

September 22, 2025

Shaw Building LP
ATTN: Jake Chai
303 Mill Street,
Poughkeepsie, NY 12601
Sent Via Email: mpropst@spring11.com

Re: **Supplemental Subsurface Investigation Report**; 24-42 Johnes Street, City of Newburgh, Orange
County, New York 12550
Tax ID #46-2-1
PVEDI File #561295

Dear Mr. Propst:

PVEDI Engineering, Architecture and Geology, D.P.C. ("PVEDI"), has completed Supplemental Subsurface Investigation in accordance with the approved scope of work, dated June 20, 2025, revised July 7, 2025, for the above referenced property (Figures 1 & 2). As discussed, our objective was to evaluate subsurface conditions to supplement previous findings from a Phase II ESA, dated December 29, 2020, for use in the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) application process. Below is a summary of field activities, analytical data and recommendations.

1.0 INTRODUCTION

PVE Engineering (PVE, former entity of PVEDI) completed a Phase I ESA, dated December 11, 2020, for the above referenced property. The following Recognized Environmental Conditions (RECs) were outlined in the ESA:

1. As indicated in Section 5.2 (Site Visit Observations), Section 6.4 (Fire Insurance Maps) and Section 6.5 (City Directories) of the report, the historical uses of the subject property as a moulding and planing mill, painting and sawing, a lumber yard with lumber sheds, a dry kiln room, a waste vault, and a dress factory, is considered a REC. The mishandling or release of chemicals in facilities such as these have the potential to contaminate soil and/or groundwater and ultimately soil vapor quality at the subject property, creating a potential vapor intrusion condition.
2. As indicated in 3.6 (Petroleum and Hazardous Material Releases), 3.7 (Brownfield Sites and Environmental Restoration Program Listings) and 3.11 (US Brownfields) of the report, the nearby property, 7-11 Johnes Street, 233 feet southwest (topographically cross-gradient) of the subject property, contains one (1) closed NY Spill file (NYSDEC Spill #9902373), and is listed with NY ERP and US Brownfields. No information regarding remediation, environmental sampling or analytical results was readily available during preparation of this Phase I ESA; contaminants are known to be present in soil and/or groundwater, and vapor intrusion condition may exist on the subject property. Based on the proximity and cross-gradient nature of this listing in relation to the subject property, PVE considers this listing to represent a REC.

3. As indicated in Section 2.3 (Current Uses of Adjoining Properties), Section 3.11 (Historic Cleaners), Section 5.2 (Site Visit Observations) and Section 6.4 (Fire Insurance Maps) of the report, the historical uses of the adjoining and nearby properties as an auto repair shop, a Moulding and Planing Mill, an oxide factory, a soap factory, an overalls and pants factory/lace manufacturers, clothing manufacturer, a 'Chinese laundry' and dry-cleaning facilities, is considered a REC. The mishandling or release of chemicals in facilities such as these have the potential to contaminate soil and/or groundwater and ultimately soil vapor quality at the subject property, creating a potential vapor intrusion condition.

PVE completed a Phase II ESA, dated December 29, 2020, for the above referenced property. The following conclusions were outlined in the Phase II ESA:

1. Urban fill (consisting of brick, coal and/or coal ash) was observed in four (4) of the eight (8) soil borings completed. Metals and semi-volatile organic compounds (SVOCs) were detected in the soil samples collected from these borings at concentrations exceeding soil cleanup objectives (SCOs). Only one (1) soil sample contained one (1) SVOC exceeding the site's intended commercial use (CSCOs).
 - a. The urban fill was only observed at shallow depths, ranging from 0 to 3.5-feet, within these soil borings. No fill or soil contaminants were observed/detected in soil samples collected from deeper intervals.
2. Urban fill is likely to be present in other portions of the subject property not already investigated. The excavation of urban fill exceeding CSCOs will require special handling and/or off-site disposal. Any excavation or future construction activities should be completed in accordance with a site-specific Soil and Materials Management Plan (SMMP) that describes requirements outlined in NYSDEC 6 NYCRR Part 360 regulations.
3. The SVOCs detected in the soil sample collected from SB-7 exceeding SCOs were also detected in the co-located groundwater sample collected from TMW-1 at concentrations exceeding Class GA GQS. Due to the low yield of groundwater in the remaining monitoring wells (TMW-2 and TMW-3), SVOCs could not be sampled and analyzed for; the presence of SVOCs in these locations cannot be verified/refuted.
 - a. PVE understands the subject property does not utilize groundwater for potable drinking water purposes. No direct exposure route to the contaminated groundwater currently exists.
 - b. Although the concentrations detected in groundwater may represent actual conditions, it is possible that these contaminants were introduced to groundwater as a function of the drilling technique and the low volumes of groundwater purged from the monitoring well. Supplemental sample collection and analysis would be necessary to confirm the presence of these contaminants in groundwater.
 - c. Although the conditions described in this report are typical of urban environments, it is unclear whether or not past site operations have adversely impacted the subject property. As such, PVE cannot resolve REC #1 at this time.
4. Chlorinated VOCs were not detected in soil vapor or indoor ambient air samples at concentrations requiring further actions. Based on this data, PVE considers the vapor encroachment condition (VEC) potential associated with REC #2 and #3 to be resolved, at this time.

PVEDI proposed supplemental sampling to further assess impacts to the subject property. Below is a summary of field activities, analytical data and recommendations.

2.0 FIELD ACTIVITIES

2.1 Geophysical Survey and Private Utility Mark Out

A geophysical services contractor, Ground Penetrating Radar Services (GPRS), was retained to conduct a mark-out to screen the proposed boring locations for utilities or anomalies which may obstruct drilling activities. Field activities were completed on July 31, 2025. No anomalies indicative of underground storage tanks or disposal were identified in the scanned areas. Sample locations were adjusted accordingly.

2.2 Soil Borings and Sample Collection

On July 31, 2025 PVEDI completed one (1) soil boring on the subject property via direct push methods using a track-mounted Geoprobe™ 54DT rig equipped with 4-foot long, 2 ¼-inch diameter stainless steel core barrels (macro-cores) fitted with PVC liners. Unfortunately, the drill rig suffered a mechanical failure after the first boring and field work was temporarily halted. On August 12 and August 13, 2025, Core Down Drilling completed a total of five (5) soil borings throughout the subject property via a track mounted Central Mine Equipment (CME) 550 rig equipped with 2-foot split spoons and 7-inch hollow stem augers. Soil borings were advanced to a maximum depth of 12-feet below ground surface (bgs). See Figure 3 for soil boring locations.

The project geologist/scientist kept a detailed log of each core including lithology, grain size, stratigraphic changes, color, moisture content and the occurrence of refusal. Soil samples were screened in the field for the presence of volatile organic compounds (VOCs) using a photoionization detector (PID) and headspace techniques. PVEDI personnel collected one (1) soil sample from each of the soil borings for a total of six (6) soil samples. Soil samples were submitted to a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP) certified laboratory for analysis of the following:

- Target Compound List (TCL) SVOCs via United States Environmental Protection Agency (USEPA) Method 8270;
- CP-51 VOCs via United States Environmental Protection Agency (USEPA) Method 8260;
- Resource Conservation and Recovery Act (RCRA) Metals via USEPA Methods 6010/7473; and
- NY 21 List Per- & Polyfluoroalkyl Substances (PFAS) via USEPA Method 1633 (2 samples).

Soil borings are summarized below:

Boring SB-9 was advanced to 6.5-feet bgs via Geoprobe™ 54DT. Soil consisted of light brown silt, some clay, little fill. Groundwater was not encountered at time of drilling (ATD). No elevated PID readings were observed. One (1) soil sample was collected from 0.5-1.0 feet bgs for laboratory analysis.

Boring SB-10 was advanced to 12-feet bgs via CME 550. Soil consisted of brown sandy clay with gravel, fine to coarse grained sand, and fine to coarse grained gravel. Groundwater was not encountered ATD. No elevated PID readings were observed. One (1) soil sample was collected from 4.0-8.0 feet bgs for laboratory analysis.

Boring SB-11 was advanced to 12-feet bgs via Central Mine Equipment 550. Soil consisted of brown silty sand with gravel, fine to coarse grained sand, fine to coarse grained gravel. Groundwater was not encountered ATD. No elevated PID readings were observed. One (1) soil sample was collected from 4.0-6.0 feet bgs for laboratory analysis.

Boring SB-12 was advanced to 12-feet bgs via Central Mine Equipment 550. Soil consisted of brown silty sand with gravel and cobbles, fine to coarse grained sand, fine to coarse grained gravel. Groundwater was

not encountered ATD. No elevated PID readings were observed. One (1) soil sample was collected from 4.0-8.0 feet bgs for laboratory analysis.

Boring SB-13 was advanced to 5.0-feet bgs via Central Mine Equipment 550. Soil consisted of brown silty sand with gravel, cobbles, fine to coarse grained sand, fine to coarse gravel. Groundwater was not encountered ATD. No elevated PID readings were observed. One (1) soil sample was collected from 2.0-5.0 feet bgs for laboratory analysis.

Boring SB-14 was advanced to 5.0-feet bgs via Central Mine Equipment 550. Soil consisted of dark brown silty sand with gravel, fine to coarse grained sand, fine to coarse grained gravel, little brick. Groundwater was not encountered ATD. No elevated PID readings were observed. One (1) soil sample was collected from 2.0-6.0 feet bgs for laboratory analysis.

Soil borings were backfilled with native cuttings and clean sand (as necessary) to ground surface.

2.3 Monitoring Well Installation and Sampling

On September 15, 2025, PVEDI returned to the site to attempt and drill monitoring wells to gage and sample groundwater. Drilling was completed using a track-mounted Geoprobe™ 54DT rig. Very limited groundwater was encountered in overburden in only one (1) location (see Figure 3).

A monitoring well was constructed of 1-inch diameter Schedule 40 PVC slotted (20-slot) and solid riser. Annular space surrounding the screened interval of the well was backfilled with adequate filter sand to two feet above the screen. The remaining annular space was backfilled with 3/8-inch bentonite pellets to grade. Monitoring well location, boring depth, and groundwater depth are summarized in the table below.

ID/Location	Date of Drilling	Bottom of Boring (below grade)	Occurrence of Groundwater (below grade)
MW-1	9/5/2025	17.6-feet	16.9-feet ATD; static at 15.8-feet

On September 15, 2025, one (1) groundwater sample was collected from the monitoring well using a peristaltic pump and low-flow techniques. The groundwater sample was dispensed into laboratory provided containers and delivered to a NYSDOH ELAP certified laboratory for analysis of:

- TCL SVOCs via USEPA Method 8270; &
- RCRA Metals via USEPA Methods 6010/7473.

2.4 Vapor Sampling

A total of three (3) outdoor soil vapor samples were collected throughout the subject property. Vapor probes were installed to 4.0-feet bgs via Geoprobe™ 54DT. Probes were installed with filter sand to 2-feet bgs and sealed to the surface with hydrated 3/8-inch bentonite pellets. Vapor probes were purged of one to three volumes at a rate not to exceed 0.2L/min. A helium tracer test was conducted at each location to verify integrity and demonstrate that ambient air was not being drawn into the samples being collected.

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

3.0 RESULTS

Soil sample results are summarized in Tables 1-4. Analytical reports are attached.

Groundwater sample results are summarized in Table 5-6. Analytical reports are attached.

Vapor results are summarized in Table 7. Analytical reports are attached.

3.1 Soil Samples

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

3.1.1 VOCs

One (1) VOC (Naphthalene) was detected in one (1) of the six (6) soil samples collected and analyzed for VOCs at a concentration below UUSCOs.

3.1.2 SVOCs

Multiple SVOCs were detected in three (3) of the six (6) soil samples collected and analyzed for SVOCs. SVOCs were detected at concentrations exceeding UUSCOs, RRSCOs, and CSCOs in three (3) of the six (6) soil samples. Exceedances are listed below.

- SB-9 (0.5-1.0-feet)
 - ***Benzo(A)Anthracene (7.99 mg/kg)***
 - ***Benzo(A)Pyrene (7.91 mg/kg)***
 - ***Benzo(B)Fluoranthene (6.92 mg/kg)***
 - *Benzo(K)Fluoranthene (5.93 mg/kg)*
 - *Chrysene (7.78 mg/kg)*
 - ***Dibenz(A,H)Anthracene (1.92 mg/kg)***
 - *Indeno(1,2,3-C,D)Pyrene (5.14 mg/kg)*
- SB-11 (4.0-8.0-feet)
 - *Benzo(A)Anthracene (1.56 mg/kg)*
 - ***Benzo(A)Pyrene (1.31 mg/kg)***
 - *Benzo(B)Fluoranthene (1.69 mg/kg)*
 - *Chrysene (1.69 mg/kg)*
 - *Indeno(1,2,3-C,D)Pyrene (0.990 mg/kg)*
- SB-14 (2.0-6.0-feet)
 - *Benzo(A)Anthracene (2.67 mg/kg)*
 - ***Benzo(A)Pyrene (2.01 mg/kg)***
 - *Benzo(B)Fluoranthene (2.17 mg/kg)*
 - *Benzo(K)Fluoranthene (1.47 mg/kg)*
 - *Chrysene (2.91 mg/kg)*
 - *Indeno(1,2,3-C,D)Pyrene (0.823 mg/kg)*

Italic font indicates RRSCO exceedance.

Bold font indicates CSCO exceedance.

3.1.3 **Metals**

Metals were detected in all six (6) soil samples collected and analyzed for metals. One (1) or more metals were detected at concentrations exceeding UUSCOs and RRSCOs in two (2) of the six (6) soil samples. No concentrations exceeded CSCOs. Exceedances are listed below.

- SB-9 (0.5-1.0-feet)
 - Chromium (52.9 mg/kg)
 - **Lead (497 mg/kg)**
 - Mercury (0.190 mg/kg)
- SB-11 (4.0-8.0-feet)
 - Lead (162 mg/kg)

Italic font indicates RRSCO exceedance.

3.1.4 **PFAS**

Multiple PFAS compounds were detected in both of the soil samples collected and analyzed for PFAS at concentrations below UUSCOs.

3.2 **Groundwater Samples**

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

3.2.1 **SVOCs**

One (1) SVOC (fluorene) was detected in the groundwater sample collected and analyzed for SVOCs. The SVOC was detected at a concentration below Class GA GQS as defined in 6NYCRR Part 700-705.

3.2.2 **Metals**

One (1) or more metals were detected in the groundwater sample collected and analyzed for metals. Metals were detected at concentrations below Class GA GQS as defined in 6NYCRR Part 700-705.

3.3 **Vapor Samples**

Analytical results from soil vapor samples are summarized in Table 7 and compared to NYSDOH Decision Matrices as defined in *Guidance for Evaluating Soil Vapor Intrusion in the State of New York (October 2006 and subsequent revisions)*. Analytical reports are attached. See Figure 3 for soil vapor sampling locations.

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

Naphthalene; Cyclohexane; Isooctane (2,2,4-Trimethylpentane); 1,2,4-Trimethylbenzene; 1,3,5-Trimethylbenzene; o-Xylene; m-Xylene; p-Xylene; Heptane; Hexane; and Toluene. The following NYSDOH-regulated compounds were detected in the vapor samples collected:

- SV-1
 - 1,2,4-Trimethylbenzene (72 $\mu\text{g}/\text{m}^3$)
 - 1,3,5-Trimethylbenzene (Mesitylene) (21 $\mu\text{g}/\text{m}^3$)
 - 2,2,4-Trimethylpentane (28 $\mu\text{g}/\text{m}^3$)
 - Benzene (18 $\mu\text{g}/\text{m}^3$)
 - Carbon Tetrachloride (0.53 $\mu\text{g}/\text{m}^3$)
 - Cyclohexane (16 $\mu\text{g}/\text{m}^3$)
 - Ethylbenzene (200 $\mu\text{g}/\text{m}^3$)
 - m,p-Xylene (490 $\mu\text{g}/\text{m}^3$)
 - Methylene Chloride (7.1 $\mu\text{g}/\text{m}^3$)
 - N-Heptane (39 $\mu\text{g}/\text{m}^3$)
 - N-Hexane (42 $\mu\text{g}/\text{m}^3$)
 - O-Xylene (1,2-Dimethylbenzene) (230 $\mu\text{g}/\text{m}^3$)
 - Toluene (140 $\mu\text{g}/\text{m}^3$)
 - Vinyl Chloride (0.25 $\mu\text{g}/\text{m}^3$)
- SV-2
 - 1,2,4-Trimethylbenzene (13 $\mu\text{g}/\text{m}^3$)
 - 1,3,5-Trimethylbenzene (Mesitylene) (3.9 $\mu\text{g}/\text{m}^3$)
 - 2,2,4-Trimethylpentane (100 $\mu\text{g}/\text{m}^3$)
 - Benzene (25 $\mu\text{g}/\text{m}^3$)
 - Cyclohexane (27 $\mu\text{g}/\text{m}^3$)
 - Ethylbenzene (48 $\mu\text{g}/\text{m}^3$)
 - m,p-Xylene (83 $\mu\text{g}/\text{m}^3$)
 - N-Heptane (37 $\mu\text{g}/\text{m}^3$)
 - N-Hexane (110 $\mu\text{g}/\text{m}^3$)
 - O-Xylene (1,2-Dimethylbenzene) (27 $\mu\text{g}/\text{m}^3$)
 - Toluene (150 $\mu\text{g}/\text{m}^3$)
- SV-3
 - 1,2,4-Trimethylbenzene (35 $\mu\text{g}/\text{m}^3$)
 - 1,3,5-Trimethylbenzene (Mesitylene) (9.7 $\mu\text{g}/\text{m}^3$)
 - 2,2,4-Trimethylpentane (13 $\mu\text{g}/\text{m}^3$)
 - Benzene (6.9 $\mu\text{g}/\text{m}^3$)
 - Cyclohexane (4.7 $\mu\text{g}/\text{m}^3$)
 - Ethylbenzene (54 $\mu\text{g}/\text{m}^3$)
 - m,p-Xylene (95 $\mu\text{g}/\text{m}^3$)
 - N-Heptane (11 $\mu\text{g}/\text{m}^3$)
 - N-Hexane (17 $\mu\text{g}/\text{m}^3$)
 - O-Xylene (1,2-Dimethylbenzene) (37 $\mu\text{g}/\text{m}^3$)
 - Toluene (72 $\mu\text{g}/\text{m}^3$)

Based on the concentrations of NYSDOH regulated compounds detected in soil vapor, a VEC warranting mitigation or additional actions could exist at the site beneath proposed structures.

4.0 DISCUSSION and CONCLUSIONS

4.1 Soil

1. Six (6) soil borings (one [1] installed via Geoprobe™ 54DT and five [5] installed via CME 550) were completed throughout the subject property. One (1) soil sample was collected from each of the six (6) soil borings for laboratory analysis.
2. One (1) VOC was detected in one (1) of the six (6) soil samples; this detection did not exceed SCOs.
3. Multiple SVOCs were detected in three (3) of the six (6) soil samples at concentrations exceeding UUSCOs, RRSCOs, and CSCOs.
4. Metals were detected in two (2) of the six (6) soil samples at concentrations exceeding UUSCOs and RRSCOs, but below CSCOs.

4.2 Groundwater

1. One (1) monitoring well was installed on the subject property. One (1) groundwater sample was collected from the monitoring well for laboratory analysis.
2. One (1) SVOC was detected in the groundwater sample at a concentration below Class GA GQS.
3. Metals were detected in the sample at concentrations below Class GA GQS.

4.3 Vapor

1. A total of three (3) outdoor soil vapor samples were collected from the subject property.
2. Concentrations of petroleum-related compounds VOCs were detected in soil vapor samples at elevated concentrations warranting mitigation in proposed structures.

5.0 RECOMMENDATIONS

1. Soil quality has been adversely impacted from historical operations at the subject property. SVOCs and metals were detected at concentrations exceeding applicable State Standards.
 - a. PVEDI recommends the client apply the site for consideration and inclusion in the NYSDEC BCP for further investigation and remediation.
2. Elevated petroleum and chlorinated VOCs were detected in soil vapor samples. PVEDI suggests installing an active sub-slab depressurization system (SSDS) during redevelopment of the site to safeguard building occupants.

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

Sincerely,

PVEDI



Conor B. Tarbell, QEP
Regional Director of Environmental Services

Attachments:

Figures – 1 through 3

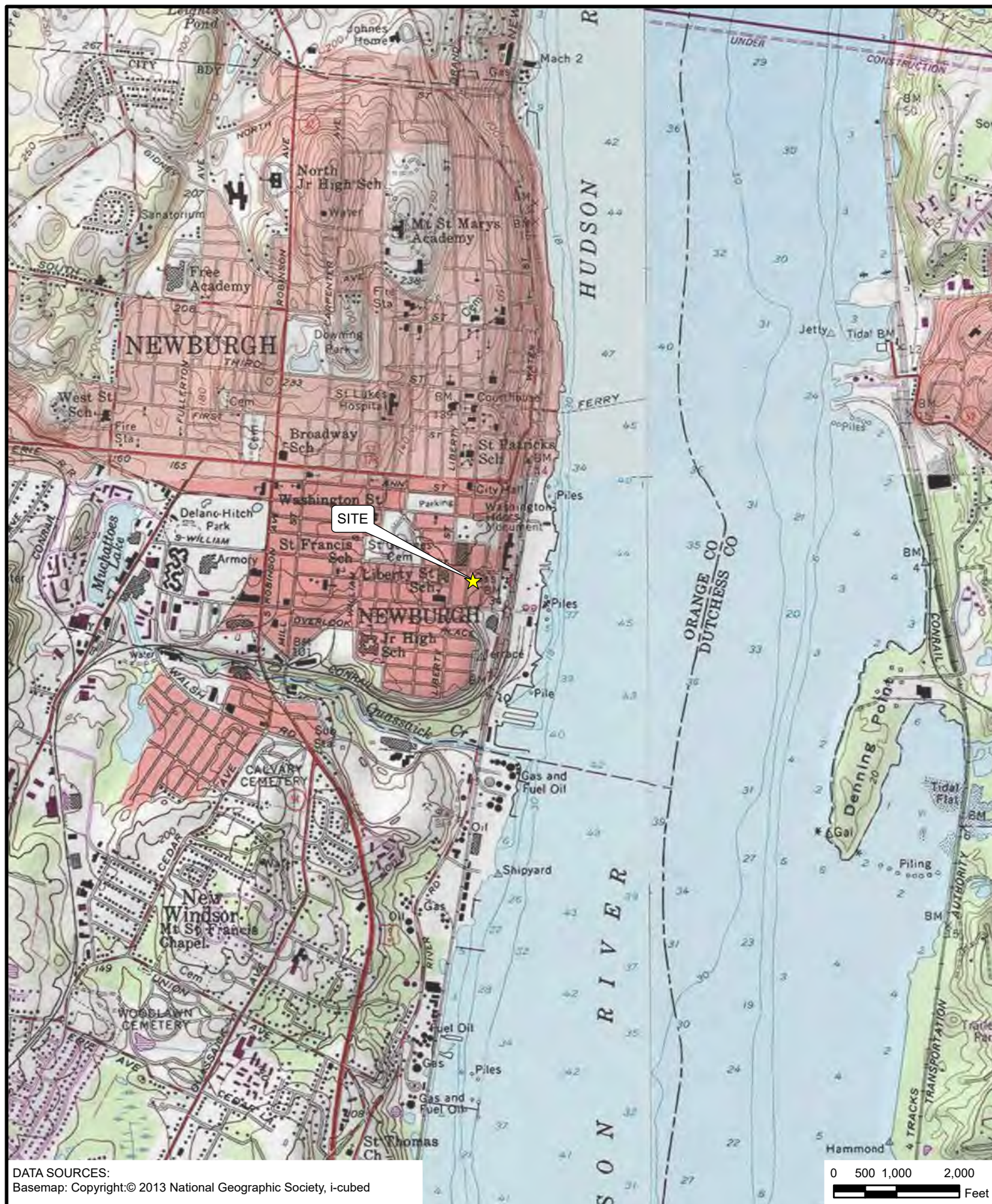
Tables – 1 through 7

Soil Boring Logs

Soil Vapor Log

Analytical Reports

FIGURES



PVEDi

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

SELECTED SITE FEATURES

24-42 JOHNES STREET, CITY OF NEWBURGH
 ORANGE COUNTY, NEW YORK

PROJECT NO.

561295

N



FIGURE 1

DATE: 08/13/2025

SCALE: AS INDICATED

PROJECTION: STATE PLANE NAD83 NY EAST

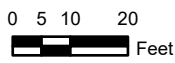
ALL LOCATIONS APPROXIMATE

LEGEND

TAX PARCEL OUTLINE



DATA SOURCES:
Tax Parcel Outline: Orange County GIS
Aerial Imagery: Nearmap, March 23, 2025.
Basemap: New York State, Maxar, Microsoft



PVEDi 48 Springside Avenue Poughkeepsie, NY 12603 Office: 845.454.2544 Fax: 845.454.2655	SELECTED SITE FEATURES 24-42 JOHNES STREET, CITY OF NEWBURGH ORANGE COUNTY, NEW YORK	PROJECT NO.	FIGURE 2
		561295	DATE: 08/13/2025
		N 	SCALE: AS INDICATED
			PROJECTION: STATE PLANE NAD83 NY EAST
			ALL LOCATIONS APPROXIMATE

LEGEND

TAX PARCEL OUTLINE

BCP ELIGIBILITY SAMPLING (2025)

● MONITORING WELL

● SOIL BORING

▲ SOIL VAPOR

PHASE II ESA (2020)

▲ INDOOR AIR

● SOIL BORING

● SOIL BORING / TEMPORARY MONITORING WELL

▲ SUB-SLAB SOIL VAPOR



DATA SOURCES:
 Tax Parcel Outline: Orange County GIS
 Aerial Imagery: Nearmap, March 23, 2025.
 Basemap: New York State, Maxar, Microsoft

PVEDi 48 Springside Avenue Poughkeepsie, NY 12603 Office: 845.454.2544 Fax: 845.454.2655	SAMPLE LOCATION MAP 24-42 <i>JOHNES STREET, CITY OF NEWBURGH</i> <i>ORANGE COUNTY, NEW YORK</i>	PROJECT NO.	FIGURE 3
		561295	DATE: 09/10/2025
		N 	SCALE: AS INDICATED
			PROJECTION: STATE PLANE NAD83 NY EAST
			ALL LOCATIONS APPROXIMATE

TABLES

Table 1 - VOCs in Soil Samples
 Compared to UUSCOs, RRSCOs, & CSCOs per 6 NYCRR Part 375
 24-42 Johnes Street, Newburgh, NY
 PVE File #561295

			Date Sampled Location Sample ID				8/11/2025 SB-10 SB-10 4-8			8/11/2025 SB-11 SB-11 4-8			8/12/2025 SB-12 SB-12 4-8 20250812			8/12/2025 SB-13 SB-13 2-5 20250812			8/12/2025 SB-14 SB-14 2-6 20250812		
Method	Analyte	CAS RN	UUSCOs	RRSCOs	CSCOs	Unit	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q
SW8260	1,2,4-Trimethylbenzene	95-63-6	3.6	52	190	mg/kg	ND< 0.0061	mg/kg	U	ND< 0.0077	mg/kg	U	ND< 0.0056	mg/kg	U	ND< 0.0041	mg/kg	U	ND< 0.0049	mg/kg	U
SW8260	1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	8.4	52	190	mg/kg	ND< 0.0061	mg/kg	U	ND< 0.0077	mg/kg	U	ND< 0.0056	mg/kg	U	ND< 0.0041	mg/kg	U	ND< 0.0049	mg/kg	U
SW8260	Benzene	71-43-2	0.06	4.8	44	mg/kg	ND< 0.0061	mg/kg	U	ND< 0.0077	mg/kg	U	ND< 0.0056	mg/kg	U	ND< 0.0041	mg/kg	U	ND< 0.0049	mg/kg	U
SW8260	Cymene	99-87-6	NE	NE	NE		ND< 0.0061	mg/kg	U	ND< 0.0077	mg/kg	U	ND< 0.0056	mg/kg	U	ND< 0.0041	mg/kg	U	ND< 0.0049	mg/kg	U
SW8260	Ethylbenzene	100-41-4	1	41	390	mg/kg	ND< 0.0061	mg/kg	U	ND< 0.0077	mg/kg	U	ND< 0.0056	mg/kg	U	ND< 0.0041	mg/kg	U	ND< 0.0049	mg/kg	U
SW8260	Isopropylbenzene (Cumene)	98-82-8	NE	NE	NE		ND< 0.0061	mg/kg	U	ND< 0.0077	mg/kg	U	ND< 0.0056	mg/kg	U	ND< 0.0041	mg/kg	U	ND< 0.0049	mg/kg	U
SW8260	m,p-Xylene	179601-23-1	NE	NE	NE		ND< 0.012	mg/kg	U	ND< 0.015	mg/kg	U	ND< 0.011	mg/kg	U	ND< 0.0082	mg/kg	U	ND< 0.0099	mg/kg	U
SW8260	Naphthalene	91-20-3	12	100	500	mg/kg	ND< 0.012	mg/kg	U	ND< 0.015	mg/kg	U	ND< 0.011	mg/kg	U	ND< 0.0082	mg/kg	U	0.0072	mg/kg	J
SW8260	N-Butylbenzene	104-51-8	12	100	500	mg/kg	ND< 0.0061	mg/kg	U	ND< 0.0077	mg/kg	U	ND< 0.0056	mg/kg	U	ND< 0.0041	mg/kg	U	ND< 0.0049	mg/kg	U
SW8260	N-Propylbenzene	103-65-1	3.9	100	500	mg/kg	ND< 0.0061	mg/kg	U	ND< 0.0077	mg/kg	U	ND< 0.0056	mg/kg	U	ND< 0.0041	mg/kg	U	ND< 0.0049	mg/kg	U
SW8260	O-Xylene (1,2-Dimethylbenzene)	95-47-6	0.26	100	500	mg/kg	ND< 0.0061	mg/kg	U	ND< 0.0077	mg/kg	U	ND< 0.0056	mg/kg	U	ND< 0.0041	mg/kg	U	ND< 0.0049	mg/kg	U
SW8260	Sec-Butylbenzene	135-98-8	11	100	500	mg/kg	ND< 0.0061	mg/kg	U	ND< 0.0077	mg/kg	U	ND< 0.0056	mg/kg	U	ND< 0.0041	mg/kg	U	ND< 0.0049	mg/kg	U
SW8260	T-Butylbenzene	98-06-6	5.9	100	500	mg/kg	ND< 0.0061	mg/kg	U	ND< 0.0077	mg/kg	U	ND< 0.0056	mg/kg	U	ND< 0.0041	mg/kg	U	ND< 0.0049	mg/kg	U
SW8260	Tert-Butyl Methyl Ether	1634-04-4	0.93	100	500	mg/kg	ND< 0.0061	mg/kg	U	ND< 0.0077	mg/kg	U	ND< 0.0056	mg/kg	U	ND< 0.0041	mg/kg	U	ND< 0.0049	mg/kg	U
SW8260	Toluene	108-88-3	0.7	100	500	mg/kg	ND< 0.0061	mg/kg	U	ND< 0.0077	mg/kg	U	ND< 0.0056	mg/kg	U	ND< 0.0041	mg/kg	U	ND< 0.0049	mg/kg	U
SW8260	Xylenes	1330-20-7	0.26	100	500	mg/kg	ND< 0.018	mg/kg	U	ND< 0.023	mg/kg	U	ND< 0.017	mg/kg	U	ND< 0.012	mg/kg	U	ND< 0.015	mg/kg	U

Notes:

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

Yellow Shading designates those compounds detected at concentrations exceeding UUSCOs;

Orange shading designates those compounds detected at concentration exceeding RRSCOs;

Red shading designates those compounds detected at concentration exceeding CSCOs;

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

NE = No standard established; &

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

Table 2 - SVOCs in Soil Samples
Compared to UUSCOs, RRSCOs, & CSCOs per 6 NYCRR Part 375
24-42 Johns Street, Newburgh, NY
PVE File #561295

Method	Analyte	CAS RN	Date Sampled				7/31/2025			8/11/2025			8/11/2025			8/12/2025			8/12/2025			8/12/2025		
			Location				SB-9 0.5-1 20250731			SB-10			SB-11			SB-12			SB-13			SB-14		
			U	USCOs	RRSCOs	CSCOs	Unit	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit
SW8270	1,2,4,5-Tetrachlorobenzene	95-94-3	NE	NE	NE	NE	ND< 0.180	mg/kg	U	ND< 0.180	mg/kg	U	ND< 0.193	mg/kg	U	ND< 0.0897	mg/kg	U	ND< 0.189	mg/kg	U	ND< 0.190	mg/kg	U
SW8270	1,2,4-Trichlorobenzene	120-82-1	NE	NE	NE	NE	ND< 0.0903	mg/kg	U	ND< 0.0902	mg/kg	U	ND< 0.0966	mg/kg	U	ND< 0.0449	mg/kg	U	ND< 0.0947	mg/kg	U	ND< 0.0949	mg/kg	U
SW8270	1,2-Dichlorobenzene	95-50-1	1.1	100	500	mg/kg	ND< 0.0903	mg/kg	U	ND< 0.0902	mg/kg	U	ND< 0.0966	mg/kg	U	ND< 0.0449	mg/kg	U	ND< 0.0947	mg/kg	U	ND< 0.0949	mg/kg	U
SW8270	1,2-Diphenylhydrazine	122-66-7	NE	NE	NE	NE	ND< 0.0903	mg/kg	U	ND< 0.0902	mg/kg	U	ND< 0.0966	mg/kg	U	ND< 0.0449	mg/kg	U	ND< 0.0947	mg/kg	U	ND< 0.0949	mg/kg	U
SW8270	1,3-Dichlorobenzene	541-73-1	2.4	49	280	mg/kg	ND< 0.0903	mg/kg	U	ND< 0.0902	mg/kg	U	ND< 0.0966	mg/kg	U	ND< 0.0449	mg/kg	U	ND< 0.0947	mg/kg	U	ND< 0.0949	mg/kg	U
SW8270	1,4-Dichlorobenzene	106-46-7	1.8	13	130	mg/kg	ND< 0.0903	mg/kg	U	ND< 0.0902	mg/kg	U	ND< 0.0966	mg/kg	U	ND< 0.0449	mg/kg	U	ND< 0.0947	mg/kg	U	ND< 0.0949	mg/kg	U
SW8270	2,3,4,6-Tetrachlorophenol	58-90-2	NE	NE	NE	NE	ND< 0.180	mg/kg	U	ND< 0.180	mg/kg	U	ND< 0.193	mg/kg	U	ND< 0.0897	mg/kg	U	ND< 0.189	mg/kg	U	ND< 0.190	mg/kg	U
SW8270	2,4,5-Trichlorophenol	95-95-4	NE	NE	NE	NE	ND< 0.0903	mg/kg	U	ND< 0.0902	mg/kg	U	ND< 0.0966	mg/kg	U	ND< 0.0449	mg/kg	U	ND< 0.0947	mg/kg	U	ND< 0.0949	mg/kg	U
SW8270	2,4,6-Trichlorophenol	88-06-2	NE	NE	NE	NE	ND< 0.0903	mg/kg	U	ND< 0.0902	mg/kg	U	ND< 0.0966	mg/kg	U	ND< 0.0449	mg/kg	U	ND< 0.0947	mg/kg	U	ND< 0.0949	mg/kg	U
SW8270	2,4-Dichlorophenol	120-83-2	NE	NE	NE	NE	ND< 0.0903	mg/kg	U	ND< 0.0902	mg/kg	U	ND< 0.0966	mg/kg	U	ND< 0.0449	mg/kg	U	ND< 0.0947	mg/kg	U	ND< 0.0949	mg/kg	U
SW8270	2,4-Dimethylphenol	105-67-9	NE	NE	NE	NE	ND< 0.0903	mg/kg	U	ND< 0.0902	mg/kg	U	ND< 0.0966	mg/kg	U	ND< 0.0449	mg/kg	U	ND< 0.0947	mg/kg	U	ND< 0.0949	mg/kg	U
SW8270	2,4-Dinitrophenol	51-28-5	NE	NE	NE	NE	ND< 0.180	mg/kg	U	ND< 0.180	mg/kg	U	ND< 0.193	mg/kg	U	ND< 0.0897	mg/kg	U	ND< 0.189	mg/kg	U	ND< 0.190	mg/kg	U
SW8270	2,4-Dinitrotoluene	121-14-2	NE	NE	NE	NE	ND< 0.0903	mg/kg	U	ND< 0.0902	mg/kg	U	ND< 0.0966	mg/kg	U	ND< 0.0449	mg/kg	U	ND< 0.0947	mg/kg	U	ND< 0.0949	mg/kg	U
SW8270	2-Chloronaphthalene	606-20-2	NE	NE	NE	NE	ND< 0.0903	mg/kg	U	ND< 0.0902	mg/kg	U	ND< 0.0966	mg/kg	U	ND< 0.0449	mg/kg	U	ND< 0.0947	mg/kg	U	ND< 0.0949	mg/kg	U
SW8270	2-Chlorophenol	91-58-7	NE	NE	NE	NE	ND< 0.0903	mg/kg	U	ND< 0.0902	mg/kg	U	ND< 0.0966	mg/kg	U	ND< 0.0449	mg/kg	U	ND< 0.0947	mg/kg	U	ND< 0.0949	mg/kg	U
SW8270	2-Methylphenol (O-Cresol)	00095-48-7	NE	NE	NE	NE	ND< 0.0903	mg/kg	U	ND< 0.0902	mg/kg	U	ND< 0.0966	mg/kg	U	ND< 0.0449	mg/kg	U	ND< 0.0947	mg/kg	U	ND< 0.0949	mg/kg	U
SW8270	2-Nitroaniline	88-74-4	NE	NE	NE	NE	ND< 0.180	mg/kg	U	ND< 0.180	mg/kg	U	ND< 0.193	mg/kg	U	ND< 0.0897	mg/kg	U	ND< 0.189	mg/kg	U	ND< 0.190	mg/kg	U
SW8270	2-Nitrophenol	88-75-5	NE	NE	NE	NE	ND< 0.0903	mg/kg	U	ND< 0.0902	mg/kg	U	ND< 0.0966	mg/kg	U	ND< 0.0449	mg/kg	U	ND< 0.0947	mg/kg	U	ND< 0.0949	mg/kg	U
SW8270	3,3'-Dichlorobenzidine	91-94-1	NE	NE	NE	NE	ND< 0.0903	mg/kg	U	ND< 0.0902	mg/kg	U	ND< 0.0966	mg/kg	U	ND< 0.0449	mg/kg	U	ND< 0.0947	mg/kg	U	ND< 0.0949	mg/kg	U
SW8270	3-Nitroaniline	99-09-2	NE	NE	NE	NE	ND< 0.180	mg/kg	U	ND< 0.180	mg/kg	U	ND< 0.193	mg/kg	U	ND< 0.0897	mg/kg	U	ND< 0.189	mg/kg	U	ND< 0.190	mg/kg	U
SW8270	4,6-Dinitro-2-Methylphenol	534-52-1	NE	NE	NE	NE	ND< 0.180	mg/kg	U	ND< 0.180	mg/kg	U	ND< 0.193	mg/kg	U	ND< 0.0897	mg/kg	U	ND< 0.189	mg/kg	U	ND< 0.190	mg/kg	U
SW8270	4-Bromophenyl Phenyl Ether	101-55-3	NE	NE	NE	NE	ND< 0.0903	mg/kg	U	ND< 0.0902	mg/kg	U	ND< 0.0966	mg/kg	U	ND< 0.0449	mg/kg	U	ND< 0.0947	mg/kg	U	ND< 0.0949	mg/kg	U
SW8270	4-Chloro-3-Methylphenol	59-50-7	NE	NE	NE	NE	ND< 0.0903	mg/kg	U	ND< 0.0902	mg/kg	U	ND< 0.0966	mg/kg	U	ND< 0.0449	mg/kg	U	ND< 0.0947	mg/kg	U	ND< 0.0949	mg/kg	U
SW8270	4-Chloroaniline	106-47-8	NE	NE	NE	NE	ND< 0.0903	mg/kg	U	ND< 0.0902	mg/kg	U	ND< 0.0966	mg/kg	U	ND< 0.0449	mg/kg	U	ND< 0.0947	mg/kg	U	ND< 0.0949	mg/kg	U
SW8270	4-Chlorophenyl Phenyl Ether	7005-72-3	NE	NE	NE	NE	ND< 0.0903	mg/kg	U	ND< 0.0902	mg/kg	U	ND< 0.0966	mg/kg	U	ND< 0.0449	mg/kg	U	ND< 0.0947	mg/kg	U	ND< 0.0949	mg/kg	U
SW8270	4-Nitroaniline	100-01-6	NE	NE	NE	NE	ND< 0.180	mg/kg	U	ND< 0.180	mg/kg	U	ND< 0.193	mg/kg	U	ND< 0.0897	mg/kg	U	ND< 0.189	mg/kg	U	ND< 0.190	mg/kg	U
SW8270	4-Nitrophenol	100-02-7	NE	NE	NE	NE	ND< 0.180	mg/kg	U	ND< 0.180	mg/kg	U	ND< 0.193	mg/kg	U	ND< 0.0897	mg/kg	U	ND< 0.189	mg/kg	U	ND< 0.190	mg/kg	U
SW8270	Acenaphthene	83-32-9	20	100	500	mg/kg	0.737	mg/kg		0.0454	mg/kg	J	0.124	mg/kg		ND< 0.0449	mg/kg	U	ND< 0.0947	mg/kg	U	0.484	mg/kg	
SW8270	Acenaphthylene	208-96-8	100	100	500	mg/kg	0.671	mg/kg		ND< 0.0902	mg/kg	U	0.103	mg/kg		ND< 0.0449	mg/kg	U	ND< 0.0947	mg/kg	U	0.505	mg/kg	
SW8270	Acetophenone	98-86-2	NE	NE	NE	NE	ND< 0.0903	mg/kg	U	ND< 0.0902	mg/kg	U	ND< 0.0966	mg/kg	U	ND< 0.0449	mg/kg	U	ND< 0.0947	mg/kg	U	ND< 0.0949	mg/kg	U
SW8270	Aniline	62-53-3	NE	NE	NE	NE	ND< 0.361	mg/kg	U	ND< 0.361	mg/kg	U	ND< 0.387	mg/kg	U	ND< 0.180	mg/kg	U	ND< 0.379	mg/kg	U	ND< 0.380	mg/kg	U
SW8270	Anthracene	120-12-7	100	100	500	mg/kg	1.76	mg/kg		0.134	mg/kg	J	0.429	mg/kg		ND< 0.0449	mg/kg	U	ND< 0.0947	mg/kg	U	1.39	mg/kg	
SW8270	Atrazine	1912-24-9	NE	NE	NE	NE	ND< 0.0903	mg/kg	U	ND< 0.0902	mg/kg	U	ND< 0.0966	mg/kg	U	ND< 0.0449	mg/kg	U	ND< 0.0947	mg/kg	U	ND< 0.0949	mg/kg	U
SW8270	Benzaldehyde	100-52-7	NE	NE	NE	NE	ND< 0.0903	mg/kg	U	ND< 0.0902	mg/kg	U	ND< 0.0966	mg/kg	U	ND< 0.0449	mg/kg	U	ND< 0.0947	mg/kg	U	ND< 0.0949	mg/kg	U
SW8270	Benidine	92-87-5	NE	NE	NE	NE	ND< 0.361	mg/kg	U	ND< 0.361	mg/kg	U	ND< 0.387	mg/kg	U	ND< 0.180	mg/kg	U	ND< 0.379	mg/kg	U	ND< 0.380	mg/kg	U
SW8270	Benzo(A)Anthracene	56-55-3	1	1	5.6	mg/kg	7.99	mg/kg		0.399	mg/kg	J	1.56	mg/kg		ND< 0.0449	mg/kg	U	ND< 0.0947	mg/kg	U	2.67	mg/kg	
SW8270	Benzo(A)Pyrene	50-32-8	1	1	1	mg/kg	7.91	mg/kg		0.347	mg/kg	J	1.31	mg/kg		ND< 0.0449	mg/kg	U	ND< 0.0947	mg/kg	U	2.01	mg/kg	
SW8270	Benzo(B)Fluoranthene	205-99-2	1	1	5.6	mg/kg	6.92	mg/kg		0.398	mg/kg	J	1.69	mg/kg		ND< 0.0449	mg/kg	U	ND< 0.0947	mg/kg	U	2.17	mg/kg	
SW8270	Benzo(G,H,I)Perylene	191-24-2	100	100	500	mg/kg	5.14	mg/kg		0.252	mg/kg	J	0.981	mg/kg		ND< 0.0449	mg/kg	U	ND< 0.0947	mg/kg	U	0.933	mg/kg	
SW8270	Benzo(K)Fluoranthene	207-08-9	0.8	3.9	56	mg/kg	5.93	mg/kg		0.164	mg/kg	J	0.602	mg/kg		ND< 0.0449	mg/kg	U	ND< 0.0947	mg/kg	U	1.47	mg/kg	
SW8270	Benzoic Acid	65-85-0	NE	NE	NE	NE	ND< 0.0903	mg/kg	U	ND< 0.0902	mg/kg	U	ND< 0.0966	mg/kg	U	ND< 0.0449	mg/kg	U	ND< 0.0947	mg/kg	U	ND< 0.0949	mg/kg	U
SW8270	Benzyl Alcohol	100-51-6	NE	NE	NE	NE	ND< 0.0903	mg/kg	U	ND< 0.0902	mg/kg	U	ND< 0.0966	mg/kg	U	ND< 0.0449	mg/kg	U	ND< 0.0947	mg/kg	U	ND< 0.0949	mg/kg	U
SW8270	Benzyl Butyl Phthalate	85-68-7	NE	NE	NE	NE	ND< 0.0903	mg/kg	U	ND< 0.0902	mg/kg	U	ND< 0.0966	mg/kg	U	ND< 0.0449	mg/kg	U	ND< 0.0947	mg/kg	U	ND< 0.0949	mg/kg	U
SW8270	Biphenyl (Diphenyl)	92-52-4	NE	NE	NE	NE	ND< 0.0903	mg/kg	U	ND< 0.0902	mg/kg	U	ND< 0.0966	mg/kg	U	ND< 0.0449	mg/kg	U	ND< 0.0947	mg/kg	U	0.0675	mg/kg	J
SW8270	Bis(2-Chloroethoxy) Methane	111-91-1	NE	NE	NE	NE	ND< 0.0903	mg/kg	U	ND< 0.0902	mg/kg	U	ND< 0.0966	mg/kg	U	ND< 0.0449	mg/kg	U	ND< 0.0947	mg/kg	U	ND< 0.0949	mg/kg	U
SW8270	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	111-44-4	NE	NE	NE	NE	ND< 0.0903	mg/kg	U	ND< 0.0902	mg/kg	U	ND< 0.0966	mg/kg	U	ND< 0.0449	mg/kg	U	ND< 0.0947	mg/kg	U	ND< 0.0949	mg/kg	U
SW8270	Bis(2-Chloroisopropyl) Ether	108-60-1	NE	NE	NE	NE	ND< 0.0903	mg/kg	U	ND< 0.0902	mg/kg	U	ND< 0.0966	mg/kg	U	ND< 0.0449	mg/kg	U	ND< 0.0947	mg/kg	U	ND< 0.0949	mg/kg	U
SW8270	Bis(2																							

Table 3 - Metals in Soil Samples
 Compared to UUSCOs, RRSCOs, & CSCOs per 6 NYCRR Part 375
 24-42 Johnes Street, Newburgh, NY
 PVE File #561295

Date Sampled Location Sample ID						7/31/2025 SB-9 SB-9 0.5-1 20250731			8/11/2025 SB-10 SB-10 4-8			8/11/2025 SB-11 SB-11 4-8			8/12/2025 SB-12 SB-12 4-8 20250812			8/12/2025 SB-13 SB-13 2-5 20250812			8/12/2025 SB-14 SB-14 2-6 20250812			
Method	Analyte	CAS RN	UUSCOs	RRSCOs	CSCOs	Unit	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q
SW6010	Arsenic	7440-38-2	13	16	16	mg/kg	6.08	mg/kg		7.57	mg/kg		11.3	mg/kg		4.69	mg/kg		5.32	mg/kg		8.73	mg/kg	
SW6010	Barium	7440-39-3	350	400	400	mg/kg	185	mg/kg		76.7	mg/kg		146	mg/kg		46.3	mg/kg		51.8	mg/kg		56.6	mg/kg	
SW6010	Cadmium	7440-43-9	2.5	4.3	9.3	mg/kg	0.406	mg/kg		0.303	mg/kg		0.630	mg/kg		ND< 0.270	mg/kg	U	ND< 0.285	mg/kg	U	1.09	mg/kg	
SW6010	Chromium, Total	7440-47-3	31	290	1900	mg/kg	52.9	mg/kg		21.3	mg/kg		27.9	mg/kg		14.7	mg/kg		16.8	mg/kg		19.4	mg/kg	
SW6010	Lead	7439-92-1	63	400	1000	mg/kg	497	mg/kg		36.8	mg/kg		162	mg/kg		14.7	mg/kg		15.3	mg/kg		58.5	mg/kg	
SW6010	Selenium	7782-49-2	3.9	180	1500	mg/kg	ND< 2.31	mg/kg	U	ND< 2.30	mg/kg	U	ND< 2.46	mg/kg	U	ND< 2.25	mg/kg	U	ND< 2.37	mg/kg	U	ND< 2.41	mg/kg	U
SW6010	Silver	7440-22-4	2	180	1500	mg/kg	ND< 0.465	mg/kg	U	ND< 0.463	mg/kg	U	ND< 0.496	mg/kg	U	ND< 0.454	mg/kg	U	ND< 0.478	mg/kg	U	ND< 0.486	mg/kg	U
SW7473	Mercury	7439-97-6	0.18	0.81	2.8	mg/kg	0.190	mg/kg		0.0750	mg/kg		0.0416	mg/kg		ND< 0.0324	mg/kg	U	0.0486	mg/kg		0.0792	mg/kg	

Notes:

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

Yellow Shading designates those compounds detected at concentrations exceeding UUSCOs;

Orange shading designates those compounds detected at concentration exceeding RRSCOs;

Red shading designates those compounds detected at concentration exceeding CSCOs;

NE = No standard established; &

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

Table 4 - PFAS in Soil Samples
 Compared to UUSCOs, RRSCOs, & CSCOs per 6 NYCRR Part 375
 24-42 Johnes Street, Newburgh, NY
 PVE File #561295

Method	Analyte	CAS RN	UUSCOs	RRSCOs	CSCOs	Unit	Date Sampled	Result	Unit	Q	8/11/2025	Result	Unit	Q
							Location				SB-10			
Sample ID											SB-10 4-8			SB-12 4-8 20250812
E1633	11-Chloroicosafuoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF30UdS)	763051-92-9	NE	NE	NE			ND < 0.832	ug/kg	U		ND < 0.817	ug/kg	U
E1633	13C2-Perfluorotetradecanoic acid	13C2PFTEDA	NE	NE	NE			NS				1.47	ug/kg	
E1633	13C3-Perfluorobutanoic acid	13C3-PFBA	NE	NE	NE			12.8	ug/kg			NS		
E1633	13C3-Perfluorohexanesulfonic acid	13C3PFHXS	NE	NE	NE			NS				3.13	ug/kg	
E1633	13C4-Perfluorobutanoic acid	13C4PFBA	NE	NE	NE			NS				13.0	ug/kg	
E1633	13C4-Perfluoroheptanoic acid	13C4PFHPA	NE	NE	NE			NS				3.40	ug/kg	
E1633	13C5-Perfluoropentanoic acid	13C5PFPEA	NE	NE	NE			NS				6.75	ug/kg	
E1633	13C6-Perfluorodecanoic acid	13C6PFDA	NE	NE	NE			NS				1.72	ug/kg	
E1633	13C7-Perfluoroundecanoic acid	13C7PFUNA	NE	NE	NE			NS				1.70	ug/kg	
E1633	13C8-Perfluorooctanesulfonamide	13C8FOSA	NE	NE	NE			NS				3.91	ug/kg	
E1633	13C8-Perfluorooctanesulfonate	13C8PFOS	NE	NE	NE			NS				3.40	ug/kg	
E1633	13C8-Perfluorooctanoic acid	13C8PFOA	NE	NE	NE			NS				3.29	ug/kg	
E1633	13C9-Perfluorononanoic acid	13C9PFNA	NE	NE	NE			NS				1.76	ug/kg	
E1633	2-(N-methyl perfluorooctanesulfonamido) acetic acid	2355-31-9	NE	NE	NE			ND < 0.220	ug/kg	U		ND < 0.216	ug/kg	U
E1633	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	914637-49-3	NE	NE	NE			ND < 5.50	ug/kg	U		ND < 5.40	ug/kg	U
E1633	3-Perfluoroheptyl propanoic acid (7:3FTCA)	812-70-4	NE	NE	NE			ND < 5.50	ug/kg	U		ND < 5.40	ug/kg	U
E1633	3-Perfluoropropyl propanoic acid (3:3 FTCA)	356-02-5	NE	NE	NE			ND < 1.10	ug/kg	U		ND < 1.08	ug/kg	U
E1633	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	919005-14-4	NE	NE	NE			ND < 0.832	ug/kg	U		ND < 0.817	ug/kg	U
E1633	9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF30NS)	756426-58-1	NE	NE	NE			ND < 0.823	ug/kg	U		ND < 0.808	ug/kg	U
E1633	d7-2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	D7-NMEFOSAE	NE	NE	NE			NS				31.6	ug/kg	
E1633	d7-N-MeFOSE	D7-MEFOSE	NE	NE	NE			32.4	ug/kg			NS		
E1633	d9-2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	D9-NETPFOSAE	NE	NE	NE			NS				32.3	ug/kg	
E1633	d9-N-EtFOSE	D9-ETFOSE	NE	NE	NE			37.3	ug/kg			NS		
E1633	d-N-EtFOSA	4151-50-2-IDA	NE	NE	NE			3.39	ug/kg			NS		
E1633	d-N-MeFOSA	31506-32-8-IDA	NE	NE	NE			3.65	ug/kg			NS		
E1633	M2PFTeDA	13C2-PFTEDA	NE	NE	NE			1.31	ug/kg			NS		
E1633	M3-Hexafluoropropylene oxide dimer acid (M3HFPO-DA)	M3HFPO-DA	NE	NE	NE			NS				16.6	ug/kg	
E1633	M3HFPO-DA	13C3-HFPO-DA	NE	NE	NE			13.1	ug/kg			NS		
E1633	M3PFHxS	13C3-PFHXS	NE	NE	NE			3.28	ug/kg			NS		
E1633	M4PFHpA	13C4-PFHPA	NE	NE	NE			3.46	ug/kg			NS		
E1633	M5PFHxA	338-30-1	NE	NE	NE			3.28	ug/kg			3.33	ug/kg	
E1633	M6PFDA	13C6-PFDA	NE	NE	NE			1.58	ug/kg			NS		
E1633	M7PFUdA	13C7-PFUdA	NE	NE	NE			1.52	ug/kg			NS		
E1633	M9PFNA	13C9-PFNA	NE	NE	NE			1.71	ug/kg			NS		
E1633	N-deuterioethylperfluoro-1-octanesulfonamidoacetic acid	D5-NETFOSAA	NE	NE	NE			NS				6.99	ug/kg	
E1633	N-deuteriomethylperfluoro-1-octanesulfonamidoacetic acid	D3-NMEFOSAA	NE	NE	NE			NS				7.38	ug/kg	
E1633	N-ethyl perfluorooctanesulfonamide (NEtFOSE)	4151-50-2	NE	NE	NE			ND < 0.220	ug/kg	U		ND < 0.216	ug/kg	U
E1633	N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	1691-99-2	NE	NE	NE			ND < 2.20	ug/kg	U		ND < 2.16	ug/kg	U
E1633	N-ethyl-d5-perfluoro-1-octanesulfonamide	936109-40-9	NE	NE	NE			NS				2.72	ug/kg	
E1633	N-ethyl-d5-perfluoro-1-octanesulfonamidoacetic acid	D5-ETFOSEAA	NE	NE	NE			7.87	ug/kg			NS		
E1633	N-Ethyl-N-((heptadecafluorooctyl)sulfonyl) glycine	2991-50-6	NE	NE	NE			ND < 0.550	ug/kg	U		ND < 0.540	ug/kg	U
E1633	N-methyl perfluorooctanesulfonamide (NMeFOSE)	31506-32-8	NE	NE	NE			ND < 0.220	ug/kg	U		ND < 0.216	ug/kg	U
E1633	N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	2448-09-7	NE	NE	NE			ND < 2.20	ug/kg	U		ND < 2.16	ug/kg	U
E1633	N-methyl-d3-perfluoro-1-octanesulfonamide	936109-37-4	NE	NE	NE			NS				2.69	ug/kg	
E1633	N-methyl-d3-perfluoro-1-octanesulfonamidoacetic acid	D3-MEFOSEAA	NE	NE	NE			7.50	ug/kg			NS		
E1633	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	113507-82-7	NE	NE	NE			ND < 0.392	ug/kg	U		ND < 0.385	ug/kg	U
E1633	Perfluoro(2-Propoxypropanoic) Acid	13252-13-6	NE	NE	NE			ND < 0.880	ug/kg	U		ND < 0.864	ug/kg	U
E1633	Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	M8PFOS	NE	NE	NE			3.57	ug/kg			NS		
E1633	Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFbs)	M3PFBS	NE	NE	NE			3.25	ug/kg			3.40	ug/kg	
E1633	Perfluoro-1-[13C8] octanesulfonamide	M8FOSA	NE	NE	NE			3.40	ug/kg			NS		
E1633	Perfluoro-3-methoxypropanoic acid (PFMPA)	377-73-1	NE	NE	NE			ND < 0.440	ug/kg	U		ND < 0.432	ug/kg	U
E1633	Perfluoro-4-methoxybutanoic acid (PFMBA)	863090-89-5	NE	NE	NE			ND < 0.440	ug/kg	U		ND < 0.432	ug/kg	U
E1633	Perfluorobutanesulfonic acid (PFBS)	375-73-5	NE	NE	NE			ND < 0.195	ug/kg	U		ND < 0.191	ug/kg	U
E1633	Perfluorobutanoic Acid	375-22-4	NE	NE	NE			ND < 0.880	ug/kg	U		ND < 0.864	ug/kg	U
E1633	Perfluorodecane Sulfonic Acid	335-77-3	NE	NE	NE			ND < 0.212	ug/kg	U		ND < 0.208	ug/kg	U
E1633	Perfluorodecanoic acid (PFDA)	335-76-2	NE	NE	NE			ND < 0.220	ug/kg	U		ND < 0.216	ug/kg	U
E1633	Perfluorododecanesulfonic acid (PFDoS)	79780-39-5	NE	NE	NE			ND < 0.213	ug/kg	U		ND < 0.210	ug/kg	U
E1633	Perfluorododecanoic acid (PFDoA)	307-55-1	NE	NE	NE			ND < 0.220	ug/kg	U		ND < 0.216	ug/kg	U
E1633	Perfluoroheptane Sulfonate (PFHPS)	375-92-8	NE	NE	NE			ND < 0.220	ug/kg	U		ND < 0.216	ug/kg	U
E1633	Perfluoroheptanoic acid (PFHpA)	375-85-9	NE	NE	NE			ND < 0.220	ug/kg	U		ND < 0.216	ug/kg	U
E1633	Perfluorohexanesulfonic acid (PFHxS)	355-46-4	NE	NE	NE			ND < 0.201	ug/kg	U		ND < 0.198	ug/kg	U
E1633	Perfluorohexanoic acid (PFHxA)	307-24-4	NE	NE	NE			ND < 0.220	ug/kg	U		ND < 0.216	ug/kg	U
E1633	Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDaA)	960315-52-0	NE	NE	NE			1.46	ug/kg			1.70	ug/kg	
E1633	Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	13C5-PFPEA	NE	NE	NE			6.65	ug/kg			NS		
E1633	Perfluoro-n-[13C8]octanoic acid (M8PFOA)	13C8-PFOA	NE	NE	NE			3.36	ug/kg			NS		
E1633	Perfluorononanesulfonic Acid (PFNS)	68259-12-1	NE	NE	NE			ND < 0.211	ug/kg	U		ND < 0.207	ug/kg	U
E1633	Perfluorononanoic acid (PFNA)	375-95-1	NE	NE	NE			ND < 0.220	ug/kg	U		ND < 0.216	ug/kg	U
E1633	Perfluorooctane Sulfonamide (FOSA)	754-91-6	NE	NE	NE			ND < 0.220	ug/kg	U		ND < 0.216	ug/kg	U
E1633	Perfluorooctanesulfonic acid (PFOS)	1763-23-1	0.88	44	440	ug/kg		0.276	ug/kg			ND < 0.201	ug/kg	U
E1633	Perfluorooctanoic acid (PFOA)	335-67-1	0.66	33	500	ug/kg		ND < 0.220	ug/kg	U		0.0844	ug/kg	J
E1633	Perfluoropentanesulfonic Acid (PFPeS)	2706-91-4	NE	NE	NE			ND < 0.207	ug/kg	U		ND < 0.203	ug/kg	U
E1633	Perfluoropentanoic Acid (PFPeA)	2706-90-3	NE	NE	NE			ND < 0.440	ug/kg	U		ND < 0.432	ug/kg	U
E1633	Perfluorotetradecanoic acid (PFTA)	376-06-7	NE	NE	NE			ND < 0.220	ug/kg	U		ND < 0.216	ug/kg	U
E1633	Perfluorotridecanoic Acid (PFTrIA)	72629-94-8	NE	NE	NE			ND < 0.220	ug/kg	U		ND < 0.216	ug/kg	U
E1633	Perfluoroundecanoic Acid (PFUnA)	2058-94-8	NE	NE	NE			ND < 0.220	ug/kg	U		ND < 0.216	ug/kg	U
E1633	Sodium 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]-decane sulfonate (8:2)	M2-8:2FTS	NE	NE	NE			7.94	ug/kg			8.53	ug/kg	
E1633	Sodium 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]-hexane sulfonate (4:2)	M2-4:2FTS	NE	NE	NE			8.10	ug/kg			8.64	ug/kg	
E1633	Sodium 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]-octane sulfonate (6:2)	M2-6:2FTS	NE	NE	NE			9.12	ug/kg			8.37	ug/kg	
E1633	Sodium 1H,1H,2H,2H-Perfluorodecane Sulfonate (8:2)	39108-34-4	NE	NE	NE			ND < 0.845	ug/kg	U		ND < 0.830	ug/kg	U
E1633	Sodium 1H,1H,2H,2H-Perfluorohexane Sulfonate (4:2)	757124-72-4	NE	NE	NE			ND < 0.825	ug/kg	U		ND < 0.810	ug/kg	U
E1633	Sodium 1H,1H,2H,2H-Perfluorooctane Sulfonate (6:2)	27619-97-2	NE	NE	NE			ND < 0.836	ug/kg	U		ND < 0.821	ug/kg	U

Notes:
 Standards are for respective Soil Cleanup Objectives per NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives (UUSCOs),
 Restricted Residential Soil Cleanup Objectives (RRSCOs), & Commercial Soil Cleanup Objectives (CSCOs);
 Yellow Shading designates those compounds detected at concentrations exceeding UUSCOs;
 Orange shading designates those compounds detected at concentration exceeding RRSCOs;
 Red shading designates those compounds detected at concentration exceeding CSCOs;
 NS = Analyte not sampled for;
 NE = No standard established; &
 ND and U = Not detected at method detection limit for sample.

Table 5 - SVOCs in Groundwater Samples
 Compared to Class GA Groundwater Quality Standards per 6NYCRR Part 700-705
 24-42 Johnes Street, Newburgh, NY
 PVE File #561295

			Date Sampled		9/5/2025	
			Location		MW-1	
			Sample ID		MW-1 20250905	
Method	Analyte	CAS RN	CLASS GA	Unit	Result	Unit Q
SW8270	1,2,4,5-Tetrachlorobenzene	95-94-3	5	ug/l	ND< 5.00	ug/l U
SW8270	1,2,4-Trichlorobenzene	120-82-1	5	ug/l	ND< 5.00	ug/l U
SW8270	1,2-Dichlorobenzene	95-50-1	3	ug/l	ND< 5.00	ug/l U
SW8270	1,2-Diphenylhydrazine	122-66-7	0	ug/l	ND< 5.00	ug/l U
SW8270	1,3-Dichlorobenzene	541-73-1	3	ug/l	ND< 5.00	ug/l U
SW8270	1,4-Dichlorobenzene	106-46-7	3	ug/l	ND< 5.00	ug/l U
SW8270	2,3,4,6-Tetrachlorophenol	58-90-2	NE		ND< 5.00	ug/l U
SW8270	2,4,5-Trichlorophenol	95-95-4	NE		ND< 5.00	ug/l U
SW8270	2,4,6-Trichlorophenol	88-06-2	NE		ND< 5.00	ug/l U
SW8270	2,4-Dichlorophenol	120-83-2	1	ug/l	ND< 5.00	ug/l U
SW8270	2,4-Dimethylphenol	105-67-9	5	ug/l	ND< 5.00	ug/l U
SW8270	2,4-Dinitrophenol	51-28-5	1	ug/l	ND< 5.00	ug/l U
SW8270	2,4-Dinitrotoluene	121-14-2	5	ug/l	ND< 5.00	ug/l U
SW8270	2,6-Dinitrotoluene	606-20-2	5	ug/l	ND< 5.00	ug/l U
SW8270	2-Chloronaphthalene	91-58-7	10	ug/l	ND< 5.00	ug/l U
SW8270	2-Chlorophenol	95-57-8	NE		ND< 5.00	ug/l U
SW8270	2-Methylnaphthalene	91-57-6	NE		ND< 5.00	ug/l U
SW8270	2-Methylphenol (O-Cresol)	00095-48-7	NE		ND< 5.00	ug/l U
SW8270	2-Nitroaniline	88-74-4	5	ug/l	ND< 5.00	ug/l U
SW8270	2-Nitrophenol	88-75-5	NE		ND< 5.00	ug/l U
SW8270	3,3'-Dichlorobenzidine	91-94-1	5	ug/l	ND< 5.00	ug/l U
SW8270	3-Nitroaniline	99-09-2	5	ug/l	ND< 5.00	ug/l U
SW8270	4,6-Dinitro-2-Methylphenol	534-52-1	NE		ND< 5.00	ug/l U
SW8270	4-Bromophenyl Phenyl Ether	101-55-3	NE		ND< 5.00	ug/l U
SW8270	4-Chloro-3-Methylphenol	59-50-7	NE		ND< 5.00	ug/l U
SW8270	4-Chloroaniline	106-47-8	5	ug/l	ND< 5.00	ug/l U
SW8270	4-Chlorophenyl Phenyl Ether	7005-72-3	NE		ND< 5.00	ug/l U
SW8270	4-Nitroaniline	100-01-6	5	ug/l	ND< 5.00	ug/l U
SW8270	4-Nitrophenol	100-02-7	NE		ND< 5.00	ug/l U
SW8270	Acetophenone	98-86-2	NE		ND< 5.00	ug/l U
SW8270	Aniline	62-53-3	5	ug/l	ND< 5.00	ug/l U
SW8270	Benzaldehyde	100-52-7	NE		ND< 5.00	ug/l U
SW8270	Benzidine	92-87-5	5	ug/l	ND< 5.00	ug/l U
SW8270	Benzoic Acid	65-85-0	NE		ND< 5.00	ug/l U
SW8270	Benzyl Alcohol	100-51-6	NE		ND< 5.00	ug/l U
SW8270	Benzyl Butyl Phthalate	85-68-7	50	ug/l	ND< 5.00	ug/l U
SW8270	Biphenyl (Diphenyl)	92-52-4	5	ug/l	ND< 5.00	ug/l U
SW8270	Bis(2-Chloroethoxy) Methane	111-91-1	5	ug/l	ND< 5.00	ug/l U
SW8270	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	111-44-4	1	ug/l	ND< 5.00	ug/l U
SW8270	Bis(2-Chloroisopropyl) Ether	108-60-1	5	ug/l	ND< 5.00	ug/l U
SW8270	Caprolactam	105-60-2	NE		ND< 5.00	ug/l U
SW8270	Carbazole	86-74-8	NE		ND< 5.00	ug/l U
SW8270	Dibenzofuran	132-64-9	NE		ND< 5.00	ug/l U
SW8270	Diethyl Phthalate	84-66-2	50	ug/l	ND< 5.00	ug/l U
SW8270	Dimethyl Phthalate	131-11-3	50	ug/l	ND< 5.00	ug/l U
SW8270	Di-N-Butyl Phthalate	84-74-2	50	ug/l	ND< 5.00	ug/l U
SW8270	Di-N-Octylphthalate	117-84-0	50	ug/l	ND< 5.00	ug/l U
SW8270	Diphenylamine	122-39-4	5	ug/l	ND< 5.00	ug/l U
SW8270	Hexachlorocyclopentadiene	77-47-4	5	ug/l	ND< 10.0	ug/l U
SW8270	Isophorone	00078-59-1	NE		ND< 5.00	ug/l U
SW8270	M+P MethylPhenol	65794-96-9	NE		ND< 5.00	ug/l U
SW8270	N-Nitrosodi-N-Propylamine	621-64-7	NE		ND< 5.00	ug/l U
SW8270	N-Nitrosodiphenylamine	86-30-6	50	ug/l	ND< 5.00	ug/l U
SW8270	Phenol	108-95-2	1	ug/l	ND< 5.00	ug/l U
SW8270DSIM	Acenaphthene	83-32-9	20	ug/l	ND< 0.0500	ug/l U
SW8270DSIM	Acenaphthylene	208-96-8	NE		ND< 0.0500	ug/l U
SW8270DSIM	Anthracene	120-12-7	NE		ND< 0.0500	ug/l U
SW8270DSIM	Atrazine	1912-24-9	7.5	ug/l	ND< 0.500	ug/l U
SW8270DSIM	Benzo(A)Anthracene	56-55-3	0.002	ug/l	ND< 0.0500	ug/l U
SW8270DSIM	Benzo(A)Pyrene	50-32-8	0	ug/l	ND< 0.0500	ug/l U
SW8270DSIM	Benzo(B)Fluoranthene	205-99-2	0.002	ug/l	ND< 0.0500	ug/l U
SW8270DSIM	Benzo(G,H,I)Perylene	191-24-2	NE		ND< 0.0500	ug/l U
SW8270DSIM	Benzo(K)Fluoranthene	207-08-9	0.002	ug/l	ND< 0.0500	ug/l U
SW8270DSIM	Bis(2-Ethylhexyl) Phthalate	117-81-7	5	ug/l	ND< 0.500	ug/l U
SW8270DSIM	Chrysene	218-01-9	0.002	ug/l	ND< 0.0500	ug/l U
SW8270DSIM	Dibenz(A,H)Anthracene	53-70-3	NE		ND< 0.0500	ug/l U
SW8270DSIM	Fluoranthene	206-44-0	50	ug/l	ND< 0.0500	ug/l U
SW8270DSIM	Fluorene	86-73-7	50	ug/l	0.110	ug/l U
SW8270DSIM	Hexachlorobenzene	118-74-1	0.04	ug/l	ND< 0.0200	ug/l U
SW8270DSIM	Hexachlorobutadiene	87-68-3	0.5	ug/l	ND< 0.500	ug/l U
SW8270DSIM	Hexachloroethane	67-72-1	5	ug/l	ND< 0.500	ug/l U
SW8270DSIM	Indeno(1,2,3-C,D)Pyrene	193-39-5	0.002	ug/l	ND< 0.0500	ug/l U
SW8270DSIM	Naphthalene	91-20-3	10	ug/l	ND< 0.0500	ug/l U
SW8270DSIM	Nitrobenzene	98-95-3	0.4	ug/l	ND< 0.250	ug/l U
SW8270DSIM	N-Nitrosodimethylamine	62-75-9	NE		ND< 0.500	ug/l U
SW8270DSIM	Pentachlorophenol	87-86-5	1.5	ug/l	ND< 0.250	ug/l U
SW8270DSIM	Phenanthrene	85-01-8	50	ug/l	ND< 0.0500	ug/l U
SW8270DSIM	Pyrene	129-00-0	50	ug/l	ND< 0.0500	ug/l U

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

Table 6 - Metals in Groundwater Samples
 Compared to Class GA Groundwater Quality Standards per 6NYCRR Part 700-705
 24-42 Johnes Street, Newburgh, NY
 PVE File #561295

				Date Sampled	9/5/2025	
				Location	MW-1	
				Sample ID	MW-1 20250905	
Method	Analyte	CAS RN	CLASS GA	Unit	Result	Unit Q
TOTAL METALS						
SW6020	Arsenic	7440-38-2	0.025	mg/l	0.0028	ug/l
SW6020	Barium	7440-39-3	1	mg/l	0.19	ug/l
SW6020	Cadmium	7440-43-9	0.005	mg/l	ND< 0.0011	ug/l U
SW6020	Chromium, Total	7440-47-3	0.05	mg/l	0.006	ug/l
SW6020	Lead	7439-92-1	0.025	mg/l	0.011	ug/l
SW6020	Selenium	7782-49-2	0.01	mg/l	ND< 0.0056	ug/l U
SW6020	Silver	7440-22-4	0.05	mg/l	ND< 0.0022	ug/l U
SW7470	Mercury	7439-97-6	0.0007	mg/l	ND< 0.0002	ug/l U
DISSOLVED METALS						
SW6020	Arsenic	7440-38-2	0.025	mg/l	ND< 0.0033	ug/l U
SW6020	Barium	7440-39-3	1	mg/l	0.08	ug/l
SW6020	Cadmium	7440-43-9	0.005	mg/l	ND< 0.0011	ug/l U
SW6020	Chromium, Total	7440-47-3	0.05	mg/l	ND< 0.0022	ug/l U
SW6020	Lead	7439-92-1	0.025	mg/l	ND< 0.0022	ug/l U
SW6020	Selenium	7782-49-2	0.01	mg/l	ND< 0.0056	ug/l U
SW6020	Silver	7440-22-4	0.05	mg/l	ND< 0.0022	ug/l U
SW7470	Mercury	7439-97-6	0.0007	mg/l	ND< 0.0002	ug/l U

Notes:

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

Table 7 - VOCs in Soil Vapor Samples
 Compared to NYSDOH Decision Matrices
 24-42 Johnes Street, Newburgh, NY
 PVE File #561295

Analyte	CAS RN	NFA	Identify Source(s), Resample or Mitigate / or Monitor	Mitigate	Unit	Date Sampled Location Sample ID		7/31/2025 SV-1 SV-1 20250731			7/31/2025 SV-2 SV-2 20250731			7/31/2025 SV-3 SV-3 20250731		
								Result	Unit	Q	Result	Unit	Q	Result	Unit	Q
1,1,1,2-Tetrachloroethane	630-20-6	NE	NE	NE				ND< 0.95	ug/m3	U	ND< 5.5	ug/m3	U	ND< 0.96	ug/m3	U
1,1,1-Trichloroethane (TCA)	71-55-6	<100	100 - 1,000	>1,000	ug/m3			ND< 0.76	ug/m3	U	ND< 4.3	ug/m3	U	ND< 0.76	ug/m3	U
1,1,2,2-Tetrachloroethane	79-34-5	NE	NE	NE				ND< 0.95	ug/m3	U	ND< 5.5	ug/m3	U	ND< 0.96	ug/m3	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	NE	NE	NE				ND< 1.1	ug/m3	U	ND< 6.1	ug/m3	U	ND< 1.1	ug/m3	U
1,1,2-Trichloroethane	79-00-5	NE	NE	NE				ND< 0.76	ug/m3	U	ND< 4.3	ug/m3	U	ND< 0.76	ug/m3	U
1,1-Dichloroethane	75-34-3	NE	NE	NE				ND< 0.56	ug/m3	U	ND< 3.2	ug/m3	U	ND< 0.56	ug/m3	U
1,1-Dichloroethene	75-35-4	<6	6 - 60	>60	ug/m3			ND< 0.28	ug/m3	U	ND< 1.6	ug/m3	U	ND< 0.28	ug/m3	U
1,2,4-Trichlorobenzene	120-82-1	NE	NE	NE				ND< 52	ug/m3	U	ND< 300	ug/m3	U	ND< 52	ug/m3	U
1,2,4-Trimethylbenzene	95-63-6	<60	60 - 600	>600	ug/m3			72	ug/m3	J	13	ug/m3	J	35	ug/m3	J
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	NE	NE	NE				ND< 1.1	ug/m3	U	ND< 6.1	ug/m3	U	ND< 1.1	ug/m3	U
1,2-Dichlorobenzene	95-50-1	NE	NE	NE				ND< 0.84	ug/m3	U	ND< 4.8	ug/m3	U	ND< 0.84	ug/m3	U
1,2-Dichloroethane	107-06-2	NE	NE	NE				ND< 0.56	ug/m3	U	ND< 3.2	ug/m3	U	ND< 0.56	ug/m3	U
1,2-Dichloropropane	78-87-5	NE	NE	NE				ND< 0.64	ug/m3	U	ND< 3.7	ug/m3	U	ND< 0.64	ug/m3	U
1,2-Dichlorotetrafluoroethane	76-14-2	NE	NE	NE				ND< 0.97	ug/m3	U	ND< 5.6	ug/m3	U	ND< 0.97	ug/m3	U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	<60	60 - 600	>600	ug/m3			21	ug/m3	J	3.9	ug/m3	J	9.1	ug/m3	J
1,3-Butadiene	106-99-0	NE	NE	NE				12	ug/m3	J	ND< 5.3	ug/m3	U	7.1	ug/m3	J
1,3-Dichlorobenzene	541-73-1	NE	NE	NE				ND< 0.84	ug/m3	U	ND< 4.8	ug/m3	U	ND< 0.84	ug/m3	U
1,3-Dichloropropane	142-28-9	NE	NE	NE				ND< 0.64	ug/m3	U	ND< 3.7	ug/m3	U	ND< 0.64	ug/m3	U
1,4-Dichlorobenzene	106-46-7	NE	NE	NE				ND< 0.84	ug/m3	U	ND< 4.8	ug/m3	U	ND< 0.84	ug/m3	U
1,4-Dioxane (P-Dioxane)	123-91-1	NE	NE	NE				ND< 1.0	ug/m3	U	ND< 5.7	ug/m3	U	ND< 1.0	ug/m3	U
2,2,4-Trimethylpentane	540-84-1	<60	60 - 600	>600	ug/m3			28	ug/m3	J	100	ug/m3	J	13	ug/m3	J
2-Hexanone	591-78-6	NE	NE	NE				ND< 1.1	ug/m3	U	ND< 6.5	ug/m3	U	26	ug/m3	J
4-Ethyltoluene	622-96-8	NE	NE	NE				ND< 0.68	ug/m3	U	ND< 3.9	ug/m3	U	ND< 0.68	ug/m3	U
Acetone	67-64-1	NE	NE	NE				100	ug/m3	J	160	ug/m3	J	68	ug/m3	J
Acrylonitrile	107-13-1	NE	NE	NE				47	ug/m3	J	ND< 86	ug/m3	U	ND< 15	ug/m3	U
Allyl Chloride (3-Chloropropene)	107-05-1	NE	NE	NE				ND< 2.2	ug/m3	U	120	ug/m3	J	ND< 2.2	ug/m3	U
Benzene	71-43-2	<60	60 - 600	>600	ug/m3			18	ug/m3	J	25	ug/m3	J	6.9	ug/m3	J
Benzyl Chloride	100-44-7	NE	NE	NE				ND< 7.2	ug/m3	U	ND< 41	ug/m3	U	ND< 7.2	ug/m3	U
Bromodichloromethane	75-27-4	NE	NE	NE				110	ug/m3	J	ND< 5.3	ug/m3	U	26	ug/m3	J
Bromoform	75-25-2	NE	NE	NE				ND< 1.4	ug/m3	U	ND< 8.2	ug/m3	U	ND< 1.4	ug/m3	U
Bromomethane	74-83-9	NE	NE	NE				ND< 0.54	ug/m3	U	ND< 3.1	ug/m3	U	ND< 0.54	ug/m3	U
Carbon Disulfide	75-15-0	NE	NE	NE				17	ug/m3	J	ND< 2.5	ug/m3	U	3.5	ug/m3	J
Carbon Tetrachloride	56-23-5	<6	6 - 60	>60	ug/m3			0.53	ug/m3	J	ND< 1.3	ug/m3	U	ND< 0.22	ug/m3	U
Chlorobenzene	108-90-7	NE	NE	NE				ND< 0.64	ug/m3	U	ND< 3.7	ug/m3	U	ND< 0.64	ug/m3	U
Chloroethane	75-00-3	NE	NE	NE				6.0	ug/m3	J	ND< 2.1	ug/m3	U	ND< 0.37	ug/m3	U
Chloroform	67-66-3	NE	NE	NE				380	ug/m3	J	ND< 3.9	ug/m3	U	73	ug/m3	J
Chloromethane	74-87-3	NE	NE	NE				4.1	ug/m3	J	2.3	ug/m3	J	ND< 0.29	ug/m3	U
Cis-1,2-Dichloroethylene	156-59-2	<6	6 - 60	>60	ug/m3			ND< 0.28	ug/m3	U	ND< 1.6	ug/m3	U	ND< 0.28	ug/m3	U
Cis-1,3-Dichloropropene	10061-01-5	NE	NE	NE				ND< 0.63	ug/m3	U	ND< 3.6	ug/m3	U	ND< 0.63	ug/m3	U
Cyclohexane	110-82-7	<60	60 - 600	>600	ug/m3			16	ug/m3	J	27	ug/m3	J	4.7	ug/m3	J
Dibromochloromethane	124-48-1	NE	NE	NE				21	ug/m3	J	ND< 6.8	ug/m3	U	8.8	ug/m3	J
Dichlorodifluoromethane	75-71-8	NE	NE	NE				2.1	ug/m3	J	ND< 3.9	ug/m3	U	ND< 0.69	ug/m3	U
Ethyl Acetate	141-78-6	NE	NE	NE				ND< 25	ug/m3	J	220	ug/m3	J	ND< 25	ug/m3	J
Ethylbenzene	100-41-4	<60	60 - 600	>600	ug/m3			200	ug/m3	J	48	ug/m3	J	54	ug/m3	J
Hexachlorobutadiene	87-68-3	NE	NE	NE				ND< 1.5	ug/m3	U	ND< 8.5	ug/m3	U	ND< 1.5	ug/m3	U
Isopropanol	67-63-0	NE	NE	NE				2.4	ug/m3	J	12	ug/m3	J	2.9	ug/m3	J
m,p-Xylene	179601-23-1	<200	200 - 2,000	>2,000	ug/m3			490	ug/m3	J	83	ug/m3	J	95	ug/m3	J
Methyl Ethyl Ketone (2-Butanone)	78-93-3	NE	NE	NE				23	ug/m3	J	ND< 120	ug/m3	J	ND< 21	ug/m3	J
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NE	NE	NE				200	ug/m3	J	10	ug/m3	J	17	ug/m3	J
Methyl Methacrylate	80-62-6	NE	NE	NE				ND< 0.57	ug/m3	U	ND< 3.3	ug/m3	U	ND< 0.57	ug/m3	U
Methylene Chloride	75-09-2	<100	100 - 1,000	>1,000	ug/m3			7.1	ug/m3	J	ND< 17	ug/m3	U	ND< 2.9	ug/m3	U
Naphthalene	91-20-3	<60	60 - 600	>600	ug/m3			ND< 7.3	ug/m3	J	ND< 42	ug/m3	U	ND< 7.3	ug/m3	J
N-Heptane	142-82-5	<200	200 - 2,000	>2,000	ug/m3			39	ug/m3	J	37	ug/m3	J	11	ug/m3	J
N-Hexane	110-54-3	<200	200 - 2,000	>2,000	ug/m3			42	ug/m3	J	110	ug/m3	J	17	ug/m3	J
O-Xylene (1,2-Dimethylbenzene)	95-47-6	<60	60 - 600	>600	ug/m3			230	ug/m3	J	27	ug/m3	J	37	ug/m3	J
Propylene	115-07-1	NE	NE	NE				210	ug/m3	J	8.2	ug/m3	J	61	ug/m3	J
Styrene	100-42-5	NE	NE	NE				8.5	ug/m3	J	ND< 3.4	ug/m3	U	1.8	ug/m3	J
Tert-Butyl Methyl Ether	1634-04-4	NE	NE	NE				ND< 0.50	ug/m3	U	ND< 2.9	ug/m3	U	ND< 0.50	ug/m3	U
Tetrachloroethylene (PCE)	127-18-4	<100	100 - 1,000	>1,000	ug/m3			ND< 0.94	ug/m3	U	ND< 5.4	ug/m3	U	ND< 0.94	ug/m3	U
Tetrahydrofuran	109-99-9	NE	NE	NE				11	ug/m3	J	ND< 4.7	ug/m3	U	ND< 0.82	ug/m3	U
Toluene	108-88-3	<300	300 - 3,000	>3,000	ug/m3			140	ug/m3	J	150	ug/m3	J	72	ug/m3	J
Trans-1,2-Dichloroethene	156-60-5	NE	NE	NE				ND< 0.55	ug/m3	U	ND< 3.2	ug/m3	U	ND< 0.55	ug/m3	U
Trans-1,3-Dichloropropene	10061-02-6	NE	NE	NE				ND< 0.63	ug/m3	U	ND< 3.6	ug/m3	U	ND< 0.63	ug/m3	U
Trichloroethylene (TCE)	79-01-6	<6	6 - 60	>60	ug/m3			ND< 0.19	ug/m3	U	ND< 1.1	ug/m3	U	ND< 0.19	ug/m3	U
Trichlorofluoromethane	75-69-4	NE	NE	NE				1.2	ug/m3	J	7.2	ug/m3	J	1.1	ug/m3	J
Vinyl Acetate	108-05-4	NE	NE	NE				ND< 0.49	ug/m3	U	3.9	ug/m3	J	ND< 0.49	ug/m3	U
Vinyl Bromide	593-60-2	NE	NE	NE				ND< 0.61	ug/m3	U	ND< 3.5	ug/m3	U	ND< 0.61	ug/m3	U
Vinyl Chloride	75-01-4	<6	6 - 60	>60	ug/m3			0.25	ug/m3	J	ND< 1.0	ug/m3	U	ND< 0.18	ug/m3	U
Xylenes	1330-20-7	NE	NE	NE				780	ug/m3	J	110	ug/m3	J	130	ug/m3	J

Notes:

Standards are for respective NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York - 2017 & 2024 Revised Decision Matrices A, B, C, D, E, & F;

Green shading indicates "No Further Action";

Yellow shading indicates "Identify Source(s), Resample or Mitigate/or Monitor";

Orange shading indicates "Mitigate";

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

NE = No standard established; &

ND and U = Not detected at Method Detection Limit for sample.

SOIL VAPOR LOGS

VAPOR SAMPLING LOG

Project Name/Address: 24-42 Johnes Street, Newburgh, New York

PVE Project #: 561295

Sampler(s): AS

Weather: 71 Degrees, Rain/Overcast

NOTES: _____

KEY

Location Type:

(A) Sub-slab

(B) Soil vapor probe, pre-fabricated (6" Stainless Steel Probes)

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

(D) Ambient Air

Sampling Method:

(A) 1-L summa canister

(B) 6-L summa canister

(C) Other: _____

Purge Method:

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

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

(C) Other: _____

Apparent Moisture Content of Sampling Zone:

(A) Dry

(B) Moist

(C) Saturated

Sample ID	Location Type	Apparent Moisture	Sample Depth	Helium Tracer Test	Sampling Method	Purge Method	Purge Volume	Sample Start Date/Time	Sample End Date/Time	Canister ID	Regulator ID	Canister start vacuum	Canister end vacuum
SV-1	B	A	4'	PASS	B	4-GAS	1-3 VOL	7/31/2025 9:37	7/31/2025 12:01	22079	10948	-30+	-2
SV-2	B	A	4'	PASS	B	4-GAS	1-3 VOL	7/31/2025 9:40	7/31/2025 11:57	28309	7609	-29	-28
SV-3	B	A	4'	PASS	B	4-GAS	1-3 VOL	7/31/2025 9:43	7/31/2025 12:00	22076	20450	-30	-2

Analytical Laboratory: York Analytical

Date Shipped to Lab: August 1, 2025

Delivery Service: FedEx UPS X Courier

SOIL BORING LOGS

BORING NUMBER SB-9

PAGE 1 OF 1



48 Springside Avenue
Poughkeepsie, NY 12603
Telephone: 845-454-2544

CLIENT Shaw Building, LP	PROJECT NAME Eligibility Sampling
PROJECT NUMBER 561295 DATE	PROJECT LOCATION 24-42 Johnes Street, Newburgh, NY 12550
STARTED 7/31/25 COMPLETED 7/31/25	GROUND ELEVATION HOLE SIZE 2 1/4 inches
DRILLING CONTRACTOR PVEDi	GROUND WATER LEVELS:
DRILLING METHOD Direct Push via GeoProbe 54DT	AT TIME OF DRILLING ---
LOGGED BY Anthony Spadavecchia CHECKED BY SMA	AT END OF DRILLING ---
NOTES	AFTER DRILLING ---

GENERAL BH / TP / WELL - GINT STD US LAB.GDT - 9/22/25 11:47 - Z:\561295 - 24-42 JOHNES STREET, CITY OF NEWBURGH, ORANGE COUNTY, NY\ELIGIBILITY SOIL SAMPLING\SOIL BORING LOGS\SOIL BORING LOGS.GPJ

DEPTH (ft)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	ENVIRONMENTAL DATA
0.0					
0.2				Asphalt parking lot.	
				FILL - Light brown silt, some clay; little coal fragments.	
0.5				FILL - Dark brown/black fine and medium sand, some silt, little gravel; some coal and brick fragments.	PID = 0.4
1.0	GB 0.5 - 1			(ML) Light brown silt, some clay; moist to saturated.	
2.5					
5.0					
6.5					

Refusal at 6.5 feet.
Bottom of borehole at 6.5 feet.



48 Springside Avenue
Poughkeepsie, NY 12603
Telephone: 845-454-2544

BORING NUMBER SB-10

PAGE 1 OF 1

CLIENT	Shaw Building, LP	PROJECT NAME	Eligibility Sampling
PROJECT NUMBER	561295	PROJECT LOCATION	24-42 Johnes Street, Newburgh, NY 12550
DATE STARTED	8/11/25	COMPLETED	8/11/25
DRILLING CONTRACTOR	CoreDown Drilling	GROUND ELEVATION	
DRILLING METHOD	Track Mounted CME 550	HOLE SIZE	4 inches
LOGGED BY	Anthony Spadavecchia	CHECKED BY	SMA
NOTES			
GROUND WATER LEVELS:			
AT TIME OF DRILLING		---	
AT END OF DRILLING		---	
AFTER DRILLING		---	

GENERAL BH / TP / WELL - GINT STD US LAB.GDT - 9/22/25 11:47 - Z:\561295 - 24-42 JOHNES STREET, CITY OF NEWBURGH, ORANGE COUNTY, NY\ELIGIBILITY SOIL SAMPLING\SOIL BORING LOGS\SOIL BORING LOGS.GPJ

DEPTH (ft)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	ENVIRONMENTAL DATA
0.0					
0.1				Fill - silty sand topsoil.	
				Fill - Silty sand with gravel, fine to coarse grained sand, grey, some gravels.	
2.0					
2.5				Fill - Brown, sandy clay, fine to coarse grained sand; some gravels, moist.	
3.6					
				Fill - Brown fine sand; some gravels; moist.	
5.0					
5.5					
	GB 4 - 8'			Fill: Sandy clay, trace gravel, brown, fine to coarse grained sand, fine grained gravel, moist.	
7.5					
8.0					
		CL- ML		(CL-ML) Silty clay, some silt, brown, fine to coarse grained gravel; moist.	
9.4					
		ML		(ML) Brown silt, some clay; wet.	
10.0					
12.0					

PID = 0

Bottom of borehole at 12.0 feet.



48 Springside Avenue
Poughkeepsie, NY 12603
Telephone: 845-454-2544

BORING NUMBER SB-11

PAGE 1 OF 1

CLIENT Shaw Building, LP	PROJECT NAME Eligibility Sampling
PROJECT NUMBER 561295	PROJECT LOCATION 24-42 Johnes Street, Newburgh, NY 12550
DATE STARTED 8/11/25	COMPLETED 8/11/25
DRILLING CONTRACTOR CoreDown	GROUND ELEVATION _____ HOLE SIZE 4 inches
Drilling DRILLING METHOD Track Mounted	GROUND WATER LEVELS:
DESIGNED BY Anthony Spadavecchia	AT TIME OF DRILLING ---
CHECKED BY SMA	AT END OF DRILLING ---
NOTES	AFTER DRILLING ---

GENERAL BH / TP / WELL - GINT STD US LAB.GDT - 9/22/25 11:47 - Z:\561295 - 24-42 JOHNES STREET, CITY OF NEWBURGH, ORANGE COUNTY, NY\ELIGIBILITY SOIL SAMPLING\SOIL BORING LOGS\GPJ

DEPTH (ft)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	ENVIRONMENTAL DATA
0.0					
0.2				Asphalt parking lot.	
				Fill - Silty sand with gravel, fine to coarse grained sand, brown, fine to coarse grained gravel.	
2.0					
2.5				Fill: Sandy clay with gravel, brown, fine to coarse grained sand, fine to coarse grained gravel.	
4.0				(SC) Sandy clay, brown, fine to coarse grained sand, moist.	
5.0					PID = 0
7.5	GB 4 - 6'				
10.0		SC			
12.0					

Bottom of borehole at 12.0 feet.



48 Springside Avenue
Poughkeepsie, NY 12603
Telephone: 845-454-2544

BORING NUMBER SB-12

PAGE 1 OF 1

CLIENT	Shaw Building, LP	PROJECT NAME	Eligibility Sampling
PROJECT NUMBER	561295	PROJECT LOCATION	24-42 Johnes Street, Newburgh, NY 12550
DATE STARTED	8/12/25	COMPLETED	8/12/25
DRILLING CONTRACTOR	CoreDown	GROUND ELEVATION	
DRILLING METHOD	Track Mounted	HOLE SIZE	4 inches
DESIGNED BY	Anthony Spadavecchia	GROUND WATER LEVELS:	
CHECKED BY	SMA	AT TIME OF DRILLING	---
NOTES		AT END OF DRILLING	---
		AFTER DRILLING	---

GENERAL BH / TP / WELL - GINT STD US LAB.GDT - 9/22/25 11:47 - Z:\561295 - 24-42 JOHNES STREET, CITY OF NEWBURGH, ORANGE COUNTY, NY\ELIGIBILITY SOIL SAMPLING\SOIL BORING LOGS\GPJ

DEPTH (ft)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	ENVIRONMENTAL DATA
0.0					
0.1				Fill - silty sand topsoil.	
				Fill - Silty sand with gravel + cobbles, fine to coarse grained sand, fine to coarse grained gravel; trace wood fragments.	
2.0					
2.5				Fill - Silty sand, fine to coarse grained sand, brown, moist.	
4.0					
5.0				Fill - Silty sand with gravel, fine to coarse grained sand, brown + grey, fine to coarse grained gravel.	
7.5					PID = 0
8.0	GB 4 - 8'			(CL-ML) Brown, sandy silty clay, some fine to coarse sand, some silt.	
10.0		CL-ML			
12.0					

Bottom of borehole at 12.0 feet.



48 Springside Avenue
Poughkeepsie, NY 12603
Telephone: 845-454-2544

BORING NUMBER SB-13

PAGE 1 OF 1

CLIENT	Shaw Building, LP	PROJECT NAME	Eligibility Sampling
PROJECT NUMBER	561295	PROJECT LOCATION	24-42 Johnes Street, Newburgh, NY 12550
DATE STARTED	8/12/25	COMPLETED	8/12/25
DRILLING CONTRACTOR	CoreDown	GROUND ELEVATION	
DRILLING METHOD	Track Mounted	HOLE SIZE	4 inches
LOGGED BY	Anthony Spadavecchia	CHECKED BY	SMA
NOTES			
GROUND WATER LEVELS:			
AT TIME OF DRILLING		---	
AT END OF DRILLING		---	
AFTER DRILLING		---	

GENERAL BH / TP / WELL - GINT STD US LAB.GDT - 9/22/25 11:47 - Z:\561295 - 24-42 JOHNES STREET, CITY OF NEWBURGH, ORANGE COUNTY, NY\ELIGIBILITY SOIL SAMPLING\SOIL BORING LOGS\LOGS.GPJ

DEPTH (ft)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	ENVIRONMENTAL DATA
0					
0.1				Fill - Silty sand topsoil.	
1				Fill - Silty sand with gravel, cobbles, fine to coarse grained sand, brown, fine to coarse grained gravel, trace roots + root fibers, moist.	
2					
3					
3.0				(SM) Silty sand, fine to coarse grained sand, brown; moist.	PID = 0
4	GB 2-5'				
5		SM			
5.0					

Bottom of borehole at 5.0 feet.



48 Springside Avenue
Poughkeepsie, NY 12603
Telephone: 845-454-2544

BORING NUMBER SB-14

PAGE 1 OF 1

CLIENT Shaw Building, LP	PROJECT NAME Eligibility Sampling
PROJECT NUMBER 561295	PROJECT LOCATION 24-42 Johnes Street, Newburgh, NY 12550
DATE STARTED 8/12/25	COMPLETED 8/12/25
DRILLING CONTRACTOR CoreDown	GROUND ELEVATION _____ HOLE SIZE 4 inches
DRILLING METHOD Track Mounted	GROUND WATER LEVELS:
DESIGNED BY Anthony Spadavecchia	AT TIME OF DRILLING ---
CHECKED BY SMA	AT END OF DRILLING ---
NOTES	AFTER DRILLING ---

GENERAL BH / TP / WELL - GINT STD US LAB.GDT - 9/22/25 11:47 - Z:\561295 - 24-42 JOHNES STREET, CITY OF NEWBURGH, ORANGE COUNTY, NY\ELIGIBILITY SOIL SAMPLING\SOIL BORING LOGS\GPGJ

DEPTH (ft)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	ENVIRONMENTAL DATA
0					
1				0.1 Fill - Silty sand topsoil. Fill - Silty sand with gravel, fine to coarse grained sand, dark brown, fine to coarse grained gravel; trace brick, roots + root fibers; moist.	
2				2.3 Brown silty, some fine to coarse sand; moist.	
3					
4	GB 2 - 6'			4.0 (SP-SC) Brown fine to coarse sand with clay, some gravels; moist.	PID = 0
5		SP-SC			
6				6.0	

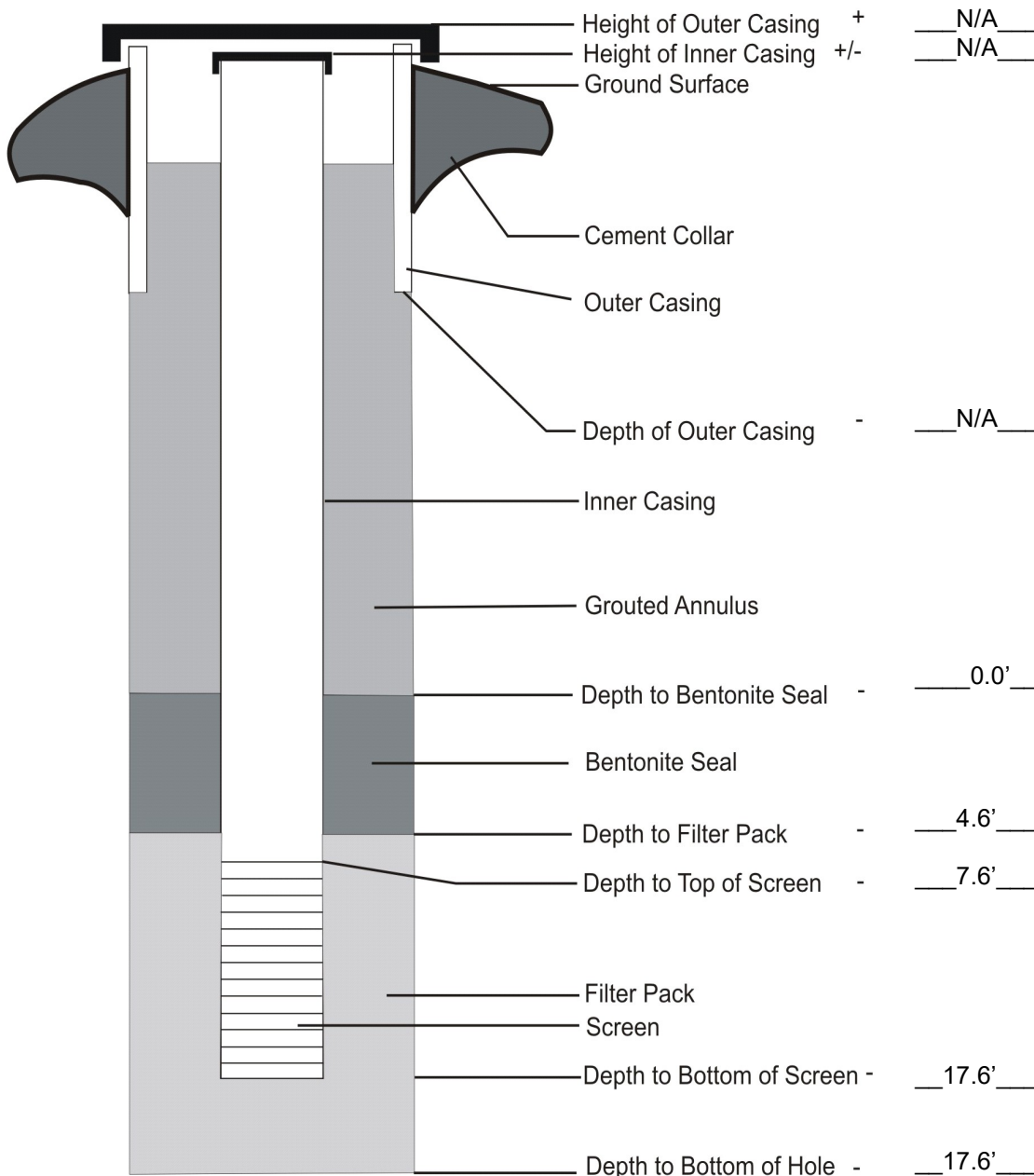
Bottom of borehole at 6.0 feet.

MONITORING WELL CONSTRUCTION DIAGRAM

Monitoring Well Construction Diagram

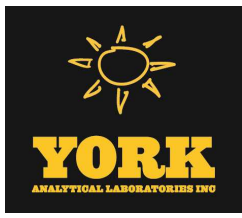
Project #: 561295	Driller: KMA
Project Name/Site: 24-42 Johnes Street	Drilling Method: Direct Push
Well #: MW-1	Drilling Fluid: N/A
Location:	Date Start: 9/15/25 Date End: 9/15/25
Technician: AER	Depth of Outer Casing: N/A
Elevation of Ground Surface: N/A	Depth of Inner Casing: N/A
Notes: Semi-permanent, no well casing.	Depth to Water (ATD): 16.9'

Elevations Relative to Land Surface



Macro-core Diameter	2.25 inch
Borehole Diameter	2.25 inch
Flush-to-grade Curb Box?	☐ Yes ☒ No
Stick-up Pipe?	☒ Yes ☐ No
Outer Casing Diameter	N/A
Outer Casing Material	N/A
Inner Casing Diameter	N/A
Inner Casing Material	N/A
Grout Type	N/A
Bentonite Type	Pellets
Filter Pack Type	Porous filter sand
Screen Type/Slot Size	PVC slotted (0.010 inch)

ANALYTICAL



Technical Report

prepared for:

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

Report Date: 08/11/2025
Client Project ID: 561295-0007
York Project (SDG) No.: 25H0002

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



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

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(203) 325-1371



132-02 89th AVENUE
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RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 08/11/2025
Client Project ID: 561295-0007
York Project (SDG) No.: 25H0002

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

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on August 01, 2025 and listed below. The project was identified as your project: **561295-0007**.

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

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

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

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

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

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
25H0002-01	SB-9 0.5-1 20250731	Soil	07/31/2025	08/01/2025

General Notes for York Project (SDG) No.: 25H0002

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

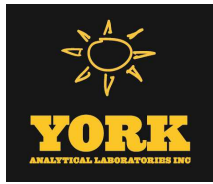
Approved By:



Cassie L. Mosher
Laboratory Manager

Date: 08/11/2025





Sample Information

Client Sample ID: SB-9 0.5-1 20250731

York Sample ID: 25H0002-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25H0002

561295-0007

Soil

July 31, 2025 10:35 am

08/01/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/08/2025 08:30	08/11/2025 12:33	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0903	0.180	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/08/2025 08:30	08/11/2025 12:33	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/08/2025 08:30	08/11/2025 12:33	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	08/08/2025 08:30	08/11/2025 12:33	SS
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/08/2025 08:30	08/11/2025 12:33	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	08/08/2025 08:30	08/11/2025 12:33	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	08/08/2025 08:30	08/11/2025 12:33	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0903	0.180	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/08/2025 08:30	08/11/2025 12:33	SS
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/08/2025 08:30	08/11/2025 12:33	SS
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/08/2025 08:30	08/11/2025 12:33	SS
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/08/2025 08:30	08/11/2025 12:33	SS
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/08/2025 08:30	08/11/2025 12:33	SS
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0903	0.180	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/08/2025 08:30	08/11/2025 12:33	SS
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/08/2025 08:30	08/11/2025 12:33	SS
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/08/2025 08:30	08/11/2025 12:33	SS
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/08/2025 08:30	08/11/2025 12:33	SS
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/08/2025 08:30	08/11/2025 12:33	SS
91-57-6	2-Methylnaphthalene	0.128		mg/kg dry	0.0452	0.0903	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/08/2025 08:30	08/11/2025 12:33	SS
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/08/2025 08:30	08/11/2025 12:33	SS
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0903	0.180	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/08/2025 08:30	08/11/2025 12:33	SS
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/08/2025 08:30	08/11/2025 12:33	SS
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/08/2025 08:30	08/11/2025 12:33	SS



Sample Information

Client Sample ID: SB-9 0.5-1 20250731

York Sample ID: 25H0002-01

York Project (SDG) No.
25H0002

Client Project ID
561295-0007

Matrix
Soil

Collection Date/Time
July 31, 2025 10:35 am

Date Received
08/01/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/08/2025 08:30	08/11/2025 12:33	SS
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0903	0.180	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/08/2025 08:30	08/11/2025 12:33	SS
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0903	0.180	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/08/2025 08:30	08/11/2025 12:33	SS
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/08/2025 08:30	08/11/2025 12:33	SS
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/08/2025 08:30	08/11/2025 12:33	SS
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/08/2025 08:30	08/11/2025 12:33	SS
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/08/2025 08:30	08/11/2025 12:33	SS
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0903	0.180	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/08/2025 08:30	08/11/2025 12:33	SS
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0903	0.180	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/08/2025 08:30	08/11/2025 12:33	SS
83-32-9	Acenaphthene	0.737		mg/kg dry	0.0452	0.0903	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	08/08/2025 08:30	08/11/2025 12:33	SS
208-96-8	Acenaphthylene	0.671		mg/kg dry	0.0452	0.0903	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	08/08/2025 08:30	08/11/2025 12:33	SS
98-86-2	Acetophenone	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/08/2025 08:30	08/11/2025 12:33	SS
62-53-3	Aniline	ND		mg/kg dry	0.181	0.361	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/08/2025 08:30	08/11/2025 12:33	SS
120-12-7	Anthracene	1.76		mg/kg dry	0.0452	0.0903	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	08/08/2025 08:30	08/11/2025 12:33	SS
1912-24-9	Atrazine	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/08/2025 08:30	08/11/2025 12:33	SS
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/08/2025 08:30	08/11/2025 12:33	SS
92-87-5	Benzidine	ND	CAL-E	mg/kg dry	0.181	0.361	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440	08/08/2025 08:30	08/11/2025 12:33	SS
56-55-3	Benzo(a)anthracene	7.99		mg/kg dry	0.452	0.903	20	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	08/08/2025 08:30	08/11/2025 14:04	SS
50-32-8	Benzo(a)pyrene	7.91		mg/kg dry	0.452	0.903	20	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	08/08/2025 08:30	08/11/2025 14:04	SS
205-99-2	Benzo(b)fluoranthene	6.92		mg/kg dry	0.452	0.903	20	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	08/08/2025 08:30	08/11/2025 14:04	SS
191-24-2	Benzo(g,h,i)perylene	5.14	CCVE	mg/kg dry	0.452	0.903	20	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	08/08/2025 08:30	08/11/2025 14:04	SS
207-08-9	Benzo(k)fluoranthene	5.93		mg/kg dry	0.452	0.903	20	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	08/08/2025 08:30	08/11/2025 14:04	SS
65-85-0	Benzoic acid	ND	CCVE	mg/kg dry	0.0452	0.0903	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/08/2025 08:30	08/11/2025 12:33	SS



Sample Information

Client Sample ID: SB-9 0.5-1 20250731

York Sample ID: 25H0002-01

York Project (SDG) No.
25H0002

Client Project ID
561295-0007

Matrix
Soil

Collection Date/Time
July 31, 2025 10:35 am

Date Received
08/01/2025

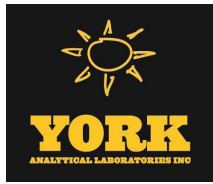
SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/08/2025 08:30	08/11/2025 12:33	SS
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/08/2025 08:30	08/11/2025 12:33	SS
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/08/2025 08:30	08/11/2025 12:33	SS
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/08/2025 08:30	08/11/2025 12:33	SS
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0452	0.0903	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/08/2025 08:30	08/11/2025 12:33	SS
117-81-7	Bis(2-ethylhexyl)phthalate	0.0606	J	mg/kg dry	0.0452	0.0903	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/08/2025 08:30	08/11/2025 12:33	SS
105-60-2	Caprolactam	ND		mg/kg dry	0.0903	0.180	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/08/2025 08:30	08/11/2025 12:33	SS
86-74-8	Carbazole	0.806		mg/kg dry	0.0452	0.0903	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/08/2025 08:30	08/11/2025 12:33	SS
218-01-9	Chrysene	7.78		mg/kg dry	0.452	0.903	20	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/08/2025 08:30	08/11/2025 14:04	SS
53-70-3	Dibenzo(a,h)anthracene	1.92	CCVE	mg/kg dry	0.0452	0.0903	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/08/2025 08:30	08/11/2025 12:33	SS
132-64-9	Dibenzofuran	0.368		mg/kg dry	0.0452	0.0903	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/08/2025 08:30	08/11/2025 12:33	SS
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/08/2025 08:30	08/11/2025 12:33	SS
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/08/2025 08:30	08/11/2025 12:33	SS
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/08/2025 08:30	08/11/2025 12:33	SS
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/08/2025 08:30	08/11/2025 12:33	SS
206-44-0	Fluoranthene	17.0		mg/kg dry	0.452	0.903	20	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/08/2025 08:30	08/11/2025 14:04	SS
86-73-7	Fluorene	0.636		mg/kg dry	0.0452	0.0903	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/08/2025 08:30	08/11/2025 12:33	SS
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/08/2025 08:30	08/11/2025 12:33	SS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/08/2025 08:30	08/11/2025 12:33	SS
77-47-4	Hexachlorocyclopentadiene	ND	CAL-E, CCVE	mg/kg dry	0.0452	0.0903	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/08/2025 08:30	08/11/2025 12:33	SS
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/08/2025 08:30	08/11/2025 12:33	SS
193-39-5	Indeno(1,2,3-cd)pyrene	5.14	CCVE	mg/kg dry	0.452	0.903	20	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/08/2025 08:30	08/11/2025 14:04	SS
78-59-1	Isophorone	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/08/2025 08:30	08/11/2025 12:33	SS



Sample Information

Client Sample ID: SB-9 0.5-1 20250731

York Sample ID: 25H0002-01

York Project (SDG) No.

25H0002

Client Project ID

561295-0007

Matrix

Soil

Collection Date/Time

July 31, 2025 10:35 am

Date Received

08/01/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	0.194		mg/kg dry	0.0452	0.0903	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	08/08/2025 08:30	08/11/2025 12:33	SS
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/08/2025 08:30	08/11/2025 12:33	SS
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0452	0.0903	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/08/2025 08:30	08/11/2025 12:33	SS
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/08/2025 08:30	08/11/2025 12:33	SS
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/08/2025 08:30	08/11/2025 12:33	SS
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0452	0.0903	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/08/2025 08:30	08/11/2025 12:33	SS
85-01-8	Phenanthrene	9.73		mg/kg dry	0.452	0.903	20	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	08/08/2025 08:30	08/11/2025 14:04	SS
108-95-2	Phenol	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/08/2025 08:30	08/11/2025 12:33	SS
129-00-0	Pyrene	14.9		mg/kg dry	0.452	0.903	20	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	08/08/2025 08:30	08/11/2025 14:04	SS
110-86-1	Pyridine	ND	CCVE	mg/kg dry	0.181	0.361	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/08/2025 08:30	08/11/2025 12:33	SS
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	37.9 %	20-108								
13127-88-3	Surrogate: SURR: Phenol-d6	33.7 %	23-114								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	43.1 %	22-108								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	46.9 %	21-113								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	62.6 %	19-110								
1718-51-0	Surrogate: SURR: Terphenyl-d14	58.1 %	24-116								

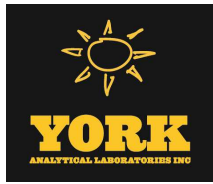
Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	6.08		mg/kg dry	1.38	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	08/05/2025 14:42	08/06/2025 15:12	AGNR
7440-39-3	Barium	185		mg/kg dry	2.30	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	08/05/2025 14:42	08/06/2025 15:12	AGNR
7440-43-9	Cadmium	0.406		mg/kg dry	0.277	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	08/05/2025 14:42	08/06/2025 15:12	AGNR
7440-47-3	Chromium	52.9		mg/kg dry	0.462	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	08/05/2025 14:42	08/06/2025 15:12	AGNR
7439-92-1	Lead	497		mg/kg dry	0.462	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	08/05/2025 14:42	08/06/2025 15:12	AGNR



Sample Information

Client Sample ID: SB-9 0.5-1 20250731

York Sample ID: 25H0002-01

York Project (SDG) No.

25H0002

Client Project ID

561295-0007

Matrix

Soil

Collection Date/Time

July 31, 2025 10:35 am

Date Received

08/01/2025

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7782-49-2	Selenium	ND		mg/kg dry	2.31	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/05/2025 14:42	08/06/2025 15:12	AGNR
7440-22-4	Silver	ND		mg/kg dry	0.465	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/05/2025 14:42	08/06/2025 15:12	AGNR

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.190		mg/kg dry	0.0332	1	EPA 7473 Certifications: CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044	08/05/2025 16:54	08/06/2025 09:39	DBT

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	90.3		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	08/06/2025 07:19	08/06/2025 10:12	BF



Analytical Batch Summary

Batch ID: BH50317 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
25H0002-01	SB-9 0.5-1 20250731	08/05/25
BH50317-BLK1	Blank	08/05/25
BH50317-SRM1	Reference	08/05/25

Batch ID: BH50346 **Preparation Method:** EPA 7473 soil **Prepared By:** JWT

YORK Sample ID	Client Sample ID	Preparation Date
25H0002-01	SB-9 0.5-1 20250731	08/05/25
BH50346-BLK1	Blank	08/05/25
BH50346-SRM1	Reference	08/05/25

Batch ID: BH50359 **Preparation Method:** % Solids Prep **Prepared By:** BNF

YORK Sample ID	Client Sample ID	Preparation Date
25H0002-01	SB-9 0.5-1 20250731	08/06/25

Batch ID: BH50626 **Preparation Method:** EPA 3550C **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
25H0002-01	SB-9 0.5-1 20250731	08/08/25
25H0002-01RE1	SB-9 0.5-1 20250731	08/08/25
BH50626-BLK1	Blank	08/08/25
BH50626-BS1	LCS	08/08/25



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH50626 - EPA 3550C

Blank (BH50626-BLK1)

Prepared & Analyzed: 08/08/2025

1,1-Biphenyl	ND	0.0416	mg/kg wet
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"
1,2,4-Trichlorobenzene	ND	0.0416	"
1,2-Dichlorobenzene	ND	0.0416	"
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0416	"
1,3-Dichlorobenzene	ND	0.0416	"
1,4-Dichlorobenzene	ND	0.0416	"
2,3,4,6-Tetrachlorophenol	ND	0.0830	"
2,4,5-Trichlorophenol	ND	0.0416	"
2,4,6-Trichlorophenol	ND	0.0416	"
2,4-Dichlorophenol	ND	0.0416	"
2,4-Dimethylphenol	ND	0.0416	"
2,4-Dinitrophenol	ND	0.0830	"
2,4-Dinitrotoluene	ND	0.0416	"
2,6-Dinitrotoluene	ND	0.0416	"
2-Chloronaphthalene	ND	0.0416	"
2-Chlorophenol	ND	0.0416	"
2-Methylnaphthalene	ND	0.0416	"
2-Methylphenol	ND	0.0416	"
2-Nitroaniline	ND	0.0830	"
2-Nitrophenol	ND	0.0416	"
3- & 4-Methylphenols	ND	0.0416	"
3,3-Dichlorobenzidine	ND	0.0416	"
3-Nitroaniline	ND	0.0830	"
4,6-Dinitro-2-methylphenol	ND	0.0830	"
4-Bromophenyl phenyl ether	ND	0.0416	"
4-Chloro-3-methylphenol	ND	0.0416	"
4-Chloroaniline	ND	0.0416	"
4-Chlorophenyl phenyl ether	ND	0.0416	"
4-Nitroaniline	ND	0.0830	"
4-Nitrophenol	ND	0.0830	"
Acenaphthene	ND	0.0416	"
Acenaphthylene	ND	0.0416	"
Acetophenone	ND	0.0416	"
Aniline	ND	0.166	"
Anthracene	ND	0.0416	"
Atrazine	ND	0.0416	"
Benzaldehyde	ND	0.0416	"
Benzdine	ND	0.166	"
Benzo(a)anthracene	ND	0.0416	"
Benzo(a)pyrene	ND	0.0416	"
Benzo(b)fluoranthene	ND	0.0416	"
Benzo(g,h,i)perylene	ND	0.0416	"
Benzo(k)fluoranthene	ND	0.0416	"
Benzoic acid	ND	0.0416	"
Benzyl alcohol	ND	0.0416	"
Benzyl butyl phthalate	ND	0.0416	"
Bis(2-chloroethoxy)methane	ND	0.0416	"
Bis(2-chloroethyl)ether	ND	0.0416	"
Bis(2-chloroisopropyl)ether	ND	0.0416	"



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH50626 - EPA 3550C

Blank (BH50626-BLK1)

Prepared & Analyzed: 08/08/2025

Bis(2-ethylhexyl)phthalate	ND	0.0416	mg/kg wet								
Caprolactam	ND	0.0830	"								
Carbazole	ND	0.0416	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								
Dibenzofuran	ND	0.0416	"								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Hexachlorobutadiene	ND	0.0416	"								
Hexachlorocyclopentadiene	ND	0.0416	"								
Hexachloroethane	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Isophorone	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Nitrobenzene	ND	0.0416	"								
N-Nitrosodimethylamine	ND	0.0416	"								
N-nitroso-di-n-propylamine	ND	0.0416	"								
N-Nitrosodiphenylamine	ND	0.0416	"								
Pentachlorophenol	ND	0.0416	"								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Pyridine	ND	0.166	"								
Surrogate: SURR: 2-Fluorophenol	0.852		"	1.66		51.3	20-108				
Surrogate: SURR: Phenol-d6	0.716		"	1.66		43.1	23-114				
Surrogate: SURR: Nitrobenzene-d5	0.420		"	0.831		50.6	22-108				
Surrogate: SURR: 2-Fluorobiphenyl	0.365		"	0.831		44.0	21-113				
Surrogate: SURR: 2,4,6-Tribromophenol	0.885		"	1.66		53.3	19-110				
Surrogate: SURR: Terphenyl-d14	0.456		"	0.831		54.9	24-116				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH50626 - EPA 3550C											
LCS (BH50626-BS1)						Prepared & Analyzed: 08/08/2025					
1,1-Biphenyl	0.305	0.0416	mg/kg wet	0.831		36.7	18-111				
1,2,4,5-Tetrachlorobenzene	0.278	0.0830	"	0.831		33.4	21-131				
1,2,4-Trichlorobenzene	0.304	0.0416	"	0.831		36.6	10-140				
1,2-Dichlorobenzene	0.280	0.0416	"	0.831		33.7	34-108	Low Bias			
1,2-Diphenylhydrazine (as Azobenzene)	0.301	0.0416	"	0.831		36.2	17-137				
1,3-Dichlorobenzene	0.286	0.0416	"	0.831		34.4	33-110				
1,4-Dichlorobenzene	0.304	0.0416	"	0.831		36.6	32-104				
2,3,4,6-Tetrachlorophenol	0.409	0.0830	"	0.831		49.2	30-130				
2,4,5-Trichlorophenol	0.298	0.0416	"	0.831		35.8	27-118				
2,4,6-Trichlorophenol	0.345	0.0416	"	0.831		41.6	31-120				
2,4-Dichlorophenol	0.342	0.0416	"	0.831		41.2	20-127				
2,4-Dimethylphenol	0.321	0.0416	"	0.831		38.6	14-132				
2,4-Dinitrophenol	0.253	0.0830	"	0.831		30.5	10-171				
2,4-Dinitrotoluene	0.326	0.0416	"	0.831		39.3	34-131				
2,6-Dinitrotoluene	0.317	0.0416	"	0.831		38.2	31-128				
2-Chloronaphthalene	0.274	0.0416	"	0.831		33.0	31-117				
2-Chlorophenol	0.302	0.0416	"	0.831		36.4	33-113				
2-Methylnaphthalene	0.278	0.0416	"	0.831		33.5	12-138				
2-Methylphenol	0.290	0.0416	"	0.831		34.9	10-136				
2-Nitroaniline	0.293	0.0830	"	0.831		35.3	27-132				
2-Nitrophenol	0.396	0.0416	"	0.831		47.7	17-129				
3- & 4-Methylphenols	0.261	0.0416	"	0.831		31.4	29-103				
3,3-Dichlorobenzidine	0.200	0.0416	"	0.831		24.1	22-149				
3-Nitroaniline	0.251	0.0830	"	0.831		30.2	20-133				
4,6-Dinitro-2-methylphenol	0.414	0.0830	"	0.831		49.8	10-143				
4-Bromophenyl phenyl ether	0.275	0.0416	"	0.831		33.2	29-120				
4-Chloro-3-methylphenol	0.338	0.0416	"	0.831		40.7	24-129				
4-Chloroaniline	0.221	0.0416	"	0.831		26.6	10-132				
4-Chlorophenyl phenyl ether	0.290	0.0416	"	0.831		34.9	27-124				
4-Nitroaniline	0.263	0.0830	"	0.831		31.7	16-128				
4-Nitrophenol	0.296	0.0830	"	0.831		35.6	10-141				
Acenaphthene	0.266	0.0416	"	0.831		32.1	30-121				
Acenaphthylene	0.300	0.0416	"	0.831		36.2	30-115				
Acetophenone	0.271	0.0416	"	0.831		32.6	20-112				
Aniline	0.273	0.166	"	0.831		32.8	10-119				
Anthracene	0.297	0.0416	"	0.831		35.8	34-118				
Atrazine	0.315	0.0416	"	0.831		38.0	26-112				
Benzaldehyde	0.279	0.0416	"	0.831		33.6	21-100				
Benzo(a)anthracene	0.301	0.0416	"	0.831		36.2	32-122				
Benzo(a)pyrene	0.258	0.0416	"	0.831		31.0	29-133				
Benzo(b)fluoranthene	0.261	0.0416	"	0.831		31.4	25-133				
Benzo(g,h,i)perylene	0.303	0.0416	"	0.831		36.5	10-143				
Benzo(k)fluoranthene	0.273	0.0416	"	0.831		32.8	25-128				
Benzoic acid	0.203	0.0416	"	0.831		24.5	10-140				
Benzyl alcohol	0.264	0.0416	"	0.831		31.8	30-115				
Benzyl butyl phthalate	0.364	0.0416	"	0.831		43.8	26-126				
Bis(2-chloroethoxy)methane	0.270	0.0416	"	0.831		32.5	19-132				
Bis(2-chloroethyl)ether	0.251	0.0416	"	0.831		30.3	19-125				
Bis(2-chloroisopropyl)ether	0.234	0.0416	"	0.831		28.2	20-135				
Bis(2-ethylhexyl)phthalate	0.391	0.0416	"	0.831		47.1	10-155				
Caprolactam	0.343	0.0830	"	0.831		41.3	10-127				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH50626 - EPA 3550C

LCS (BH50626-BS1)

Prepared & Analyzed: 08/08/2025

Carbazole	0.274	0.0416	mg/kg wet	0.831		33.0	35-123	Low Bias		
Chrysene	0.296	0.0416	"	0.831		35.7	32-123			
Dibenzo(a,h)anthracene	0.302	0.0416	"	0.831		36.4	10-136			
Dibenzofuran	0.285	0.0416	"	0.831		34.3	29-121			
Diethyl phthalate	0.306	0.0416	"	0.831		36.8	34-116			
Dimethyl phthalate	0.296	0.0416	"	0.831		35.6	35-124			
Di-n-butyl phthalate	0.327	0.0416	"	0.831		39.4	31-116			
Di-n-octyl phthalate	0.349	0.0416	"	0.831		42.0	26-136			
Fluoranthene	0.276	0.0416	"	0.831		33.3	33-122			
Fluorene	0.288	0.0416	"	0.831		34.7	29-123			
Hexachlorobenzene	0.389	0.0416	"	0.831		46.8	21-124			
Hexachlorobutadiene	0.331	0.0416	"	0.831		39.8	10-149			
Hexachlorocyclopentadiene	0.0243	0.0416	"	0.831		2.92	10-129	Low Bias		
Hexachloroethane	0.317	0.0416	"	0.831		38.2	28-108			
Indeno(1,2,3-cd)pyrene	0.368	0.0416	"	0.831		44.3	10-135			
Isophorone	0.280	0.0416	"	0.831		33.7	20-132			
Naphthalene	0.305	0.0416	"	0.831		36.7	23-124			
Nitrobenzene	0.316	0.0416	"	0.831		38.0	13-132			
N-Nitrosodimethylamine	0.227	0.0416	"	0.831		27.3	11-129			
N-nitroso-di-n-propylamine	0.261	0.0416	"	0.831		31.4	24-119			
N-Nitrosodiphenylamine	0.345	0.0416	"	0.831		41.5	22-152			
Pentachlorophenol	0.101	0.0416	"	0.831		12.2	10-139			
Phenanthrene	0.303	0.0416	"	0.831		36.5	33-123			
Phenol	0.301	0.0416	"	0.831		36.3	23-115			
Pyrene	0.346	0.0416	"	0.831		41.6	24-130			
Pyridine	0.201	0.166	"	0.831		24.2	10-91			
Surrogate: SURR: 2-Fluorophenol	0.610		"	1.66		36.7	20-108			
Surrogate: SURR: Phenol-d6	0.557		"	1.66		33.5	23-114			
Surrogate: SURR: Nitrobenzene-d5	0.308		"	0.831		37.0	22-108			
Surrogate: SURR: 2-Fluorobiphenyl	0.276		"	0.831		33.3	21-113			
Surrogate: SURR: 2,4,6-Tribromophenol	0.641		"	1.66		38.6	19-110			
Surrogate: SURR: Terphenyl-d14	0.318		"	0.831		38.3	24-116			



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

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC Limits	Flag	RPD Limit	Flag
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Batch BH50317 - EPA 3050B

Blank (BH50317-BLK1)

Prepared: 08/05/2025 Analyzed: 08/06/2025

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

Reference (BH50317-SRM1)

Prepared: 08/05/2025 Analyzed: 08/06/2025

Arsenic	152	1.25	mg/kg wet	148	103	81.1-119.6
Barium	192	2.08	"	191	100	81.7-118.3
Cadmium	194	0.250	"	190	102	82.1-118.4
Chromium	135	0.417	"	132	102	81.1-118.9
Lead	101	0.417	"	98.6	102	81.8-117.6
Selenium	120	2.08	"	124	96.8	78.5-121
Silver	58.2	0.420	"	54.9	106	79.4-120.8



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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH50346 - EPA 7473 soil

Blank (BH50346-BLK1)

Prepared: 08/05/2025 Analyzed: 08/06/2025

Mercury	ND	0.0300	mg/kg wet								
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Reference (BH50346-SRM1)

Prepared: 08/05/2025 Analyzed: 08/06/2025

Mercury	23.358		mg/kg	24.0		97.3	55.8-109.6				
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Sample and Data Qualifiers Relating to This Work Order

J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)

Definitions and Other Explanations

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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



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





Technical Report

prepared for:

PVE, LLC.
48 Springside Avenue
Poughkeepsie NY, 12603
Attention: Conor Tarbell

Report Date: 08/08/2025
Client Project ID: 561295-0007
York Project (SDG) No.: 25H0004

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



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

120 RESEARCH DRIVE
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STRATFORD, CT 06615
(203) 325-1371



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

RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 08/08/2025
Client Project ID: 561295-0007
York Project (SDG) No.: 25H0004

PVE, LLC.
48 Springside Avenue
Poughkeepsie NY, 12603
Attention: Conor Tarbell

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on August 01, 2025 and listed below. The project was identified as your project: **561295-0007**.

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

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

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

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

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

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
25H0004-01	SV-1 20250731	Soil Vapor	07/31/2025	08/01/2025
25H0004-02	SV-2 20250731	Soil Vapor	07/31/2025	08/01/2025
25H0004-03	SV-3 20250731	Soil Vapor	07/31/2025	08/01/2025

General Notes for York Project (SDG) No.: 25H0004

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

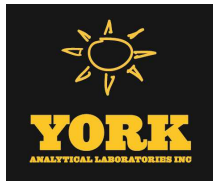
Approved By:



Cassie L. Mosher
Laboratory Manager

Date: 08/08/2025





Sample Information

Client Sample ID: SV-1 20250731

York Sample ID: 25H0004-01

York Project (SDG) No.
25H0004

Client Project ID
561295-0007

Matrix
Soil Vapor

Collection Date/Time
July 31, 2025 12:01 pm

Date Received
08/01/2025

Q A Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	0.95	1.391	EPA TO-15 Certifications:	08/07/2025 09:37	08/07/2025 23:33	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	0.76	1.391	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 23:33	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	0.95	1.391	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 23:33	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	1.1	1.391	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 23:33	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.76	1.391	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 23:33	YR
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.56	1.391	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 23:33	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.28	1.391	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 23:33	YR
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E	ug/m ³	52	1.391	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 23:33	YR
95-63-6	1,2,4-Trimethylbenzene	72		ug/m ³	0.68	1.391	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 23:33	YR
106-93-4	1,2-Dibromoethane	ND		ug/m ³	1.1	1.391	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 23:33	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	0.84	1.391	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 23:33	YR
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.56	1.391	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 23:33	YR
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.64	1.391	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 23:33	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	0.97	1.391	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 23:33	YR
108-67-8	1,3,5-Trimethylbenzene	21		ug/m ³	0.68	1.391	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 23:33	YR
106-99-0	1,3-Butadiene	12		ug/m ³	0.92	1.391	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 23:33	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	0.84	1.391	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 23:33	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.64	1.391	EPA TO-15 Certifications:	08/07/2025 09:37	08/07/2025 23:33	YR



Sample Information

Client Sample ID: SV-1 20250731

York Sample ID: 25H0004-01

York Project (SDG) No.

25H0004

Client Project ID

561295-0007

Matrix

Soil Vapor

Collection Date/Time

July 31, 2025 12:01 pm

Date Received

08/01/2025

Q A Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	0.84	1.391	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 23:33	YR
123-91-1	1,4-Dioxane	ND		ug/m ³	1.0	1.391	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 23:33	YR
540-84-1	* ^2,2,4-Trimethylpentane	28		ug/m ³	0.32	1.391	EPA TO-15 Certifications:	08/07/2025 09:37	08/07/2025 23:33	YR
78-93-3	2-Butanone	23		ug/m ³	21	1.391	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 23:33	YR
591-78-6	* 2-Hexanone	ND		ug/m ³	1.1	1.391	EPA TO-15 Certifications:	08/07/2025 09:37	08/07/2025 23:33	YR
107-05-1	3-Chloropropene	ND		ug/m ³	2.2	1.391	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 23:33	YR
108-10-1	4-Methyl-2-pentanone	200		ug/m ³	0.57	1.391	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 23:33	YR
67-64-1	Acetone	100		ug/m ³	17	1.391	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 23:33	YR
107-13-1	Acrylonitrile	47		ug/m ³	15	1.391	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 23:33	YR
71-43-2	Benzene	18		ug/m ³	0.44	1.391	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 23:33	YR
100-44-7	Benzyl chloride	ND		ug/m ³	7.2	1.391	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 23:33	YR
75-27-4	Bromodichloromethane	110		ug/m ³	0.93	1.391	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 23:33	YR
75-25-2	Bromoform	ND		ug/m ³	1.4	1.391	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 23:33	YR
74-83-9	Bromomethane	ND		ug/m ³	0.54	1.391	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 23:33	YR
75-15-0	Carbon disulfide	17		ug/m ³	0.43	1.391	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 23:33	YR
56-23-5	Carbon tetrachloride	0.53		ug/m ³	0.22	1.391	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 23:33	YR
108-90-7	Chlorobenzene	ND		ug/m ³	0.64	1.391	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 23:33	YR
75-00-3	Chloroethane	6.0		ug/m ³	0.37	1.391	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 23:33	YR
67-66-3	Chloroform	380		ug/m ³	6.8	13.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/06/2025 11:15	08/07/2025 00:50	YR
74-87-3	Chloromethane	4.1	TO-CC V, TO-LC S-H	ug/m ³	0.29	1.391	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 23:33	YR



Sample Information

Client Sample ID: SV-1 20250731

York Sample ID: 25H0004-01

York Project (SDG) No.

25H0004

Client Project ID

561295-0007

Matrix

Soil Vapor

Collection Date/Time

July 31, 2025 12:01 pm

Date Received

08/01/2025

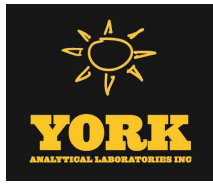
Q A Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.28	1.391	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 23:33	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.63	1.391	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 23:33	YR
110-82-7	Cyclohexane	16		ug/m ³	0.48	1.391	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 23:33	YR
124-48-1	Dibromochloromethane	21		ug/m ³	1.2	1.391	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 23:33	YR
75-71-8	Dichlorodifluoromethane	2.1		ug/m ³	0.69	1.391	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 23:33	YR
141-78-6	* Ethyl acetate	ND		ug/m ³	25	1.391	EPA TO-15 Certifications:	08/07/2025 09:37	08/07/2025 23:33	YR
100-41-4	Ethyl Benzene	200		ug/m ³	0.60	1.391	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 23:33	YR
87-68-3	Hexachlorobutadiene	ND		ug/m ³	1.5	1.391	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 23:33	YR
67-63-0	Isopropanol	2.4		ug/m ³	2.1	1.391	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 23:33	YR
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.57	1.391	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 23:33	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.50	1.391	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 23:33	YR
75-09-2	Methylene chloride	7.1		ug/m ³	2.9	1.391	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 23:33	YR
91-20-3	* ^Naphthalene	ND		ug/m ³	7.3	1.391	EPA TO-15 Certifications: NJDEP-NY037	08/07/2025 09:37	08/07/2025 23:33	YR
142-82-5	n-Heptane	39		ug/m ³	0.57	1.391	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 23:33	YR
110-54-3	n-Hexane	42		ug/m ³	0.49	1.391	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 23:33	YR
95-47-6	o-Xylene	230		ug/m ³	0.60	1.391	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 23:33	YR
179601-23-1	p- & m- Xylenes	490		ug/m ³	1.2	1.391	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 23:33	YR
622-96-8	* p-Ethyltoluene	ND		ug/m ³	0.68	1.391	EPA TO-15 Certifications:	08/07/2025 09:37	08/07/2025 23:33	YR
115-07-1	* Propylene	210		ug/m ³	2.4	13.91	EPA TO-15 Certifications:	08/06/2025 11:15	08/07/2025 00:50	YR
100-42-5	Styrene	8.5		ug/m ³	0.59	1.391	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 23:33	YR



Sample Information

Client Sample ID: SV-1 20250731

York Sample ID: 25H0004-01

York Project (SDG) No.

25H0004

Client Project ID

561295-0007

Matrix

Soil Vapor

Collection Date/Time

July 31, 2025 12:01 pm

Date Received

08/01/2025

Q A Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		ug/m ³	0.94	1.391	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 23:33	YR
109-99-9	* Tetrahydrofuran	11		ug/m ³	0.82	1.391	EPA TO-15 Certifications:	08/07/2025 09:37	08/07/2025 23:33	YR
108-88-3	Toluene	140		ug/m ³	0.52	1.391	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 23:33	YR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.55	1.391	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 23:33	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.63	1.391	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 23:33	YR
79-01-6	Trichloroethylene	ND		ug/m ³	0.19	1.391	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 23:33	YR
75-69-4	Trichlorofluoromethane (Freon 11)	1.2		ug/m ³	0.78	1.391	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 23:33	YR
108-05-4	Vinyl acetate	ND		ug/m ³	0.49	1.391	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 23:33	YR
593-60-2	Vinyl bromide	ND		ug/m ³	0.61	1.391	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 23:33	YR
75-01-4	Vinyl Chloride	0.25		ug/m ³	0.18	1.391	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 23:33	YR
1330-20-7	* Xylenes, Total	780		ug/m ³	18	13.91	EPA TO-15 Certifications:	08/06/2025 11:15	08/07/2025 00:50	YR
540-36-3	* ISTD: 1,4-Difluorobenzene	10		ppbv		1.391	EPA TO-15 Certifications:	08/07/2025 09:37	08/07/2025 23:33	YR
540-36-3	* ISTD: 1,4-Difluorobenzene	10		ppbv		13.91	EPA TO-15 Certifications:	08/06/2025 11:15	08/07/2025 00:50	YR
3114-55-4	* ISTD: d5-Chlorobenzene	10		ppbv		1.391	EPA TO-15 Certifications:	08/07/2025 09:37	08/07/2025 23:33	YR
3114-55-4	* ISTD: d5-Chlorobenzene	10		ppbv		13.91	EPA TO-15 Certifications:	08/06/2025 11:15	08/07/2025 00:50	YR

Sample Information

Client Sample ID: SV-2 20250731

York Sample ID: 25H0004-02

York Project (SDG) No.

25H0004

Client Project ID

561295-0007

Matrix

Soil Vapor

Collection Date/Time

July 31, 2025 11:57 am

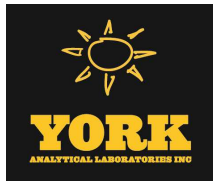
Date Received

08/01/2025

Q A Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: SV-2 20250731

York Sample ID: 25H0004-02

York Project (SDG) No.

25H0004

Client Project ID

561295-0007

Matrix

Soil Vapor

Collection Date/Time

July 31, 2025 11:57 am

Date Received

08/01/2025

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	5.5	7.962	EPA TO-15 Certifications:	08/07/2025 09:37	08/07/2025 22:00	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	4.3	7.962	EPA TO-15 Certifications:	08/07/2025 09:37	08/07/2025 22:00	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	5.5	7.962	EPA TO-15 Certifications:	08/07/2025 09:37	08/07/2025 22:00	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	6.1	7.962	EPA TO-15 Certifications:	08/07/2025 09:37	08/07/2025 22:00	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	4.3	7.962	EPA TO-15 Certifications:	08/07/2025 09:37	08/07/2025 22:00	YR
75-34-3	1,1-Dichloroethane	ND		ug/m ³	3.2	7.962	EPA TO-15 Certifications:	08/07/2025 09:37	08/07/2025 22:00	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	1.6	7.962	EPA TO-15 Certifications:	08/07/2025 09:37	08/07/2025 22:00	YR
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E	ug/m ³	300	7.962	EPA TO-15 Certifications:	08/07/2025 09:37	08/07/2025 22:00	YR
95-63-6	1,2,4-Trimethylbenzene	13		ug/m ³	3.9	7.962	EPA TO-15 Certifications:	08/07/2025 09:37	08/07/2025 22:00	YR
106-93-4	1,2-Dibromoethane	ND		ug/m ³	6.1	7.962	EPA TO-15 Certifications:	08/07/2025 09:37	08/07/2025 22:00	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	4.8	7.962	EPA TO-15 Certifications:	08/07/2025 09:37	08/07/2025 22:00	YR
107-06-2	1,2-Dichloroethane	ND		ug/m ³	3.2	7.962	EPA TO-15 Certifications:	08/07/2025 09:37	08/07/2025 22:00	YR
78-87-5	1,2-Dichloropropane	ND		ug/m ³	3.7	7.962	EPA TO-15 Certifications:	08/07/2025 09:37	08/07/2025 22:00	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	5.6	7.962	EPA TO-15 Certifications:	08/07/2025 09:37	08/07/2025 22:00	YR
108-67-8	1,3,5-Trimethylbenzene	3.9		ug/m ³	3.9	7.962	EPA TO-15 Certifications:	08/07/2025 09:37	08/07/2025 22:00	YR
106-99-0	1,3-Butadiene	ND		ug/m ³	5.3	7.962	EPA TO-15 Certifications:	08/07/2025 09:37	08/07/2025 22:00	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	4.8	7.962	EPA TO-15 Certifications:	08/07/2025 09:37	08/07/2025 22:00	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	3.7	7.962	EPA TO-15 Certifications:	08/07/2025 09:37	08/07/2025 22:00	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	4.8	7.962	EPA TO-15 Certifications:	08/07/2025 09:37	08/07/2025 22:00	YR
123-91-1	1,4-Dioxane	ND		ug/m ³	5.7	7.962	EPA TO-15 Certifications:	08/07/2025 09:37	08/07/2025 22:00	YR



Sample Information

Client Sample ID: SV-2 20250731

York Sample ID: 25H0004-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25H0004

561295-0007

Soil Vapor

July 31, 2025 11:57 am

08/01/2025

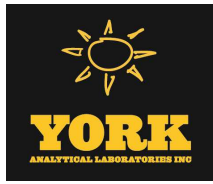
Q A Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
540-84-1	* ^2,2,4-Trimethylpentane	100		ug/m³	1.9	7.962	EPA TO-15 Certifications:	08/07/2025 09:37	08/07/2025 22:00	YR
78-93-3	2-Butanone	ND		ug/m³	120	7.962	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 22:00	YR
591-78-6	* 2-Hexanone	ND		ug/m³	6.5	7.962	EPA TO-15 Certifications:	08/07/2025 09:37	08/07/2025 22:00	YR
107-05-1	3-Chloropropene	120		ug/m³	12	7.962	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 22:00	YR
108-10-1	4-Methyl-2-pentanone	10		ug/m³	3.3	7.962	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 22:00	YR
67-64-1	Acetone	160		ug/m³	95	7.962	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 22:00	YR
107-13-1	Acrylonitrile	ND		ug/m³	86	7.962	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 22:00	YR
71-43-2	Benzene	25		ug/m³	2.5	7.962	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 22:00	YR
100-44-7	Benzyl chloride	ND		ug/m³	41	7.962	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 22:00	YR
75-27-4	Bromodichloromethane	ND		ug/m³	5.3	7.962	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 22:00	YR
75-25-2	Bromoform	ND		ug/m³	8.2	7.962	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 22:00	YR
74-83-9	Bromomethane	ND		ug/m³	3.1	7.962	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 22:00	YR
75-15-0	Carbon disulfide	ND		ug/m³	2.5	7.962	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 22:00	YR
56-23-5	Carbon tetrachloride	ND		ug/m³	1.3	7.962	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 22:00	YR
108-90-7	Chlorobenzene	ND		ug/m³	3.7	7.962	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 22:00	YR
75-00-3	Chloroethane	ND		ug/m³	2.1	7.962	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 22:00	YR
67-66-3	Chloroform	ND		ug/m³	3.9	7.962	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 22:00	YR
74-87-3	Chloromethane	2.3	TO-CC V, TO-LC S-H	ug/m³	1.6	7.962	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 22:00	YR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	1.6	7.962	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 22:00	YR



Sample Information

Client Sample ID: SV-2 20250731

York Sample ID: 25H0004-02

York Project (SDG) No.

25H0004

Client Project ID

561295-0007

Matrix

Soil Vapor

Collection Date/Time

July 31, 2025 11:57 am

Date Received

08/01/2025

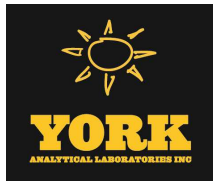
Q A Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	3.6	7.962	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 22:00	YR
110-82-7	Cyclohexane	27		ug/m ³	2.7	7.962	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 22:00	YR
124-48-1	Dibromochloromethane	ND		ug/m ³	6.8	7.962	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 22:00	YR
75-71-8	Dichlorodifluoromethane	ND		ug/m ³	3.9	7.962	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 22:00	YR
141-78-6	* Ethyl acetate	220		ug/m ³	140	7.962	EPA TO-15 Certifications:	08/07/2025 09:37	08/07/2025 22:00	YR
100-41-4	Ethyl Benzene	48		ug/m ³	3.5	7.962	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 22:00	YR
87-68-3	Hexachlorobutadiene	ND		ug/m ³	8.5	7.962	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 22:00	YR
67-63-0	Isopropanol	12		ug/m ³	12	7.962	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 22:00	YR
80-62-6	Methyl Methacrylate	ND		ug/m ³	3.3	7.962	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 22:00	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	2.9	7.962	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 22:00	YR
75-09-2	Methylene chloride	ND		ug/m ³	17	7.962	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 22:00	YR
91-20-3	* ^Naphthalene	ND		ug/m ³	42	7.962	EPA TO-15 Certifications: NJDEP-NY037	08/07/2025 09:37	08/07/2025 22:00	YR
142-82-5	n-Heptane	37		ug/m ³	3.3	7.962	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 22:00	YR
110-54-3	n-Hexane	110		ug/m ³	2.8	7.962	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 22:00	YR
95-47-6	o-Xylene	27		ug/m ³	3.5	7.962	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 22:00	YR
179601-23-1	p- & m- Xylenes	83		ug/m ³	6.9	7.962	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 22:00	YR
622-96-8	* p-Ethyltoluene	ND		ug/m ³	3.9	7.962	EPA TO-15 Certifications:	08/07/2025 09:37	08/07/2025 22:00	YR
115-07-1	* Propylene	8.2		ug/m ³	1.4	7.962	EPA TO-15 Certifications:	08/07/2025 09:37	08/07/2025 22:00	YR
100-42-5	Styrene	ND		ug/m ³	3.4	7.962	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 22:00	YR
127-18-4	Tetrachloroethylene	ND		ug/m ³	5.4	7.962	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 22:00	YR



Sample Information

Client Sample ID: SV-2 20250731

York Sample ID: 25H0004-02

York Project (SDG) No.

25H0004

Client Project ID

561295-0007

Matrix

Soil Vapor

Collection Date/Time

July 31, 2025 11:57 am

Date Received

08/01/2025

Q A Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
109-99-9	* Tetrahydrofuran	ND		ug/m ³	4.7	7.962	EPA TO-15 Certifications:	08/07/2025 09:37	08/07/2025 22:00	YR
108-88-3	Toluene	150		ug/m ³	3.0	7.962	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 22:00	YR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	3.2	7.962	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 22:00	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	3.6	7.962	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 22:00	YR
79-01-6	Trichloroethylene	ND		ug/m ³	1.1	7.962	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 22:00	YR
75-69-4	Trichlorofluoromethane (Freon 11)	7.2		ug/m ³	4.5	7.962	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 22:00	YR
108-05-4	Vinyl acetate	3.9		ug/m ³	2.8	7.962	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 22:00	YR
593-60-2	Vinyl bromide	ND		ug/m ³	3.5	7.962	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 22:00	YR
75-01-4	Vinyl Chloride	ND		ug/m ³	1.0	7.962	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 22:00	YR
1330-20-7	* Xylenes, Total	110		ug/m ³	10	7.962	EPA TO-15 Certifications:	08/07/2025 09:37	08/07/2025 22:00	YR
540-36-3	* ISTD: 1,4-Difluorobenzene	10		ppbv		7.962	EPA TO-15 Certifications:	08/07/2025 09:37	08/07/2025 22:00	YR
3114-55-4	* ISTD: d5-Chlorobenzene	10		ppbv		7.962	EPA TO-15 Certifications:	08/07/2025 09:37	08/07/2025 22:00	YR

Sample Information

Client Sample ID: SV-3 20250731

York Sample ID: 25H0004-03

York Project (SDG) No.

25H0004

Client Project ID

561295-0007

Matrix

Soil Vapor

Collection Date/Time

July 31, 2025 12:00 pm

Date Received

08/01/2025

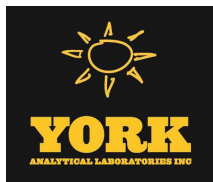
Q A Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	0.96	1.393	EPA TO-15 Certifications:	08/07/2025 09:37	08/07/2025 22:46	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	0.76	1.393	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 22:46	YR



Sample Information

Client Sample ID: SV-3 20250731

York Sample ID: 25H0004-03

York Project (SDG) No.

25H0004

Client Project ID

561295-0007

Matrix

Soil Vapor

Collection Date/Time

July 31, 2025 12:00 pm

Date Received

08/01/2025

Q A Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	0.96	1.393	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 22:46	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	1.1	1.393	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 22:46	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.76	1.393	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 22:46	YR
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.56	1.393	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 22:46	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.28	1.393	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 22:46	YR
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E	ug/m ³	52	1.393	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 22:46	YR
95-63-6	1,2,4-Trimethylbenzene	35		ug/m ³	0.68	1.393	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 22:46	YR
106-93-4	1,2-Dibromoethane	ND		ug/m ³	1.1	1.393	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 22:46	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	0.84	1.393	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 22:46	YR
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.56	1.393	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 22:46	YR
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.64	1.393	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 22:46	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	0.97	1.393	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 22:46	YR
108-67-8	1,3,5-Trimethylbenzene	9.1		ug/m ³	0.68	1.393	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 22:46	YR
106-99-0	1,3-Butadiene	7.1		ug/m ³	0.92	1.393	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 22:46	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	0.84	1.393	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 22:46	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.64	1.393	EPA TO-15 Certifications:	08/07/2025 09:37	08/07/2025 22:46	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	0.84	1.393	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 22:46	YR
123-91-1	1,4-Dioxane	ND		ug/m ³	1.0	1.393	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 22:46	YR
540-84-1	* ^2,2,4-Trimethylpentane	13		ug/m ³	0.33	1.393	EPA TO-15 Certifications:	08/07/2025 09:37	08/07/2025 22:46	YR



Sample Information

Client Sample ID: SV-3 20250731

York Sample ID: 25H0004-03

York Project (SDG) No.

25H0004

Client Project ID

561295-0007

Matrix

Soil Vapor

Collection Date/Time

July 31, 2025 12:00 pm

Date Received

08/01/2025

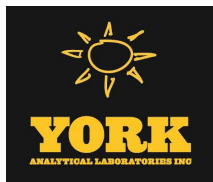
Q A Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	ND		ug/m ³	21	1.393	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 22:46	YR
591-78-6	* 2-Hexanone	26		ug/m ³	1.1	1.393	EPA TO-15 Certifications:	08/07/2025 09:37	08/07/2025 22:46	YR
107-05-1	3-Chloropropene	ND		ug/m ³	2.2	1.393	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 22:46	YR
108-10-1	4-Methyl-2-pentanone	17		ug/m ³	0.57	1.393	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 22:46	YR
67-64-1	Acetone	68		ug/m ³	17	1.393	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 22:46	YR
107-13-1	Acrylonitrile	ND		ug/m ³	15	1.393	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 22:46	YR
71-43-2	Benzene	6.9		ug/m ³	0.45	1.393	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 22:46	YR
100-44-7	Benzyl chloride	ND		ug/m ³	7.2	1.393	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 22:46	YR
75-27-4	Bromodichloromethane	26		ug/m ³	0.93	1.393	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 22:46	YR
75-25-2	Bromoform	ND		ug/m ³	1.4	1.393	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 22:46	YR
74-83-9	Bromomethane	ND		ug/m ³	0.54	1.393	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 22:46	YR
75-15-0	Carbon disulfide	3.5		ug/m ³	0.43	1.393	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 22:46	YR
56-23-5	Carbon tetrachloride	ND		ug/m ³	0.22	1.393	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 22:46	YR
108-90-7	Chlorobenzene	ND		ug/m ³	0.64	1.393	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 22:46	YR
75-00-3	Chloroethane	ND		ug/m ³	0.37	1.393	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 22:46	YR
67-66-3	Chloroform	73		ug/m ³	0.68	1.393	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 22:46	YR
74-87-3	Chloromethane	ND		ug/m ³	0.29	1.393	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 22:46	YR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.28	1.393	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 22:46	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.63	1.393	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 22:46	YR
110-82-7	Cyclohexane	4.7		ug/m ³	0.48	1.393	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 22:46	YR



Sample Information

Client Sample ID: SV-3 20250731

York Sample ID: 25H0004-03

York Project (SDG) No.

25H0004

Client Project ID

561295-0007

Matrix

Soil Vapor

Collection Date/Time

July 31, 2025 12:00 pm

Date Received

08/01/2025

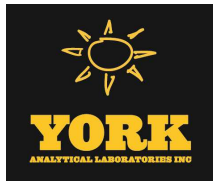
Q A Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	8.8		ug/m ³	1.2	1.393	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 22:46	YR
75-71-8	Dichlorodifluoromethane	ND		ug/m ³	0.69	1.393	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 22:46	YR
141-78-6	* Ethyl acetate	ND		ug/m ³	25	1.393	EPA TO-15 Certifications:	08/07/2025 09:37	08/07/2025 22:46	YR
100-41-4	Ethyl Benzene	54		ug/m ³	0.60	1.393	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 22:46	YR
87-68-3	Hexachlorobutadiene	ND		ug/m ³	1.5	1.393	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 22:46	YR
67-63-0	Isopropanol	2.9		ug/m ³	2.1	1.393	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 22:46	YR
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.57	1.393	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 22:46	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.50	1.393	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 22:46	YR
75-09-2	Methylene chloride	ND		ug/m ³	2.9	1.393	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 22:46	YR
91-20-3	* ^Naphthalene	ND		ug/m ³	7.3	1.393	EPA TO-15 Certifications: NJDEP-NY037	08/07/2025 09:37	08/07/2025 22:46	YR
142-82-5	n-Heptane	11		ug/m ³	0.57	1.393	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 22:46	YR
110-54-3	n-Hexane	17		ug/m ³	0.49	1.393	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 22:46	YR
95-47-6	o-Xylene	37		ug/m ³	0.60	1.393	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 22:46	YR
179601-23-1	p- & m- Xylenes	95		ug/m ³	1.2	1.393	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 22:46	YR
622-96-8	* p-Ethyltoluene	ND		ug/m ³	0.68	1.393	EPA TO-15 Certifications:	08/07/2025 09:37	08/07/2025 22:46	YR
115-07-1	* Propylene	61		ug/m ³	0.24	1.393	EPA TO-15 Certifications:	08/07/2025 09:37	08/07/2025 22:46	YR
100-42-5	Styrene	1.8		ug/m ³	0.59	1.393	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 22:46	YR
127-18-4	Tetrachloroethylene	ND		ug/m ³	0.94	1.393	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 22:46	YR
109-99-9	* Tetrahydrofuran	ND		ug/m ³	0.82	1.393	EPA TO-15 Certifications:	08/07/2025 09:37	08/07/2025 22:46	YR
108-88-3	Toluene	72		ug/m ³	0.52	1.393	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 22:46	YR



Sample Information

Client Sample ID: SV-3 20250731

York Sample ID: 25H0004-03

York Project (SDG) No.

25H0004

Client Project ID

561295-0007

Matrix

Soil Vapor

Collection Date/Time

July 31, 2025 12:00 pm

Date Received

08/01/2025

Q A Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.55	1.393	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 22:46	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.63	1.393	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 22:46	YR
79-01-6	Trichloroethylene	ND		ug/m ³	0.19	1.393	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 22:46	YR
75-69-4	Trichlorofluoromethane (Freon 11)	1.1		ug/m ³	0.78	1.393	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 22:46	YR
108-05-4	Vinyl acetate	ND		ug/m ³	0.49	1.393	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 22:46	YR
593-60-2	Vinyl bromide	ND		ug/m ³	0.61	1.393	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 22:46	YR
75-01-4	Vinyl Chloride	ND		ug/m ³	0.18	1.393	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	08/07/2025 09:37	08/07/2025 22:46	YR
1330-20-7	* Xylenes, Total	130		ug/m ³	1.8	1.393	EPA TO-15 Certifications:	08/07/2025 09:37	08/07/2025 22:46	YR
540-36-3	* ISTD: 1,4-Difluorobenzene	10		ppbv		1.393	EPA TO-15 Certifications:	08/07/2025 09:37	08/07/2025 22:46	YR
3114-55-4	* ISTD: d5-Chlorobenzene	10		ppbv		1.393	EPA TO-15 Certifications:	08/07/2025 09:37	08/07/2025 22:46	YR



Sample and Data Qualifiers Relating to This Work Order

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

Definitions and Other Explanations

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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



Field Chain-of-Custody Record - AIR

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No.
25H0004

120 Research Drive Stratford, CT 06615

132-02 89th Ave Queens, NY 11418

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800-306-YORK 800-306-9675

Page 1 of 1

[illegible]



Technical Report

prepared for:

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

Report Date: 09/18/2025
Client Project ID: 561295
York Project (SDG) No.: 25H0721

Revision No. 1.0

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



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

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STRATFORD, CT 06615
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132-02 89th AVENUE
FAX (203) 357-0166

RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 09/18/2025
Client Project ID: 561295
York Project (SDG) No.: 25H0721

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

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on August 12, 2025 and listed below. The project was identified as your project: **561295**.

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

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

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

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

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

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
25H0721-01	SB-10 4-8	Soil	08/11/2025	08/12/2025
25H0721-02	SB-11 4-8	Soil	08/11/2025	08/12/2025

General Notes for York Project (SDG) No.: 25H0721

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

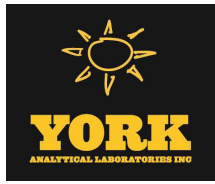
Approved By:



Cassie L. Mosher
Laboratory Manager

Date: 09/18/2025





Sample Information

Client Sample ID: SB-10 4-8

York Sample ID: 25H0721-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25H0721

561295

Soil

August 11, 2025 9:50 am

08/12/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/14/2025 11:00	08/14/2025 19:26	AC
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/14/2025 11:00	08/14/2025 19:26	AC
71-43-2	Benzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/14/2025 11:00	08/14/2025 19:26	AC
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/14/2025 11:00	08/14/2025 19:26	AC
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/14/2025 11:00	08/14/2025 19:26	AC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/14/2025 11:00	08/14/2025 19:26	AC
91-20-3	Naphthalene	ND		mg/kg dry	0.0031	0.012	1	EPA 8260D Certifications: NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-61	08/14/2025 11:00	08/14/2025 19:26	AC
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/14/2025 11:00	08/14/2025 19:26	AC
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/14/2025 11:00	08/14/2025 19:26	AC
95-47-6	o-Xylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,PADEP	08/14/2025 11:00	08/14/2025 19:26	AC
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,PADEP	08/14/2025 11:00	08/14/2025 19:26	AC
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/14/2025 11:00	08/14/2025 19:26	AC
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/14/2025 11:00	08/14/2025 19:26	AC
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/14/2025 11:00	08/14/2025 19:26	AC
108-88-3	Toluene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/14/2025 11:00	08/14/2025 19:26	AC
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0092	0.018	1	EPA 8260D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/14/2025 11:00	08/14/2025 19:26	AC
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	103 %	77-125								
2037-26-5	Surrogate: SURR: Toluene-d8	97.8 %	85-120								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	99.0 %	76-130								

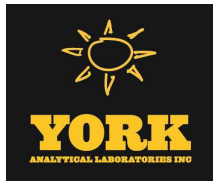
SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

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

Client Sample ID: SB-10 4-8

York Sample ID: 25H0721-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25H0721

561295

Soil

August 11, 2025 9:50 am

08/12/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications: NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440	08/19/2025 08:47	08/20/2025 17:52	AK
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0902	0.180	2	EPA 8270E Certifications: NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440	08/19/2025 08:47	08/20/2025 17:52	AK
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/19/2025 08:47	08/20/2025 17:52	AK
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications: NYSDOH-NY10854,PADEP-68-04440	08/19/2025 08:47	08/20/2025 17:52	AK
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications: NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440	08/19/2025 08:47	08/20/2025 17:52	AK
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications: NYSDOH-NY10854,PADEP-68-04440	08/19/2025 08:47	08/20/2025 17:52	AK
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications: NYSDOH-NY10854,PADEP-68-04440	08/19/2025 08:47	08/20/2025 17:52	AK
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0902	0.180	2	EPA 8270E Certifications: NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440	08/19/2025 08:47	08/20/2025 17:52	AK
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/19/2025 08:47	08/20/2025 17:52	AK
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/19/2025 08:47	08/20/2025 17:52	AK
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/19/2025 08:47	08/20/2025 17:52	AK
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/19/2025 08:47	08/20/2025 17:52	AK
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0902	0.180	2	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/19/2025 08:47	08/20/2025 17:52	AK
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/19/2025 08:47	08/20/2025 17:52	AK
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/19/2025 08:47	08/20/2025 17:52	AK
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/19/2025 08:47	08/20/2025 17:52	AK
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/19/2025 08:47	08/20/2025 17:52	AK
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/19/2025 08:47	08/20/2025 17:52	AK
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/19/2025 08:47	08/20/2025 17:52	AK
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0902	0.180	2	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/19/2025 08:47	08/20/2025 17:52	AK
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/19/2025 08:47	08/20/2025 17:52	AK
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/19/2025 08:47	08/20/2025 17:52	AK
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications: NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440	08/19/2025 08:47	08/20/2025 17:52	AK



Sample Information

Client Sample ID: SB-10 4-8

York Sample ID: 25H0721-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25H0721

561295

Soil

August 11, 2025 9:50 am

08/12/2025

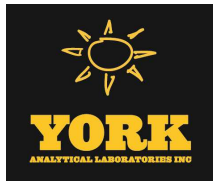
SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0902	0.180	2	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/20/2025 17:52	AK
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0902	0.180	2	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/20/2025 17:52	AK
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/20/2025 17:52	AK
59-50-7	4-Chloro-3-methylphenol	ND	CCVE	mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/20/2025 17:52	AK
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/20/2025 17:52	AK
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/20/2025 17:52	AK
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0902	0.180	2	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/20/2025 17:52	AK
100-02-7	4-Nitrophenol	ND	CCVE	mg/kg dry	0.0902	0.180	2	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/20/2025 17:52	AK
83-32-9	Acenaphthene	0.0454	J	mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/20/2025 17:52	AK
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/20/2025 17:52	AK
98-86-2	Acetophenone	ND	CCVE	mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications:	08/19/2025 08:47 NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440	08/20/2025 17:52	AK
62-53-3	Aniline	ND	CCVE	mg/kg dry	0.181	0.361	2	EPA 8270E Certifications:	08/19/2025 08:47 NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440	08/20/2025 17:52	AK
120-12-7	Anthracene	0.134		mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/20/2025 17:52	AK
1912-24-9	Atrazine	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications:	08/19/2025 08:47 NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440	08/20/2025 17:52	AK
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications:	08/19/2025 08:47 NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440	08/20/2025 17:52	AK
92-87-5	Benzidine	ND		mg/kg dry	0.181	0.361	2	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440	08/20/2025 17:52	AK
56-55-3	Benzo(a)anthracene	0.399		mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/20/2025 17:52	AK
50-32-8	Benzo(a)pyrene	0.347		mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/20/2025 17:52	AK
205-99-2	Benzo(b)fluoranthene	0.398		mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/20/2025 17:52	AK
191-24-2	Benzo(g,h,i)perylene	0.252		mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/20/2025 17:52	AK
207-08-9	Benzo(k)fluoranthene	0.164		mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/20/2025 17:52	AK
65-85-0	Benzoic acid	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications:	08/19/2025 08:47 NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440	08/20/2025 17:52	AK
100-51-6	Benzyl alcohol	ND	CCVE	mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications:	08/19/2025 08:47 NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440	08/20/2025 17:52	AK



Sample Information

Client Sample ID: SB-10 4-8

York Sample ID: 25H0721-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25H0721

561295

Soil

August 11, 2025 9:50 am

08/12/2025

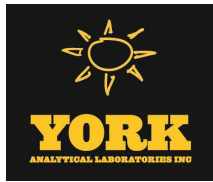
SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/20/2025 17:52	AK
111-91-1	Bis(2-chloroethoxy)methane	ND	CCVE	mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/20/2025 17:52	AK
111-44-4	Bis(2-chloroethyl)ether	ND	CCVE	mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/20/2025 17:52	AK
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/20/2025 17:52	AK
117-81-7	Bis(2-ethylhexyl)phthalate	0.0605	J	mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/20/2025 17:52	AK
105-60-2	Caprolactam	ND	CAL-E	mg/kg dry	0.0902	0.180	2	EPA 8270E Certifications:	08/19/2025 08:47 NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440	08/20/2025 17:52	AK
86-74-8	Carbazole	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/20/2025 17:52	AK
218-01-9	Chrysene	0.436		mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/20/2025 17:52	AK
53-70-3	Dibenzo(a,h)anthracene	0.0620	J	mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/20/2025 17:52	AK
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/20/2025 17:52	AK
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/20/2025 17:52	AK
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/20/2025 17:52	AK
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/20/2025 17:52	AK
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/20/2025 17:52	AK
206-44-0	Fluoranthene	0.822		mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/20/2025 17:52	AK
86-73-7	Fluorene	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications:	08/19/2025 08:47 NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440	08/20/2025 17:52	AK
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/20/2025 17:52	AK
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/20/2025 17:52	AK
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/20/2025 17:52	AK
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/20/2025 17:52	AK
193-39-5	Indeno(1,2,3-cd)pyrene	0.241		mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/20/2025 17:52	AK
78-59-1	Isophorone	ND	CCVE	mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/20/2025 17:52	AK
91-20-3	Naphthalene	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/20/2025 17:52	AK



Sample Information

Client Sample ID: SB-10 4-8

York Sample ID: 25H0721-01

York Project (SDG) No.

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Matrix

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Soil

August 11, 2025 9:50 am

08/12/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND	CCVE	mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/19/2025 08:47	08/20/2025 17:52	AK
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/19/2025 08:47	08/20/2025 17:52	AK
621-64-7	N-nitroso-di-n-propylamine	ND	CCVE	mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/19/2025 08:47	08/20/2025 17:52	AK
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/19/2025 08:47	08/20/2025 17:52	AK
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/19/2025 08:47	08/20/2025 17:52	AK
85-01-8	Phenanthrene	0.578		mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/19/2025 08:47	08/20/2025 17:52	AK
108-95-2	Phenol	ND	CCVE	mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/19/2025 08:47	08/20/2025 17:52	AK
129-00-0	Pyrene	0.809		mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/19/2025 08:47	08/20/2025 17:52	AK
110-86-1	Pyridine	ND	CCVE	mg/kg dry	0.181	0.361	2	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/19/2025 08:47	08/20/2025 17:52	AK
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	20.2 %			20-108						
13127-88-3	Surrogate: SURR: Phenol-d6	20.2 %	S-08		23-114						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	21.7 %	S-08		22-108						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	26.6 %			21-113						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	19.7 %			19-110						
1718-51-0	Surrogate: SURR: Terphenyl-d14	27.8 %			24-116						

Q P PFAS, EPA 1633a NFDHA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	HT-NF D, PF-LCS -L	ug/kg dry	0.429	0.440	1	EPA 1633A Certifications: NYSDOH-NY12058	09/09/2025 09:38	09/15/2025 11:10	AM

Q P PFAS, EPA 1633a Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.0770	0.195	1	EPA 1633A Certifications: NYSDOH-NY12058	09/09/2025 09:38	09/15/2025 11:10	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0550	0.220	1	EPA 1633A Certifications: NYSDOH-NY12058	09/09/2025 09:38	09/15/2025 11:10	AM



Sample Information

Client Sample ID: SB-10 4-8

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Soil

August 11, 2025 9:50 am

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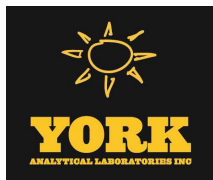
Q P PFAS, EPA 1633a Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.121	0.220	1	EPA 1633A Certifications: NYSDOH-NY12058	09/09/2025 09:38	09/15/2025 11:10	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0770	0.201	1	EPA 1633A Certifications: NYSDOH-NY12058	09/09/2025 09:38	09/15/2025 11:10	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.0770	0.220	1	EPA 1633A Certifications: NYSDOH-NY12058	09/09/2025 09:38	09/15/2025 11:10	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	0.276		ug/kg dry	0.0770	0.205	1	EPA 1633A Certifications: NYSDOH-NY12058	09/09/2025 09:38	09/15/2025 11:10	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.154	0.220	1	EPA 1633A Certifications: NYSDOH-NY12058	09/09/2025 09:38	09/15/2025 11:10	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.0880	0.220	1	EPA 1633A Certifications: NYSDOH-NY12058	09/09/2025 09:38	09/15/2025 11:10	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.121	0.220	1	EPA 1633A Certifications: NYSDOH-NY12058	09/09/2025 09:38	09/15/2025 11:10	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0880	0.220	1	EPA 1633A Certifications: NYSDOH-NY12058	09/09/2025 09:38	09/15/2025 11:10	AM
72629-94-8	Perfluorotridecanoic acid (PFTriDA)	ND		ug/kg dry	0.121	0.220	1	EPA 1633A Certifications: NYSDOH-NY12058	09/09/2025 09:38	09/15/2025 11:10	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.143	0.220	1	EPA 1633A Certifications: NYSDOH-NY12058	09/09/2025 09:38	09/15/2025 11:10	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.0880	0.220	1	EPA 1633A Certifications: NYSDOH-NY12058	09/09/2025 09:38	09/15/2025 11:10	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.550	0.550	1	EPA 1633A Certifications: NYSDOH-NY12058	09/09/2025 09:38	09/15/2025 11:10	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.0880	0.440	1	EPA 1633A Certifications: NYSDOH-NY12058	09/09/2025 09:38	09/15/2025 11:10	AM
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0330	0.220	1	EPA 1633A Certifications: NYSDOH-NY12058	09/09/2025 09:38	09/15/2025 11:10	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0770	0.220	1	EPA 1633A Certifications: NYSDOH-NY12058	09/09/2025 09:38	09/15/2025 11:10	AM
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0660	0.212	1	EPA 1633A Certifications: NYSDOH-NY12058	09/09/2025 09:38	09/15/2025 11:10	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.198	0.836	1	EPA 1633A Certifications: NYSDOH-NY12058	09/09/2025 09:38	09/15/2025 11:10	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.176	0.845	1	EPA 1633A Certifications: NYSDOH-NY12058	09/09/2025 09:38	09/15/2025 11:10	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.176	0.880	1	EPA 1633A Certifications: NYSDOH-NY12058	09/09/2025 09:38	09/15/2025 11:10	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND		ug/kg dry	0.0660	0.392	1	EPA 1633A Certifications: NYSDOH-NY12058	09/09/2025 09:38	09/15/2025 11:10	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0440	0.440	1	EPA 1633A Certifications: NYSDOH-NY12058	09/09/2025 09:38	09/15/2025 11:10	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.132	0.440	1	EPA 1633A Certifications: NYSDOH-NY12058	09/09/2025 09:38	09/15/2025 11:10	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.0770	0.207	1	EPA 1633A Certifications: NYSDOH-NY12058	09/09/2025 09:38	09/15/2025 11:10	AM



Sample Information

Client Sample ID: SB-10 4-8

York Sample ID: 25H0721-01

York Project (SDG) No.
25H0721

Client Project ID
561295

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Soil

Collection Date/Time
August 11, 2025 9:50 am

Date Received
08/12/2025

Q P PFAS, EPA 1633a Target List

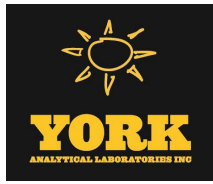
Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.242	0.825	1	EPA 1633A Certifications: NYSDOH-NY12058	09/09/2025 09:38	09/15/2025 11:10	AM
13252-13-6	HFPO-DA (Gen-X)	ND	PF-LCS -L	ug/kg dry	0.253	0.880	1	EPA 1633A Certifications: NYSDOH-NY12058	09/09/2025 09:38	09/15/2025 11:10	AM
763051-92-9	11CL-PF3OUdS	ND		ug/kg dry	0.242	0.832	1	EPA 1633A Certifications: NYSDOH-NY12058	09/09/2025 09:38	09/15/2025 11:10	AM
756426-58-1	9CL-PF3ONS	ND	PF-LCS -L	ug/kg dry	0.297	0.823	1	EPA 1633A Certifications: NYSDOH-NY12058	09/09/2025 09:38	09/15/2025 11:10	AM
919005-14-4	ADONA	ND		ug/kg dry	0.286	0.832	1	EPA 1633A Certifications: NYSDOH-NY12058	09/09/2025 09:38	09/15/2025 11:10	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.165	0.213	1	EPA 1633A Certifications: NYSDOH-NY12058	09/09/2025 09:38	09/15/2025 11:10	AM
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.154	0.211	1	EPA 1633A Certifications: NYSDOH-NY12058	09/09/2025 09:38	09/15/2025 11:10	AM
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.352	1.10	1	EPA 1633A Certifications: NYSDOH-NY12058	09/09/2025 09:38	09/15/2025 11:10	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	0.803	5.50	1	EPA 1633A Certifications: NYSDOH-NY12058	09/09/2025 09:38	09/15/2025 11:10	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.03	5.50	1	EPA 1633A Certifications: NYSDOH-NY12058	09/09/2025 09:38	09/15/2025 11:10	AM
24448-09-7	N-MeFOSE	ND		ug/kg dry	0.803	2.20	1	EPA 1633A Certifications: NYSDOH-NY12058	09/09/2025 09:38	09/15/2025 11:10	AM
31506-32-8	N-MeFOSA	ND		ug/kg dry	0.143	0.220	1	EPA 1633A Certifications: NYSDOH-NY12058	09/09/2025 09:38	09/15/2025 11:10	AM
1691-99-2	N-EtFOSE	ND		ug/kg dry	0.506	2.20	1	EPA 1633A Certifications: NYSDOH-NY12058	09/09/2025 09:38	09/15/2025 11:10	AM
4151-50-2	N-EtFOSA	ND		ug/kg dry	0.0990	0.220	1	EPA 1633A Certifications: NYSDOH-NY12058	09/09/2025 09:38	09/15/2025 11:10	AM

Surrogate Recoveries		Result	Acceptance Range
M3PFBS	Surrogate: M3PFBS	127 %	40-135
338-30-1	Surrogate: M5PFHxA	119 %	40-130
13C4PFHPA	Surrogate: M4PFHpA	126 %	40-130
13C3PFHXS	Surrogate: M3PFHxS	126 %	40-130
13C8PFOA	Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	122 %	40-130
13C6PFDA	Surrogate: M6PFDA	115 %	40-130
13C7PFUNA	Surrogate: M7PFUdA	110 %	40-130
960315-52-0	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	106 %	40-130
13C2PFTEDA	Surrogate: M2PFTeDA	95.3 %	20-130
13C4PFBA	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	116 %	8-130
13C8PFOS	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	135 %	PFSu-H 40-130



Sample Information

Client Sample ID: SB-10 4-8

York Sample ID: 25H0721-01

York Project (SDG) No.

25H0721

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Soil

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August 11, 2025 9:50 am

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08/12/2025

Q P PFAS, EPA 1633a Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C5PFPEA	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	121 %			35-130						
13C8FOSA	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	124 %			40-130						
D3-NMEFOSAA	Surrogate: d3-N-MeFOSAA	136 %	PFSu-H		40-135						
D5-NETFOSAA	Surrogate: d5-N-EtFOSAA	143 %			40-150						
M2-6:2FTS	Surrogate: M2-6:2 FTS	174 %			40-215						
M2-8:2FTS	Surrogate: M2-8:2 FTS	150 %			40-275						
13C9PFNA	Surrogate: M9PFNA	124 %			40-130						
M2-4:2FTS	Surrogate: M2-4:2 FTS	157 %			40-165						
936109-37-4	Surrogate: d-N-MeFOSA	133 %	PFSu-H		10-130						
936109-40-9	Surrogate: d-N-EtFOSA	123 %			10-130						
M3HFPO-DA	Surrogate: M3HFPO-DA	119 %			40-130						
D9-NETPFOSAI	Surrogate: d9-N-EtFOSE	136 %	PFSu-H		15-130						
D7-NMEPFOSA	Surrogate: d7-N-MeFOSE	118 %			20-130						

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	7.57		mg/kg dry	1.38	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-C	08/14/2025 14:36	08/15/2025 11:49	AGNR
7440-39-3	Barium	76.7		mg/kg dry	2.29	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-C	08/14/2025 14:36	08/15/2025 11:49	AGNR
7440-43-9	Cadmium	0.303		mg/kg dry	0.276	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-C	08/14/2025 14:36	08/15/2025 11:49	AGNR
7440-47-3	Chromium	21.3		mg/kg dry	0.460	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-C	08/14/2025 14:36	08/15/2025 11:49	AGNR
7439-92-1	Lead	36.8		mg/kg dry	0.460	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-C	08/14/2025 14:36	08/15/2025 11:49	AGNR
7782-49-2	Selenium	ND		mg/kg dry	2.30	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-C	08/14/2025 14:36	08/15/2025 11:49	AGNR
7440-22-4	Silver	ND		mg/kg dry	0.463	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-C	08/14/2025 14:36	08/15/2025 11:49	AGNR

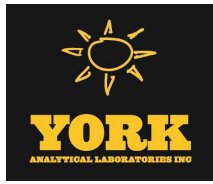
Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0750		mg/kg dry	0.0331	1	EPA 7473 Certifications: NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440,CTDPH-PH-	08/13/2025 13:12	08/14/2025 10:10	JWT



Sample Information

Client Sample ID: SB-10 4-8

York Sample ID: 25H0721-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25H0721

561295

Soil

August 11, 2025 9:50 am

08/12/2025

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	90.7		%	0.100	1	SM 2540G Certifications: CTDPH-PH-0840	08/15/2025 08:27	08/15/2025 12:31	BF

Sample Information

Client Sample ID: SB-11 4-8

York Sample ID: 25H0721-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25H0721

561295

Soil

August 11, 2025 12:30 pm

08/12/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/14/2025 11:00	08/14/2025 19:53	AC
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/14/2025 11:00	08/14/2025 19:53	AC
71-43-2	Benzene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/14/2025 11:00	08/14/2025 19:53	AC
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/14/2025 11:00	08/14/2025 19:53	AC
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/14/2025 11:00	08/14/2025 19:53	AC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/14/2025 11:00	08/14/2025 19:53	AC
91-20-3	Naphthalene	ND		mg/kg dry	0.0038	0.015	1	EPA 8260D Certifications: NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-61	08/14/2025 11:00	08/14/2025 19:53	AC
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/14/2025 11:00	08/14/2025 19:53	AC
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/14/2025 11:00	08/14/2025 19:53	AC
95-47-6	o-Xylene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,PADEP	08/14/2025 11:00	08/14/2025 19:53	AC
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0077	0.015	1	EPA 8260D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,PADEP	08/14/2025 11:00	08/14/2025 19:53	AC
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/14/2025 11:00	08/14/2025 19:53	AC
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/14/2025 11:00	08/14/2025 19:53	AC
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/14/2025 11:00	08/14/2025 19:53	AC



Sample Information

Client Sample ID: SB-11 4-8

York Sample ID: 25H0721-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25H0721

561295

Soil

August 11, 2025 12:30 pm

08/12/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-88-3	Toluene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D Certifications:	08/14/2025 11:00	08/14/2025 19:53	AC
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.012	0.023	1	EPA 8260D Certifications:	08/14/2025 11:00	08/14/2025 19:53	AC
	Surrogate Recoveries	Result			Acceptance Range						
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	106 %			77-125						
2037-26-5	Surrogate: SURR: Toluene-d8	96.5 %			85-120						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	97.4 %			76-130						

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270E Certifications:	08/19/2025 08:47	08/20/2025 18:23	AK
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0966	0.193	2	EPA 8270E Certifications:	08/19/2025 08:47	08/20/2025 18:23	AK
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270E Certifications:	08/19/2025 08:47	08/20/2025 18:23	AK
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270E Certifications:	08/19/2025 08:47	08/20/2025 18:23	AK
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	mg/kg dry	0.0484	0.0966	2	EPA 8270E Certifications:	08/19/2025 08:47	08/20/2025 18:23	AK
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270E Certifications:	08/19/2025 08:47	08/20/2025 18:23	AK
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270E Certifications:	08/19/2025 08:47	08/20/2025 18:23	AK
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0966	0.193	2	EPA 8270E Certifications:	08/19/2025 08:47	08/20/2025 18:23	AK
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270E Certifications:	08/19/2025 08:47	08/20/2025 18:23	AK
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270E Certifications:	08/19/2025 08:47	08/20/2025 18:23	AK
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270E Certifications:	08/19/2025 08:47	08/20/2025 18:23	AK
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270E Certifications:	08/19/2025 08:47	08/20/2025 18:23	AK
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0966	0.193	2	EPA 8270E Certifications:	08/19/2025 08:47	08/20/2025 18:23	AK
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270E Certifications:	08/19/2025 08:47	08/20/2025 18:23	AK
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270E Certifications:	08/19/2025 08:47	08/20/2025 18:23	AK



Sample Information

Client Sample ID: SB-11 4-8

York Sample ID: 25H0721-02

York Project (SDG) No.

Client Project ID

Matrix

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25H0721

561295

Soil

August 11, 2025 12:30 pm

08/12/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/20/2025 18:23	AK
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/20/2025 18:23	AK
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/20/2025 18:23	AK
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/20/2025 18:23	AK
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0966	0.193	2	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/20/2025 18:23	AK
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/20/2025 18:23	AK
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/20/2025 18:23	AK
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270E Certifications:	08/19/2025 08:47 NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440	08/20/2025 18:23	AK
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0966	0.193	2	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/20/2025 18:23	AK
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0966	0.193	2	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/20/2025 18:23	AK
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/20/2025 18:23	AK
59-50-7	4-Chloro-3-methylphenol	ND	CCVE	mg/kg dry	0.0484	0.0966	2	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/20/2025 18:23	AK
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/20/2025 18:23	AK
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/20/2025 18:23	AK
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0966	0.193	2	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/20/2025 18:23	AK
100-02-7	4-Nitrophenol	ND	CCVE	mg/kg dry	0.0966	0.193	2	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/20/2025 18:23	AK
83-32-9	Acenaphthene	0.124		mg/kg dry	0.0484	0.0966	2	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/20/2025 18:23	AK
208-96-8	Acenaphthylene	0.103		mg/kg dry	0.0484	0.0966	2	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/20/2025 18:23	AK
98-86-2	Acetophenone	ND	CCVE	mg/kg dry	0.0484	0.0966	2	EPA 8270E Certifications:	08/19/2025 08:47 NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440	08/20/2025 18:23	AK
62-53-3	Aniline	ND	CCVE	mg/kg dry	0.193	0.387	2	EPA 8270E Certifications:	08/19/2025 08:47 NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440	08/20/2025 18:23	AK
120-12-7	Anthracene	0.429		mg/kg dry	0.0484	0.0966	2	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/20/2025 18:23	AK
1912-24-9	Atrazine	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270E Certifications:	08/19/2025 08:47 NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440	08/20/2025 18:23	AK
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270E Certifications:	08/19/2025 08:47 NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440	08/20/2025 18:23	AK



Sample Information

Client Sample ID: SB-11 4-8

York Sample ID: 25H0721-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25H0721

561295

Soil

August 11, 2025 12:30 pm

08/12/2025

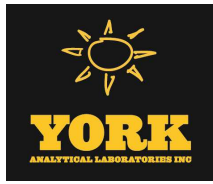
SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-87-5	Benzidine	ND		mg/kg dry	0.193	0.387	2	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440	08/19/2025 08:47	08/20/2025 18:23	AK
56-55-3	Benzo(a)anthracene	1.56		mg/kg dry	0.0484	0.0966	2	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440	08/19/2025 08:47	08/20/2025 18:23	AK
50-32-8	Benzo(a)pyrene	1.31		mg/kg dry	0.0484	0.0966	2	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440	08/19/2025 08:47	08/20/2025 18:23	AK
205-99-2	Benzo(b)fluoranthene	1.69		mg/kg dry	0.0484	0.0966	2	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440	08/19/2025 08:47	08/20/2025 18:23	AK
191-24-2	Benzo(g,h,i)perylene	0.981		mg/kg dry	0.0484	0.0966	2	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440	08/19/2025 08:47	08/20/2025 18:23	AK
207-08-9	Benzo(k)fluoranthene	0.602		mg/kg dry	0.0484	0.0966	2	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440	08/19/2025 08:47	08/20/2025 18:23	AK
65-85-0	Benzoic acid	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440	08/19/2025 08:47	08/20/2025 18:23	AK
100-51-6	Benzyl alcohol	ND	CCVE	mg/kg dry	0.0484	0.0966	2	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440	08/19/2025 08:47	08/20/2025 18:23	AK
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440	08/19/2025 08:47	08/20/2025 18:23	AK
111-91-1	Bis(2-chloroethoxy)methane	ND	CCVE	mg/kg dry	0.0484	0.0966	2	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440	08/19/2025 08:47	08/20/2025 18:23	AK
111-44-4	Bis(2-chloroethyl)ether	ND	CCVE	mg/kg dry	0.0484	0.0966	2	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440	08/19/2025 08:47	08/20/2025 18:23	AK
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0484	0.0966	2	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440	08/19/2025 08:47	08/20/2025 18:23	AK
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440	08/19/2025 08:47	08/20/2025 18:23	AK
105-60-2	Caprolactam	ND	CAL-E	mg/kg dry	0.0966	0.193	2	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440	08/19/2025 08:47	08/20/2025 18:23	AK
86-74-8	Carbazole	0.210		mg/kg dry	0.0484	0.0966	2	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440	08/19/2025 08:47	08/20/2025 18:23	AK
218-01-9	Chrysene	1.69		mg/kg dry	0.0484	0.0966	2	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440	08/19/2025 08:47	08/20/2025 18:23	AK
53-70-3	Dibenzo(a,h)anthracene	0.266		mg/kg dry	0.0484	0.0966	2	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440	08/19/2025 08:47	08/20/2025 18:23	AK
132-64-9	Dibenzofuran	0.0927	J	mg/kg dry	0.0484	0.0966	2	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440	08/19/2025 08:47	08/20/2025 18:23	AK
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440	08/19/2025 08:47	08/20/2025 18:23	AK
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440	08/19/2025 08:47	08/20/2025 18:23	AK
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440	08/19/2025 08:47	08/20/2025 18:23	AK
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440	08/19/2025 08:47	08/20/2025 18:23	AK
206-44-0	Fluoranthene	2.78		mg/kg dry	0.121	0.242	5	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440	08/19/2025 08:47	08/21/2025 15:07	AK



Sample Information

Client Sample ID: SB-11 4-8

York Sample ID: 25H0721-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25H0721

561295

Soil

August 11, 2025 12:30 pm

08/12/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-73-7	Fluorene	0.119		mg/kg dry	0.0484	0.0966	2	EPA 8270E Certifications: NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440	08/19/2025 08:47	08/20/2025 18:23	AK
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/19/2025 08:47	08/20/2025 18:23	AK
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/19/2025 08:47	08/20/2025 18:23	AK
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	mg/kg dry	0.0484	0.0966	2	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/19/2025 08:47	08/20/2025 18:23	AK
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/19/2025 08:47	08/20/2025 18:23	AK
193-39-5	Indeno(1,2,3-cd)pyrene	0.990		mg/kg dry	0.0484	0.0966	2	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/19/2025 08:47	08/20/2025 18:23	AK
78-59-1	Isophorone	ND	CCVE	mg/kg dry	0.0484	0.0966	2	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/19/2025 08:47	08/20/2025 18:23	AK
91-20-3	Naphthalene	0.0973		mg/kg dry	0.0484	0.0966	2	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/19/2025 08:47	08/20/2025 18:23	AK
98-95-3	Nitrobenzene	ND	CCVE	mg/kg dry	0.0484	0.0966	2	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/19/2025 08:47	08/20/2025 18:23	AK
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0484	0.0966	2	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/19/2025 08:47	08/20/2025 18:23	AK
621-64-7	N-nitroso-di-n-propylamine	ND	CCVE	mg/kg dry	0.0484	0.0966	2	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/19/2025 08:47	08/20/2025 18:23	AK
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/19/2025 08:47	08/20/2025 18:23	AK
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0484	0.0966	2	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/19/2025 08:47	08/20/2025 18:23	AK
85-01-8	Phenanthrene	2.24		mg/kg dry	0.0484	0.0966	2	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/19/2025 08:47	08/20/2025 18:23	AK
108-95-2	Phenol	ND	CCVE	mg/kg dry	0.0484	0.0966	2	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/19/2025 08:47	08/20/2025 18:23	AK
129-00-0	Pyrene	2.43		mg/kg dry	0.121	0.242	5	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/19/2025 08:47	08/21/2025 15:07	AK
110-86-1	Pyridine	ND	CCVE	mg/kg dry	0.193	0.387	2	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/19/2025 08:47	08/20/2025 18:23	AK

Surrogate Recoveries		Result	Acceptance Range
367-12-4	Surrogate: SURR: 2-Fluorophenol	51.7 %	20-108
13127-88-3	Surrogate: SURR: Phenol-d6	37.2 %	23-114
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	51.0 %	22-108
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	61.0 %	21-113
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	47.9 %	19-110
1718-51-0	Surrogate: SURR: Terphenyl-d14	68.1 %	24-116

Metals, RCRA

Log-in Notes:

Sample Notes:

120 RESEARCH DRIVE

STRATFORD, CT 06615

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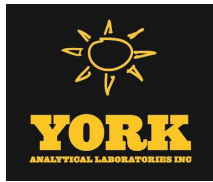
132-02 89th AVENUE

FAX (203) 357-0166

RICHMOND HILL, NY 11418

ClientServices@

Page 16 of 38



Sample Information

Client Sample ID: SB-11 4-8

York Sample ID: 25H0721-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25H0721

561295

Soil

August 11, 2025 12:30 pm

08/12/2025

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	11.3		mg/kg dry	1.48	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/14/2025 14:36	08/15/2025 11:50	AGNR
7440-39-3	Barium	146		mg/kg dry	2.46	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/14/2025 14:36	08/15/2025 11:50	AGNR
7440-43-9	Cadmium	0.630		mg/kg dry	0.295	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/14/2025 14:36	08/15/2025 11:50	AGNR
7440-47-3	Chromium	27.9		mg/kg dry	0.493	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/14/2025 14:36	08/15/2025 11:50	AGNR
7439-92-1	Lead	162		mg/kg dry	0.493	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/14/2025 14:36	08/15/2025 11:50	AGNR
7782-49-2	Selenium	ND		mg/kg dry	2.46	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/14/2025 14:36	08/15/2025 11:50	AGNR
7440-22-4	Silver	ND		mg/kg dry	0.496	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/14/2025 14:36	08/15/2025 11:50	AGNR

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0416		mg/kg dry	0.0354	1	EPA 7473 Certifications: NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440,CTDPH-PH-	08/13/2025 13:12	08/14/2025 10:10	JWT

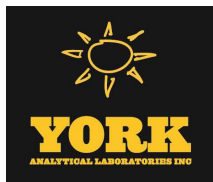
Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	84.6		%	0.100	1	SM 2540G Certifications: CTDPH-PH-0840	08/15/2025 08:27	08/15/2025 12:31	BF



Analytical Batch Summary

Batch ID: BH51030 **Preparation Method:** EPA 7473 soil **Prepared By:** JWT

YORK Sample ID	Client Sample ID	Preparation Date
25H0721-01	SB-10 4-8	08/13/25
25H0721-02	SB-11 4-8	08/13/25
BH51030-BLK1	Blank	08/13/25
BH51030-SRM1	Reference	08/13/25

Batch ID: BH51134 **Preparation Method:** EPA 5035A **Prepared By:** AC

YORK Sample ID	Client Sample ID	Preparation Date
25H0721-01	SB-10 4-8	08/14/25
25H0721-02	SB-11 4-8	08/14/25
BH51134-BLK1	Blank	08/14/25
BH51134-BS1	LCS	08/14/25
BH51134-BSD1	LCS Dup	08/14/25

Batch ID: BH51147 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
25H0721-01	SB-10 4-8	08/14/25
25H0721-02	SB-11 4-8	08/14/25
BH51147-BLK1	Blank	08/14/25
BH51147-SRM1	Reference	08/14/25

Batch ID: BH51204 **Preparation Method:** % Solids Prep **Prepared By:** BNF

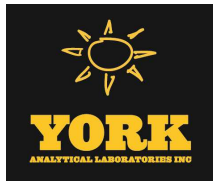
YORK Sample ID	Client Sample ID	Preparation Date
25H0721-01	SB-10 4-8	08/15/25
25H0721-02	SB-11 4-8	08/15/25

Batch ID: BH51217 **Preparation Method:** EPA 1633 Prep **Prepared By:** MPR

YORK Sample ID	Client Sample ID	Preparation Date
25H0721-01	SB-10 4-8	08/15/25
BH51217-BLK1	Blank	08/15/25

Batch ID: BH51460 **Preparation Method:** EPA 3546 SVOA **Prepared By:** FA

YORK Sample ID	Client Sample ID	Preparation Date
25H0721-01	SB-10 4-8	08/19/25
25H0721-02	SB-11 4-8	08/19/25
25H0721-02RE1	SB-11 4-8	08/19/25
BH51460-BLK1	Blank	08/19/25
BH51460-BS1	LCS	08/19/25



Batch ID: BI50588 **Preparation Method:** EPA 1633 Prep **Prepared By:** RC

YORK Sample ID	Client Sample ID	Preparation Date
25H0721-01RE2	SB-10 4-8	09/09/25
BI50588-BLK1	Blank	09/09/25
BI50588-BS1	LCS	09/09/25
BI50588-BS2	LCS	09/09/25



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH51134 - EPA 5035A

Blank (BH51134-BLK1)

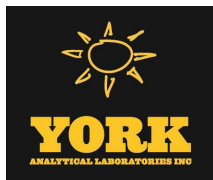
Prepared & Analyzed: 08/14/2025

1,2,4-Trimethylbenzene	ND	0.0050	mg/kg wet								
1,3,5-Trimethylbenzene	ND	0.0050	"								
Benzene	ND	0.0050	"								
Ethanol	ND	0.080	"								
Ethyl Benzene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Naphthalene	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Toluene	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	49.4		ug/L	50.0		98.8	77-125				
Surrogate: SURR: Toluene-d8	48.5		"	50.0		97.0	85-120				
Surrogate: SURR: p-Bromofluorobenzene	48.9		"	50.0		97.8	76-130				

LCS (BH51134-BS1)

Prepared & Analyzed: 08/14/2025

1,2,4-Trimethylbenzene	50.3		ug/L	50.0		101	84-125				
1,3,5-Trimethylbenzene	50.3		"	50.0		101	82-126				
Benzene	49.8		"	50.0		99.6	77-127				
Ethanol	2.27	0.080	mg/kg wet				70-130				
Ethyl Benzene	49.2		ug/L	50.0		98.5	84-125				
Isopropylbenzene	49.5		"	50.0		98.9	81-127				
Methyl tert-butyl ether (MTBE)	53.3		"	50.0		107	74-131				
Naphthalene	49.7		"	50.0		99.3	86-141				
n-Butylbenzene	47.8		"	50.0		95.7	80-130				
n-Propylbenzene	48.8		"	50.0		97.6	74-136				
o-Xylene	49.8		"	50.0		99.7	83-123				
p- & m- Xylenes	95.9		"	100		95.9	82-128				
p-Isopropyltoluene	50.2		"	50.0		100	85-125				
sec-Butylbenzene	50.8		"	50.0		102	83-125				
tert-Butylbenzene	43.1		"	50.0		86.2	80-127				
Toluene	46.9		"	50.0		93.8	85-121				
Surrogate: SURR: 1,2-Dichloroethane-d4	48.7		"	50.0		97.5	77-125				
Surrogate: SURR: Toluene-d8	48.2		"	50.0		96.5	85-120				
Surrogate: SURR: p-Bromofluorobenzene	48.7		"	50.0		97.4	76-130				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH51134 - EPA 5035A

LCS Dup (BH51134-BSD1)

Prepared & Analyzed: 08/14/2025

1,2,4-Trimethylbenzene	52.8		ug/L	50.0		106	84-125		4.91	30
1,3,5-Trimethylbenzene	52.8		"	50.0		106	82-126		4.91	30
Benzene	52.2		"	50.0		104	77-127		4.67	30
Ethanol	2.36	0.080	mg/kg wet				70-130		3.85	30
Ethyl Benzene	51.2		ug/L	50.0		102	84-125		3.90	30
Isopropylbenzene	51.8		"	50.0		104	81-127		4.62	30
Methyl tert-butyl ether (MTBE)	55.9		"	50.0		112	74-131		4.84	30
Naphthalene	53.1		"	50.0		106	86-141		6.75	30
n-Butylbenzene	50.1		"	50.0		100	80-130		4.62	30
n-Propylbenzene	50.9		"	50.0		102	74-136		4.21	30
o-Xylene	51.8		"	50.0		104	83-123		3.91	30
p- & m- Xylenes	99.5		"	100		99.5	82-128		3.72	30
p-Isopropyltoluene	52.6		"	50.0		105	85-125		4.69	30
sec-Butylbenzene	53.1		"	50.0		106	83-125		4.41	30
tert-Butylbenzene	45.1		"	50.0		90.2	80-127		4.53	30
Toluene	48.9		"	50.0		97.8	85-121		4.11	30
Surrogate: SURR: 1,2-Dichloroethane-d4	48.7		"	50.0		97.4	77-125			
Surrogate: SURR: Toluene-d8	48.3		"	50.0		96.6	85-120			
Surrogate: SURR: p-Bromofluorobenzene	48.9		"	50.0		97.7	76-130			



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH51460 - EPA 3546 SVOA

Blank (BH51460-BLK1)

Prepared & Analyzed: 08/19/2025

1,1-Biphenyl	ND	0.0417	mg/kg wet
1,2,4,5-Tetrachlorobenzene	ND	0.0833	"
1,2,4-Trichlorobenzene	ND	0.0417	"
1,2-Dichlorobenzene	ND	0.0417	"
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0417	"
1,3-Dichlorobenzene	ND	0.0417	"
1,4-Dichlorobenzene	ND	0.0417	"
2,3,4,6-Tetrachlorophenol	ND	0.0833	"
2,4,5-Trichlorophenol	ND	0.0417	"
2,4,6-Trichlorophenol	ND	0.0417	"
2,4-Dichlorophenol	ND	0.0417	"
2,4-Dimethylphenol	ND	0.0417	"
2,4-Dinitrophenol	ND	0.0833	"
2,4-Dinitrotoluene	ND	0.0417	"
2,6-Dinitrotoluene	ND	0.0417	"
2-Chloronaphthalene	ND	0.0417	"
2-Chlorophenol	ND	0.0417	"
2-Methylnaphthalene	ND	0.0417	"
2-Methylphenol	ND	0.0417	"
2-Nitroaniline	ND	0.0833	"
2-Nitrophenol	ND	0.0417	"
3- & 4-Methylphenols	ND	0.0417	"
3,3-Dichlorobenzidine	ND	0.0417	"
3-Nitroaniline	ND	0.0833	"
4,6-Dinitro-2-methylphenol	ND	0.0833	"
4-Bromophenyl phenyl ether	ND	0.0417	"
4-Chloro-3-methylphenol	ND	0.0417	"
4-Chloroaniline	ND	0.0417	"
4-Chlorophenyl phenyl ether	ND	0.0417	"
4-Nitroaniline	ND	0.0833	"
4-Nitrophenol	ND	0.0833	"
Acenaphthene	ND	0.0417	"
Acenaphthylene	ND	0.0417	"
Acetophenone	ND	0.0417	"
Aniline	ND	0.167	"
Anthracene	ND	0.0417	"
Atrazine	ND	0.0417	"
Benzaldehyde	ND	0.0417	"
Benzidine	ND	0.167	"
Benzo(a)anthracene	ND	0.0417	"
Benzo(a)pyrene	ND	0.0417	"
Benzo(b)fluoranthene	ND	0.0417	"
Benzo(g,h,i)perylene	ND	0.0417	"
Benzo(k)fluoranthene	ND	0.0417	"
Benzoic acid	ND	0.0417	"
Benzyl alcohol	ND	0.0417	"
Benzyl butyl phthalate	ND	0.0417	"
Bis(2-chloroethoxy)methane	ND	0.0417	"
Bis(2-chloroethyl)ether	ND	0.0417	"
Bis(2-chloroisopropyl)ether	ND	0.0417	"
Bis(2-ethylhexyl)phthalate	ND	0.0417	"



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH51460 - EPA 3546 SVOA

Blank (BH51460-BLK1)

Prepared & Analyzed: 08/19/2025

Caprolactam	ND	0.0833	mg/kg wet								
Carbazole	ND	0.0417	"								
Chrysene	ND	0.0417	"								
Dibenzo(a,h)anthracene	ND	0.0417	"								
Dibenzofuran	ND	0.0417	"								
Diethyl phthalate	ND	0.0417	"								
Dimethyl phthalate	ND	0.0417	"								
Di-n-butyl phthalate	ND	0.0417	"								
Di-n-octyl phthalate	ND	0.0417	"								
Fluoranthene	ND	0.0417	"								
Fluorene	ND	0.0417	"								
Hexachlorobenzene	ND	0.0417	"								
Hexachlorobutadiene	ND	0.0417	"								
Hexachlorocyclopentadiene	ND	0.0417	"								
Hexachloroethane	ND	0.0417	"								
Indeno(1,2,3-cd)pyrene	ND	0.0417	"								
Isophorone	ND	0.0417	"								
Naphthalene	ND	0.0417	"								
Nitrobenzene	ND	0.0417	"								
N-Nitrosodimethylamine	ND	0.0417	"								
N-nitroso-di-n-propylamine	ND	0.0417	"								
N-Nitrosodiphenylamine	ND	0.0417	"								
Pentachlorophenol	ND	0.0417	"								
Phenanthrene	0.0220	0.0417	"								
Phenol	ND	0.0417	"								
Pyrene	ND	0.0417	"								
Pyridine	ND	0.167	"								
Surrogate: SURR: 2-Fluorophenol	1.60		"	1.67		96.2	20-108				
Surrogate: SURR: Phenol-d6	1.53		"	1.67		91.9	23-114				
Surrogate: SURR: Nitrobenzene-d5	0.590		"	0.833		70.8	22-108				
Surrogate: SURR: 2-Fluorobiphenyl	0.595		"	0.833		71.4	21-113				
Surrogate: SURR: 2,4,6-Tribromophenol	1.66		"	1.67		99.4	19-110				
Surrogate: SURR: Terphenyl-d14	0.697		"	0.833		83.6	24-116				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH51460 - EPA 3546 SVOA											
LCS (BH51460-BS1)						Prepared & Analyzed: 08/19/2025					
1,1-Biphenyl	0.936	0.0417	mg/kg wet	0.833		112	70-111	High Bias			
1,2,4,5-Tetrachlorobenzene	0.884	0.0833	"	0.833		106	70-130				
1,2,4-Trichlorobenzene	0.836	0.0417	"	0.833		100	10-140				
1,2-Dichlorobenzene	0.853	0.0417	"	0.833		102	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.948	0.0417	"	0.833		114	17-137				
1,3-Dichlorobenzene	0.854	0.0417	"	0.833		103	33-110				
1,4-Dichlorobenzene	0.854	0.0417	"	0.833		103	32-104				
2,3,4,6-Tetrachlorophenol	0.850	0.0833	"	0.833		102	70-130				
2,4,5-Trichlorophenol	0.873	0.0417	"	0.833		105	70-118				
2,4,6-Trichlorophenol	0.875	0.0417	"	0.833		105	70-120				
2,4-Dichlorophenol	0.923	0.0417	"	0.833		111	70-127				
2,4-Dimethylphenol	0.972	0.0417	"	0.833		117	70-130				
2,4-Dinitrophenol	0.0610	0.0833	"	0.833		7.32	20-160	Low Bias			
2,4-Dinitrotoluene	0.795	0.0417	"	0.833		95.4	70-130				
2,6-Dinitrotoluene	0.824	0.0417	"	0.833		98.8	70-128				
2-Chloronaphthalene	0.849	0.0417	"	0.833		102	70-117				
2-Chlorophenol	0.943	0.0417	"	0.833		113	70-113				
2-Methylnaphthalene	0.833	0.0417	"	0.833		100	70-130				
2-Methylphenol	0.975	0.0417	"	0.833		117	70-130				
2-Nitroaniline	0.902	0.0833	"	0.833		108	70-130				
2-Nitrophenol	0.802	0.0417	"	0.833		96.2	70-129				
3- & 4-Methylphenols	0.878	0.0417	"	0.833		105	29-103	High Bias			
3,3-Dichlorobenzidine	0.843	0.0417	"	0.833		101	70-130				
3-Nitroaniline	0.846	0.0833	"	0.833		102	70-130				
4,6-Dinitro-2-methylphenol	0.119	0.0833	"	0.833		14.3	70-130	Low Bias			
4-Bromophenyl phenyl ether	0.834	0.0417	"	0.833		100	70-120				
4-Chloro-3-methylphenol	1.01	0.0417	"	0.833		122	70-129				
4-Chloroaniline	0.749	0.0417	"	0.833		89.9	70-130				
4-Chlorophenyl phenyl ether	0.784	0.0417	"	0.833		94.1	70-124				
4-Nitroaniline	0.823	0.0833	"	0.833		98.7	70-128				
4-Nitrophenol	0.839	0.0833	"	0.833		101	20-141				
Acenaphthene	0.819	0.0417	"	0.833		98.3	70-121				
Acenaphthylene	0.910	0.0417	"	0.833		109	70-115				
Acetophenone	0.924	0.0417	"	0.833		111	70-112				
Aniline	0.835	0.167	"	0.833		100	10-119				
Anthracene	0.928	0.0417	"	0.833		111	70-118				
Atrazine	0.923	0.0417	"	0.833		111	70-112				
Benzaldehyde	0.898	0.0417	"	0.833		108	21-100	High Bias			
Benzo(a)anthracene	0.955	0.0417	"	0.833		115	70-122				
Benzo(a)pyrene	0.890	0.0417	"	0.833		107	70-130				
Benzo(b)fluoranthene	0.929	0.0417	"	0.833		112	70-130				
Benzo(g,h,i)perylene	0.752	0.0417	"	0.833		90.2	70-130				
Benzo(k)fluoranthene	0.921	0.0417	"	0.833		111	70-128				
Benzoic acid	0.381	0.0417	"	0.833		45.7	10-140				
Benzyl alcohol	0.921	0.0417	"	0.833		110	30-115				
Benzyl butyl phthalate	0.952	0.0417	"	0.833		114	70-126				
Bis(2-chloroethoxy)methane	0.907	0.0417	"	0.833		109	70-130				
Bis(2-chloroethyl)ether	0.905	0.0417	"	0.833		109	70-125				
Bis(2-chloroisopropyl)ether	1.00	0.0417	"	0.833		121	70-130				
Bis(2-ethylhexyl)phthalate	1.08	0.0417	"	0.833		130	70-130				
Caprolactam	1.04	0.0833	"	0.833		125	20-127				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

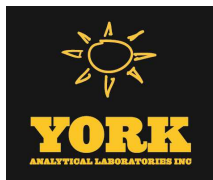
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH51460 - EPA 3546 SVOA

LCS (BH51460-BS1)

Prepared & Analyzed: 08/19/2025

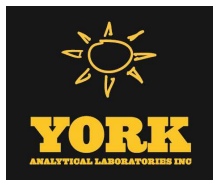
Carbazole	0.902	0.0417	mg/kg wet	0.833		108	70-123				
Chrysene	0.958	0.0417	"	0.833		115	70-123				
Dibenzo(a,h)anthracene	0.799	0.0417	"	0.833		95.9	70-130				
Dibenzofuran	0.840	0.0417	"	0.833		101	70-121				
Diethyl phthalate	0.835	0.0417	"	0.833		100	70-116				
Dimethyl phthalate	0.886	0.0417	"	0.833		106	70-124				
Di-n-butyl phthalate	0.892	0.0417	"	0.833		107	70-116				
Di-n-octyl phthalate	1.06	0.0417	"	0.833		127	70-130				
Fluoranthene	0.771	0.0417	"	0.833		92.5	70-122				
Fluorene	0.837	0.0417	"	0.833		100	70-123				
Hexachlorobenzene	0.799	0.0417	"	0.833		95.9	70-124				
Hexachlorobutadiene	0.764	0.0417	"	0.833		91.7	70-130				
Hexachlorocyclopentadiene	0.0557	0.0417	"	0.833		6.68	20-129	Low Bias			
Hexachloroethane	0.714	0.0417	"	0.833		85.7	28-108				
Indeno(1,2,3-cd)pyrene	0.910	0.0417	"	0.833		109	70-130				
Isophorone	0.953	0.0417	"	0.833		114	70-130				
Naphthalene	0.925	0.0417	"	0.833		111	70-124				
Nitrobenzene	0.885	0.0417	"	0.833		106	70-130				
N-Nitrosodimethylamine	0.867	0.0417	"	0.833		104	11-129				
N-nitroso-di-n-propylamine	0.858	0.0417	"	0.833		103	70-119				
N-Nitrosodiphenylamine	1.00	0.0417	"	0.833		121	70-130				
Pentachlorophenol	0.593	0.0417	"	0.833		71.1	20-139				
Phenanthrene	0.901	0.0417	"	0.833		108	70-123				
Phenol	1.09	0.0417	"	0.833		130	23-115	High Bias			
Pyrene	0.913	0.0417	"	0.833		110	70-130				
Pyridine	0.740	0.167	"	0.833		88.8	10-91				
Surrogate: SURR: 2-Fluorophenol	1.65		"	1.67		98.8	30-108				
Surrogate: SURR: Phenol-d6	1.68		"	1.67		101	30-114				
Surrogate: SURR: Nitrobenzene-d5	0.732		"	0.833		87.9	30-108				
Surrogate: SURR: 2-Fluorobiphenyl	0.716		"	0.833		85.9	30-113				
Surrogate: SURR: 2,4,6-Tribromophenol	1.91		"	1.67		115	30-110				
Surrogate: SURR: Terphenyl-d14	0.719		"	0.833		86.3	30-116				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Flag	RPD	RPD	Flag
		Limit		Level	Result	%REC	Limits			Limit	
Batch BH51217 - EPA 1633 Prep											
Blank (BH51217-BLK1)				Prepared: 08/15/2025 Analyzed: 08/20/2025							
Perfluorobutanesulfonic acid (PFBS)	ND	0.177	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.200	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.200	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.183	"								
Perfluorooctanoic acid (PFOA)	ND	0.200	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.186	"								
Perfluorononanoic acid (PFNA)	ND	0.200	"								
Perfluorodecanoic acid (PFDA)	ND	0.200	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.200	"								
Perfluorododecanoic acid (PFDoA)	ND	0.200	"								
Perfluorotridecanoic acid (PFTTrDA)	ND	0.200	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.200	"								
N-MeFOSAA	ND	0.200	"								
N-EtFOSAA	ND	0.499	"								
Perfluoropentanoic acid (PFPeA)	ND	0.399	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.200	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.200	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.193	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	0.758	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	0.766	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.798	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.355	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.399	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.399	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.399	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.188	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	0.749	"								
HFPO-DA (Gen-X)	ND	0.798	"								
11CL-PF3OUdS	ND	0.754	"								
9CL-PF3ONS	ND	0.747	"								
ADONA	ND	0.754	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.194	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.192	"								
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND	0.998	"								
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND	4.99	"								
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND	4.99	"								
N-MeFOSE	ND	2.00	"								
N-MeFOSA	ND	0.200	"								
N-EtFOSE	ND	2.00	"								
N-EtFOSA	ND	0.200	"								
Surrogate: M3PFBS	2.89		"	2.33		124	40-135				
Surrogate: M5PFHxA	2.54		"	2.50		102	40-130				
Surrogate: M4PFHpA	2.91		"	2.50		117	40-130				
Surrogate: M3PFHxS	2.60		"	2.37		110	40-130				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH51217 - EPA 1633 Prep

Blank (BH51217-BLK1)

Prepared: 08/15/2025 Analyzed: 08/20/2025

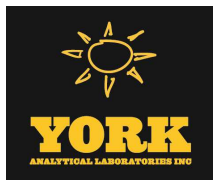
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.50		ug/kg wet	2.50		100	40-130				
Surrogate: M6PFDA	1.13		"	1.25		90.8	40-130				
Surrogate: M7PFUdA	1.16		"	1.25		93.3	40-130				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	0.935		"	1.25		75.0	40-130				
Surrogate: M2PFTeDA	0.921		"	1.25		73.8	20-130				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	10.5		"	9.98		105	8-130				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.17		"	2.39		90.7	40-130				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5.42		"	4.99		109	35-130				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.20		"	2.50		88.2	40-130				
Surrogate: d3-N-MeFOSAA	4.27		"	4.99		85.5	40-135				
Surrogate: d5-N-EtFOSAA	4.49		"	4.99		89.9	40-150				
Surrogate: M2-6:2 FTS	5.70		"	4.75		120	40-215				
Surrogate: M2-8:2 FTS	4.98		"	4.79		104	40-275				
Surrogate: M9PFNA	1.31		"	1.25		105	40-130				
Surrogate: M2-4:2 FTS	6.14		"	4.68		131	40-165				
Surrogate: d-N-MeFOSA	1.61		"	2.50		64.7	10-130				
Surrogate: d-N-EtFOSA	1.44		"	2.50		57.8	10-130				
Surrogate: M3HFPO-DA	11.6		"	9.98		117	40-130				
Surrogate: d9-N-EtFOSE	18.4		"	25.0		73.9	15-130				
Surrogate: d7-N-MeFOSE	19.1		"	25.0		76.5	20-130				

Batch BI50588 - EPA 1633 Prep

Blank (BI50588-BLK1)

Prepared: 09/09/2025 Analyzed: 09/15/2025

Perfluorobutanesulfonic acid (PFBS)	ND	0.177	ug/kg wet
Perfluorohexanoic acid (PFHxA)	ND	0.200	"
Perfluoroheptanoic acid (PFHpA)	ND	0.200	"
Perfluorohexanesulfonic acid (PFHxS)	ND	0.183	"
Perfluorooctanoic acid (PFOA)	ND	0.200	"
Perfluorooctanesulfonic acid (PFOS)	ND	0.186	"
Perfluorononanoic acid (PFNA)	ND	0.200	"
Perfluorodecanoic acid (PFDA)	ND	0.200	"
Perfluoroundecanoic acid (PFUnA)	ND	0.200	"
Perfluorododecanoic acid (PFDoA)	ND	0.200	"
Perfluorotridecanoic acid (PFTTrDA)	ND	0.200	"
Perfluorotetradecanoic acid (PFTA)	ND	0.200	"
N-MeFOSAA	ND	0.200	"
N-EtFOSAA	ND	0.500	"
Perfluoropentanoic acid (PFPeA)	ND	0.400	"
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.200	"
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.200	"
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.193	"
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	0.760	"
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	0.768	"
Perfluoro-n-butanoic acid (PFBA)	ND	0.800	"



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

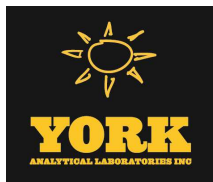
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BI50588 - EPA 1633 Prep

Blank (BI50588-BLK1)

Prepared: 09/09/2025 Analyzed: 09/15/2025

Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.356	ug/kg wet								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.400	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.400	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.400	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.188	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	0.750	"								
HFPO-DA (Gen-X)	ND	0.800	"								
11CL-PF3OUdS	ND	0.756	"								
9CL-PF3ONS	ND	0.748	"								
ADONA	ND	0.756	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.194	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.192	"								
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND	1.00	"								
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND	5.00	"								
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND	5.00	"								
N-MeFOSE	ND	2.00	"								
N-MeFOSA	ND	0.200	"								
N-EtFOSE	ND	2.00	"								
N-EtFOSA	ND	0.200	"								
Surrogate: M3PFBS	2.50		"	2.33		107	40-135				
Surrogate: M5PFHxA	2.61		"	2.50		104	40-130				
Surrogate: M4PFHpA	2.46		"	2.50		98.4	40-130				
Surrogate: M3PFHxS	1.65		"	2.37		69.7	40-130				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	1.77		"	2.50		70.7	40-130				
Surrogate: M6PFDA	0.633		"	1.25		50.7	40-130				
Surrogate: M7PFUdA	0.576		"	1.25		46.1	40-130				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	0.566		"	1.25		45.3	40-130				
Surrogate: M2PFTeDA	0.505		"	1.25		40.4	20-130				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	10.6		"	10.0		106	8-130				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	1.16		"	2.40		48.3	40-130				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5.64		"	5.00		113	35-130				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	1.48		"	2.50		59.0	40-130				
Surrogate: d3-N-MeFOSAA	3.14		"	5.00		62.7	40-135				
Surrogate: d5-N-EtFOSAA	2.88		"	5.00		57.5	40-150				
Surrogate: M2-6:2 FTS	4.08		"	4.76		85.7	40-215				
Surrogate: M2-8:2 FTS	3.14		"	4.80		65.4	40-275				
Surrogate: M9PFNA	0.758		"	1.25		60.7	40-130				
Surrogate: M2-4:2 FTS	5.99		"	4.69		128	40-165				
Surrogate: d-N-MeFOSA	1.51		"	2.50		60.5	10-130				
Surrogate: d-N-EtFOSA	1.34		"	2.50		53.5	10-130				
Surrogate: M3HFPO-DA	10.9		"	10.0		109	40-130				

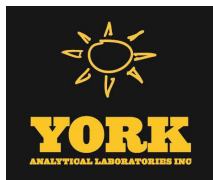


PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI50588 - EPA 1633 Prep											
Blank (BI50588-BLK1)						Prepared: 09/09/2025 Analyzed: 09/15/2025					
Surrogate: d9-N-EtFOSE	15.7		ug/kg wet	25.0		62.9	15-130				
Surrogate: d7-N-MeFOSE	15.1		"	25.0		60.5	20-130				
LCS (BI50588-BS1)						Prepared: 09/09/2025 Analyzed: 09/15/2025					
Perfluorobutanesulfonic acid (PFBS)	2.82	0.177	ug/kg wet	3.54		79.6	65-145				
Perfluorohexanoic acid (PFHxA)	3.13	0.200	"	4.00		78.4	65-140				
Perfluoroheptanoic acid (PFHpA)	2.93	0.200	"	4.00		73.2	65-145				
Perfluorohexanesulfonic acid (PFHxS)	3.00	0.183	"	3.66		82.0	60-150				
Perfluorooctanoic acid (PFOA)	3.20	0.200	"	4.00		80.0	70-150				
Perfluorooctanesulfonic acid (PFOS)	2.82	0.186	"	3.72		75.8	65-160				
Perfluorononanoic acid (PFNA)	3.27	0.200	"	4.00		81.8	70-155				
Perfluorodecanoic acid (PFDA)	3.37	0.200	"	4.00		84.3	70-155				
Perfluoroundecanoic acid (PFUnA)	3.03	0.200	"	4.00		75.7	70-155				
Perfluorododecanoic acid (PFDoA)	3.00	0.200	"	4.00		75.0	70-150				
Perfluorotridecanoic acid (PFTriDA)	3.51	0.200	"	4.00		87.7	65-150				
Perfluorotetradecanoic acid (PFTA)	3.21	0.200	"	4.00		80.2	65-150				
N-MeFOSAA	2.93	0.200	"	4.00		73.2	65-155				
N-EtFOSAA	2.73	0.500	"	4.00		68.3	65-165				
Perfluoropentanoic acid (PFPeA)	6.28	0.400	"	8.00		78.5	60-150				
Perfluoro-1-octanesulfonamide (FOSA)	3.14	0.200	"	4.00		78.5	70-140				
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.30	0.200	"	3.82		86.4	65-155				
Perfluoro-1-decanesulfonic acid (PFDS)	2.91	0.193	"	3.86		75.5	40-155				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	13.8	0.760	"	15.2		91.0	55-200				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	12.1	0.768	"	15.4		78.8	70-150				
Perfluoro-n-butanoic acid (PFBA)	12.4	0.800	"	16.0		77.6	70-140				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	5.69	0.356	"	7.12		79.9	70-140				
Perfluoro-3,6-dioxahexanoic acid (NFDHA)	4.89	0.400	"	8.00		61.1	60-155				
Perfluoro-4-oxapentanoic acid (PFMPA)	6.10	0.400	"	8.00		76.2	30-140				
Perfluoro-5-oxahexanoic acid (PFMBA)	6.15	0.400	"	8.00		76.9	60-150				
Perfluoro-1-pentanesulfonate (PFPeS)	3.24	0.188	"	3.76		86.1	55-160				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	12.8	0.750	"	15.0		85.2	60-150				
HFPO-DA (Gen-X)	7.88	0.800	"	8.00		98.4	70-145				
11CL-PF3OUdS	4.45	0.756	"	7.56		58.8	45-160				
9CL-PF3ONS	4.51	0.748	"	7.48		60.3	70-150				
ADONA	6.55	0.756	"	7.56		86.6	70-160				
Perfluorododecanesulfonic acid (PFDoS)	2.35	0.194	"	3.88		60.6	25-160				
Perfluoro-1-nonanesulfonic acid (PFNS)	2.87	0.192	"	3.84		74.8	55-140				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	17.1	1.00	"	16.0		107	45-130				
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	88.1	5.00	"	80.0		110	60-130				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	69.6	5.00	"	80.0		87.0	60-150				
N-MeFOSE	33.0	2.00	"	40.0		82.5	70-140				
N-MeFOSA	2.84	0.200	"	4.00		70.9	70-155				
N-EtFOSE	29.7	2.00	"	40.0		74.4	70-135				
N-EtFOSA	3.38	0.200	"	4.00		84.6	70-140				
Surrogate: M3PFBS	2.52		"	2.33		108	40-135				

Low Bias



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BI50588 - EPA 1633 Prep

LCS (BI50588-BS1)

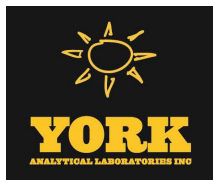
Prepared: 09/09/2025 Analyzed: 09/15/2025

Surrogate: M5PFHxA	2.65		ug/kg wet	2.50		106	40-130				
Surrogate: M4PFHpA	2.67		"	2.50		107	40-130				
Surrogate: M3PFHxS	2.11		"	2.37		88.9	40-130				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.27		"	2.50		90.9	40-130				
Surrogate: M6PFDA	0.874		"	1.25		69.9	40-130				
Surrogate: M7PFUDa	0.795		"	1.25		63.6	40-130				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	0.773		"	1.25		61.8	40-130				
Surrogate: M2PFTeDA	0.691		"	1.25		55.3	20-130				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	10.5		"	10.0		105	8-130				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	1.61		"	2.40		67.1	40-130				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5.47		"	5.00		109	35-130				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	1.79		"	2.50		71.7	40-130				
Surrogate: d3-N-MeFOSAA	3.73		"	5.00		74.6	40-135				
Surrogate: d5-N-EtFOSAA	3.75		"	5.00		75.1	40-150				
Surrogate: M2-6:2 FTS	4.73		"	4.76		99.6	40-215				
Surrogate: M2-8:2 FTS	3.75		"	4.80		78.1	40-275				
Surrogate: M9PFNA	1.01		"	1.25		80.6	40-130				
Surrogate: M2-4:2 FTS	5.63		"	4.69		120	40-165				
Surrogate: d-N-MeFOSA	2.06		"	2.50		82.6	10-130				
Surrogate: d-N-EtFOSA	1.89		"	2.50		75.4	10-130				
Surrogate: M3HFPO-DA	9.99		"	10.0		99.9	40-130				
Surrogate: d9-N-EtFOSE	20.0		"	25.0		80.0	15-130				
Surrogate: d7-N-MeFOSE	19.1		"	25.0		76.2	20-130				

LCS (BI50588-BS2)

Prepared: 09/09/2025 Analyzed: 09/15/2025

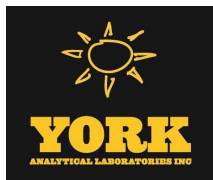
Perfluorobutanesulfonic acid (PFBS)	0.277	0.177	ug/kg wet	0.354		78.2	65-145				
Perfluorohexanoic acid (PFHxA)	0.313	0.200	"	0.400		78.1	65-140				
Perfluoroheptanoic acid (PFHpA)	0.293	0.200	"	0.400		73.1	65-145				
Perfluorohexanesulfonic acid (PFHxS)	0.271	0.183	"	0.366		74.0	60-150				
Perfluorooctanoic acid (PFOA)	0.318	0.200	"	0.400		79.4	70-150				
Perfluorooctanesulfonic acid (PFOS)	0.380	0.186	"	0.372		102	65-160				
Perfluorononanoic acid (PFNA)	0.329	0.200	"	0.400		82.3	70-155				
Perfluorodecanoic acid (PFDA)	0.308	0.200	"	0.400		76.9	70-155				
Perfluoroundecanoic acid (PFUnA)	0.297	0.200	"	0.400		74.3	70-155				
Perfluorododecanoic acid (PFDoA)	0.309	0.200	"	0.400		77.2	70-150				
Perfluorotridecanoic acid (PFTriDA)	0.299	0.200	"	0.400		74.8	65-150				
Perfluorotetradecanoic acid (PFTA)	0.320	0.200	"	0.400		80.1	65-150				
N-MeFOSAA	0.308	0.200	"	0.400		77.1	65-155				
N-EtFOSAA	0.329	0.500	"	0.400		82.3	65-165				
Perfluoropentanoic acid (PFPeA)	0.641	0.400	"	0.800		80.2	60-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.319	0.200	"	0.400		79.6	70-140				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.331	0.200	"	0.382		86.7	65-155				
Perfluoro-1-decanesulfonic acid (PFDS)	0.328	0.193	"	0.386		85.1	40-155				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1.44	0.760	"	1.52		94.4	55-200				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1.16	0.768	"	1.54		75.3	70-150				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Flag	RPD	RPD	Limit	Flag
		Limit		Level	Result	Limits	Limit					
Batch BI50588 - EPA 1633 Prep												
LCS (BI50588-BS2)						Prepared: 09/09/2025 Analyzed: 09/15/2025						
Perfluoro-n-butanoic acid (PFBA)	1.28	0.800	ug/kg wet	1.60		80.0	70-140					
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	0.601	0.356	"	0.712		84.4	70-140					
Perfluoro-3,6-dioxahепtanoic acid (NFDHA)	0.416	0.400	"	0.800		52.0	60-155	Low Bias				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.681	0.400	"	0.800		85.1	30-140					
Perfluoro-5-oxahexanoic acid (PFMBA)	0.667	0.400	"	0.800		83.4	60-150					
Perfluoro-1-pentanesulfonate (PFPeS)	0.298	0.188	"	0.376		79.2	55-160					
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1.30	0.750	"	1.50		86.9	60-150					
HFPO-DA (Gen-X)	0.544	0.800	"	0.800		68.0	70-145	Low Bias				
11CL-PF3OUdS	0.413	0.756	"	0.756		54.6	45-160					
9CL-PF3ONS	0.486	0.748	"	0.748		64.9	70-150	Low Bias				
ADONA	0.634	0.756	"	0.756		83.8	70-160					
Perfluorododecanesulfonic acid (PFDoS)	0.215	0.194	"	0.388		55.4	25-160					
Perfluoro-1-nonanesulfonic acid (PFNS)	0.277	0.192	"	0.384		72.2	55-140					
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	1.89	1.00	"	1.60		118	45-130					
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	9.35	5.00	"	8.00		117	60-130					
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	7.91	5.00	"	8.00		98.9	60-150					
N-MeFOSE	3.66	2.00	"	4.00		91.4	70-140					
N-MeFOSA	0.344	0.200	"	0.400		86.0	70-155					
N-EtFOSE	3.48	2.00	"	4.00		86.9	70-135					
N-EtFOSA	0.396	0.200	"	0.400		99.0	70-140					
Surrogate: M3PFBS	2.39		"	2.33		103	40-135					
Surrogate: M5PFHxA	2.57		"	2.50		103	40-130					
Surrogate: M4PFHpA	2.70		"	2.50		108	40-130					
Surrogate: M3PFHxS	2.18		"	2.37		91.8	40-130					
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.37		"	2.50		94.7	40-130					
Surrogate: M6PFDA	1.01		"	1.25		80.9	40-130					
Surrogate: M7PFUdA	0.903		"	1.25		72.3	40-130					
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	0.853		"	1.25		68.3	40-130					
Surrogate: M2PFTeDA	0.805		"	1.25		64.4	20-130					
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	9.97		"	10.0		99.7	8-130					
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	1.83		"	2.40		76.6	40-130					
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5.23		"	5.00		105	35-130					
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	1.95		"	2.50		77.9	40-130					
Surrogate: d3-N-MeFOSAA	4.02		"	5.00		80.4	40-135					
Surrogate: d5-N-EtFOSAA	3.90		"	5.00		78.0	40-150					
Surrogate: M2-6:2 FTS	5.36		"	4.76		113	40-215					
Surrogate: M2-8:2 FTS	4.57		"	4.80		95.2	40-275					
Surrogate: M9PFNA	1.07		"	1.25		85.8	40-130					
Surrogate: M2-4:2 FTS	5.93		"	4.69		126	40-165					
Surrogate: d-N-MeFOSA	2.05		"	2.50		82.1	10-130					
Surrogate: d-N-EtFOSA	2.02		"	2.50		80.6	10-130					



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BI50588 - EPA 1633 Prep

LCS (BI50588-BS2)

Prepared: 09/09/2025 Analyzed: 09/15/2025

Surrogate: M3HFPO-DA	10.5		ug/kg wet	10.0		105	40-130				
Surrogate: d9-N-EtFOSE	20.4		"	25.0		81.7	15-130				
Surrogate: d7-N-MeFOSE	19.5		"	25.0		77.9	20-130				



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

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH51147 - EPA 3050B

Blank (BH51147-BLK1)

Prepared: 08/14/2025 Analyzed: 08/15/2025

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

Reference (BH51147-SRM1)

Prepared: 08/14/2025 Analyzed: 08/15/2025

Arsenic	151	1.25	mg/kg wet	148	102	81.1-119.6
Barium	212	2.08	"	191	111	81.7-118.3
Cadmium	187	0.250	"	190	98.2	82.1-118.4
Chromium	137	0.417	"	132	104	81.1-118.9
Lead	98.8	0.417	"	98.6	100	81.8-117.6
Selenium	123	2.08	"	124	99.1	78.5-121
Silver	55.5	0.420	"	54.9	101	79.4-120.8



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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH51030 - EPA 7473 soil

Blank (BH51030-BLK1)

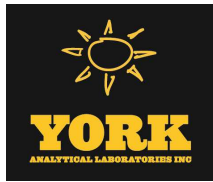
Prepared: 08/13/2025 Analyzed: 08/14/2025

Mercury	ND	0.0300	mg/kg wet
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Reference (BH51030-SRM1)

Prepared: 08/13/2025 Analyzed: 08/14/2025

Mercury	22.383		mg/kg	24.0		93.3	55.8-109.6
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Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
25H0721-01	SB-10 4-8	40mL Vial with Stir Bar-Cool 4° C
25H0721-02	SB-11 4-8	40mL Vial with Stir Bar-Cool 4° C



Sample and Data Qualifiers Relating to This Work Order

S-08	The recovery of this surrogate was outside of QC limits.
PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.
PF-LCS-L	The LCS recovery for this PFAS compound was below control limits.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
HT-NFD	NFDHA was extracted outside of the 3-day holding time established by 1633A. NFDHA is not a regulated analyte, and does not have a toxicity factor or corresponding EPA Regional Screening Level. These results should not impact data usability
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)

Definitions and Other Explanations

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

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



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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Revision Description: This report has been revised to report additional analyses.



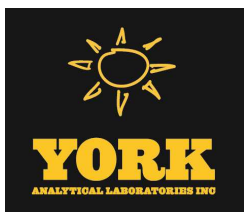
Field Chain-of-Custody Record

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document. This legal document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

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

Report To:		Invoice To:		YOUR Project Name / Number		Samples Collected From		Turn-Around Time	
Company:	Address:	Company:	Address:	NY	CT	PA	Other: (please specify)	RUSH - Next Day	
Phone:	Contact:	Phone:	Contact:	NJ				RUSH - Two Day	
E-mail:	E-mail:							RUSH - Three Day	
								RUSH - Four Day	
								RUSH - Five Day	
								Standard (6-9 Day)	
								PFAS Standard 7-10 Day	
Company: PVEDI Address: 485 Springfield Avenue Plainville, CT 06061 Phone: 860-454-0644 Contact: Travis Treanor E-mail: treanor@pved.com				561295		Analyses Requested		Report Type (circle) QA Report	
Ken Atkins Haverhill, MA				561295				Summary (Results Only) NY ASP B Package NJ Reduced NJ DKQP NJ Full NJ CT RCP	
Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.				Preservative (please list number of containers)				EDD Type (circle) EQUIS (standard) NYSDEC EQUIS	
Matrix Codes				Unpreserved				NJDEP SRP Haz Site Standard Excel CMDP Other:	
S - soil/solid/sludge GW - groundwater DW - drinking water SW - surface water WW - wastewater O - Oil Other:				HCl (hydrochloric acid) MeOH (methanol) HNO ₃ (nitric acid) H ₂ SO ₄ (sulfuric acid) NaOH (sodium hydroxide) Na ₂ S ₂ O ₃ (sodium thio.) Triuma Ammonium Acetate				Regulatory Comparative Compared to the following Regulation(s): (please fill in)	
Samples Collected by: (print AND sign your name)				Date		Time		Field Filtered	
Sample Identification				Date		Time		Lab Filtered	
SB-10 4-8 20250811 8/11/06 9:50				8/11/06		9:50			
SB-11 4-6 20250811 8/11/06 12:30				8/11/06		12:30			
PCAS FB 20250811 8/11/06 9:50				8/11/06		9:50			

Comments:		Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N	
		Custody Seals: Y / N	Containers Initialed: Y / N
		COC Complete: Y / N	Appropriate Sample Volumes: Y / N
		Cooler Temperature Confirmed: Y / N	Samples Submitted within Holding Times: Y / N
		Corrective Action Form Required: Y / N	
1. Samples Relinquished by / Company PVEDI 8-12-25 8:45		2. Samples Relinquished by / Company Chae 8-12-25 15:05	
3. Samples Received by / Company PVEDI 8-12-25 8:45		3. Samples Received by / Company Chae 8-12-25 15:05	
4. Samples Relinquished by / Company		4. Samples Received by / Company Chae 8-12-25 15:05	



Technical Report

prepared for:

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

Report Date: 09/05/2025
Client Project ID: 561295
York Project (SDG) No.: 25H0827

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



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

120 RESEARCH DRIVE
www.YORKLAB.com

STRATFORD, CT 06615
(203) 325-1371



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

RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 09/05/2025
Client Project ID: 561295
York Project (SDG) No.: 25H0827

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

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on August 13, 2025 and listed below. The project was identified as your project: **561295**.

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

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

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

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

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

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
25H0827-01	SB-12 4-8 20250812	Soil	08/12/2025	08/13/2025
25H0827-02	SB-13 2-5 20250812	Soil	08/12/2025	08/13/2025
25H0827-03	SB-14 2-6 20250812	Soil	08/12/2025	08/13/2025
25H0827-04	PFAS FB 20250812	Water	08/12/2025	08/13/2025

General Notes for York Project (SDG) No.: 25H0827

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

Approved By: 

Cassie L. Mosher
Laboratory Manager

Date: 09/05/2025





York Sample ID: 25H0827-01

Date Received

08/13/2025

Sample Notes:

Sample Prepared by Method: EPA 5035A

SVOA, 8270 MASTER

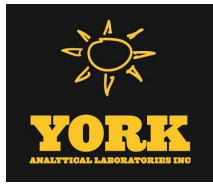
Sample Prepared by Method: EPA 3546 SVOA

Log-in Notes:

Sample Notes:

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

RICHMOND HILL, NY 11418
ClientServices@ [REDACTED] Page



Sample Information

Client Sample ID: SB-12 4-8 20250812

York Sample ID: 25H0827-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25H0827

561295

Soil

August 12, 2025 7:50 am

08/13/2025

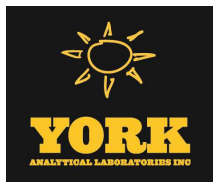
SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0225	0.0449	1	EPA 8270E Certifications: NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440	08/19/2025 08:47	08/23/2025 18:07	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0449	0.0897	1	EPA 8270E Certifications: NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440	08/19/2025 08:47	08/23/2025 18:07	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0225	0.0449	1	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/19/2025 08:47	08/23/2025 18:07	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0225	0.0449	1	EPA 8270E Certifications: NYSDOH-NY10854,PADEP-68-04440	08/19/2025 08:47	08/23/2025 18:07	SS
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0225	0.0449	1	EPA 8270E Certifications: NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440	08/19/2025 08:47	08/23/2025 18:07	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0225	0.0449	1	EPA 8270E Certifications: NYSDOH-NY10854,PADEP-68-04440	08/19/2025 08:47	08/23/2025 18:07	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0225	0.0449	1	EPA 8270E Certifications: NYSDOH-NY10854,PADEP-68-04440	08/19/2025 08:47	08/23/2025 18:07	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0449	0.0897	1	EPA 8270E Certifications: NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440	08/19/2025 08:47	08/23/2025 18:07	SS
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0225	0.0449	1	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/19/2025 08:47	08/23/2025 18:07	SS
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0225	0.0449	1	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/19/2025 08:47	08/23/2025 18:07	SS
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0225	0.0449	1	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/19/2025 08:47	08/23/2025 18:07	SS
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0225	0.0449	1	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/19/2025 08:47	08/23/2025 18:07	SS
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0449	0.0897	1	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/19/2025 08:47	08/23/2025 18:07	SS
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0225	0.0449	1	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/19/2025 08:47	08/23/2025 18:07	SS
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0225	0.0449	1	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/19/2025 08:47	08/23/2025 18:07	SS
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0225	0.0449	1	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/19/2025 08:47	08/23/2025 18:07	SS
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0225	0.0449	1	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/19/2025 08:47	08/23/2025 18:07	SS
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0225	0.0449	1	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/19/2025 08:47	08/23/2025 18:07	SS
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0225	0.0449	1	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/19/2025 08:47	08/23/2025 18:07	SS
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0449	0.0897	1	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/19/2025 08:47	08/23/2025 18:07	SS
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0225	0.0449	1	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/19/2025 08:47	08/23/2025 18:07	SS
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0225	0.0449	1	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/19/2025 08:47	08/23/2025 18:07	SS
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0225	0.0449	1	EPA 8270E Certifications: NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440	08/19/2025 08:47	08/23/2025 18:07	SS



Sample Information

Client Sample ID: SB-12 4-8 20250812

York Sample ID: 25H0827-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25H0827

561295

Soil

August 12, 2025 7:50 am

08/13/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0449	0.0897	1	EPA 8270E Certifications:	08/19/2025 08:47	08/23/2025 18:07	SS
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0449	0.0897	1	EPA 8270E Certifications:	08/19/2025 08:47	08/23/2025 18:07	SS
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0225	0.0449	1	EPA 8270E Certifications:	08/19/2025 08:47	08/23/2025 18:07	SS
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0225	0.0449	1	EPA 8270E Certifications:	08/19/2025 08:47	08/23/2025 18:07	SS
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0225	0.0449	1	EPA 8270E Certifications:	08/19/2025 08:47	08/23/2025 18:07	SS
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0225	0.0449	1	EPA 8270E Certifications:	08/19/2025 08:47	08/23/2025 18:07	SS
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0449	0.0897	1	EPA 8270E Certifications:	08/19/2025 08:47	08/23/2025 18:07	SS
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0449	0.0897	1	EPA 8270E Certifications:	08/19/2025 08:47	08/23/2025 18:07	SS
83-32-9	Acenaphthene	ND		mg/kg dry	0.0225	0.0449	1	EPA 8270E Certifications:	08/19/2025 08:47	08/23/2025 18:07	SS
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0225	0.0449	1	EPA 8270E Certifications:	08/19/2025 08:47	08/23/2025 18:07	SS
98-86-2	Acetophenone	ND		mg/kg dry	0.0225	0.0449	1	EPA 8270E Certifications:	08/19/2025 08:47	08/23/2025 18:07	SS
62-53-3	Aniline	ND		mg/kg dry	0.0899	0.180	1	EPA 8270E Certifications:	08/19/2025 08:47	08/23/2025 18:07	SS
120-12-7	Anthracene	ND		mg/kg dry	0.0225	0.0449	1	EPA 8270E Certifications:	08/19/2025 08:47	08/23/2025 18:07	SS
1912-24-9	Atrazine	ND		mg/kg dry	0.0225	0.0449	1	EPA 8270E Certifications:	08/19/2025 08:47	08/23/2025 18:07	SS
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0225	0.0449	1	EPA 8270E Certifications:	08/19/2025 08:47	08/23/2025 18:07	SS
92-87-5	Benzidine	ND		mg/kg dry	0.0899	0.180	1	EPA 8270E Certifications:	08/19/2025 08:47	08/23/2025 18:07	SS
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0225	0.0449	1	EPA 8270E Certifications:	08/19/2025 08:47	08/23/2025 18:07	SS
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0225	0.0449	1	EPA 8270E Certifications:	08/19/2025 08:47	08/23/2025 18:07	SS
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0225	0.0449	1	EPA 8270E Certifications:	08/19/2025 08:47	08/23/2025 18:07	SS
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0225	0.0449	1	EPA 8270E Certifications:	08/19/2025 08:47	08/23/2025 18:07	SS
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0225	0.0449	1	EPA 8270E Certifications:	08/19/2025 08:47	08/23/2025 18:07	SS
65-85-0	Benzoic acid	ND	CCVE	mg/kg dry	0.0225	0.0449	1	EPA 8270E Certifications:	08/19/2025 08:47	08/23/2025 18:07	SS
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0225	0.0449	1	EPA 8270E Certifications:	08/19/2025 08:47	08/23/2025 18:07	SS



Sample Information

Client Sample ID: SB-12 4-8 20250812

York Sample ID: 25H0827-01

York Project (SDG) No.
25H0827

Client Project ID
561295

Matrix
Soil

Collection Date/Time
August 12, 2025 7:50 am

Date Received
08/13/2025

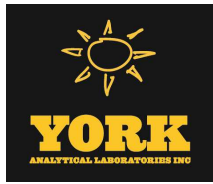
SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0225	0.0449	1	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/23/2025 18:07	SS
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0225	0.0449	1	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/23/2025 18:07	SS
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0225	0.0449	1	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/23/2025 18:07	SS
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0225	0.0449	1	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/23/2025 18:07	SS
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0225	0.0449	1	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/23/2025 18:07	SS
105-60-2	Caprolactam	ND		mg/kg dry	0.0449	0.0897	1	EPA 8270E Certifications:	08/19/2025 08:47 NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440	08/23/2025 18:07	SS
86-74-8	Carbazole	ND		mg/kg dry	0.0225	0.0449	1	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/23/2025 18:07	SS
218-01-9	Chrysene	ND		mg/kg dry	0.0225	0.0449	1	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/23/2025 18:07	SS
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0225	0.0449	1	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/23/2025 18:07	SS
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0225	0.0449	1	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/23/2025 18:07	SS
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0225	0.0449	1	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/23/2025 18:07	SS
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0225	0.0449	1	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/23/2025 18:07	SS
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0225	0.0449	1	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/23/2025 18:07	SS
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0225	0.0449	1	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/23/2025 18:07	SS
206-44-0	Fluoranthene	ND		mg/kg dry	0.0225	0.0449	1	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/23/2025 18:07	SS
86-73-7	Fluorene	ND		mg/kg dry	0.0225	0.0449	1	EPA 8270E Certifications:	08/19/2025 08:47 NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440	08/23/2025 18:07	SS
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0225	0.0449	1	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/23/2025 18:07	SS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0225	0.0449	1	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/23/2025 18:07	SS
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	mg/kg dry	0.0225	0.0449	1	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/23/2025 18:07	SS
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0225	0.0449	1	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/23/2025 18:07	SS
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0225	0.0449	1	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/23/2025 18:07	SS
78-59-1	Isophorone	ND		mg/kg dry	0.0225	0.0449	1	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/23/2025 18:07	SS
91-20-3	Naphthalene	ND		mg/kg dry	0.0225	0.0449	1	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/23/2025 18:07	SS



Sample Information

Client Sample ID: SB-12 4-8 20250812

York Sample ID: 25H0827-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25H0827

561295

Soil

August 12, 2025 7:50 am

08/13/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0225	0.0449	1	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/19/2025 08:47	08/23/2025 18:07	SS
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0225	0.0449	1	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/19/2025 08:47	08/23/2025 18:07	SS
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0225	0.0449	1	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/19/2025 08:47	08/23/2025 18:07	SS
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0225	0.0449	1	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/19/2025 08:47	08/23/2025 18:07	SS
87-86-5	Pentachlorophenol	ND	CAL-E, CCVE	mg/kg dry	0.0225	0.0449	1	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/19/2025 08:47	08/23/2025 18:07	SS
85-01-8	Phenanthrene	0.0226	J	mg/kg dry	0.0225	0.0449	1	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/19/2025 08:47	08/23/2025 18:07	SS
108-95-2	Phenol	ND		mg/kg dry	0.0225	0.0449	1	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/19/2025 08:47	08/23/2025 18:07	SS
129-00-0	Pyrene	0.0240	J	mg/kg dry	0.0225	0.0449	1	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/19/2025 08:47	08/23/2025 18:07	SS
110-86-1	Pyridine	ND	CAL-E	mg/kg dry	0.0899	0.180	1	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/19/2025 08:47	08/23/2025 18:07	SS
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	22.6 %			20-108						
13127-88-3	Surrogate: SURR: Phenol-d6	19.7 %	S-08		23-114						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	19.2 %	S-08		22-108						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	23.4 %			21-113						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	25.5 %			19-110						
1718-51-0	Surrogate: SURR: Terphenyl-d14	25.3 %			24-116						

Q P PFAS, EPA 1633a NFDHA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	HT-NF D	ug/kg dry	0.421	0.432	1	EPA 1633A Certifications: NYSDOH-NY12058	09/03/2025 08:52	09/04/2025 15:36	AM

Q P PFAS, EPA 1633a Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND	PF-LCS -L	ug/kg dry	0.0756	0.191	1	EPA 1633A Certifications: NYSDOH-NY12058	09/03/2025 08:52	09/04/2025 15:36	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND	PF-LCS -L	ug/kg dry	0.0540	0.216	1	EPA 1633A Certifications: NYSDOH-NY12058	09/03/2025 08:52	09/04/2025 15:36	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND	PF-LCS -L	ug/kg dry	0.119	0.216	1	EPA 1633A Certifications: NYSDOH-NY12058	09/03/2025 08:52	09/04/2025 15:36	AM



Sample Information

Client Sample ID: SB-12 4-8 20250812

York Sample ID: 25H0827-01

York Project (SDG) No.

25H0827

Client Project ID

561295

Matrix

Soil

Collection Date/Time

August 12, 2025 7:50 am

Date Received

08/13/2025

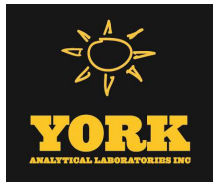
Q P PFAS, EPA 1633a Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND	PF-LCS -L	ug/kg dry	0.0756	0.198	1	EPA 1633A Certifications: NYSDOH-NY12058	09/03/2025 08:52	09/04/2025 15:36	AM
335-67-1	Perfluorooctanoic acid (PFOA)	0.0844	J, PF-LCS -L	ug/kg dry	0.0756	0.216	1	EPA 1633A Certifications: NYSDOH-NY12058	09/03/2025 08:52	09/04/2025 15:36	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND	PF-LCS -L	ug/kg dry	0.0756	0.201	1	EPA 1633A Certifications: NYSDOH-NY12058	09/03/2025 08:52	09/04/2025 15:36	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND	PF-LCS -L	ug/kg dry	0.151	0.216	1	EPA 1633A Certifications: NYSDOH-NY12058	09/03/2025 08:52	09/04/2025 15:36	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND	PF-LCS -L	ug/kg dry	0.0864	0.216	1	EPA 1633A Certifications: NYSDOH-NY12058	09/03/2025 08:52	09/04/2025 15:36	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND	PF-LCS -L	ug/kg dry	0.119	0.216	1	EPA 1633A Certifications: NYSDOH-NY12058	09/03/2025 08:52	09/04/2025 15:36	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND	PF-LCS -L	ug/kg dry	0.0864	0.216	1	EPA 1633A Certifications: NYSDOH-NY12058	09/03/2025 08:52	09/04/2025 15:36	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND	PF-LCS -L	ug/kg dry	0.119	0.216	1	EPA 1633A Certifications: NYSDOH-NY12058	09/03/2025 08:52	09/04/2025 15:36	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND	PF-LCS -L	ug/kg dry	0.140	0.216	1	EPA 1633A Certifications: NYSDOH-NY12058	09/03/2025 08:52	09/04/2025 15:36	AM
2355-31-9	N-MeFOSAA	ND	PF-LCS -L	ug/kg dry	0.0864	0.216	1	EPA 1633A Certifications: NYSDOH-NY12058	09/03/2025 08:52	09/04/2025 15:36	AM
2991-50-6	N-EtFOSAA	ND	PF-LCS -L	ug/kg dry	0.540	0.540	1	EPA 1633A Certifications: NYSDOH-NY12058	09/03/2025 08:52	09/04/2025 15:36	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND	PF-LCS -L	ug/kg dry	0.0864	0.432	1	EPA 1633A Certifications: NYSDOH-NY12058	09/03/2025 08:52	09/04/2025 15:36	AM
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND	PF-LCS -L	ug/kg dry	0.0324	0.216	1	EPA 1633A Certifications: NYSDOH-NY12058	09/03/2025 08:52	09/04/2025 15:36	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	PF-LCS -L	ug/kg dry	0.0756	0.216	1	EPA 1633A Certifications: NYSDOH-NY12058	09/03/2025 08:52	09/04/2025 15:36	AM
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0648	0.208	1	EPA 1633A Certifications: NYSDOH-NY12058	09/03/2025 08:52	09/04/2025 15:36	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.194	0.821	1	EPA 1633A Certifications: NYSDOH-NY12058	09/03/2025 08:52	09/04/2025 15:36	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	PF-LCS -L	ug/kg dry	0.173	0.830	1	EPA 1633A Certifications: NYSDOH-NY12058	09/03/2025 08:52	09/04/2025 15:36	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND	PF-LCS -L	ug/kg dry	0.173	0.864	1	EPA 1633A Certifications: NYSDOH-NY12058	09/03/2025 08:52	09/04/2025 15:36	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	PF-LCS -L	ug/kg dry	0.0648	0.385	1	EPA 1633A Certifications: NYSDOH-NY12058	09/03/2025 08:52	09/04/2025 15:36	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0432	0.432	1	EPA 1633A Certifications: NYSDOH-NY12058	09/03/2025 08:52	09/04/2025 15:36	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.130	0.432	1	EPA 1633A Certifications: NYSDOH-NY12058	09/03/2025 08:52	09/04/2025 15:36	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND	PF-LCS -L	ug/kg dry	0.0756	0.203	1	EPA 1633A Certifications: NYSDOH-NY12058	09/03/2025 08:52	09/04/2025 15:36	AM



Sample Information

Client Sample ID: SB-12 4-8 20250812

York Sample ID: 25H0827-01

York Project (SDG) No.

25H0827

Client Project ID

561295

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Collection Date/Time

August 12, 2025 7:50 am

Date Received

08/13/2025

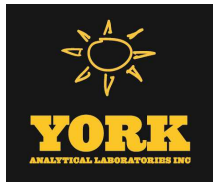
Q P PFAS, EPA 1633a Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	PF-LCS -L	ug/kg dry	0.238	0.810	1	EPA 1633A Certifications: NYSDOH-NY12058	09/03/2025 08:52	09/04/2025 15:36	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ug/kg dry	0.248	0.864	1	EPA 1633A Certifications: NYSDOH-NY12058	09/03/2025 08:52	09/04/2025 15:36	AM
763051-92-9	11CL-PF3OUdS	ND		ug/kg dry	0.238	0.817	1	EPA 1633A Certifications: NYSDOH-NY12058	09/03/2025 08:52	09/04/2025 15:36	AM
756426-58-1	9CL-PF3ONS	ND	PF-LCS -L	ug/kg dry	0.292	0.808	1	EPA 1633A Certifications: NYSDOH-NY12058	09/03/2025 08:52	09/04/2025 15:36	AM
919005-14-4	ADONA	ND	PF-LCS -L	ug/kg dry	0.281	0.817	1	EPA 1633A Certifications: NYSDOH-NY12058	09/03/2025 08:52	09/04/2025 15:36	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.162	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	09/03/2025 08:52	09/04/2025 15:36	AM
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND	PF-LCS -L	ug/kg dry	0.151	0.207	1	EPA 1633A Certifications: NYSDOH-NY12058	09/03/2025 08:52	09/04/2025 15:36	AM
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.346	1.08	1	EPA 1633A Certifications: NYSDOH-NY12058	09/03/2025 08:52	09/04/2025 15:36	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	0.789	5.40	1	EPA 1633A Certifications: NYSDOH-NY12058	09/03/2025 08:52	09/04/2025 15:36	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.02	5.40	1	EPA 1633A Certifications: NYSDOH-NY12058	09/03/2025 08:52	09/04/2025 15:36	AM
24448-09-7	N-MeFOSE	ND	PF-LCS -L	ug/kg dry	0.789	2.16	1	EPA 1633A Certifications: NYSDOH-NY12058	09/03/2025 08:52	09/04/2025 15:36	AM
31506-32-8	N-MeFOSA	ND		ug/kg dry	0.140	0.216	1	EPA 1633A Certifications: NYSDOH-NY12058	09/03/2025 08:52	09/04/2025 15:36	AM
1691-99-2	N-EtFOSE	ND	PF-LCS -L	ug/kg dry	0.497	2.16	1	EPA 1633A Certifications: NYSDOH-NY12058	09/03/2025 08:52	09/04/2025 15:36	AM
4151-50-2	N-EtFOSA	ND		ug/kg dry	0.0972	0.216	1	EPA 1633A Certifications: NYSDOH-NY12058	09/03/2025 08:52	09/04/2025 15:36	AM
Surrogate Recoveries		Result	Acceptance Range								
M3PFBS	Surrogate: M3PFBS	135 %	PFSu-H	40-135							
338-30-1	Surrogate: M5PFHxA	123 %		40-130							
13C4PFHPA	Surrogate: M4PFHpA	126 %		40-130							
13C3PFHXS	Surrogate: M3PFHxS	122 %		40-130							
13C8PFOA	Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	122 %		40-130							
13C6PFDA	Surrogate: M6PFDA	128 %		40-130							
13C7PFUNA	Surrogate: M7PFUdA	126 %		40-130							
960315-52-0	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	126 %		40-130							
13C2PFTEDA	Surrogate: M2PFTeDA	109 %		20-130							
13C4PFBA	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	120 %		8-130							
13C8PFOS	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	132 %	PFSu-H	40-130							



Sample Information

Client Sample ID: SB-12 4-8 20250812

York Sample ID: 25H0827-01

York Project (SDG) No.

25H0827

Client Project ID

561295

Matrix

Soil

Collection Date/Time

August 12, 2025 7:50 am

Date Received

08/13/2025

Q P PFAS, EPA 1633a Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C5PFPEA	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	125 %			35-130						
13C8FOSA	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	145 %	PFSu-H		40-130						
D3-NMEFOSAA	Surrogate: d3-N-MeFOSAA	137 %	PFSu-H		40-135						
D5-NETFOSAA	Surrogate: d5-N-EtFOSAA	129 %			40-150						
M2-6:2FTS	Surrogate: M2-6:2 FTS	163 %			40-215						
M2-8:2FTS	Surrogate: M2-8:2 FTS	165 %			40-275						
13C9PFNA	Surrogate: M9PFNA	130 %	PFSu-H		40-130						
M2-4:2FTS	Surrogate: M2-4:2 FTS	170 %	PFSu-H		40-165						
936109-37-4	Surrogate: d-N-MeFOSA	99.6 %			10-130						
936109-40-9	Surrogate: d-N-EtFOSA	101 %			10-130						
M3HFPO-DA	Surrogate: M3HFPO-DA	154 %	PFSu-H		40-130						
D9-NETPFOSA	Surrogate: d9-N-EtFOSE	119 %			15-130						
D7-NMEPFOSA	Surrogate: d7-N-MeFOSE	117 %			20-130						

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	4.69		mg/kg dry	1.35	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/17/2025 08:19	08/18/2025 12:42	JWT
7440-39-3	Barium	46.3		mg/kg dry	2.25	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/17/2025 08:19	08/18/2025 12:42	JWT
7440-43-9	Cadmium	ND		mg/kg dry	0.270	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/17/2025 08:19	08/18/2025 12:42	JWT
7440-47-3	Chromium	14.7		mg/kg dry	0.450	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/17/2025 08:19	08/18/2025 12:42	JWT
7439-92-1	Lead	14.7		mg/kg dry	0.450	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/17/2025 08:19	08/18/2025 12:42	JWT
7782-49-2	Selenium	ND		mg/kg dry	2.25	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/17/2025 08:19	08/18/2025 12:42	JWT
7440-22-4	Silver	ND	M-CCV 1	mg/kg dry	0.454	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/17/2025 08:19	08/18/2025 12:42	JWT

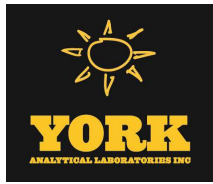
Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0324	1	EPA 7473 Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0	08/14/2025 11:51	08/14/2025 16:37	JWT



Sample Information

Client Sample ID: SB-12 4-8 20250812

York Sample ID: 25H0827-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25H0827

561295

Soil

August 12, 2025 7:50 am

08/13/2025

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	92.6		%	0.100	1	SM 2540G Certifications: CTDPH-PH-0840	08/18/2025 08:59	08/18/2025 12:08	BF

Sample Information

Client Sample ID: SB-13 2-5 20250812

York Sample ID: 25H0827-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25H0827

561295

Soil

August 12, 2025 10:50 am

08/13/2025

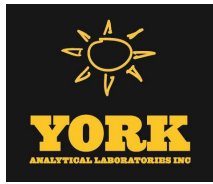
VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/14/2025 11:00	08/14/2025 20:46	AC
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/14/2025 11:00	08/14/2025 20:46	AC
71-43-2	Benzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/14/2025 11:00	08/14/2025 20:46	AC
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/14/2025 11:00	08/14/2025 20:46	AC
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/14/2025 11:00	08/14/2025 20:46	AC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/14/2025 11:00	08/14/2025 20:46	AC
91-20-3	Naphthalene	ND		mg/kg dry	0.0020	0.0082	1	EPA 8260D Certifications: NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-61	08/14/2025 11:00	08/14/2025 20:46	AC
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/14/2025 11:00	08/14/2025 20:46	AC
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/14/2025 11:00	08/14/2025 20:46	AC
95-47-6	o-Xylene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,PADEP	08/14/2025 11:00	08/14/2025 20:46	AC
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,PADEP	08/14/2025 11:00	08/14/2025 20:46	AC
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/14/2025 11:00	08/14/2025 20:46	AC
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/14/2025 11:00	08/14/2025 20:46	AC
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/14/2025 11:00	08/14/2025 20:46	AC



Sample Information

Client Sample ID: SB-13 2-5 20250812

York Sample ID: 25H0827-02

York Project (SDG) No.

25H0827

Client Project ID

561295

Matrix

Soil

Collection Date/Time

August 12, 2025 10:50 am

Date Received

08/13/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-88-3	Toluene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	08/14/2025 11:00	08/14/2025 20:46	AC
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D Certifications:	08/14/2025 11:00	08/14/2025 20:46	AC
	Surrogate Recoveries	Result			Acceptance Range						
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	107 %			77-125						
2037-26-5	Surrogate: SURR: Toluene-d8	95.7 %			85-120						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	96.7 %			76-130						

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270E Certifications:	08/19/2025 08:47	08/23/2025 18:36	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0947	0.189	2	EPA 8270E Certifications:	08/19/2025 08:47	08/23/2025 18:36	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270E Certifications:	08/19/2025 08:47	08/23/2025 18:36	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270E Certifications:	08/19/2025 08:47	08/23/2025 18:36	SS
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270E Certifications:	08/19/2025 08:47	08/23/2025 18:36	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270E Certifications:	08/19/2025 08:47	08/23/2025 18:36	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270E Certifications:	08/19/2025 08:47	08/23/2025 18:36	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0947	0.189	2	EPA 8270E Certifications:	08/19/2025 08:47	08/23/2025 18:36	SS
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270E Certifications:	08/19/2025 08:47	08/23/2025 18:36	SS
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270E Certifications:	08/19/2025 08:47	08/23/2025 18:36	SS
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270E Certifications:	08/19/2025 08:47	08/23/2025 18:36	SS
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270E Certifications:	08/19/2025 08:47	08/23/2025 18:36	SS
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0947	0.189	2	EPA 8270E Certifications:	08/19/2025 08:47	08/23/2025 18:36	SS
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270E Certifications:	08/19/2025 08:47	08/23/2025 18:36	SS
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270E Certifications:	08/19/2025 08:47	08/23/2025 18:36	SS



Sample Information

Client Sample ID: SB-13 2-5 20250812

York Sample ID: 25H0827-02

York Project (SDG) No.
25H0827

Client Project ID
561295

Matrix
Soil

Collection Date/Time
August 12, 2025 10:50 am

Date Received
08/13/2025

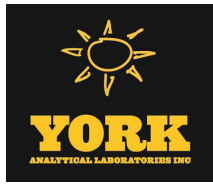
SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/23/2025 18:36	SS
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/23/2025 18:36	SS
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/23/2025 18:36	SS
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/23/2025 18:36	SS
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0947	0.189	2	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/23/2025 18:36	SS
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/23/2025 18:36	SS
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/23/2025 18:36	SS
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270E Certifications:	08/19/2025 08:47 NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440	08/23/2025 18:36	SS
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0947	0.189	2	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/23/2025 18:36	SS
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0947	0.189	2	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/23/2025 18:36	SS
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/23/2025 18:36	SS
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/23/2025 18:36	SS
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/23/2025 18:36	SS
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/23/2025 18:36	SS
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0947	0.189	2	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/23/2025 18:36	SS
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0947	0.189	2	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/23/2025 18:36	SS
83-32-9	Acenaphthene	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/23/2025 18:36	SS
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/23/2025 18:36	SS
98-86-2	Acetophenone	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270E Certifications:	08/19/2025 08:47 NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440	08/23/2025 18:36	SS
62-53-3	Aniline	ND		mg/kg dry	0.190	0.379	2	EPA 8270E Certifications:	08/19/2025 08:47 NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440	08/23/2025 18:36	SS
120-12-7	Anthracene	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/23/2025 18:36	SS
1912-24-9	Atrazine	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270E Certifications:	08/19/2025 08:47 NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440	08/23/2025 18:36	SS
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270E Certifications:	08/19/2025 08:47 NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440	08/23/2025 18:36	SS



Sample Information

Client Sample ID: SB-13 2-5 20250812

York Sample ID: 25H0827-02

York Project (SDG) No.

25H0827

Client Project ID

561295

Matrix

Soil

Collection Date/Time

August 12, 2025 10:50 am

Date Received

08/13/2025

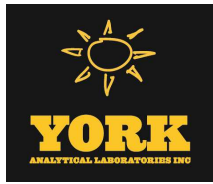
SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-87-5	Benzidine	ND		mg/kg dry	0.190	0.379	2	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440	08/23/2025 18:36	SS
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/23/2025 18:36	SS
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/23/2025 18:36	SS
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/23/2025 18:36	SS
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/23/2025 18:36	SS
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/23/2025 18:36	SS
65-85-0	Benzoic acid	ND	CCVE	mg/kg dry	0.0474	0.0947	2	EPA 8270E Certifications:	08/19/2025 08:47 NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440	08/23/2025 18:36	SS
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270E Certifications:	08/19/2025 08:47 NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440	08/23/2025 18:36	SS
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/23/2025 18:36	SS
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/23/2025 18:36	SS
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/23/2025 18:36	SS
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/23/2025 18:36	SS
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/23/2025 18:36	SS
105-60-2	Caprolactam	ND		mg/kg dry	0.0947	0.189	2	EPA 8270E Certifications:	08/19/2025 08:47 NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440	08/23/2025 18:36	SS
86-74-8	Carbazole	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/23/2025 18:36	SS
218-01-9	Chrysene	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/23/2025 18:36	SS
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/23/2025 18:36	SS
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/23/2025 18:36	SS
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/23/2025 18:36	SS
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/23/2025 18:36	SS
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/23/2025 18:36	SS
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/23/2025 18:36	SS
206-44-0	Fluoranthene	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270E Certifications:	08/19/2025 08:47 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/23/2025 18:36	SS



Sample Information

Client Sample ID: SB-13 2-5 20250812

York Sample ID: 25H0827-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25H0827

561295

Soil

August 12, 2025 10:50 am

08/13/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

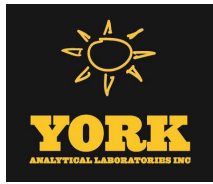
Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-73-7	Fluorene	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270E Certifications: NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440	08/19/2025 08:47	08/23/2025 18:36	SS
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/19/2025 08:47	08/23/2025 18:36	SS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/19/2025 08:47	08/23/2025 18:36	SS
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	mg/kg dry	0.0474	0.0947	2	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/19/2025 08:47	08/23/2025 18:36	SS
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/19/2025 08:47	08/23/2025 18:36	SS
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/19/2025 08:47	08/23/2025 18:36	SS
78-59-1	Isophorone	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/19/2025 08:47	08/23/2025 18:36	SS
91-20-3	Naphthalene	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/19/2025 08:47	08/23/2025 18:36	SS
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/19/2025 08:47	08/23/2025 18:36	SS
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/19/2025 08:47	08/23/2025 18:36	SS
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/19/2025 08:47	08/23/2025 18:36	SS
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/19/2025 08:47	08/23/2025 18:36	SS
87-86-5	Pentachlorophenol	ND	CAL-E, CCVE	mg/kg dry	0.0474	0.0947	2	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/19/2025 08:47	08/23/2025 18:36	SS
85-01-8	Phenanthrene	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/19/2025 08:47	08/23/2025 18:36	SS
108-95-2	Phenol	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/19/2025 08:47	08/23/2025 18:36	SS
129-00-0	Pyrene	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/19/2025 08:47	08/23/2025 18:36	SS
110-86-1	Pyridine	ND	CAL-E	mg/kg dry	0.190	0.379	2	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/19/2025 08:47	08/23/2025 18:36	SS
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	48.6 %	20-108								
13127-88-3	Surrogate: SURR: Phenol-d6	38.6 %	23-114								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	37.0 %	22-108								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	34.7 %	21-113								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	54.9 %	19-110								
1718-51-0	Surrogate: SURR: Terphenyl-d14	47.0 %	24-116								

Metals, RCRA

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: SB-13 2-5 20250812

York Sample ID: 25H0827-02

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
25H0827	561295	Soil	August 12, 2025 10:50 am	08/13/2025

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	5.32		mg/kg dry	1.42	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/17/2025 08:19	08/18/2025 12:44	JWT
7440-39-3	Barium	51.8		mg/kg dry	2.37	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/17/2025 08:19	08/18/2025 12:44	JWT
7440-43-9	Cadmium	ND		mg/kg dry	0.285	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/17/2025 08:19	08/18/2025 12:44	JWT
7440-47-3	Chromium	16.8		mg/kg dry	0.475	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/17/2025 08:19	08/18/2025 12:44	JWT
7439-92-1	Lead	15.3		mg/kg dry	0.475	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/17/2025 08:19	08/18/2025 12:44	JWT
7782-49-2	Selenium	ND		mg/kg dry	2.37	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/17/2025 08:19	08/18/2025 12:44	JWT
7440-22-4	Silver	ND	M-CCV 1	mg/kg dry	0.478	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/17/2025 08:19	08/18/2025 12:44	JWT

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0486		mg/kg dry	0.0342	1	EPA 7473 Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0	08/14/2025 11:51	08/14/2025 16:37	JWT

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	87.8		%	0.100	1	SM 2540G Certifications: CTDPH-PH-0840	08/18/2025 08:59	08/18/2025 12:08	BF

Sample Information

Client Sample ID: SB-14 2-6 20250812

York Sample ID: 25H0827-03

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
25H0827	561295	Soil	August 12, 2025 11:00 am	08/13/2025

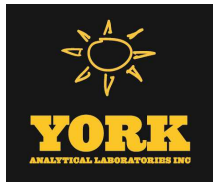
VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

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

Client Sample ID: SB-14 2-6 20250812			York Sample ID: 25H0827-03		
York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received	
25H0827	561295	Soil	August 12, 2025 11:00 am	08/13/2025	

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/14/2025 11:00	08/14/2025 21:13	AC
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/14/2025 11:00	08/14/2025 21:13	AC
71-43-2	Benzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/14/2025 11:00	08/14/2025 21:13	AC
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/14/2025 11:00	08/14/2025 21:13	AC
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/14/2025 11:00	08/14/2025 21:13	AC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/14/2025 11:00	08/14/2025 21:13	AC
91-20-3	Naphthalene	0.0072	J	mg/kg dry	0.0025	0.0099	1	EPA 8260D Certifications: NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-6	08/14/2025 11:00	08/14/2025 21:13	AC
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/14/2025 11:00	08/14/2025 21:13	AC
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/14/2025 11:00	08/14/2025 21:13	AC
95-47-6	o-Xylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,PADEP	08/14/2025 11:00	08/14/2025 21:13	AC
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,PADEP	08/14/2025 11:00	08/14/2025 21:13	AC
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/14/2025 11:00	08/14/2025 21:13	AC
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/14/2025 11:00	08/14/2025 21:13	AC
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/14/2025 11:00	08/14/2025 21:13	AC
108-88-3	Toluene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/14/2025 11:00	08/14/2025 21:13	AC
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0074	0.015	1	EPA 8260D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/14/2025 11:00	08/14/2025 21:13	AC
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	106 %	77-125								
2037-26-5	Surrogate: SURR: Toluene-d8	97.5 %	85-120								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	98.0 %	76-130								

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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

Client Sample ID: SB-14 2-6 20250812

York Sample ID: 25H0827-03

York Project (SDG) No.
25H0827

Client Project ID
561295

Matrix
Soil

Collection Date/Time
August 12, 2025 11:00 am

Date Received
08/13/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	0.0675	J	mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications: NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440	08/19/2025 11:13	08/23/2025 07:27	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0949	0.190	2	EPA 8270E Certifications: NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440	08/19/2025 11:13	08/23/2025 07:27	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/19/2025 11:13	08/23/2025 07:27	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications: NYSDOH-NY10854,PADEP-68-04440	08/19/2025 11:13	08/23/2025 07:27	SS
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications: NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440	08/19/2025 11:13	08/23/2025 07:27	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications: NYSDOH-NY10854,PADEP-68-04440	08/19/2025 11:13	08/23/2025 07:27	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications: NYSDOH-NY10854,PADEP-68-04440	08/19/2025 11:13	08/23/2025 07:27	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND	CCVE	mg/kg dry	0.0949	0.190	2	EPA 8270E Certifications: NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440	08/19/2025 11:13	08/23/2025 07:27	SS
95-95-4	2,4,5-Trichlorophenol	ND	CCVE	mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/19/2025 11:13	08/23/2025 07:27	SS
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/19/2025 11:13	08/23/2025 07:27	SS
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/19/2025 11:13	08/23/2025 07:27	SS
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/19/2025 11:13	08/23/2025 07:27	SS
51-28-5	2,4-Dinitrophenol	ND	CCVE	mg/kg dry	0.0949	0.190	2	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/19/2025 11:13	08/23/2025 07:27	SS
121-14-2	2,4-Dinitrotoluene	ND	CCVE	mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/19/2025 11:13	08/23/2025 07:27	SS
606-20-2	2,6-Dinitrotoluene	ND	CCVE	mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/19/2025 11:13	08/23/2025 07:27	SS
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/19/2025 11:13	08/23/2025 07:27	SS
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/19/2025 11:13	08/23/2025 07:27	SS
91-57-6	2-Methylnaphthalene	0.227		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/19/2025 11:13	08/23/2025 07:27	SS
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/19/2025 11:13	08/23/2025 07:27	SS
88-74-4	2-Nitroaniline	ND	CCVE	mg/kg dry	0.0949	0.190	2	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/19/2025 11:13	08/23/2025 07:27	SS
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/19/2025 11:13	08/23/2025 07:27	SS
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/19/2025 11:13	08/23/2025 07:27	SS
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications: NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440	08/19/2025 11:13	08/23/2025 07:27	SS



Sample Information

Client Sample ID: SB-14 2-6 20250812

York Sample ID: 25H0827-03

York Project (SDG) No.
25H0827

Client Project ID
561295

Matrix
Soil

Collection Date/Time
August 12, 2025 11:00 am

Date Received
08/13/2025

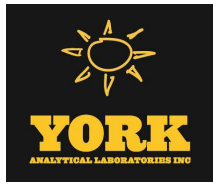
SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND	CCVE	mg/kg dry	0.0949	0.190	2	EPA 8270E Certifications:	08/19/2025 11:13 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/23/2025 07:27	SS
534-52-1	4,6-Dinitro-2-methylphenol	ND	CCVE	mg/kg dry	0.0949	0.190	2	EPA 8270E Certifications:	08/19/2025 11:13 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/23/2025 07:27	SS
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications:	08/19/2025 11:13 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/23/2025 07:27	SS
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications:	08/19/2025 11:13 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/23/2025 07:27	SS
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications:	08/19/2025 11:13 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/23/2025 07:27	SS
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications:	08/19/2025 11:13 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/23/2025 07:27	SS
100-01-6	4-Nitroaniline	ND	CCVE	mg/kg dry	0.0949	0.190	2	EPA 8270E Certifications:	08/19/2025 11:13 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/23/2025 07:27	SS
100-02-7	4-Nitrophenol	ND	CCVE	mg/kg dry	0.0949	0.190	2	EPA 8270E Certifications:	08/19/2025 11:13 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/23/2025 07:27	SS
83-32-9	Acenaphthene	0.484		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications:	08/19/2025 11:13 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/23/2025 07:27	SS
208-96-8	Acenaphthylene	0.505		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications:	08/19/2025 11:13 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/23/2025 07:27	SS
98-86-2	Acetophenone	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications:	08/19/2025 11:13 NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440	08/23/2025 07:27	SS
62-53-3	Aniline	ND		mg/kg dry	0.190	0.380	2	EPA 8270E Certifications:	08/19/2025 11:13 NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440	08/23/2025 07:27	SS
120-12-7	Anthracene	1.39		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications:	08/19/2025 11:13 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/23/2025 07:27	SS
1912-24-9	Atrazine	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications:	08/19/2025 11:13 NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440	08/23/2025 07:27	SS
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications:	08/19/2025 11:13 NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440	08/23/2025 07:27	SS
92-87-5	Benzidine	ND		mg/kg dry	0.190	0.380	2	EPA 8270E Certifications:	08/19/2025 11:13 CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440	08/23/2025 07:27	SS
56-55-3	Benzo(a)anthracene	2.67		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications:	08/19/2025 11:13 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/23/2025 07:27	SS
50-32-8	Benzo(a)pyrene	2.01		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications:	08/19/2025 11:13 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/23/2025 07:27	SS
205-99-2	Benzo(b)fluoranthene	2.17		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications:	08/19/2025 11:13 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/23/2025 07:27	SS
191-24-2	Benzo(g,h,i)perylene	0.933		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications:	08/19/2025 11:13 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/23/2025 07:27	SS
207-08-9	Benzo(k)fluoranthene	1.47		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications:	08/19/2025 11:13 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/23/2025 07:27	SS
65-85-0	Benzoic acid	ND	CCVE	mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications:	08/19/2025 11:13 NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440	08/23/2025 07:27	SS
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications:	08/19/2025 11:13 NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440	08/23/2025 07:27	SS



Sample Information

Client Sample ID: SB-14 2-6 20250812

York Sample ID: 25H0827-03

York Project (SDG) No.

25H0827

Client Project ID

561295

Matrix

Soil

Collection Date/Time

August 12, 2025 11:00 am

Date Received

08/13/2025

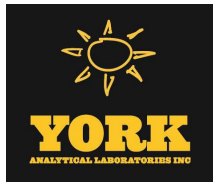
SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications:	08/19/2025 11:13 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/23/2025 07:27	SS
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications:	08/19/2025 11:13 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/23/2025 07:27	SS
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications:	08/19/2025 11:13 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/23/2025 07:27	SS
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications:	08/19/2025 11:13 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/23/2025 07:27	SS
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications:	08/19/2025 11:13 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/23/2025 07:27	SS
105-60-2	Caprolactam	ND		mg/kg dry	0.0949	0.190	2	EPA 8270E Certifications:	08/19/2025 11:13 NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440	08/23/2025 07:27	SS
86-74-8	Carbazole	0.612		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications:	08/19/2025 11:13 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/23/2025 07:27	SS
218-01-9	Chrysene	2.91		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications:	08/19/2025 11:13 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/23/2025 07:27	SS
53-70-3	Dibenzo(a,h)anthracene	0.0721	J	mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications:	08/19/2025 11:13 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/23/2025 07:27	SS
132-64-9	Dibenzofuran	0.440		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications:	08/19/2025 11:13 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/23/2025 07:27	SS
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications:	08/19/2025 11:13 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/23/2025 07:27	SS
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications:	08/19/2025 11:13 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/23/2025 07:27	SS
84-74-2	Di-n-butyl phthalate	ND	CCVE	mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications:	08/19/2025 11:13 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/23/2025 07:27	SS
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications:	08/19/2025 11:13 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/23/2025 07:27	SS
206-44-0	Fluoranthene	11.4		mg/kg dry	0.238	0.475	10	EPA 8270E Certifications:	08/19/2025 11:13 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/25/2025 14:06	AK
86-73-7	Fluorene	0.561		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications:	08/19/2025 11:13 NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440	08/23/2025 07:27	SS
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications:	08/19/2025 11:13 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/23/2025 07:27	SS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications:	08/19/2025 11:13 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/23/2025 07:27	SS
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications:	08/19/2025 11:13 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/23/2025 07:27	SS
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications:	08/19/2025 11:13 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/23/2025 07:27	SS
193-39-5	Indeno(1,2,3-cd)pyrene	0.823		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications:	08/19/2025 11:13 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/23/2025 07:27	SS
78-59-1	Isophorone	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications:	08/19/2025 11:13 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/23/2025 07:27	SS
91-20-3	Naphthalene	0.521		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications:	08/19/2025 11:13 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/23/2025 07:27	SS



Sample Information

Client Sample ID: SB-14 2-6 20250812

York Sample ID: 25H0827-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25H0827

561295

Soil

August 12, 2025 11:00 am

08/13/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/19/2025 11:13	08/23/2025 07:27	SS
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/19/2025 11:13	08/23/2025 07:27	SS
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/19/2025 11:13	08/23/2025 07:27	SS
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/19/2025 11:13	08/23/2025 07:27	SS
87-86-5	Pentachlorophenol	ND	CCVE	mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/19/2025 11:13	08/23/2025 07:27	SS
85-01-8	Phenanthrene	11.1		mg/kg dry	0.238	0.475	10	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/19/2025 11:13	08/25/2025 14:06	AK
108-95-2	Phenol	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/19/2025 11:13	08/23/2025 07:27	SS
129-00-0	Pyrene	10.6		mg/kg dry	0.238	0.475	10	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/19/2025 11:13	08/25/2025 14:06	AK
110-86-1	Pyridine	ND		mg/kg dry	0.190	0.380	2	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/19/2025 11:13	08/23/2025 07:27	SS
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	47.6 %	20-108								
13127-88-3	Surrogate: SURR: Phenol-d6	43.5 %	23-114								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	37.4 %	22-108								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	43.4 %	21-113								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	52.0 %	19-110								
1718-51-0	Surrogate: SURR: Terphenyl-d14	50.0 %	24-116								

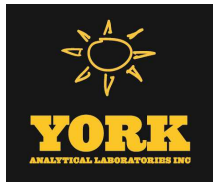
Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	8.73		mg/kg dry	1.45	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/18/2025 14:35	08/19/2025 12:48	AGNR
7440-39-3	Barium	56.6		mg/kg dry	2.41	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/18/2025 14:35	08/19/2025 12:48	AGNR
7440-43-9	Cadmium	1.09		mg/kg dry	0.289	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/18/2025 14:35	08/19/2025 12:48	AGNR
7440-47-3	Chromium	19.4		mg/kg dry	0.483	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/18/2025 14:35	08/19/2025 12:48	AGNR
7439-92-1	Lead	58.5		mg/kg dry	0.483	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/18/2025 14:35	08/19/2025 12:48	AGNR
7782-49-2	Selenium	ND		mg/kg dry	2.41	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/18/2025 14:35	08/19/2025 12:48	AGNR



Sample Information

Client Sample ID: SB-14 2-6 20250812

York Sample ID: 25H0827-03

York Project (SDG) No.

25H0827

Client Project ID

561295

Matrix

Soil

Collection Date/Time

August 12, 2025 11:00 am

Date Received

08/13/2025

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/kg dry	0.486	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	08/18/2025 14:35	08/19/2025 12:48	AGNR

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0792		mg/kg dry	0.0347	1	EPA 7473 Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0	08/14/2025 11:51	08/14/2025 16:37	JWT

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	86.4		%	0.100	1	SM 2540G Certifications: CTDPH-PH-0840	08/18/2025 08:59	08/18/2025 12:08	BF

Sample Information

Client Sample ID: PFAS FB 20250812

York Sample ID: 25H0827-04

York Project (SDG) No.

25H0827

Client Project ID

561295

Matrix

Water

Collection Date/Time

August 12, 2025 7:50 am

Date Received

08/13/2025

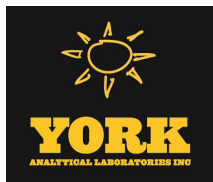
Q P PFAS, EPA 1633a Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	1.56	1.73	1	EPA 1633A Certifications: NYSDOH-NY12058	08/15/2025 09:19	08/28/2025 13:51	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.351	1.95	1	EPA 1633A Certifications: NYSDOH-NY12058	08/15/2025 09:19	08/28/2025 13:51	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.682	1.95	1	EPA 1633A Certifications: NYSDOH-NY12058	08/15/2025 09:19	08/28/2025 13:51	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.867	1.78	1	EPA 1633A Certifications: NYSDOH-NY12058	08/15/2025 09:19	08/28/2025 13:51	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ng/L	0.975	1.95	1	EPA 1633A Certifications: NYSDOH-NY12058	08/15/2025 09:19	08/28/2025 13:51	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.741	1.81	1	EPA 1633A Certifications: NYSDOH-NY12058	08/15/2025 09:19	08/28/2025 13:51	AM



Sample Information

Client Sample ID: PFAS FB 20250812

York Sample ID: 25H0827-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25H0827

561295

Water

August 12, 2025 7:50 am

08/13/2025

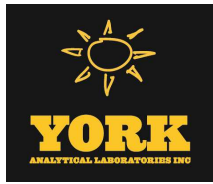
Q P PFAS, EPA 1633a Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.965	1.95	1	EPA 1633A Certifications: NYSDOH-NY12058	08/15/2025 09:19	08/28/2025 13:51	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.556	1.95	1	EPA 1633A Certifications: NYSDOH-NY12058	08/15/2025 09:19	08/28/2025 13:51	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	0.692	1.95	1	EPA 1633A Certifications: NYSDOH-NY12058	08/15/2025 09:19	08/28/2025 13:51	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.585	1.95	1	EPA 1633A Certifications: NYSDOH-NY12058	08/15/2025 09:19	08/28/2025 13:51	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	1.17	1.95	1	EPA 1633A Certifications: NYSDOH-NY12058	08/15/2025 09:19	08/28/2025 13:51	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ng/L	1.54	1.95	1	EPA 1633A Certifications: NYSDOH-NY12058	08/15/2025 09:19	08/28/2025 13:51	AM
2355-31-9	N-MeFOSAA	ND		ng/L	0.487	1.95	1	EPA 1633A Certifications: NYSDOH-NY12058	08/15/2025 09:19	08/28/2025 13:51	AM
2991-50-6	N-EtFOSAA	ND		ng/L	4.87	4.87	1	EPA 1633A Certifications: NYSDOH-NY12058	08/15/2025 09:19	08/28/2025 13:51	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.867	3.90	1	EPA 1633A Certifications: NYSDOH-NY12058	08/15/2025 09:19	08/28/2025 13:51	AM
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.380	1.95	1	EPA 1633A Certifications: NYSDOH-NY12058	08/15/2025 09:19	08/28/2025 13:51	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.302	1.86	1	EPA 1633A Certifications: NYSDOH-NY12058	08/15/2025 09:19	08/28/2025 13:51	AM
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	0.604	1.88	1	EPA 1633A Certifications: NYSDOH-NY12058	08/15/2025 09:19	08/28/2025 13:51	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	4.87	7.41	1	EPA 1633A Certifications: NYSDOH-NY12058	08/15/2025 09:19	08/28/2025 13:51	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.19	7.49	1	EPA 1633A Certifications: NYSDOH-NY12058	08/15/2025 09:19	08/28/2025 13:51	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	1.59	7.80	1	EPA 1633A Certifications: NYSDOH-NY12058	08/15/2025 09:19	08/28/2025 13:51	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEA)	ND		ng/L	0.487	3.47	1	EPA 1633A Certifications: NYSDOH-NY12058	08/15/2025 09:19	08/28/2025 13:51	AM
151772-58-6	Perfluoro-3,6-dioxahexanoic acid (NFDHA)	ND		ng/L	2.92	3.90	1	EPA 1633A Certifications: NYSDOH-NY12058	08/15/2025 09:19	08/28/2025 13:51	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.682	3.90	1	EPA 1633A Certifications: NYSDOH-NY12058	08/15/2025 09:19	08/28/2025 13:51	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	1.36	3.90	1	EPA 1633A Certifications: NYSDOH-NY12058	08/15/2025 09:19	08/28/2025 13:51	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.731	1.83	1	EPA 1633A Certifications: NYSDOH-NY12058	08/15/2025 09:19	08/28/2025 13:51	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	2.75	7.31	1	EPA 1633A Certifications: NYSDOH-NY12058	08/15/2025 09:19	08/28/2025 13:51	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	4.87	7.80	1	EPA 1633A Certifications: NYSDOH-NY12058	08/15/2025 09:19	08/28/2025 13:51	AM
763051-92-9	11CL-PF3OUdS	ND		ng/L	2.17	7.37	1	EPA 1633A Certifications: NYSDOH-NY12058	08/15/2025 09:19	08/28/2025 13:51	AM



Sample Information

Client Sample ID: PFAS FB 20250812

York Sample ID: 25H0827-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25H0827

561295

Water

August 12, 2025 7:50 am

08/13/2025

Q P PFAS, EPA 1633a Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
756426-58-1	9CL-PF3ONS	ND		ng/L	2.68	7.29	1	EPA 1633A Certifications: NYSDOH-NY12058	08/15/2025 09:19	08/28/2025 13:51	AM
919005-14-4	ADONA	ND		ng/L	2.89	7.37	1	EPA 1633A Certifications: NYSDOH-NY12058	08/15/2025 09:19	08/28/2025 13:51	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.867	1.89	1	EPA 1633A Certifications: NYSDOH-NY12058	08/15/2025 09:19	08/28/2025 13:51	AM
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.731	1.87	1	EPA 1633A Certifications: NYSDOH-NY12058	08/15/2025 09:19	08/28/2025 13:51	AM
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ng/L	2.30	9.75	1	EPA 1633A Certifications: NYSDOH-NY12058	08/15/2025 09:19	08/28/2025 13:51	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ng/L	24.4	48.7	1	EPA 1633A Certifications: NYSDOH-NY12058	08/15/2025 09:19	08/28/2025 13:51	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ng/L	22.5	48.7	1	EPA 1633A Certifications: NYSDOH-NY12058	08/15/2025 09:19	08/28/2025 13:51	AM
24448-09-7	N-MeFOSE	ND		ng/L	6.92	19.5	1	EPA 1633A Certifications: NYSDOH-NY12058	08/15/2025 09:19	08/28/2025 13:51	AM
31506-32-8	N-MeFOSA	ND		ng/L	1.95	1.95	1	EPA 1633A Certifications: NYSDOH-NY12058	08/15/2025 09:19	08/28/2025 13:51	AM
1691-99-2	N-EtFOSE	ND		ng/L	7.10	19.5	1	EPA 1633A Certifications: NYSDOH-NY12058	08/15/2025 09:19	08/28/2025 13:51	AM
4151-50-2	N-EtFOSA	ND		ng/L	1.02	1.95	1	EPA 1633A Certifications: NYSDOH-NY12058	08/15/2025 09:19	08/28/2025 13:51	AM

Surrogate Recoveries		Result	Acceptance Range	
M3PFBS	Surrogate: M3PFBS	153 %	PFSu-H	40-135
338-30-1	Surrogate: M5PFHxA	138 %	PFSu-H	40-130
13C4PFHPA	Surrogate: M4PFHpA	136 %	PFSu-H	40-130
13C3PFHXS	Surrogate: M3PFHxS	136 %	PFSu-H	40-130
13C8PFOA	Surrogate: Perfluoro-n- [13C8]octanoic acid (M8PFOA)	138 %	PFSu-H	40-130
13C6PFDA	Surrogate: M6PFDA	150 %	PFSu-H	40-130
13C7PFUNA	Surrogate: M7PFUdA	136 %	PFSu-H	30-130
960315-52-0	Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)	112 %		10-130
13C2PFTEDA	Surrogate: M2PFTeDA	77.0 %		10-130
13C4PFBA	Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	137 %	PFSu-H	5-130
13C8PFOS	Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	146 %	PFSu-H	40-130
13C5PFPEA	Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	140 %	PFSu-H	40-130
13C8FOSA	Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	134 %	PFSu-H	40-130
D3-NMEFOSAA	Surrogate: d3-N-MeFOSAA	130 %		40-170
D5-NETFOSAA	Surrogate: d5-N-EtFOSAA	121 %		25-135



Sample Information

Client Sample ID: PFAS FB 20250812

York Sample ID: 25H0827-04

York Project (SDG) No.
25H0827

Client Project ID
561295

Matrix
Water

Collection Date/Time
August 12, 2025 7:50 am

Date Received
08/13/2025

Q P PFAS, EPA 1633a Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
M2-6:2FTS	Surrogate: M2-6:2 FTS	149 %			40-200						
M2-8:2FTS	Surrogate: M2-8:2 FTS	147 %			40-300						
13C9PFNA	Surrogate: M9PFNA	135 %	PFSu-H		40-130						
M2-4:2FTS	Surrogate: M2-4:2 FTS	160 %			40-200						
936109-37-4	Surrogate: d-N-MeFOSA	114 %			10-130						
936109-40-9	Surrogate: d-N-EtFOSA	93.3 %			10-130						
M3HFPO-DA	Surrogate: M3HFPO-DA	151 %	PFSu-H		40-130						
D9-NETPFOSA	Surrogate: d9-N-EtFOSE	103 %			10-130						
D7-NMEPFOSA	Surrogate: d7-N-MeFOSE	102 %			10-130						



Analytical Batch Summary

Batch ID: BH51122 **Preparation Method:** EPA 7473 soil **Prepared By:** JWT

YORK Sample ID	Client Sample ID	Preparation Date
25H0827-01	SB-12 4-8 20250812	08/14/25
25H0827-02	SB-13 2-5 20250812	08/14/25
25H0827-03	SB-14 2-6 20250812	08/14/25
BH51122-BLK1	Blank	08/14/25
BH51122-SRM1	Reference	08/14/25

Batch ID: BH51134 **Preparation Method:** EPA 5035A **Prepared By:** AC

YORK Sample ID	Client Sample ID	Preparation Date
25H0827-01	SB-12 4-8 20250812	08/14/25
25H0827-02	SB-13 2-5 20250812	08/14/25
25H0827-03	SB-14 2-6 20250812	08/14/25
BH51134-BLK1	Blank	08/14/25
BH51134-BS1	LCS	08/14/25
BH51134-BSD1	LCS Dup	08/14/25

Batch ID: BH51210 **Preparation Method:** EPA 1633 Prep **Prepared By:** MG

YORK Sample ID	Client Sample ID	Preparation Date
25H0827-04	PFAS FB 20250812	08/15/25
BH51210-BLK1	Blank	08/15/25
BH51210-BS1	LCS	08/15/25
BH51210-BS2	LCS	08/15/25
BH51210-DUP1	Duplicate	08/15/25

Batch ID: BH51299 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
25H0827-01	SB-12 4-8 20250812	08/17/25
25H0827-02	SB-13 2-5 20250812	08/17/25
BH51299-BLK1	Blank	08/17/25
BH51299-SRM1	Reference	08/17/25

Batch ID: BH51303 **Preparation Method:** EPA 1633 Prep **Prepared By:** RC

YORK Sample ID	Client Sample ID	Preparation Date
25H0827-01	SB-12 4-8 20250812	08/17/25

Batch ID: BH51345 **Preparation Method:** % Solids Prep **Prepared By:** BNF

YORK Sample ID	Client Sample ID	Preparation Date
25H0827-01	SB-12 4-8 20250812	08/18/25



25H0827-02	SB-13 2-5 20250812	08/18/25
25H0827-03	SB-14 2-6 20250812	08/18/25

Batch ID: BH51396 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
25H0827-03	SB-14 2-6 20250812	08/18/25
BH51396-BLK1	Blank	08/18/25
BH51396-SRM1	Reference	08/18/25

Batch ID: BH51460 **Preparation Method:** EPA 3546 SVOA **Prepared By:** FA

YORK Sample ID	Client Sample ID	Preparation Date
25H0827-01	SB-12 4-8 20250812	08/19/25
25H0827-02	SB-13 2-5 20250812	08/19/25
BH51460-BLK1	Blank	08/19/25
BH51460-BS1	LCS	08/19/25

Batch ID: BH51487 **Preparation Method:** EPA 3550C **Prepared By:** JAA

YORK Sample ID	Client Sample ID	Preparation Date
25H0827-03	SB-14 2-6 20250812	08/19/25
25H0827-03RE1	SB-14 2-6 20250812	08/19/25
BH51487-BLK1	Blank	08/19/25
BH51487-BS1	LCS	08/19/25

Batch ID: BH51824 **Preparation Method:** EPA 1633 Prep **Prepared By:** RC

YORK Sample ID	Client Sample ID	Preparation Date
25H0827-01RE1	SB-12 4-8 20250812	09/02/25

Batch ID: BI50113 **Preparation Method:** EPA 1633 Prep **Prepared By:** RC

YORK Sample ID	Client Sample ID	Preparation Date
25H0827-01RE2	SB-12 4-8 20250812	09/03/25
BI50113-BLK1	Blank	09/03/25
BI50113-BS1	LCS	09/03/25
BI50113-BS2	LCS	09/03/25



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH51134 - EPA 5035A

Blank (BH51134-BLK1)

Prepared & Analyzed: 08/14/2025

1,2,4-Trimethylbenzene	ND	0.0050	mg/kg wet
1,3,5-Trimethylbenzene	ND	0.0050	"
Benzene	ND	0.0050	"
Ethanol	ND	0.080	"
Ethyl Benzene	ND	0.0050	"
Isopropylbenzene	ND	0.0050	"
Methyl tert-butyl ether (MTBE)	ND	0.0050	"
Naphthalene	ND	0.010	"
n-Butylbenzene	ND	0.0050	"
n-Propylbenzene	ND	0.0050	"
o-Xylene	ND	0.0050	"
p- & m- Xylenes	ND	0.010	"
p-Isopropyltoluene	ND	0.0050	"
sec-Butylbenzene	ND	0.0050	"
tert-Butylbenzene	ND	0.0050	"
Toluene	ND	0.0050	"
Xylenes, Total	ND	0.015	"

Surrogate: SURR: 1,2-Dichloroethane-d4	49.4	ug/L	50.0	98.8	77-125
Surrogate: SURR: Toluene-d8	48.5	"	50.0	97.0	85-120
Surrogate: SURR: p-Bromofluorobenzene	48.9	"	50.0	97.8	76-130

LCS (BH51134-BS1)

Prepared & Analyzed: 08/14/2025

1,2,4-Trimethylbenzene	50.3	ug/L	50.0	101	84-125
1,3,5-Trimethylbenzene	50.3	"	50.0	101	82-126
Benzene	49.8	"	50.0	99.6	77-127
Ethanol	2.27	0.080 mg/kg wet			70-130
Ethyl Benzene	49.2	ug/L	50.0	98.5	84-125
Isopropylbenzene	49.5	"	50.0	98.9	81-127
Methyl tert-butyl ether (MTBE)	53.3	"	50.0	107	74-131
Naphthalene	49.7	"	50.0	99.3	86-141
n-Butylbenzene	47.8	"	50.0	95.7	80-130
n-Propylbenzene	48.8	"	50.0	97.6	74-136
o-Xylene	49.8	"	50.0	99.7	83-123
p- & m- Xylenes	95.9	"	100	95.9	82-128
p-Isopropyltoluene	50.2	"	50.0	100	85-125
sec-Butylbenzene	50.8	"	50.0	102	83-125
tert-Butylbenzene	43.1	"	50.0	86.2	80-127
Toluene	46.9	"	50.0	93.8	85-121

Surrogate: SURR: 1,2-Dichloroethane-d4	48.7	"	50.0	97.5	77-125
Surrogate: SURR: Toluene-d8	48.2	"	50.0	96.5	85-120
Surrogate: SURR: p-Bromofluorobenzene	48.7	"	50.0	97.4	76-130



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH51134 - EPA 5035A

LCS Dup (BH51134-BSD1)

Prepared & Analyzed: 08/14/2025

1,2,4-Trimethylbenzene	52.8		ug/L	50.0		106	84-125		4.91	30	
1,3,5-Trimethylbenzene	52.8		"	50.0		106	82-126		4.91	30	
Benzene	52.2		"	50.0		104	77-127		4.67	30	
Ethanol	2.36	0.080	mg/kg wet				70-130		3.85	30	
Ethyl Benzene	51.2		ug/L	50.0		102	84-125		3.90	30	
Isopropylbenzene	51.8		"	50.0		104	81-127		4.62	30	
Methyl tert-butyl ether (MTBE)	55.9		"	50.0		112	74-131		4.84	30	
Naphthalene	53.1		"	50.0		106	86-141		6.75	30	
n-Butylbenzene	50.1		"	50.0		100	80-130		4.62	30	
n-Propylbenzene	50.9		"	50.0		102	74-136		4.21	30	
o-Xylene	51.8		"	50.0		104	83-123		3.91	30	
p- & m- Xylenes	99.5		"	100		99.5	82-128		3.72	30	
p-Isopropyltoluene	52.6		"	50.0		105	85-125		4.69	30	
sec-Butylbenzene	53.1		"	50.0		106	83-125		4.41	30	
tert-Butylbenzene	45.1		"	50.0		90.2	80-127		4.53	30	
Toluene	48.9		"	50.0		97.8	85-121		4.11	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	48.7		"	50.0		97.4	77-125				
Surrogate: SURR: Toluene-d8	48.3		"	50.0		96.6	85-120				
Surrogate: SURR: p-Bromofluorobenzene	48.9		"	50.0		97.7	76-130				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH51460 - EPA 3546 SVOA

Blank (BH51460-BLK1)

Prepared & Analyzed: 08/19/2025

1,1-Biphenyl	ND	0.0417	mg/kg wet
1,2,4,5-Tetrachlorobenzene	ND	0.0833	"
1,2,4-Trichlorobenzene	ND	0.0417	"
1,2-Dichlorobenzene	ND	0.0417	"
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0417	"
1,3-Dichlorobenzene	ND	0.0417	"
1,4-Dichlorobenzene	ND	0.0417	"
2,3,4,6-Tetrachlorophenol	ND	0.0833	"
2,4,5-Trichlorophenol	ND	0.0417	"
2,4,6-Trichlorophenol	ND	0.0417	"
2,4-Dichlorophenol	ND	0.0417	"
2,4-Dimethylphenol	ND	0.0417	"
2,4-Dinitrophenol	ND	0.0833	"
2,4-Dinitrotoluene	ND	0.0417	"
2,6-Dinitrotoluene	ND	0.0417	"
2-Chloronaphthalene	ND	0.0417	"
2-Chlorophenol	ND	0.0417	"
2-Methylnaphthalene	ND	0.0417	"
2-Methylphenol	ND	0.0417	"
2-Nitroaniline	ND	0.0833	"
2-Nitrophenol	ND	0.0417	"
3- & 4-Methylphenols	ND	0.0417	"
3,3-Dichlorobenzidine	ND	0.0417	"
3-Nitroaniline	ND	0.0833	"
4,6-Dinitro-2-methylphenol	ND	0.0833	"
4-Bromophenyl phenyl ether	ND	0.0417	"
4-Chloro-3-methylphenol	ND	0.0417	"
4-Chloroaniline	ND	0.0417	"
4-Chlorophenyl phenyl ether	ND	0.0417	"
4-Nitroaniline	ND	0.0833	"
4-Nitrophenol	ND	0.0833	"
Acenaphthene	ND	0.0417	"
Acenaphthylene	ND	0.0417	"
Acetophenone	ND	0.0417	"
Aniline	ND	0.167	"
Anthracene	ND	0.0417	"
Atrazine	ND	0.0417	"
Benzaldehyde	ND	0.0417	"
Benzidine	ND	0.167	"
Benzo(a)anthracene	ND	0.0417	"
Benzo(a)pyrene	ND	0.0417	"
Benzo(b)fluoranthene	ND	0.0417	"
Benzo(g,h,i)perylene	ND	0.0417	"
Benzo(k)fluoranthene	ND	0.0417	"
Benzoic acid	ND	0.0417	"
Benzyl alcohol	ND	0.0417	"
Benzyl butyl phthalate	ND	0.0417	"
Bis(2-chloroethoxy)methane	ND	0.0417	"
Bis(2-chloroethyl)ether	ND	0.0417	"
Bis(2-chloroisopropyl)ether	ND	0.0417	"
Bis(2-ethylhexyl)phthalate	ND	0.0417	"



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH51460 - EPA 3546 SVOA

Blank (BH51460-BLK1)

Prepared & Analyzed: 08/19/2025

Caprolactam	ND	0.0833	mg/kg wet								
Carbazole	ND	0.0417	"								
Chrysene	ND	0.0417	"								
Dibenzo(a,h)anthracene	ND	0.0417	"								
Dibenzofuran	ND	0.0417	"								
Diethyl phthalate	ND	0.0417	"								
Dimethyl phthalate	ND	0.0417	"								
Di-n-butyl phthalate	ND	0.0417	"								
Di-n-octyl phthalate	ND	0.0417	"								
Fluoranthene	ND	0.0417	"								
Fluorene	ND	0.0417	"								
Hexachlorobenzene	ND	0.0417	"								
Hexachlorobutadiene	ND	0.0417	"								
Hexachlorocyclopentadiene	ND	0.0417	"								
Hexachloroethane	ND	0.0417	"								
Indeno(1,2,3-cd)pyrene	ND	0.0417	"								
Isophorone	ND	0.0417	"								
Naphthalene	ND	0.0417	"								
Nitrobenzene	ND	0.0417	"								
N-Nitrosodimethylamine	ND	0.0417	"								
N-nitroso-di-n-propylamine	ND	0.0417	"								
N-Nitrosodiphenylamine	ND	0.0417	"								
Pentachlorophenol	ND	0.0417	"								
Phenanthrene	0.0220	0.0417	"								
Phenol	ND	0.0417	"								
Pyrene	ND	0.0417	"								
Pyridine	ND	0.167	"								
Surrogate: SURR: 2-Fluorophenol	1.60		"	1.67		96.2	20-108				
Surrogate: SURR: Phenol-d6	1.53		"	1.67		91.9	23-114				
Surrogate: SURR: Nitrobenzene-d5	0.590		"	0.833		70.8	22-108				
Surrogate: SURR: 2-Fluorobiphenyl	0.595		"	0.833		71.4	21-113				
Surrogate: SURR: 2,4,6-Tribromophenol	1.66		"	1.67		99.4	19-110				
Surrogate: SURR: Terphenyl-d14	0.697		"	0.833		83.6	24-116				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH51460 - EPA 3546 SVOA											
LCS (BH51460-BS1)						Prepared & Analyzed: 08/19/2025					
1,1-Biphenyl	0.936	0.0417	mg/kg wet	0.833		112	70-111	High Bias			
1,2,4,5-Tetrachlorobenzene	0.884	0.0833	"	0.833		106	70-130				
1,2,4-Trichlorobenzene	0.836	0.0417	"	0.833		100	10-140				
1,2-Dichlorobenzene	0.853	0.0417	"	0.833		102	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.948	0.0417	"	0.833		114	17-137				
1,3-Dichlorobenzene	0.854	0.0417	"	0.833		103	33-110				
1,4-Dichlorobenzene	0.854	0.0417	"	0.833		103	32-104				
2,3,4,6-Tetrachlorophenol	0.850	0.0833	"	0.833		102	70-130				
2,4,5-Trichlorophenol	0.873	0.0417	"	0.833		105	70-118				
2,4,6-Trichlorophenol	0.875	0.0417	"	0.833		105	70-120				
2,4-Dichlorophenol	0.923	0.0417	"	0.833		111	70-127				
2,4-Dimethylphenol	0.972	0.0417	"	0.833		117	70-130				
2,4-Dinitrophenol	0.0610	0.0833	"	0.833		7.32	20-160	Low Bias			
2,4-Dinitrotoluene	0.795	0.0417	"	0.833		95.4	70-130				
2,6-Dinitrotoluene	0.824	0.0417	"	0.833		98.8	70-128				
2-Chloronaphthalene	0.849	0.0417	"	0.833		102	70-117				
2-Chlorophenol	0.943	0.0417	"	0.833		113	70-113				
2-Methylnaphthalene	0.833	0.0417	"	0.833		100	70-130				
2-Methylphenol	0.975	0.0417	"	0.833		117	70-130				
2-Nitroaniline	0.902	0.0833	"	0.833		108	70-130				
2-Nitrophenol	0.802	0.0417	"	0.833		96.2	70-129				
3- & 4-Methylphenols	0.878	0.0417	"	0.833		105	29-103	High Bias			
3,3-Dichlorobenzidine	0.843	0.0417	"	0.833		101	70-130				
3-Nitroaniline	0.846	0.0833	"	0.833		102	70-130				
4,6-Dinitro-2-methylphenol	0.119	0.0833	"	0.833		14.3	70-130	Low Bias			
4-Bromophenyl phenyl ether	0.834	0.0417	"	0.833		100	70-120				
4-Chloro-3-methylphenol	1.01	0.0417	"	0.833		122	70-129				
4-Chloroaniline	0.749	0.0417	"	0.833		89.9	70-130				
4-Chlorophenyl phenyl ether	0.784	0.0417	"	0.833		94.1	70-124				
4-Nitroaniline	0.823	0.0833	"	0.833		98.7	70-128				
4-Nitrophenol	0.839	0.0833	"	0.833		101	20-141				
Acenaphthene	0.819	0.0417	"	0.833		98.3	70-121				
Acenaphthylene	0.910	0.0417	"	0.833		109	70-115				
Acetophenone	0.924	0.0417	"	0.833		111	70-112				
Aniline	0.835	0.167	"	0.833		100	10-119				
Anthracene	0.928	0.0417	"	0.833		111	70-118				
Atrazine	0.923	0.0417	"	0.833		111	70-112				
Benzaldehyde	0.898	0.0417	"	0.833		108	21-100	High Bias			
Benzo(a)anthracene	0.955	0.0417	"	0.833		115	70-122				
Benzo(a)pyrene	0.890	0.0417	"	0.833		107	70-130				
Benzo(b)fluoranthene	0.929	0.0417	"	0.833		112	70-130				
Benzo(g,h,i)perylene	0.752	0.0417	"	0.833		90.2	70-130				
Benzo(k)fluoranthene	0.921	0.0417	"	0.833		111	70-128				
Benzoic acid	0.381	0.0417	"	0.833		45.7	10-140				
Benzyl alcohol	0.921	0.0417	"	0.833		110	30-115				
Benzyl butyl phthalate	0.952	0.0417	"	0.833		114	70-126				
Bis(2-chloroethoxy)methane	0.907	0.0417	"	0.833		109	70-130				
Bis(2-chloroethyl)ether	0.905	0.0417	"	0.833		109	70-125				
Bis(2-chloroisopropyl)ether	1.00	0.0417	"	0.833		121	70-130				
Bis(2-ethylhexyl)phthalate	1.08	0.0417	"	0.833		130	70-130				
Caprolactam	1.04	0.0833	"	0.833		125	20-127				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH51460 - EPA 3546 SVOA

LCS (BH51460-BS1)

Prepared & Analyzed: 08/19/2025

Carbazole	0.902	0.0417	mg/kg wet	0.833		108	70-123				
Chrysene	0.958	0.0417	"	0.833		115	70-123				
Dibenzo(a,h)anthracene	0.799	0.0417	"	0.833		95.9	70-130				
Dibenzofuran	0.840	0.0417	"	0.833		101	70-121				
Diethyl phthalate	0.835	0.0417	"	0.833		100	70-116				
Dimethyl phthalate	0.886	0.0417	"	0.833		106	70-124				
Di-n-butyl phthalate	0.892	0.0417	"	0.833		107	70-116				
Di-n-octyl phthalate	1.06	0.0417	"	0.833		127	70-130				
Fluoranthene	0.771	0.0417	"	0.833		92.5	70-122				
Fluorene	0.837	0.0417	"	0.833		100	70-123				
Hexachlorobenzene	0.799	0.0417	"	0.833		95.9	70-124				
Hexachlorobutadiene	0.764	0.0417	"	0.833		91.7	70-130				
Hexachlorocyclopentadiene	0.0557	0.0417	"	0.833		6.68	20-129	Low Bias			
Hexachloroethane	0.714	0.0417	"	0.833		85.7	28-108				
Indeno(1,2,3-cd)pyrene	0.910	0.0417	"	0.833		109	70-130				
Isophorone	0.953	0.0417	"	0.833		114	70-130				
Naphthalene	0.925	0.0417	"	0.833		111	70-124				
Nitrobenzene	0.885	0.0417	"	0.833		106	70-130				
N-Nitrosodimethylamine	0.867	0.0417	"	0.833		104	11-129				
N-nitroso-di-n-propylamine	0.858	0.0417	"	0.833		103	70-119				
N-Nitrosodiphenylamine	1.00	0.0417	"	0.833		121	70-130				
Pentachlorophenol	0.593	0.0417	"	0.833		71.1	20-139				
Phenanthrene	0.901	0.0417	"	0.833		108	70-123				
Phenol	1.09	0.0417	"	0.833		130	23-115	High Bias			
Pyrene	0.913	0.0417	"	0.833		110	70-130				
Pyridine	0.740	0.167	"	0.833		88.8	10-91				
Surrogate: SURR: 2-Fluorophenol	1.65		"	1.67		98.8	30-108				
Surrogate: SURR: Phenol-d6	1.68		"	1.67		101	30-114				
Surrogate: SURR: Nitrobenzene-d5	0.732		"	0.833		87.9	30-108				
Surrogate: SURR: 2-Fluorobiphenyl	0.716		"	0.833		85.9	30-113				
Surrogate: SURR: 2,4,6-Tribromophenol	1.91		"	1.67		115	30-110				
Surrogate: SURR: Terphenyl-d14	0.719		"	0.833		86.3	30-116				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BH51487 - EPA 3550C

Blank (BH51487-BLK1)

Prepared: 08/19/2025 Analyzed: 08/20/2025

1,1-Biphenyl	ND	0.0416	mg/kg wet
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"
1,2,4-Trichlorobenzene	ND	0.0416	"
1,2-Dichlorobenzene	ND	0.0416	"
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0416	"
1,3-Dichlorobenzene	ND	0.0416	"
1,4-Dichlorobenzene	ND	0.0416	"
2,3,4,6-Tetrachlorophenol	ND	0.0830	"
2,4,5-Trichlorophenol	ND	0.0416	"
2,4,6-Trichlorophenol	ND	0.0416	"
2,4-Dichlorophenol	ND	0.0416	"
2,4-Dimethylphenol	ND	0.0416	"
2,4-Dinitrophenol	ND	0.0830	"
2,4-Dinitrotoluene	ND	0.0416	"
2,6-Dinitrotoluene	ND	0.0416	"
2-Chloronaphthalene	ND	0.0416	"
2-Chlorophenol	ND	0.0416	"
2-Methylnaphthalene	ND	0.0416	"
2-Methylphenol	ND	0.0416	"
2-Nitroaniline	ND	0.0830	"
2-Nitrophenol	ND	0.0416	"
3- & 4-Methylphenols	ND	0.0416	"
3,3-Dichlorobenzidine	ND	0.0416	"
3-Nitroaniline	ND	0.0830	"
4,6-Dinitro-2-methylphenol	ND	0.0830	"
4-Bromophenyl phenyl ether	ND	0.0416	"
4-Chloro-3-methylphenol	ND	0.0416	"
4-Chloroaniline	ND	0.0416	"
4-Chlorophenyl phenyl ether	ND	0.0416	"
4-Nitroaniline	ND	0.0830	"
4-Nitrophenol	ND	0.0830	"
Acenaphthene	ND	0.0416	"
Acenaphthylene	ND	0.0416	"
Acetophenone	ND	0.0416	"
Aniline	ND	0.166	"
Anthracene	ND	0.0416	"
Atrazine	ND	0.0416	"
Benzaldehyde	ND	0.0416	"
Benzidine	ND	0.166	"
Benzo(a)anthracene	ND	0.0416	"
Benzo(a)pyrene	0.0233	0.0416	"
Benzo(b)fluoranthene	0.0246	0.0416	"
Benzo(g,h,i)perylene	ND	0.0416	"
Benzo(k)fluoranthene	0.0246	0.0416	"
Benzoic acid	ND	0.0416	"
Benzyl alcohol	ND	0.0416	"
Benzyl butyl phthalate	ND	0.0416	"
Bis(2-chloroethoxy)methane	ND	0.0416	"
Bis(2-chloroethyl)ether	ND	0.0416	"
Bis(2-chloroisopropyl)ether	ND	0.0416	"
Bis(2-ethylhexyl)phthalate	0.0216	0.0416	"



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH51487 - EPA 3550C

Blank (BH51487-BLK1)

Prepared: 08/19/2025 Analyzed: 08/20/2025

Caprolactam	ND	0.0830	mg/kg wet								
Carbazole	ND	0.0416	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								
Dibenzofuran	ND	0.0416	"								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Hexachlorobutadiene	ND	0.0416	"								
Hexachlorocyclopentadiene	ND	0.0416	"								
Hexachloroethane	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Isophorone	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Nitrobenzene	ND	0.0416	"								
N-Nitrosodimethylamine	ND	0.0416	"								
N-nitroso-di-n-propylamine	ND	0.0416	"								
N-Nitrosodiphenylamine	ND	0.0416	"								
Pentachlorophenol	ND	0.0416	"								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Pyridine	ND	0.166	"								
Surrogate: SURR: 2-Fluorophenol	1.88		"	1.66		113	20-108				
Surrogate: SURR: Phenol-d6	1.84		"	1.66		111	23-114				
Surrogate: SURR: Nitrobenzene-d5	0.742		"	0.831		89.3	22-108				
Surrogate: SURR: 2-Fluorobiphenyl	0.719		"	0.831		86.6	21-113				
Surrogate: SURR: 2,4,6-Tribromophenol	2.10		"	1.66		126	19-110				
Surrogate: SURR: Terphenyl-d14	0.934		"	0.831		112	24-116				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH51487 - EPA 3550C											
LCS (BH51487-BS1)						Prepared: 08/19/2025 Analyzed: 08/20/2025					
1,1-Biphenyl	0.780	0.0416	mg/kg wet	0.831		93.9	70-111				
1,2,4,5-Tetrachlorobenzene	0.672	0.0830	"	0.831		80.9	70-130				
1,2,4-Trichlorobenzene	0.679	0.0416	"	0.831		81.8	10-140				
1,2-Dichlorobenzene	0.693	0.0416	"	0.831		83.5	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.831	0.0416	"	0.831		100	17-137				
1,3-Dichlorobenzene	0.700	0.0416	"	0.831		84.3	33-110				
1,4-Dichlorobenzene	0.682	0.0416	"	0.831		82.1	32-104				
2,3,4,6-Tetrachlorophenol	0.760	0.0830	"	0.831		91.6	70-130				
2,4,5-Trichlorophenol	0.763	0.0416	"	0.831		91.9	70-118				
2,4,6-Trichlorophenol	0.728	0.0416	"	0.831		87.7	70-120				
2,4-Dichlorophenol	0.799	0.0416	"	0.831		96.2	70-127				
2,4-Dimethylphenol	0.766	0.0416	"	0.831		92.2	70-130				
2,4-Dinitrophenol	0.690	0.0830	"	0.831		83.1	20-160				
2,4-Dinitrotoluene	0.762	0.0416	"	0.831		91.8	70-130				
2,6-Dinitrotoluene	0.761	0.0416	"	0.831		91.7	70-128				
2-Chloronaphthalene	0.726	0.0416	"	0.831		87.4	70-117				
2-Chlorophenol	0.779	0.0416	"	0.831		93.8	70-113				
2-Methylnaphthalene	0.710	0.0416	"	0.831		85.4	70-130				
2-Methylphenol	0.843	0.0416	"	0.831		102	70-130				
2-Nitroaniline	0.760	0.0830	"	0.831		91.6	70-130				
2-Nitrophenol	0.746	0.0416	"	0.831		89.8	70-129				
3- & 4-Methylphenols	0.736	0.0416	"	0.831		88.6	29-103				
3,3-Dichlorobenzidine	0.575	0.0416	"	0.831		69.2	70-130	Low Bias			
3-Nitroaniline	0.626	0.0830	"	0.831		75.3	70-130				
4,6-Dinitro-2-methylphenol	0.759	0.0830	"	0.831		91.4	70-130				
4-Bromophenyl phenyl ether	0.736	0.0416	"	0.831		88.6	70-120				
4-Chloro-3-methylphenol	0.893	0.0416	"	0.831		108	70-129				
4-Chloroaniline	0.557	0.0416	"	0.831		67.1	70-130	Low Bias			
4-Chlorophenyl phenyl ether	0.706	0.0416	"	0.831		85.0	70-124				
4-Nitroaniline	0.616	0.0830	"	0.831		74.2	70-128				
4-Nitrophenol	0.676	0.0830	"	0.831		81.4	20-141				
Acenaphthene	0.704	0.0416	"	0.831		84.8	70-121				
Acenaphthylene	0.764	0.0416	"	0.831		92.0	70-115				
Acetophenone	0.768	0.0416	"	0.831		92.4	70-112				
Aniline	0.567	0.166	"	0.831		68.3	10-119				
Anthracene	0.720	0.0416	"	0.831		86.7	70-118				
Atrazine	0.805	0.0416	"	0.831		97.0	70-112				
Benzaldehyde	0.643	0.0416	"	0.831		77.4	21-100				
Benzo(a)anthracene	0.794	0.0416	"	0.831		95.6	70-122				
Benzo(a)pyrene	0.588	0.0416	"	0.831		70.8	70-130				
Benzo(b)fluoranthene	0.639	0.0416	"	0.831		77.0	70-130				
Benzo(g,h,i)perylene	0.583	0.0416	"	0.831		70.2	70-130				
Benzo(k)fluoranthene	0.683	0.0416	"	0.831		82.3	70-128				
Benzoic acid	0.546	0.0416	"	0.831		65.7	10-140				
Benzyl alcohol	0.798	0.0416	"	0.831		96.1	30-115				
Benzyl butyl phthalate	1.11	0.0416	"	0.831		134	70-126	High Bias			
Bis(2-chloroethoxy)methane	0.787	0.0416	"	0.831		94.8	70-130				
Bis(2-chloroethyl)ether	0.799	0.0416	"	0.831		96.2	70-125				
Bis(2-chloroisopropyl)ether	0.860	0.0416	"	0.831		104	70-130				
Bis(2-ethylhexyl)phthalate	1.05	0.0416	"	0.831		127	70-130				
Caprolactam	0.934	0.0830	"	0.831		112	20-127				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH51487 - EPA 3550C

LCS (BH51487-BS1)

Prepared: 08/19/2025 Analyzed: 08/20/2025

Carbazole	0.741	0.0416	mg/kg wet	0.831		89.2	70-123				
Chrysene	0.741	0.0416	"	0.831		89.2	70-123				
Dibenzo(a,h)anthracene	0.538	0.0416	"	0.831		64.8	70-130	Low Bias			
Dibenzofuran	0.729	0.0416	"	0.831		87.7	70-121				
Diethyl phthalate	0.754	0.0416	"	0.831		90.8	70-116				
Dimethyl phthalate	0.777	0.0416	"	0.831		93.6	70-124				
Di-n-butyl phthalate	0.782	0.0416	"	0.831		94.2	70-116				
Di-n-octyl phthalate	0.985	0.0416	"	0.831		119	70-130				
Fluoranthene	0.644	0.0416	"	0.831		77.5	70-122				
Fluorene	0.746	0.0416	"	0.831		89.8	70-123				
Hexachlorobenzene	0.684	0.0416	"	0.831		82.4	70-124				
Hexachlorobutadiene	0.648	0.0416	"	0.831		78.0	70-130				
Hexachlorocyclopentadiene	0.142	0.0416	"	0.831		17.0	20-129	Low Bias			
Hexachloroethane	0.629	0.0416	"	0.831		75.8	28-108				
Indeno(1,2,3-cd)pyrene	0.614	0.0416	"	0.831		73.9	70-130				
Isophorone	0.819	0.0416	"	0.831		98.6	70-130				
Naphthalene	0.767	0.0416	"	0.831		92.4	70-124				
Nitrobenzene	0.761	0.0416	"	0.831		91.6	70-130				
N-Nitrosodimethylamine	0.761	0.0416	"	0.831		91.6	11-129				
N-nitroso-di-n-propylamine	0.738	0.0416	"	0.831		88.8	70-119				
N-Nitrosodiphenylamine	0.881	0.0416	"	0.831		106	70-130				
Pentachlorophenol	0.510	0.0416	"	0.831		61.4	20-139				
Phenanthrene	0.775	0.0416	"	0.831		93.4	70-123				
Phenol	0.939	0.0416	"	0.831		113	23-115				
Pyrene	0.994	0.0416	"	0.831		120	70-130				
Pyridine	0.655	0.166	"	0.831		78.8	10-91				
Surrogate: SURR: 2-Fluorophenol	1.70		"	1.66		102	30-108				
Surrogate: SURR: Phenol-d6	1.80		"	1.66		108	30-114				
Surrogate: SURR: Nitrobenzene-d5	0.731		"	0.831		88.0	30-108				
Surrogate: SURR: 2-Fluorobiphenyl	0.755		"	0.831		90.9	30-113				
Surrogate: SURR: 2,4,6-Tribromophenol	2.04		"	1.66		123	30-110				
Surrogate: SURR: Terphenyl-d14	0.982		"	0.831		118	30-116				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH51210 - EPA 1633 Prep

Blank (BH51210-BLK1)

Prepared: 08/15/2025 Analyzed: 08/22/2025

Perfluorobutanesulfonic acid (PFBS)	ND	1.77	ng/L								
Perfluorohexanoic acid (PFHxA)	ND	2.00	"								
Perfluoroheptanoic acid (PFHpA)	ND	2.00	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	1.83	"								
Perfluorooctanoic acid (PFOA)	ND	2.00	"								
Perfluorooctanesulfonic acid (PFOS)	ND	1.86	"								
Perfluorononanoic acid (PFNA)	ND	2.00	"								
Perfluorodecanoic acid (PFDA)	ND	2.00	"								
Perfluoroundecanoic acid (PFUnA)	ND	2.00	"								
Perfluorododecanoic acid (PFDoA)	ND	2.00	"								
Perfluorotridecanoic acid (PFTriDA)	ND	2.00	"								
Perfluorotetradecanoic acid (PFTA)	ND	2.00	"								
N-MeFOSAA	ND	2.00	"								
N-EtFOSAA	11.6	5.00	"								
Perfluoropentanoic acid (PFPeA)	ND	4.00	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	2.00	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	1.91	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	1.93	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	7.60	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	7.68	"								
Perfluoro-n-butanoic acid (PFBA)	3.03	8.00	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	3.56	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	4.00	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	4.00	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	4.00	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	1.88	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	7.50	"								
HFPO-DA (Gen-X)	ND	8.00	"								
11CL-PF3OUdS	ND	7.56	"								
9CL-PF3ONS	ND	7.48	"								
ADONA	ND	7.56	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	1.94	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	1.92	"								
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND	10.0	"								
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND	50.0	"								
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND	50.0	"								
N-MeFOSE	13.9	20.0	"								
N-MeFOSA	98.5	2.00	"								
N-EtFOSE	ND	20.0	"								
N-EtFOSA	ND	2.00	"								
Surrogate: M3PFBS	25.0		"	23.3		107	40-135				
Surrogate: M5PFHxA	23.8		"	25.0		95.0	40-130				
Surrogate: M4PFHpA	28.3		"	25.0		113	40-130				
Surrogate: M3PFHxS	24.9		"	23.7		105	40-130				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH51210 - EPA 1633 Prep

Blank (BH51210-BLK1)

Prepared: 08/15/2025 Analyzed: 08/22/2025

Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	25.5		ng/L	25.0		102	40-130				
Surrogate: M6PFDA	13.0		"	12.5		104	40-130				
Surrogate: M7PFUdA	13.6		"	12.5		109	30-130				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	12.5		"	12.5		100	10-130				
Surrogate: M2PFTeDA	12.1		"	12.5		96.4	10-130				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	91.3		"	100		91.3	5-130				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	22.7		"	24.0		95.0	40-130				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	50.8		"	50.0		102	40-130				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	21.5		"	25.0		85.9	40-130				
Surrogate: d3-N-MeFOSAA	49.9		"	50.0		99.9	40-170				
Surrogate: d5-N-EtFOSAA	50.8		"	50.0		102	25-135				
Surrogate: M2-6:2 FTS	52.3		"	47.6		110	40-200				
Surrogate: M2-8:2 FTS	51.9		"	48.0		108	40-300				
Surrogate: M9PFNA	14.1		"	12.5		113	40-130				
Surrogate: M2-4:2 FTS	55.1		"	46.9		118	40-200				
Surrogate: d-N-MeFOSA	19.0		"	25.0		75.9	10-130				
Surrogate: d-N-EtFOSA	15.7		"	25.0		62.6	10-130				
Surrogate: M3HFPO-DA	98.8		"	100		98.8	40-130				
Surrogate: d9-N-EtFOSE	211		"	250		84.4	10-130				
Surrogate: d7-N-MeFOSE	205		"	250		81.9	10-130				

LCS (BH51210-BS1)

Prepared: 08/15/2025 Analyzed: 08/22/2025

Perfluorobutanesulfonic acid (PFBS)	40.1	1.77	ng/L	35.4		113	60-145				
Perfluorohexanoic acid (PFHxA)	45.5	2.00	"	40.0		114	70-145				
Perfluoroheptanoic acid (PFHpA)	42.1	2.00	"	40.0		105	70-150				
Perfluorohexanesulfonic acid (PFHxS)	41.4	1.83	"	36.6		113	65-145				
Perfluorooctanoic acid (PFOA)	48.6	2.00	"	40.0		121	70-150				
Perfluorooctanesulfonic acid (PFOS)	43.1	1.86	"	37.2		116	55-150				
Perfluorononanoic acid (PFNA)	46.9	2.00	"	40.0		117	70-150				
Perfluorodecanoic acid (PFDA)	47.7	2.00	"	40.0		119	70-140				
Perfluoroundecanoic acid (PFUnA)	46.5	2.00	"	40.0		116	70-145				
Perfluorododecanoic acid (PFDoA)	45.7	2.00	"	40.0		114	70-140				
Perfluorotridecanoic acid (PFTriDA)	55.3	2.00	"	40.0		138	65-140				
Perfluorotetradecanoic acid (PFTA)	49.6	2.00	"	40.0		124	60-140				
N-MeFOSAA	47.8	2.00	"	40.0		120	50-140				
N-EtFOSAA	51.0	5.00	"	40.0		128	70-145				
Perfluoropentanoic acid (PFPeA)	93.2	4.00	"	80.0		117	65-135				
Perfluoro-1-octanesulfonamide (FOSA)	48.9	2.00	"	40.0		122	70-145				
Perfluoro-1-heptanesulfonic acid (PFHpS)	48.6	1.91	"	38.2		127	70-150				
Perfluoro-1-decanesulfonic acid (PFDS)	40.4	1.93	"	38.6		105	60-145				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	176	7.60	"	152		116	65-155				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	175	7.68	"	154		114	60-150				
Perfluoro-n-butanoic acid (PFBA)	189	8.00	"	160		118	70-140				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	90.4	3.56	"	71.2		127	70-140				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH51210 - EPA 1633 Prep											
LCS (BH51210-BS1)						Prepared: 08/15/2025 Analyzed: 08/22/2025					
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	113	4.00	ng/L	80.0		141	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	78.6	4.00	"	80.0		98.2	55-140				
Perfluoro-5-oxahexanoic acid (PFMBA)	102	4.00	"	80.0		128	60-150				
Perfluoro-1-pentanesulfonate (PFPeS)	43.1	1.88	"	37.6		115	65-140				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	181	7.50	"	150		120	70-145				
HFPO-DA (Gen-X)	101	8.00	"	80.0		126	70-140				
11CL-PF3OUdS	48.9	7.56	"	75.6		64.7	55-160				
9CL-PF3ONS	65.6	7.48	"	74.8		87.8	70-155				
ADONA	103	7.56	"	75.6		136	65-145				
Perfluorododecanesulfonic acid (PFDoS)	22.1	1.94	"	38.8		56.9	50-145				
Perfluoro-1-nonanesulfonic acid (PFNS)	44.9	1.92	"	38.4		117	65-145				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	105	10.0	"	160		65.3	65-130				
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	856	50.0	"	800		107	70-135				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	820	50.0	"	800		103	50-145				
N-MeFOSE	459	20.0	"	400		115	70-145				
N-MeFOSA	53.7	2.00	"	40.0		134	60-150				
N-EtFOSE	444	20.0	"	400		111	70-135				
N-EtFOSA	44.3	2.00	"	40.0		111	65-145				
Surrogate: M3PFBS	25.0		"	23.3		108	40-135				
Surrogate: M5PFHxA	24.1		"	25.0		96.4	40-130				
Surrogate: M4PFHpA	28.3		"	25.0		113	40-130				
Surrogate: M3PFHxS	22.7		"	23.7		95.9	40-130				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	24.5		"	25.0		97.8	40-130				
Surrogate: M6PFDA	11.7		"	12.5		93.4	40-130				
Surrogate: M7PFUdA	12.6		"	12.5		101	30-130				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	10.8		"	12.5		86.8	10-130				
Surrogate: M2PFTeDA	9.19		"	12.5		73.5	10-130				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	97.3		"	100		97.3	5-130				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	16.8		"	24.0		70.1	40-130				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	50.1		"	50.0		100	40-130				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	19.7		"	25.0		78.9	40-130				
Surrogate: d3-N-MeFOSAA	51.6		"	50.0		103	40-170				
Surrogate: d5-N-EtFOSAA	48.0		"	50.0		96.0	25-135				
Surrogate: M2-6:2 FTS	51.8		"	47.6		109	40-200				
Surrogate: M2-8:2 FTS	42.5		"	48.0		88.4	40-300				
Surrogate: M9PFNA	12.4		"	12.5		99.4	40-130				
Surrogate: M2-4:2 FTS	54.8		"	46.9		117	40-200				
Surrogate: d-N-MeFOSA	12.2		"	25.0		48.8	10-130				
Surrogate: d-N-EtFOSA	14.0		"	25.0		56.1	10-130				
Surrogate: M3HFPO-DA	102		"	100		102	40-130				
Surrogate: d9-N-EtFOSE	190		"	250		76.1	10-130				
Surrogate: d7-N-MeFOSE	211		"	250		84.2	10-130				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH51210 - EPA 1633 Prep											
LCS (BH51210-BS2)						Prepared: 08/15/2025 Analyzed: 08/22/2025					
Perfluorobutanesulfonic acid (PFBS)	3.86	1.77	ng/L	3.54		109	60-145				
Perfluorohexanoic acid (PFHxA)	4.72	2.00	"	4.00		118	70-145				
Perfluoroheptanoic acid (PFHpA)	4.12	2.00	"	4.00		103	70-150				
Perfluorohexanesulfonic acid (PFHxS)	3.27	1.83	"	3.66		89.3	65-145				
Perfluorooctanoic acid (PFOA)	4.65	2.00	"	4.00		116	70-150				
Perfluorooctanesulfonic acid (PFOS)	4.62	1.86	"	3.72		124	55-150				
Perfluorononanoic acid (PFNA)	4.68	2.00	"	4.00		117	70-150				
Perfluorodecanoic acid (PFDA)	4.50	2.00	"	4.00		112	70-140				
Perfluoroundecanoic acid (PFUnA)	4.13	2.00	"	4.00		103	70-145				
Perfluorododecanoic acid (PFDoA)	4.40	2.00	"	4.00		110	70-140				
Perfluorotridecanoic acid (PFTriDA)	5.22	2.00	"	4.00		131	65-140				
Perfluorotetradecanoic acid (PFTA)	4.92	2.00	"	4.00		123	60-140				
N-MeFOSAA	3.89	2.00	"	4.00		97.1	50-140				
N-EtFOSAA	7.21	5.00	"	4.00		180	70-145	High Bias			
Perfluoropentanoic acid (PFPeA)	9.09	4.00	"	8.00		114	65-135				
Perfluoro-1-octanesulfonamide (FOSA)	4.98	2.00	"	4.00		124	70-145				
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.37	1.91	"	3.82		114	70-150				
Perfluoro-1-decanesulfonic acid (PFDS)	3.28	1.93	"	3.86		85.0	60-145				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	16.3	7.60	"	15.2		107	65-155				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	18.4	7.68	"	15.4		120	60-150				
Perfluoro-n-butanoic acid (PFBA)	18.5	8.00	"	16.0		115	70-140				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	8.68	3.56	"	7.12		122	70-140				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	9.51	4.00	"	8.00		119	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	6.58	4.00	"	8.00		82.2	55-140				
Perfluoro-5-oxahexanoic acid (PFMBA)	9.63	4.00	"	8.00		120	60-150				
Perfluoro-1-pentanesulfonate (PFPeS)	4.01	1.88	"	3.76		107	65-140				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	16.9	7.50	"	15.0		113	70-145				
HFPO-DA (Gen-X)	11.3	8.00	"	8.00		141	70-140	High Bias			
11CL-PF3OUdS	9.03	7.56	"	7.56		119	55-160				
9CL-PF3ONS	7.11	7.48	"	7.48		95.0	70-155				
ADONA	8.64	7.56	"	7.56		114	65-145				
Perfluorododecanesulfonic acid (PFDoS)	2.73	1.94	"	3.88		70.3	50-145				
Perfluoro-1-nonanesulfonic acid (PFNS)	3.00	1.92	"	3.84		78.2	65-145				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	14.6	10.0	"	16.0		91.5	65-130				
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	88.7	50.0	"	80.0		111	70-135				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	94.6	50.0	"	80.0		118	50-145				
N-MeFOSE	40.5	20.0	"	40.0		101	70-145				
N-MeFOSA	6.51	2.00	"	4.00		163	60-150	High Bias			
N-EtFOSE	44.6	20.0	"	40.0		112	70-135				
N-EtFOSA	3.41	2.00	"	4.00		85.4	65-145				
Surrogate: M3PFBS	27.8		"	23.3		120	40-135				
Surrogate: M5PFHxA	26.3		"	25.0		105	40-130				
Surrogate: M4PFHpA	30.1		"	25.0		120	40-130				
Surrogate: M3PFHxS	29.2		"	23.7		123	40-130				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	Limit	Flag
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Batch BH51210 - EPA 1633 Prep

LCS (BH51210-BS2)

Prepared: 08/15/2025 Analyzed: 08/22/2025

Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	28.1		ng/L	25.0		112	40-130				
Surrogate: M6PFDA	14.5		"	12.5		116	40-130				
Surrogate: M7PFUdA	14.9		"	12.5		119	30-130				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	14.8		"	12.5		118	10-130				
Surrogate: M2PFTeDA	12.9		"	12.5		103	10-130				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	106		"	100		106	5-130				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	24.8		"	24.0		103	40-130				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	56.6		"	50.0		113	40-130				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	23.1		"	25.0		92.4	40-130				
Surrogate: d3-N-MeFOSAA	55.3		"	50.0		111	40-170				
Surrogate: d5-N-EtFOSAA	57.7		"	50.0		115	25-135				
Surrogate: M2-6:2 FTS	57.1		"	47.6		120	40-200				
Surrogate: M2-8:2 FTS	52.4		"	48.0		109	40-300				
Surrogate: M9PFNA	14.2		"	12.5		114	40-130				
Surrogate: M2-4:2 FTS	60.2		"	46.9		128	40-200				
Surrogate: d-N-MeFOSA	19.5		"	25.0		77.8	10-130				
Surrogate: d-N-EtFOSA	18.0		"	25.0		71.9	10-130				
Surrogate: M3HFPO-DA	106		"	100		106	40-130				
Surrogate: d9-N-EtFOSE	207		"	250		82.9	10-130				
Surrogate: d7-N-MeFOSE	229		"	250		91.4	10-130				

Duplicate (BH51210-DUP1)

*Source sample: 25H0827-04 (PFAS FB 20250812)

Prepared: 08/15/2025 Analyzed: 08/28/2025

Perfluorobutanesulfonic acid (PFBS)	ND	1.70	ng/L		ND		30
Perfluorohexanoic acid (PFHxA)	ND	1.92	"		ND		30
Perfluoroheptanoic acid (PFHpA)	ND	1.92	"		ND		30
Perfluorohexanesulfonic acid (PFHxS)	ND	1.76	"		ND		30
Perfluorooctanoic acid (PFOA)	ND	1.92	"		ND		30
Perfluorooctanesulfonic acid (PFOS)	ND	1.79	"		ND		30
Perfluorononanoic acid (PFNA)	ND	1.92	"		ND		30
Perfluorodecanoic acid (PFDA)	ND	1.92	"		ND		30
Perfluoroundecanoic acid (PFUnA)	ND	1.92	"		ND		30
Perfluorododecanoic acid (PFDoA)	ND	1.92	"		ND		30
Perfluorotridecanoic acid (PFTTrDA)	ND	1.92	"		ND		30
Perfluorotetradecanoic acid (PFTA)	ND	1.92	"		ND		30
N-MeFOSAA	ND	1.92	"		ND		30
N-EtFOSAA	32.4	4.80	"		ND		30
Perfluoropentanoic acid (PFPeA)	ND	3.84	"		ND		30
Perfluoro-1-octanesulfonamide (FOSA)	2.13	1.92	"	0.372			30
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	1.83	"		ND		30
Perfluoro-1-decanesulfonic acid (PFDS)	ND	1.85	"		ND		30
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	7.29	"		ND		30
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	7.37	"		ND		30
Perfluoro-n-butanoic acid (PFBA)	ND	7.68	"		ND		30
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	3.42	"		ND		30



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH51210 - EPA 1633 Prep											
Duplicate (BH51210-DUP1)		*Source sample: 25H0827-04 (PFAS FB 20250812)						Prepared: 08/15/2025 Analyzed: 08/28/2025			
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	3.84	ng/L		ND					30	
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	3.84	"		ND					30	
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	3.84	"		ND					30	
Perfluoro-1-pentanesulfonate (PFPeS)	ND	1.80	"		ND					30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	7.20	"		ND					30	
HFPO-DA (Gen-X)	ND	7.68	"		ND					30	
11CL-PF3OUdS	ND	7.26	"		ND					30	
9CL-PF3ONS	ND	7.18	"		ND					30	
ADONA	ND	7.26	"		ND					30	
Perfluorododecanesulfonic acid (PFDoS)	ND	1.86	"		ND					30	
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	1.84	"		ND					30	
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND	9.60	"		ND					30	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND	48.0	"		ND					30	
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND	48.0	"		ND					30	
N-MeFOSE	93.8	19.2	"		ND					30	
N-MeFOSA	162	1.92	"		ND					30	
N-EtFOSE	ND	19.2	"		ND					30	
N-EtFOSA	ND	1.92	"		ND					30	
Surrogate: M3PFBS	24.1		"	22.4		108	40-135				
Surrogate: M5PFHxA	24.5		"	24.0		102	40-130				
Surrogate: M4PFHpA	24.1		"	24.0		100	40-130				
Surrogate: M3PFHxS	21.5		"	22.7		94.6	40-130				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	24.8		"	24.0		103	40-130				
Surrogate: M6PFDA	12.5		"	12.0		104	40-130				
Surrogate: M7PFUdA	11.3		"	12.0		94.0	30-130				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	9.70		"	12.0		80.9	10-130				
Surrogate: M2PFTeDA	7.91		"	12.0		66.0	10-130				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	91.3		"	96.0		95.2	5-130				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	22.6		"	23.0		98.4	40-130				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	48.1		"	48.0		100	40-130				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	24.1		"	24.0		100	40-130				
Surrogate: d3-N-MeFOSAA	45.3		"	48.0		94.5	40-170				
Surrogate: d5-N-EtFOSAA	40.8		"	48.0		85.0	25-135				
Surrogate: M2-6:2 FTS	52.2		"	45.6		114	40-200				
Surrogate: M2-8:2 FTS	52.7		"	46.1		114	40-300				
Surrogate: M9PFNA	12.8		"	12.0		107	40-130				
Surrogate: M2-4:2 FTS	54.4		"	45.0		121	40-200				
Surrogate: d-N-MeFOSA	20.3		"	24.0		84.7	10-130				
Surrogate: d-N-EtFOSA	16.0		"	24.0		66.7	10-130				
Surrogate: M3HFPO-DA	106		"	96.0		111	40-130				
Surrogate: d9-N-EtFOSE	177		"	240		73.9	10-130				
Surrogate: d7-N-MeFOSE	180		"	240		75.1	10-130				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BI50113 - EPA 1633 Prep

Blank (BI50113-BLK1)

Prepared: 09/03/2025 Analyzed: 09/04/2025

Perfluorobutanesulfonic acid (PFBS)	ND	0.177	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.200	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.200	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.183	"								
Perfluorooctanoic acid (PFOA)	ND	0.200	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.186	"								
Perfluorononanoic acid (PFNA)	ND	0.200	"								
Perfluorodecanoic acid (PFDA)	ND	0.200	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.200	"								
Perfluorododecanoic acid (PFDoA)	ND	0.200	"								
Perfluorotridecanoic acid (PFTriDA)	ND	0.200	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.200	"								
N-MeFOSAA	ND	0.200	"								
N-EtFOSAA	ND	0.499	"								
Perfluoropentanoic acid (PFPeA)	ND	0.399	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.200	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.200	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.193	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	0.758	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	0.766	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.798	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.355	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.399	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.399	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.399	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.188	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	0.749	"								
HFPO-DA (Gen-X)	ND	0.798	"								
11CL-PF3OUdS	ND	0.754	"								
9CL-PF3ONS	ND	0.747	"								
ADONA	ND	0.754	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.194	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.192	"								
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND	0.998	"								
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND	4.99	"								
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND	4.99	"								
N-MeFOSE	ND	2.00	"								
N-MeFOSA	ND	0.200	"								
N-EtFOSE	ND	2.00	"								
N-EtFOSA	ND	0.200	"								
Surrogate: M3PFBS	3.48		"	2.33		150	40-135				
Surrogate: M5PFHxA	3.47		"	2.50		139	40-130				
Surrogate: M4PFHpA	3.21		"	2.50		129	40-130				
Surrogate: M3PFHxS	3.07		"	2.37		130	40-130				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BI50113 - EPA 1633 Prep

Blank (BI50113-BLK1)

Prepared: 09/03/2025 Analyzed: 09/04/2025

Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	3.40		ug/kg wet	2.50		136	40-130				
Surrogate: M6PFDA	1.49		"	1.25		120	40-130				
Surrogate: M7PFUdA	1.55		"	1.25		124	40-130				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.47		"	1.25		117	40-130				
Surrogate: M2PFTeDA	1.44		"	1.25		116	20-130				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	13.5		"	9.98		136	8-130				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	3.12		"	2.39		131	40-130				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	6.96		"	4.99		140	35-130				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	3.52		"	2.50		141	40-130				
Surrogate: d3-N-MeFOSAA	6.13		"	4.99		123	40-135				
Surrogate: d5-N-EtFOSAA	5.91		"	4.99		118	40-150				
Surrogate: M2-6:2 FTS	7.84		"	4.75		165	40-215				
Surrogate: M2-8:2 FTS	7.37		"	4.79		154	40-275				
Surrogate: M9PFNA	1.74		"	1.25		140	40-130				
Surrogate: M2-4:2 FTS	8.79		"	4.68		188	40-165				
Surrogate: d-N-MeFOSA	1.99		"	2.50		79.6	10-130				
Surrogate: d-N-EtFOSA	1.65		"	2.50		66.2	10-130				
Surrogate: M3HFPO-DA	15.0		"	9.98		151	40-130				
Surrogate: d9-N-EtFOSE	25.9		"	25.0		104	15-130				
Surrogate: d7-N-MeFOSE	26.5		"	25.0		106	20-130				

LCS (BI50113-BS1)

Prepared: 09/03/2025 Analyzed: 09/04/2025

Perfluorobutanesulfonic acid (PFBS)	2.83	0.177	ug/kg wet	3.54		80.1	65-145				
Perfluorohexanoic acid (PFHxA)	3.28	0.200	"	4.00		82.0	65-140				
Perfluoroheptanoic acid (PFHpA)	3.43	0.200	"	4.00		85.7	65-145				
Perfluorohexanesulfonic acid (PFHxS)	2.94	0.183	"	3.66		80.3	60-150				
Perfluorooctanoic acid (PFOA)	3.24	0.200	"	4.00		81.1	70-150				
Perfluorooctanesulfonic acid (PFOS)	3.16	0.186	"	3.72		84.9	65-160				
Perfluorononanoic acid (PFNA)	3.24	0.200	"	4.00		81.0	70-155				
Perfluorodecanoic acid (PFDA)	3.34	0.200	"	4.00		83.5	70-155				
Perfluoroundecanoic acid (PFUnA)	3.27	0.200	"	4.00		81.7	70-155				
Perfluorododecanoic acid (PFDoA)	3.18	0.200	"	4.00		79.6	70-150				
Perfluorotridecanoic acid (PFTriDA)	2.85	0.200	"	4.00		71.3	65-150				
Perfluorotetradecanoic acid (PFTA)	3.05	0.200	"	4.00		76.3	65-150				
N-MeFOSAA	3.34	0.200	"	4.00		83.4	65-155				
N-EtFOSAA	3.28	0.500	"	4.00		81.9	65-165				
Perfluoropentanoic acid (PFPeA)	6.46	0.400	"	8.00		80.8	60-150				
Perfluoro-1-octanesulfonamide (FOSA)	3.24	0.200	"	4.00		81.1	70-140				
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.01	0.200	"	3.82		78.9	65-155				
Perfluoro-1-decanesulfonic acid (PFDS)	2.77	0.193	"	3.86		71.8	40-155				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	11.8	0.760	"	15.2		77.4	55-200				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	13.0	0.768	"	15.4		84.8	70-150				
Perfluoro-n-butanoic acid (PFBA)	13.1	0.800	"	16.0		81.6	70-140				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	6.04	0.356	"	7.12		84.8	70-140				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BI50113 - EPA 1633 Prep

LCS (BI50113-BS1)

Prepared: 09/03/2025 Analyzed: 09/04/2025

Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	7.95	0.400	ug/kg wet	8.00		99.3	60-155				
Perfluoro-4-oxapentanoic acid (PFMPA)	6.95	0.400	"	8.00		86.8	30-140				
Perfluoro-5-oxahexanoic acid (PFMBA)	7.13	0.400	"	8.00		89.2	60-150				
Perfluoro-1-pentanesulfonate (PFPeS)	3.31	0.188	"	3.76		88.0	55-160				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	11.8	0.750	"	15.0		78.8	60-150				
HFPO-DA (Gen-X)	6.22	0.800	"	8.00		77.8	70-145				
11CL-PF3OUdS	4.91	0.756	"	7.56		65.0	45-160				
9CL-PF3ONS	5.08	0.748	"	7.48		67.9	70-150	Low Bias			
ADONA	6.44	0.756	"	7.56		85.2	70-160				
Perfluorododecanesulfonic acid (PFDoS)	2.97	0.194	"	3.88		76.5	25-160				
Perfluoro-1-nonanesulfonic acid (PFNS)	2.87	0.192	"	3.84		74.6	55-140				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	13.4	1.00	"	16.0		84.0	45-130				
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	66.8	5.00	"	80.0		83.5	60-130				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	69.1	5.00	"	80.0		86.4	60-150				
N-MeFOSE	33.2	2.00	"	40.0		83.0	70-140				
N-MeFOSA	3.23	0.200	"	4.00		80.8	70-155				
N-EtFOSE	31.1	2.00	"	40.0		77.7	70-135				
N-EtFOSA	3.23	0.200	"	4.00		80.7	70-140				
Surrogate: M3PFBS	3.54		"	2.33		152	40-135				
Surrogate: M5PFHxA	3.36		"	2.50		134	40-130				
Surrogate: M4PFHpA	3.30		"	2.50		132	40-130				
Surrogate: M3PFHxS	3.15		"	2.37		133	40-130				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	3.36		"	2.50		134	40-130				
Surrogate: M6PFDA	1.55		"	1.25		124	40-130				
Surrogate: M7PFUdA	1.46		"	1.25		117	40-130				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.40		"	1.25		112	40-130				
Surrogate: M2PFTeDA	1.57		"	1.25		125	20-130				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	13.4		"	10.0		134	8-130				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	3.08		"	2.40		129	40-130				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	6.85		"	5.00		137	35-130				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	3.46		"	2.50		139	40-130				
Surrogate: d3-N-MeFOSAA	6.30		"	5.00		126	40-135				
Surrogate: d5-N-EtFOSAA	6.34		"	5.00		127	40-150				
Surrogate: M2-6:2 FTS	6.86		"	4.76		144	40-215				
Surrogate: M2-8:2 FTS	6.72		"	4.80		140	40-275				
Surrogate: M9PFNA	1.68		"	1.25		134	40-130				
Surrogate: M2-4:2 FTS	6.80		"	4.69		145	40-165				
Surrogate: d-N-MeFOSA	2.36		"	2.50		94.6	10-130				
Surrogate: d-N-EtFOSA	2.29		"	2.50		91.7	10-130				
Surrogate: M3HFPO-DA	15.0		"	10.0		150	40-130				
Surrogate: d9-N-EtFOSE	31.0		"	25.0		124	15-130				
Surrogate: d7-N-MeFOSE	30.2		"	25.0		121	20-130				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI50113 - EPA 1633 Prep											
LCS (BI50113-BS2)						Prepared: 09/03/2025 Analyzed: 09/04/2025					
Perfluorobutanesulfonic acid (PFBS)	0.203	0.177	ug/kg wet	0.354		57.2	65-145	Low Bias			
Perfluorohexanoic acid (PFHxA)	0.227	0.200	"	0.400		56.6	65-140	Low Bias			
Perfluoroheptanoic acid (PFHpA)	0.214	0.200	"	0.400		53.4	65-145	Low Bias			
Perfluorohexanesulfonic acid (PFHxS)	0.192	0.183	"	0.366		52.4	60-150	Low Bias			
Perfluorooctanoic acid (PFOA)	0.268	0.200	"	0.400		67.1	70-150	Low Bias			
Perfluorooctanesulfonic acid (PFOS)	0.238	0.186	"	0.372		64.1	65-160	Low Bias			
Perfluorononanoic acid (PFNA)	0.232	0.200	"	0.400		58.1	70-155	Low Bias			
Perfluorodecanoic acid (PFDA)	0.230	0.200	"	0.400		57.5	70-155	Low Bias			
Perfluoroundecanoic acid (PFUnA)	0.227	0.200	"	0.400		56.7	70-155	Low Bias			
Perfluorododecanoic acid (PFDoA)	0.213	0.200	"	0.400		53.2	70-150	Low Bias			
Perfluorotridecanoic acid (PFTriDA)	0.191	0.200	"	0.400		47.9	65-150	Low Bias			
Perfluorotetradecanoic acid (PFTA)	0.211	0.200	"	0.400		52.7	65-150	Low Bias			
N-MeFOSAA	0.207	0.200	"	0.400		51.8	65-155	Low Bias			
N-EtFOSAA	0.254	0.500	"	0.400		63.5	65-165	Low Bias			
Perfluoropentanoic acid (PFPeA)	0.444	0.400	"	0.800		55.5	60-150	Low Bias			
Perfluoro-1-octanesulfonamide (FOSA)	0.230	0.200	"	0.400		57.4	70-140	Low Bias			
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.229	0.200	"	0.382		59.8	65-155	Low Bias			
Perfluoro-1-decanesulfonic acid (PFDS)	0.155	0.193	"	0.386		40.2	40-155				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	0.866	0.760	"	1.52		57.0	55-200				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	0.868	0.768	"	1.54		56.5	70-150	Low Bias			
Perfluoro-n-butanoic acid (PFBA)	0.900	0.800	"	1.60		56.3	70-140	Low Bias			
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	0.490	0.356	"	0.712		68.8	70-140	Low Bias			
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	0.749	0.400	"	0.800		93.6	60-155				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.557	0.400	"	0.800		69.6	30-140				
Perfluoro-5-oxahexanoic acid (PFMBA)	0.585	0.400	"	0.800		73.2	60-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.205	0.188	"	0.376		54.6	55-160	Low Bias			
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	0.841	0.750	"	1.50		56.0	60-150	Low Bias			
HFPO-DA (Gen-X)	0.760	0.800	"	0.800		95.0	70-145				
11CL-PF3OUdS	0.416	0.756	"	0.756		55.0	45-160				
9CL-PF3ONS	0.472	0.748	"	0.748		63.1	70-150	Low Bias			
ADONA	0.499	0.756	"	0.756		66.0	70-160	Low Bias			
Perfluorododecanesulfonic acid (PFDoS)	0.194	0.194	"	0.388		50.0	25-160				
Perfluoro-1-nonanesulfonic acid (PFNS)	0.132	0.192	"	0.384		34.4	55-140	Low Bias			
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	1.00	1.00	"	1.60		62.6	45-130				
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	5.45	5.00	"	8.00		68.1	60-130				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	5.43	5.00	"	8.00		67.9	60-150				
N-MeFOSE	2.67	2.00	"	4.00		66.9	70-140	Low Bias			
N-MeFOSA	0.322	0.200	"	0.400		80.5	70-155				
N-EtFOSE	2.78	2.00	"	4.00		69.6	70-135	Low Bias			
N-EtFOSA	0.314	0.200	"	0.400		78.6	70-140				
Surrogate: M3PFBS	4.21		"	2.33		181	40-135				
Surrogate: M5PFHxA	4.14		"	2.50		165	40-130				
Surrogate: M4PFHpA	3.94		"	2.50		158	40-130				
Surrogate: M3PFHxS	3.79		"	2.37		160	40-130				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BI50113 - EPA 1633 Prep

LCS (BI50113-BS2)

Prepared: 09/03/2025 Analyzed: 09/04/2025

Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	4.00		ug/kg wet	2.50		160	40-130				
Surrogate: M6PFDA	1.65		"	1.25		132	40-130				
Surrogate: M7PFUdA	1.46		"	1.25		117	40-130				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.45		"	1.25		116	40-130				
Surrogate: M2PFTeDA	1.48		"	1.25		119	20-130				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	16.0		"	10.0		160	8-130				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	3.31		"	2.40		138	40-130				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	8.17		"	5.00		163	35-130				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	3.79		"	2.50		151	40-130				
Surrogate: d3-N-MeFOSAA	6.85		"	5.00		137	40-135				
Surrogate: d5-N-EtFOSAA	6.26		"	5.00		125	40-150				
Surrogate: M2-6:2 FTS	9.26		"	4.76		195	40-215				
Surrogate: M2-8:2 FTS	8.58		"	4.80		179	40-275				
Surrogate: M9PFNA	1.80		"	1.25		144	40-130				
Surrogate: M2-4:2 FTS	9.93		"	4.69		212	40-165				
Surrogate: d-N-MeFOSA	2.30		"	2.50		92.0	10-130				
Surrogate: d-N-EtFOSA	2.03		"	2.50		81.2	10-130				
Surrogate: M3HFPO-DA	18.7		"	10.0		187	40-130				
Surrogate: d9-N-EtFOSE	30.1		"	25.0		120	15-130				
Surrogate: d7-N-MeFOSE	30.9		"	25.0		124	20-130				



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

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH51299 - EPA 3050B

Blank (BH51299-BLK1)

Prepared: 08/17/2025 Analyzed: 08/18/2025

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

Reference (BH51299-SRM1)

Prepared: 08/17/2025 Analyzed: 08/18/2025

Arsenic	148	1.25	mg/kg wet	148	100	81.1-119.6
Barium	204	2.08	"	191	107	81.7-118.3
Cadmium	197	0.250	"	190	104	82.1-118.4
Chromium	145	0.417	"	132	110	81.1-118.9
Lead	92.6	0.417	"	98.6	94.0	81.8-117.6
Selenium	122	2.08	"	124	98.7	78.5-121
Silver	57.8	0.420	"	54.9	105	79.4-120.8

Batch BH51396 - EPA 3050B

Blank (BH51396-BLK1)

Prepared: 08/18/2025 Analyzed: 08/19/2025

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



Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH51396 - EPA 3050B

Reference (BH51396-SRM1)

Prepared: 08/18/2025 Analyzed: 08/19/2025

Arsenic	157	1.25	mg/kg wet	148		106	81.1-119.6				
Barium	217	2.08	"	191		113	81.7-118.3				
Cadmium	202	0.250	"	190		106	82.1-118.4				
Chromium	143	0.417	"	132		108	81.1-118.9				
Lead	99.1	0.417	"	98.6		100	81.8-117.6				
Selenium	126	2.08	"	124		102	78.5-121				
Silver	59.0	0.420	"	54.9		108	79.4-120.8				



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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH51122 - EPA 7473 soil

Blank (BH51122-BLK1)

Prepared & Analyzed: 08/14/2025

Mercury	ND	0.0300	mg/kg wet
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Reference (BH51122-SRM1)

Prepared & Analyzed: 08/14/2025

Mercury	13.793		mg/kg	24.0		57.5	55.8-109.6
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Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
25H0827-01	SB-12 4-8 20250812	40mL Vial with Stir Bar-Cool 4° C
25H0827-02	SB-13 2-5 20250812	40mL Vial with Stir Bar-Cool 4° C
25H0827-03	SB-14 2-6 20250812	40mL Vial with Stir Bar-Cool 4° C



Sample and Data Qualifiers Relating to This Work Order

S-08	The recovery of this surrogate was outside of QC limits.
PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.
PF-LCS-L	The LCS recovery for this PFAS compound was below control limits.
M-CCV1	The recovery for this element in the Continuing Calibration Verification (CCV) was outside the 90-110% recovery criteria.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
HT-NFD	NFDHA was extracted outside of the 3-day holding time established by 1633A. NFDHA is not a regulated analyte, and does not have a toxicity factor or corresponding EPA Regional Screening Level. These results should not impact data usability
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.
A-01	The method blank and duplicate in BH51210 were contaminated by high-concentration samples not associated with this work order. The contamination hits are not present in any samples for this project.

Definitions and Other Explanations

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



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

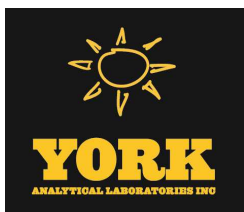
If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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



Technical Report

prepared for:

PVE, LLC.
48 Springside Avenue
Poughkeepsie NY, 12603
Attention: Aaron Rubinstein

Report Date: 09/18/2025
Client Project ID: 24-42 Johnes Street
York Project (SDG) No.: 25I0439

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



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

120 RESEARCH DRIVE
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STRATFORD, CT 06615
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132-02 89th AVENUE
FAX (203) 357-0166

RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 09/18/2025
Client Project ID: 24-42 Johnes Street
York Project (SDG) No.: 25I0439

PVE, LLC.
48 Springside Avenue
Poughkeepsie NY, 12603
Attention: Aaron Rubinstein

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on September 08, 2025 and listed below. The project was identified as your project: **24-42 Johnes Street**.

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

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

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

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

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

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
25I0439-01	MW-1 20250905	Ground Water	09/05/2025	09/08/2025

General Notes for York Project (SDG) No.: 25I0439

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

Approved By:



Cassie L. Mosher
Laboratory Manager

Date: 09/18/2025





Sample Information

Client Sample ID: MW-1 20250905

York Sample ID: 25I0439-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25I0439

24-42 Johnes Street

Ground Water

September 5, 2025 1:55 pm

09/08/2025

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440	09/12/2025 16:13	09/15/2025 15:58	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440	09/12/2025 16:13	09/15/2025 15:58	SS
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	09/12/2025 16:13	09/15/2025 15:58	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NYSDOH-NY10854,PADEP-68-04440	09/12/2025 16:13	09/15/2025 15:58	SS
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440	09/12/2025 16:13	09/15/2025 15:58	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NYSDOH-NY10854,PADEP-68-04440	09/12/2025 16:13	09/15/2025 15:58	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NYSDOH-NY10854,PADEP-68-04440	09/12/2025 16:13	09/15/2025 15:58	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440	09/12/2025 16:13	09/15/2025 15:58	SS
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	09/12/2025 16:13	09/15/2025 15:58	SS
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	09/12/2025 16:13	09/15/2025 15:58	SS
120-83-2	2,4-Dichlorophenol	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	09/12/2025 16:13	09/15/2025 15:58	SS
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	09/12/2025 16:13	09/15/2025 15:58	SS
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	09/12/2025 16:13	09/15/2025 15:58	SS
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	09/12/2025 16:13	09/15/2025 15:58	SS
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	09/12/2025 16:13	09/15/2025 15:58	SS
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	09/12/2025 16:13	09/15/2025 15:58	SS
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	09/12/2025 16:13	09/15/2025 15:58	SS
91-57-6	2-Methylnaphthalene	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	09/12/2025 16:13	09/15/2025 15:58	SS
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	09/12/2025 16:13	09/15/2025 15:58	SS
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	09/12/2025 16:13	09/15/2025 15:58	SS
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	09/12/2025 16:13	09/15/2025 15:58	SS
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	09/12/2025 16:13	09/15/2025 15:58	SS



Sample Information

Client Sample ID: MW-1 20250905

York Sample ID: 25I0439-01

York Project (SDG) No.
25I0439

Client Project ID
24-42 Johnes Street

Matrix
Ground Water

Collection Date/Time
September 5, 2025 1:55 pm

Date Received
09/08/2025

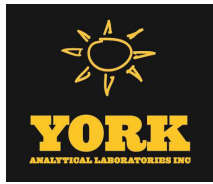
SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-94-1	3,3-Dichlorobenzidine	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D Certifications:	09/12/2025 16:13 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	09/15/2025 15:58	SS
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	09/12/2025 16:13 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	09/15/2025 15:58	SS
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	09/12/2025 16:13 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	09/15/2025 15:58	SS
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	09/12/2025 16:13 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	09/15/2025 15:58	SS
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	09/12/2025 16:13 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	09/15/2025 15:58	SS
106-47-8	4-Chloroaniline	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270D Certifications:	09/12/2025 16:13 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	09/15/2025 15:58	SS
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	09/12/2025 16:13 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	09/15/2025 15:58	SS
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	09/12/2025 16:13 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	09/15/2025 15:58	SS
100-02-7	4-Nitrophenol	ND		ug/L	5.00	5.00	1	EPA 8270D Certifications:	09/12/2025 16:13 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	09/15/2025 15:58	SS
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	09/12/2025 16:13 NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440	09/15/2025 15:58	SS
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	09/12/2025 16:13 NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440	09/15/2025 15:58	SS
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	09/12/2025 16:13 NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440	09/15/2025 15:58	SS
92-87-5	Benzidine	ND	CAL-E	ug/L	5.00	5.00	1	EPA 8270D Certifications:	09/12/2025 16:13 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	09/15/2025 15:58	SS
65-85-0	Benzoic acid	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270D Certifications:	09/12/2025 16:13 NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440	09/15/2025 15:58	SS
100-51-6	Benzyl alcohol	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270D Certifications:	09/12/2025 16:13 NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440	09/15/2025 15:58	SS
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	09/12/2025 16:13 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	09/15/2025 15:58	SS
111-91-1	Bis(2-chloroethoxy)methane	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270D Certifications:	09/12/2025 16:13 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	09/15/2025 15:58	SS
111-44-4	Bis(2-chloroethyl)ether	ND	CCVE	ug/L	1.00	5.00	1	EPA 8270D Certifications:	09/12/2025 16:13 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	09/15/2025 15:58	SS
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	09/12/2025 16:13 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	09/15/2025 15:58	SS
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	09/12/2025 16:13 NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440	09/15/2025 15:58	SS
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	09/12/2025 16:13 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	09/15/2025 15:58	SS
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	09/12/2025 16:13 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	09/15/2025 15:58	SS
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	09/12/2025 16:13 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	09/15/2025 15:58	SS



Sample Information

Client Sample ID: MW-1 20250905

York Sample ID: 25I0439-01

York Project (SDG) No.

25I0439

Client Project ID

24-42 Johnes Street

Matrix

Ground Water

Collection Date/Time

September 5, 2025 1:55 pm

Date Received

09/08/2025

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	09/12/2025 16:13 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	09/15/2025 15:58	SS
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	09/12/2025 16:13 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	09/15/2025 15:58	SS
117-84-0	Di-n-octyl phthalate	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D Certifications:	09/12/2025 16:13 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	09/15/2025 15:58	SS
122-39-4	Diphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	09/12/2025 16:13 NYSDOH-NY10854,PADEP-68-04440	09/15/2025 15:58	SS
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	ug/L	5.00	10.0	1	EPA 8270D Certifications:	09/12/2025 16:13 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	09/15/2025 15:58	SS
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	09/12/2025 16:13 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	09/15/2025 15:58	SS
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	09/12/2025 16:13 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	09/15/2025 15:58	SS
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	09/12/2025 16:13 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	09/15/2025 15:58	SS
108-95-2	Phenol	ND		ug/L	0.750	5.00	1	EPA 8270D Certifications:	09/12/2025 16:13 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	09/15/2025 15:58	SS
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	32.3 %	19.7-63.1								
13127-88-3	Surrogate: SURR: Phenol-d6	18.6 %	10.1-41.7								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	77.0 %	50.2-113								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	72.6 %	39.9-105								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	70.5 %	39.3-151								
1718-51-0	Surrogate: SURR: Terphenyl-d14	74.4 %	30.7-106								

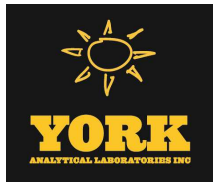
SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications:	09/12/2025 16:14 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	09/15/2025 10:12	AAK
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications:	09/12/2025 16:14 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	09/15/2025 10:12	AAK
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications:	09/12/2025 16:14 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	09/15/2025 10:12	AAK
1912-24-9	Atrazine	ND		ug/L	0.500	1	EPA 8270D SIM Certifications:	09/12/2025 16:14 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005	09/15/2025 10:12	AAK
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications:	09/12/2025 16:14 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	09/15/2025 10:12	AAK
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications:	09/12/2025 16:14 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	09/15/2025 10:12	AAK
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications:	09/12/2025 16:14 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	09/15/2025 10:12	AAK



Sample Information

Client Sample ID: MW-1 20250905

York Sample ID: 25I0439-01

York Project (SDG) No.

25I0439

Client Project ID

24-42 Johnes Street

Matrix

Ground Water

Collection Date/Time

September 5, 2025 1:55 pm

Date Received

09/08/2025

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	09/12/2025 16:14	09/15/2025 10:12	AAK
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	09/12/2025 16:14	09/15/2025 10:12	AAK
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005	09/12/2025 16:14	09/15/2025 10:12	AAK
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	09/12/2025 16:14	09/15/2025 10:12	AAK
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	09/12/2025 16:14	09/15/2025 10:12	AAK
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	09/12/2025 16:14	09/15/2025 10:12	AAK
86-73-7	Fluorene	0.110		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	09/12/2025 16:14	09/15/2025 10:12	AAK
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005	09/12/2025 16:14	09/15/2025 10:12	AAK
87-68-3	Hexachlorobutadiene	ND	QL-02	ug/L	0.500	1	EPA 8270D SIM Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005	09/12/2025 16:14	09/15/2025 10:12	AAK
67-72-1	Hexachloroethane	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005	09/12/2025 16:14	09/15/2025 10:12	AAK
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	09/12/2025 16:14	09/15/2025 10:12	AAK
91-20-3	Naphthalene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	09/12/2025 16:14	09/15/2025 10:12	AAK
98-95-3	Nitrobenzene	ND	CCVE, ICVE	ug/L	0.250	1	EPA 8270D SIM Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005	09/12/2025 16:14	09/15/2025 10:12	AAK
62-75-9	N-Nitrosodimethylamine	ND	QL-02	ug/L	0.500	1	EPA 8270D SIM Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005	09/12/2025 16:14	09/15/2025 10:12	AAK
87-86-5	Pentachlorophenol	ND	CCVE	ug/L	0.250	1	EPA 8270D SIM Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005	09/12/2025 16:14	09/15/2025 10:12	AAK
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	09/12/2025 16:14	09/15/2025 10:12	AAK
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	09/12/2025 16:14	09/15/2025 10:12	AAK

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470 Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854,NJDEP-CT005	09/12/2025 07:36	09/12/2025 07:36	DBT

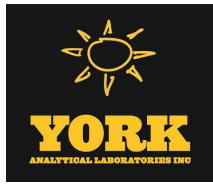
Mercury, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

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

Client Sample ID: MW-1 20250905

York Sample ID: 25I0439-01

York Project (SDG) No.

25I0439

Client Project ID

24-42 Johnes Street

Matrix

Ground Water

Collection Date/Time

September 5, 2025 1:55 pm

Date Received

09/08/2025

Mercury, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470 Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	09/09/2025 11:19	09/09/2025 11:19	DBT

Analyzed by: ALS-Middletown (SUB)

Metals, RCRA (no Hg) by 6020

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	0.0028		mg/L	0.0033	1	EPA 6020B Certifications:	09/17/2025 10:40	09/17/2025 10:40	
7440-39-3	Barium	0.19		mg/L	0.0056	1	EPA 6020B Certifications:	09/17/2025 10:40	09/17/2025 10:40	
7440-43-9	Cadmium	ND		mg/L	0.0011	1	EPA 6020B Certifications:	09/17/2025 10:40	09/17/2025 10:40	
7440-47-3	Chromium	0.006		mg/L	0.0022	1	EPA 6020B Certifications:	09/17/2025 10:40	09/17/2025 10:40	
7439-92-1	Lead	0.011		mg/L	0.0022	1	EPA 6020B Certifications:	09/17/2025 10:40	09/17/2025 10:40	
7782-49-2	Selenium	ND		mg/L	0.0056	1	EPA 6020B Certifications:	09/17/2025 10:40	09/17/2025 10:40	
7440-22-4	Silver	ND		mg/L	0.0022	1	EPA 6020B Certifications:	09/17/2025 10:40	09/17/2025 10:40	

Metals, RCRA (no Hg) by 6020, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.0033	1	EPA 6020B Certifications:	09/15/2025 15:34	09/15/2025 15:34	
7440-39-3	Barium	0.08		mg/L	0.0056	1	EPA 6020B Certifications:	09/15/2025 15:34	09/15/2025 15:34	
7440-43-9	Cadmium	ND		mg/L	0.0011	1	EPA 6020B Certifications:	09/15/2025 15:34	09/15/2025 15:34	
7440-47-3	Chromium	ND		mg/L	0.0022	1	EPA 6020B Certifications:	09/15/2025 15:34	09/15/2025 15:34	
7439-92-1	Lead	ND		mg/L	0.0022	1	EPA 6020B Certifications:	09/15/2025 15:34	09/15/2025 15:34	
7782-49-2	Selenium	ND		mg/L	0.0056	1	EPA 6020B Certifications:	09/15/2025 15:34	09/15/2025 15:34	
7440-22-4	Silver	ND		mg/L	0.0022	1	EPA 6020B Certifications:	09/15/2025 15:34	09/15/2025 15:34	



Analytical Batch Summary

Batch ID: [none]

Preparation Method: EPA 3015A

Prepared By:

YORK Sample ID	Client Sample ID	Preparation Date
25I0439-01	MW-1 20250905	09/17/25
25I0439-01	MW-1 20250905	09/15/25
BATCH-BLK1 (Water)	BLK	
BATCH-BS1 (Water)	BS	
BATCH-DUP1 (Water)	DUP	
BATCH-MS1 (Water)	MS	

Batch ID: BI50554

Preparation Method: EPA SW846-7470A

Prepared By: DBT

YORK Sample ID	Client Sample ID	Preparation Date
25I0439-01	MW-1 20250905	09/09/25
BI50554-BLK1	Blank	09/09/25
BI50554-BLK2	Blank	09/09/25
BI50554-BS1	LCS	09/09/25
BI50554-BS2	LCS	09/09/25

Batch ID: BI50812

Preparation Method: EPA SW846-7470A

Prepared By: DBT

YORK Sample ID	Client Sample ID	Preparation Date
25I0439-01	MW-1 20250905	09/12/25
BI50812-BLK1	Blank	09/12/25
BI50812-BS1	LCS	09/12/25

Batch ID: BI50834

Preparation Method: EPA 3510C

Prepared By: NMB2

YORK Sample ID	Client Sample ID	Preparation Date
25I0439-01	MW-1 20250905	09/12/25
BI50834-BLK1	Blank	09/12/25
BI50834-BS1	LCS	09/12/25
BI50834-BSD1	LCS Dup	09/12/25

Batch ID: BI50835

Preparation Method: EPA 3510C

Prepared By: NMB2

YORK Sample ID	Client Sample ID	Preparation Date
25I0439-01	MW-1 20250905	09/12/25
BI50835-BLK2	Blank	09/12/25
BI50835-BS2	LCS	09/12/25



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BI50834 - EPA 3510C

Blank (BI50834-BLK1)

Prepared: 09/12/2025 Analyzed: 09/14/2025

1,1-Biphenyl	ND	5.00	ug/L
1,2,4,5-Tetrachlorobenzene	ND	5.00	"
1,2,4-Trichlorobenzene	ND	5.00	"
1,2-Dichlorobenzene	ND	5.00	"
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"
1,3-Dichlorobenzene	ND	5.00	"
1,4-Dichlorobenzene	ND	5.00	"
2,3,4,6-Tetrachlorophenol	ND	5.00	"
2,4,5-Trichlorophenol	ND	5.00	"
2,4,6-Trichlorophenol	ND	5.00	"
2,4-Dichlorophenol	ND	5.00	"
2,4-Dimethylphenol	ND	5.00	"
2,4-Dinitrophenol	ND	5.00	"
2,4-Dinitrotoluene	ND	5.00	"
2,6-Dinitrotoluene	ND	5.00	"
2-Chloronaphthalene	ND	5.00	"
2-Chlorophenol	ND	5.00	"
2-Methylnaphthalene	ND	5.00	"
2-Methylphenol	ND	5.00	"
2-Nitroaniline	ND	5.00	"
2-Nitrophenol	ND	5.00	"
3- & 4-Methylphenols	ND	5.00	"
3,3-Dichlorobenzidine	ND	5.00	"
3-Nitroaniline	ND	5.00	"
4,6-Dinitro-2-methylphenol	ND	5.00	"
4-Bromophenyl phenyl ether	ND	5.00	"
4-Chloro-3-methylphenol	ND	5.00	"
4-Chloroaniline	ND	5.00	"
4-Chlorophenyl phenyl ether	ND	5.00	"
4-Nitroaniline	ND	5.00	"
4-Nitrophenol	ND	5.00	"
Acetophenone	ND	5.00	"
Aniline	ND	5.00	"
Benzaldehyde	ND	5.00	"
Benzidine	ND	5.00	"
Benzoic acid	ND	5.00	"
Benzyl alcohol	ND	5.00	"
Benzyl butyl phthalate	ND	5.00	"
Bis(2-chloroethoxy)methane	ND	5.00	"
Bis(2-chloroethyl)ether	ND	5.00	"
Bis(2-chloroisopropyl)ether	ND	5.00	"
Caprolactam	ND	5.00	"
Carbazole	ND	5.00	"
Dibenzofuran	ND	5.00	"
Diethyl phthalate	ND	5.00	"
Dimethyl phthalate	ND	5.00	"
Di-n-butyl phthalate	ND	5.00	"
Di-n-octyl phthalate	ND	5.00	"
Diphenylamine	ND	5.00	"
Hexachlorocyclopentadiene	ND	10.0	"



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BI50834 - EPA 3510C

Blank (BI50834-BLK1)

Prepared: 09/12/2025 Analyzed: 09/14/2025

Isophorone	ND	5.00	ug/L
N-nitroso-di-n-propylamine	ND	5.00	"
N-Nitrosodiphenylamine	ND	5.00	"
Phenol	ND	5.00	"

Surrogate: SURR: 2-Fluorophenol	12.7	"	50.0	25.4	19.7-63.1
Surrogate: SURR: Phenol-d6	7.09	"	50.0	14.2	10.1-41.7
Surrogate: SURR: Nitrobenzene-d5	14.5	"	25.0	58.0	50.2-113
Surrogate: SURR: 2-Fluorobiphenyl	13.0	"	25.0	52.2	39.9-105
Surrogate: SURR: 2,4,6-Tribromophenol	31.9	"	50.0	63.8	39.3-151
Surrogate: SURR: Terphenyl-d14	16.4	"	25.0	65.8	30.7-106

LCS (BI50834-BS1)

Prepared: 09/12/2025 Analyzed: 09/14/2025

1,1-Biphenyl	13.6	5.00	ug/L	25.0	54.5	33-95	
1,2,4,5-Tetrachlorobenzene	15.5	5.00	"	25.0	62.1	26-120	
1,2,4-Trichlorobenzene	11.9	5.00	"	25.0	47.6	20-118	
1,2-Dichlorobenzene	9.35	5.00	"	25.0	37.4	29-111	
1,2-Diphenylhydrazine (as Azobenzene)	16.4	5.00	"	25.0	65.4	16-141	
1,3-Dichlorobenzene	8.95	5.00	"	25.0	35.8	23-117	
1,4-Dichlorobenzene	9.24	5.00	"	25.0	37.0	30-105	
2,3,4,6-Tetrachlorophenol	7.80	5.00	"	25.0	31.2	30-130	
2,4,5-Trichlorophenol	6.67	5.00	"	25.0	26.7	32-114	Low Bias
2,4,6-Trichlorophenol	5.68	5.00	"	25.0	22.7	35-118	Low Bias
2,4-Dichlorophenol	5.56	5.00	"	25.0	22.2	25-116	Low Bias
2,4-Dimethylphenol	15.0	5.00	"	25.0	60.0	15-116	
2,4-Dinitrophenol	ND	5.00	"	25.0		10-170	Low Bias
2,4-Dinitrotoluene	22.7	5.00	"	25.0	90.9	41-128	
2,6-Dinitrotoluene	20.2	5.00	"	25.0	80.8	45-116	
2-Chloronaphthalene	13.2	5.00	"	25.0	52.9	33-112	
2-Chlorophenol	3.96	5.00	"	25.0	15.8	15-120	
2-Methylnaphthalene	11.8	5.00	"	25.0	47.3	24-118	
2-Methylphenol	8.34	5.00	"	25.0	33.4	10-110	
2-Nitroaniline	21.6	5.00	"	25.0	86.4	34-129	
2-Nitrophenol	4.16	5.00	"	25.0	16.6	28-118	Low Bias
3- & 4-Methylphenols	6.15	5.00	"	25.0	24.6	10-107	
3,3-Dichlorobenzidine	21.6	5.00	"	25.0	86.3	15-187	
3-Nitroaniline	15.8	5.00	"	25.0	63.4	24-134	
4,6-Dinitro-2-methylphenol	ND	5.00	"	25.0		10-153	Low Bias
4-Bromophenyl phenyl ether	17.5	5.00	"	25.0	70.1	34-120	
4-Chloro-3-methylphenol	12.5	5.00	"	25.0	50.1	20-120	
4-Chloroaniline	7.86	5.00	"	25.0	31.4	10-147	
4-Chlorophenyl phenyl ether	17.4	5.00	"	25.0	69.6	27-121	
4-Nitroaniline	21.0	5.00	"	25.0	84.0	13-134	
4-Nitrophenol	ND	5.00	"	25.0		10-131	Low Bias
Acetophenone	13.3	5.00	"	25.0	53.0	25-110	
Aniline	3.26	5.00	"	25.0	13.0	10-117	
Benzaldehyde	13.1	5.00	"	25.0	52.4	29-117	
Benzoic acid	ND	5.00	"	25.0		30-130	Low Bias
Benzyl alcohol	8.81	5.00	"	25.0	35.2	10-117	
Benzyl butyl phthalate	20.9	5.00	"	25.0	83.6	29-133	
Bis(2-chloroethoxy)methane	14.0	5.00	"	25.0	56.2	10-154	
Bis(2-chloroethyl)ether	11.2	5.00	"	25.0	44.8	17-125	



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI50834 - EPA 3510C											
LCS (BI50834-BS1)						Prepared: 09/12/2025 Analyzed: 09/14/2025					
Bis(2-chloroisopropyl)ether	11.2	5.00	ug/L	25.0		44.8	10-139				
Caprolactam	3.82	5.00	"	25.0		15.3	10-137				
Carbazole	20.3	5.00	"	25.0		81.0	42-126				
Dibenzofuran	15.8	5.00	"	25.0		63.3	36-113				
Diethyl phthalate	22.0	5.00	"	25.0		88.1	38-115				
Dimethyl phthalate	20.6	5.00	"	25.0		82.5	38-129				
Di-n-butyl phthalate	21.3	5.00	"	25.0		85.1	31-120				
Di-n-octyl phthalate	22.7	5.00	"	25.0		90.9	21-149				
Diphenylamine	19.2	5.00	"	25.0		76.9	40-140				
Hexachlorocyclopentadiene	ND	10.0	"	25.0			10-130	Low Bias			
Isophorone	16.3	5.00	"	25.0		65.2	25-127				
N-nitroso-di-n-propylamine	13.4	5.00	"	25.0		53.6	26-122				
N-Nitrosodiphenylamine	19.4	5.00	"	25.0		77.4	23-149				
Phenol	2.10	5.00	"	25.0		8.40	10-110	Low Bias			
Surrogate: SURR: 2-Fluorophenol	3.58		"	50.0		7.16	19.7-63.1				
Surrogate: SURR: Phenol-d6	2.92		"	50.0		5.84	10.1-41.7				
Surrogate: SURR: Nitrobenzene-d5	11.7		"	25.0		46.9	50.2-113				
Surrogate: SURR: 2-Fluorobiphenyl	11.6		"	25.0		46.4	39.9-105				
Surrogate: SURR: 2,4,6-Tribromophenol	11.2		"	50.0		22.4	39.3-151				
Surrogate: SURR: Terphenyl-d14	17.0		"	25.0		68.2	30.7-106				
LCS Dup (BI50834-BS1)						Prepared: 09/12/2025 Analyzed: 09/14/2025					
1,1-Biphenyl	12.1	5.00	ug/L	25.0		48.4	33-95		12.0	20	
1,2,4,5-Tetrachlorobenzene	12.9	5.00	"	25.0		51.8	26-120		18.2	20	
1,2,4-Trichlorobenzene	9.76	5.00	"	25.0		39.0	20-118		19.8	20	
1,2-Dichlorobenzene	8.11	5.00	"	25.0		32.4	29-111		14.2	20	
1,2-Diphenylhydrazine (as Azobenzene)	15.0	5.00	"	25.0		60.1	16-141		8.48	20	
1,3-Dichlorobenzene	7.50	5.00	"	25.0		30.0	23-117		17.6	20	
1,4-Dichlorobenzene	7.64	5.00	"	25.0		30.6	30-105		19.0	20	
2,3,4,6-Tetrachlorophenol	22.8	5.00	"	25.0		91.0	30-130		97.9	20	Non-dir.
2,4,5-Trichlorophenol	18.4	5.00	"	25.0		73.5	32-114		93.5	20	Non-dir.
2,4,6-Trichlorophenol	16.6	5.00	"	25.0		66.6	35-118		98.2	20	Non-dir.
2,4-Dichlorophenol	14.7	5.00	"	25.0		58.6	25-116		90.0	20	Non-dir.
2,4-Dimethylphenol	15.5	5.00	"	25.0		61.9	15-116		3.15	20	
2,4-Dinitrophenol	6.34	5.00	"	25.0		25.4	10-170		159	20	Non-dir.
2,4-Dinitrotoluene	19.8	5.00	"	25.0		79.4	41-128		13.5	20	
2,6-Dinitrotoluene	18.8	5.00	"	25.0		75.1	45-116		7.39	20	
2-Chloronaphthalene	11.6	5.00	"	25.0		46.5	33-112		12.9	20	
2-Chlorophenol	11.0	5.00	"	25.0		43.8	15-120		93.8	20	Non-dir.
2-Methylnaphthalene	10.2	5.00	"	25.0		40.7	24-118		15.0	20	
2-Methylphenol	11.4	5.00	"	25.0		45.8	10-110		31.4	20	Non-dir.
2-Nitroaniline	20.7	5.00	"	25.0		82.8	34-129		4.21	20	
2-Nitrophenol	12.8	5.00	"	25.0		51.1	28-118		102	20	Non-dir.
3- & 4-Methylphenols	9.95	5.00	"	25.0		39.8	10-107		47.2	20	Non-dir.
3,3-Dichlorobenzidine	19.1	5.00	"	25.0		76.4	15-187		12.2	20	
3-Nitroaniline	17.9	5.00	"	25.0		71.6	24-134		12.2	20	
4,6-Dinitro-2-methylphenol	9.40	5.00	"	25.0		37.6	10-153		122	20	Non-dir.
4-Bromophenyl phenyl ether	15.5	5.00	"	25.0		62.1	34-120		12.1	20	
4-Chloro-3-methylphenol	19.6	5.00	"	25.0		78.3	20-120		44.0	20	Non-dir.
4-Chloroaniline	13.4	5.00	"	25.0		53.6	10-147		52.2	20	Non-dir.
4-Chlorophenyl phenyl ether	16.2	5.00	"	25.0		64.8	27-121		7.08	20	



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BI50834 - EPA 3510C

LCS Dup (BI50834-BSD1)

Prepared: 09/12/2025 Analyzed: 09/14/2025

4-Nitroaniline	19.1	5.00	ug/L	25.0		76.5	13-134		9.42	20	
4-Nitrophenol	9.11	5.00	"	25.0		36.4	10-131		101	20	Non-dir.
Acetophenone	12.4	5.00	"	25.0		49.5	25-110		6.94	20	
Aniline	7.50	5.00	"	25.0		30.0	10-117		78.8	20	Non-dir.
Benzaldehyde	11.5	5.00	"	25.0		45.9	29-117		13.3	20	
Benzoic acid	ND	5.00	"	25.0			30-130	Low Bias		20	
Benzyl alcohol	10.2	5.00	"	25.0		40.9	10-117		14.8	20	
Benzyl butyl phthalate	17.3	5.00	"	25.0		69.3	29-133		18.7	20	
Bis(2-chloroethoxy)methane	13.6	5.00	"	25.0		54.5	10-154		3.03	20	
Bis(2-chloroethyl)ether	10.0	5.00	"	25.0		40.0	17-125		11.2	20	
Bis(2-chloroisopropyl)ether	10.2	5.00	"	25.0		40.9	10-139		9.14	20	
Caprolactam	4.59	5.00	"	25.0		18.4	10-137		18.3	20	
Carbazole	16.7	5.00	"	25.0		67.0	42-126		19.0	20	
Dibenzofuran	14.8	5.00	"	25.0		59.1	36-113		6.93	20	
Diethyl phthalate	19.7	5.00	"	25.0		79.0	38-115		11.0	20	
Dimethyl phthalate	20.0	5.00	"	25.0		80.0	38-129		3.10	20	
Di-n-butyl phthalate	17.7	5.00	"	25.0		70.8	31-120		18.4	20	
Di-n-octyl phthalate	18.4	5.00	"	25.0		73.6	21-149		21.0	20	Non-dir.
Diphenylamine	16.5	5.00	"	25.0		65.8	40-140		15.5	20	
Hexachlorocyclopentadiene	ND	10.0	"	25.0			10-130	Low Bias		20	
Isophorone	16.5	5.00	"	25.0		66.2	25-127		1.52	20	
N-nitroso-di-n-propylamine	13.4	5.00	"	25.0		53.8	26-122		0.372	20	
N-Nitrosodiphenylamine	16.6	5.00	"	25.0		66.4	23-149		15.4	20	
Phenol	5.33	5.00	"	25.0		21.3	10-110		86.9	20	Non-dir.
Surrogate: SURR: 2-Fluorophenol	10.8		"	50.0		21.6	19.7-63.1				
Surrogate: SURR: Phenol-d6	7.33		"	50.0		14.7	10.1-41.7				
Surrogate: SURR: Nitrobenzene-d5	10.5		"	25.0		42.0	50.2-113				
Surrogate: SURR: 2-Fluorobiphenyl	10.8		"	25.0		43.1	39.9-105				
Surrogate: SURR: 2,4,6-Tribromophenol	27.5		"	50.0		55.0	39.3-151				
Surrogate: SURR: Terphenyl-d14	14.5		"	25.0		57.8	30.7-106				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BI50835 - EPA 3510C

Blank (BI50835-BLK2)

Prepared & Analyzed: 09/12/2025

Acenaphthene	ND	0.0500	ug/L
Acenaphthylene	ND	0.0500	"
Anthracene	ND	0.0500	"
Atrazine	ND	0.500	"
Benzo(a)anthracene	ND	0.0500	"
Benzo(a)pyrene	ND	0.0500	"
Benzo(b)fluoranthene	ND	0.0500	"
Benzo(g,h,i)perylene	ND	0.0500	"
Benzo(k)fluoranthene	ND	0.0500	"
Bis(2-ethylhexyl)phthalate	ND	0.500	"
Chrysene	ND	0.0500	"
Dibenzo(a,h)anthracene	ND	0.0500	"
Fluoranthene	ND	0.0500	"
Fluorene	ND	0.0500	"
Hexachlorobenzene	ND	0.0200	"
Hexachlorobutadiene	ND	0.500	"
Hexachloroethane	ND	0.500	"
Indeno(1,2,3-cd)pyrene	ND	0.0500	"
Naphthalene	ND	0.0500	"
Nitrobenzene	ND	0.250	"
N-Nitrosodimethylamine	ND	0.500	"
Pentachlorophenol	ND	0.250	"
Phenanthrene	ND	0.0500	"
Pyrene	ND	0.0500	"

LCS (BI50835-BS2)

Prepared & Analyzed: 09/12/2025

Acenaphthene	0.430	0.0500	ug/L	1.00	43.0	25-116	
Acenaphthylene	0.580	0.0500	"	1.00	58.0	26-116	
Anthracene	0.510	0.0500	"	1.00	51.0	25-123	
Benzo(a)anthracene	0.710	0.0500	"	1.00	71.0	33-125	
Benzo(a)pyrene	0.660	0.0500	"	1.00	66.0	32-132	
Benzo(b)fluoranthene	0.740	0.0500	"	1.00	74.0	22-137	
Benzo(g,h,i)perylene	0.560	0.0500	"	1.00	56.0	10-138	
Benzo(k)fluoranthene	0.620	0.0500	"	1.00	62.0	20-137	
Bis(2-ethylhexyl)phthalate	1.08	0.500	"	1.00	108	10-189	
Chrysene	0.580	0.0500	"	1.00	58.0	32-124	
Dibenzo(a,h)anthracene	0.670	0.0500	"	1.00	67.0	16-133	
Fluoranthene	0.660	0.0500	"	1.00	66.0	32-121	
Fluorene	0.550	0.0500	"	1.00	55.0	28-118	
Hexachlorobenzene	0.560	0.0200	"	1.00	56.0	23-124	
Hexachlorobutadiene	ND	0.500	"	1.00		15-123	Low Bias
Hexachloroethane	0.640	0.500	"	1.00	64.0	18-115	
Indeno(1,2,3-cd)pyrene	0.600	0.0500	"	1.00	60.0	15-135	
Naphthalene	0.370	0.0500	"	1.00	37.0	18-120	
Nitrobenzene	0.350	0.250	"	1.00	35.0	21-121	
N-Nitrosodimethylamine	ND	0.500	"	1.00		10-124	Low Bias
Pentachlorophenol	0.620	0.250	"	1.00	62.0	10-156	
Phenanthrene	0.490	0.0500	"	1.00	49.0	24-127	
Pyrene	0.590	0.0500	"	1.00	59.0	31-132	



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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BI50554 - EPA SW846-7470A

Blank (BI50554-BLK1)

Prepared & Analyzed: 09/09/2025

Mercury - Dissolved ND 0.0002 mg/L

Blank (BI50554-BLK2)

Prepared & Analyzed: 09/09/2025

Mercury - Dissolved ND 0.0002 mg/L

LCS (BI50554-BS1)

Prepared & Analyzed: 09/09/2025

Mercury - Dissolved 0.0020 0.0002 mg/L 0.00200 102 80-120

LCS (BI50554-BS2)

Prepared & Analyzed: 09/09/2025

Mercury - Dissolved 0.0020 0.0002 mg/L 0.00200 100 80-120

Batch BI50812 - EPA SW846-7470A

Blank (BI50812-BLK1)

Prepared & Analyzed: 09/12/2025

Mercury ND 0.0002 mg/L

LCS (BI50812-BS1)

Prepared & Analyzed: 09/12/2025

Mercury 0.0019692 0.0002 mg/L 0.00200 98.5 80-120





Sample and Data Qualifiers Relating to This Work Order

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)

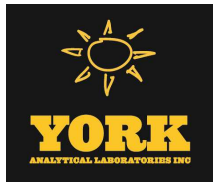
Definitions and Other Explanations

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

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

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

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



Certification for pH is no longer offered by NYDOH ELAP.

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

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