



70 Vantage Point Dr, Ste 1
Rochester, NY 14624-1141
P 585-247-3471

Terracon.com

November 24, 2025

New York State Department of Environmental Conservation
Division of Environmental Remediation
Remedial Bureau C
625 Broadway, 12th Floor
Albany, New York 12233-7014

Attn: Greta Kowalski, P.G. – Project Manager
P: (518) 402-2029
E: greta.kowalski@dec.ny.gov

RE: Monthly Progress Report – November 2025
Brownfield Cleanup Program
Westchester County Airport Site No. C360174
240 Airport Road, West Harrison, New York 10604
Terracon Project No. JA257006

Dear Ms. Kowalski:

Terracon Consultants-NY, Inc. (Terracon) has prepared this Monthly Progress Report summarizing work performed for the month of November 2025 at the Westchester County Airport (HPN) site located in West Harrison, New York ("site"). Remedial activities are being performed at the site under the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP).

Activities for this Reporting Period

The following work is currently in progress. Refer to **Appendix A** for a full schedule of proposed and completed work. Site locations and diagrams are presented in attached **Appendix B**.

1.) Interim Site Management Plan (ISMP)

- a. The NYSDEC issued a formal acceptance letter of the final version of the ISMP on June 25, 2025. As future projects are planned or if site conditions change, the ISMP will be revised and submitted to the Department for review and approval.

2.) Outfall OF-7

- a. Treatment system Operations, Monitoring, and Maintenance (OMM) have continued since the last reporting period.
- b. Twice-per-month treatment system sampling was performed on October 8, 2025 and October 29, 2025. Refer to the Outfall OF-7 Treatment System Process

Schematic in **Appendix B** displaying treatment system sample locations/labeling.

- c. As of the date of this report, approximately 1,575,000 gallons of combined stormwater/groundwater have been pumped from the sump in Outfall OF-7 and processed by the on-site treatment system.
- d. A summary table of results received through the October 29, 2025 treatment system sampling is presented in Table 1, **Appendix C**. Current period laboratory analytical reports can be found in **Appendix E**.
- e. The discharge of treated water from the OF-7 Treatment System is sampled for the site's SPDES parameters for Outfall OF-7 on a monthly basis.
- f. Surface water samples were obtained on October 8, 2025 from the following locations:
 - OF-7 Pipe: sample collected from the pipe of the storm drain prior to discharge into the Outfall OF-7 basin
 - OF-7 Pool: sample collected from surface water in the OF-7 basin downstream of the weir receiving the treated system discharge
 - OF-7 Grate: sample of surface water from within the system grate, just south of Airport Road
 - OF-7A: sample of surface water at designated location, just to the north of Airport Road
 - E-10: sample of surface water from DEC-established sampling location furthest downstream from the site.

The samples were analyzed for PFAS via EPA Method 1633. Analytical results are in **Appendix E**. A summary of the noted surface water PFOA/PFOS historical sampling data is presented in Table 2 and along with select trend charts and the surface water sampling analytical reports, included in **Appendix C**.

3.) Construction /Capital Improvement Projects

- a. IRM Work Plan for HVAC Upgrades (HVAC Work Plan)
 - i. The NYSDEC issued a formal letter of acceptance on July 3, 2025.
 - ii. Excavation activities for the concrete pad construction and HVAC system installation began on 8/18/25 and were completed on 8/22/2025.
 - iii. A total of six soil samples were collected from the limits of the excavation during construction activities. Refer to previous Monthly reports for HVAC data and results.
 - iv. Based on favorable soil sample analytical results, a request for on-site Beneficial Use for the approximate 50 cubic yards of excess soil

generated during the project is anticipated within the next week. Soil management documentation will be provided upon completion.

- v. A Construction Completion Report (CCR) will be prepared when site activities for the HVAC Upgrade are complete.
- b. Runway 16/34 Shoulders and Edge Lighting Rehabilitation (Runway Shoulders Project)
 - i. Project is associated with FAA grant requirements; construction is scheduled for Spring 2026. The project in general includes widening both runway shoulders by approximately 20 feet.
 - ii. NYSDEC issued a formal letter of acceptance for the IRM Work plan on September 4th, 2025.
 - iii. Fieldwork took place from 10/20/25 to 10/25/25.
 - iv. Fourteen soil borings were completed with samples collected in general accordance with the approved Workplan. Refer to **Appendix D** for soil sample results.
 - v. Findings/conclusions and recommendations for soil management are anticipated for submittal to NYSDEC before the end of December 2025.
- c. Snow Removal Equipment Building at Building 10 (SRE Building)
 - i. An IRM work plan for pre-construction site characterization was provided on October 6, 2025 and remains with NYSDEC for review.
 - ii. Construction is anticipated in May 2026.
- d. Infrastructure Improvements for Gas Main Extension.
 - i. Construction is anticipated to start in April 2026.
 - ii. An IRM Work Plan is in progress and is expected to be provided to NYSDEC by mid-December 2025.

4.) Building 10 / Burn Pit Area

- a. An overview of Terracon's initial phase of further remedial investigations for this area of concern (AOC) was discussed with NYSDEC on November 4, 2025.
 - i. An IRM Work Plan is in progress and is expected to be provided to NYSDEC by mid-December 2025.

5.) Outfall OF-4

- a. The Airport and Terracon are planning to conduct quarterly PFAS sampling via EPA Method 1633A at Outfall OF-4 and from within the surface water at the HPN property approximately 400-feet downstream of Outfall OF-4.

- b. A brief letter/planned work plan and schedule are anticipated to be provided to NYSDEC by mid-December 2025.

6.) MW-13R PlumeStop Injection Testing

- a. A brief letter/planned work plan and schedule are anticipated to be provided to NYSDEC by mid-December 2025 for the re-assessment of groundwater quality in the vicinity of FMW-13R and PlumeStop injection site.

Modificatons to Approved Work Plans

Terracon will incorporate previous IRM findings and utilize the information to generate new work plan submittals.

Terracon received the April 2025 semi-annual groundwater sampling results which will be incorporated into the planning/evaluation for further site characterization.

Remedial Investigation Work Plan (RIWP): with concurrence from discussion with NYSDEC representatives, and in consideration of upcoming capital improvement work, the approved RI work plan from March 2024 will be completed in a phased approach to incorporate the multiple work areas of upcoming capital improvement/construction projects at the airport.

Sample Collection and Analytical Data

A summary of the sampling activities performed during this period is provided below. Results are summarized in respective sections and appendices of this Monthly Report. **Appendices E & F** list all analytical reports.

1. Outfall OF-7 IRM

- a. A summary table of results through the October 29, 2025 treatment system sampling is presented in Table 1, and current period laboratory analytical reports (**Appendix C & E**).
- b. The discharge of treated water from the OF-7 Treatment System is sampled for the site's SPDES parameters for Outfall OF-7 on a monthly basis. The results of the SPDES-related parameters are also included in **Appendix C**.
- c. A summary of the PFOA/PFOS results from surface water sampling compared to historical sampling data is presented in Table 2 and along with select trend charts and the surface water sampling analytical reports, included in **Appendix C**.

2. HVAC Upgrades

- a. Sample results from the soil boring sampling locations and excavation/spoils stockpile sampling have been reported in previous monthly status reports.

3. Runway 16/34 Shoulders and Edge Lighting Rehabilitation (Runway Shoulders Project)

- a. Fourteen soil borings were completed with samples collected in general accordance with the approved Workplan. Refer to **Appendix D** for soil sample results, and **Appendix F** for laboratory analytical reports.

Problems or Delays in Implementation of Remedial Work or Schedule / Corrective Actions

Deliverables are being prioritized in collaboration with NYSDEC and will be provided as completed. Status of activities will be provided each month via these Monthly Reports.

CAMP Observations

Air particulate monitoring in accordance with the CAMP was completed during ground intrusive work performed on October 20-25, 2025 for the Runway Shoulders Project. There were no above-background VOC levels as measured with a PID, no visible particulate/dust generated, and concentrations at both Upwind and Downwind locations did not exceed more than 0.023 mg/m³. Refer to **Appendix B – Exhibit 4** for an overview of the air monitoring locations, and **Appendix D** for all air particulate monitoring readings.

Planned Activities for Next Month

1. OF-7 IRM: Continued Operation, Maintenance, Monitoring and Sampling of the OF-7 IRM Treatment System.
 - a. Winterizing of OF-7 system
2. HVAC Work Plan: Construction Completion Report.
3. Submittal of IRM work plans for:
 - a. Building 10 / Burn Pit Area
 - b. Gas Main Extension
 - c. WJWW – IRM work plan(s) are being prepared and submitted by WJWW and its consultants

For activities not described above, Terracon will provide a 10-calendar day prior notice for planned field activities.

We appreciate the opportunity to provide this progress report. If you have any questions or comments, please give us a call.

Sincerely,

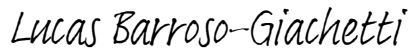
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April Gasparri, Westchester County
Brian Hegt, Westchester County
Francisco Tejada, Westchester County Airport
John Inserra, Westchester County Airport
Nadine Zeidan, Westchester County Airport
K. Thompson, NYSDEC
S. Saucier, NYSDEC
M. Doroski, NYSDOH
K. Kulow, NYSDOH

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Appendix A

Remedial Work Schedule

Remedial Action Schedule

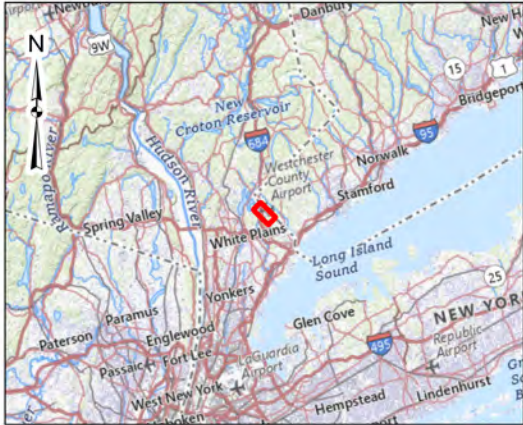
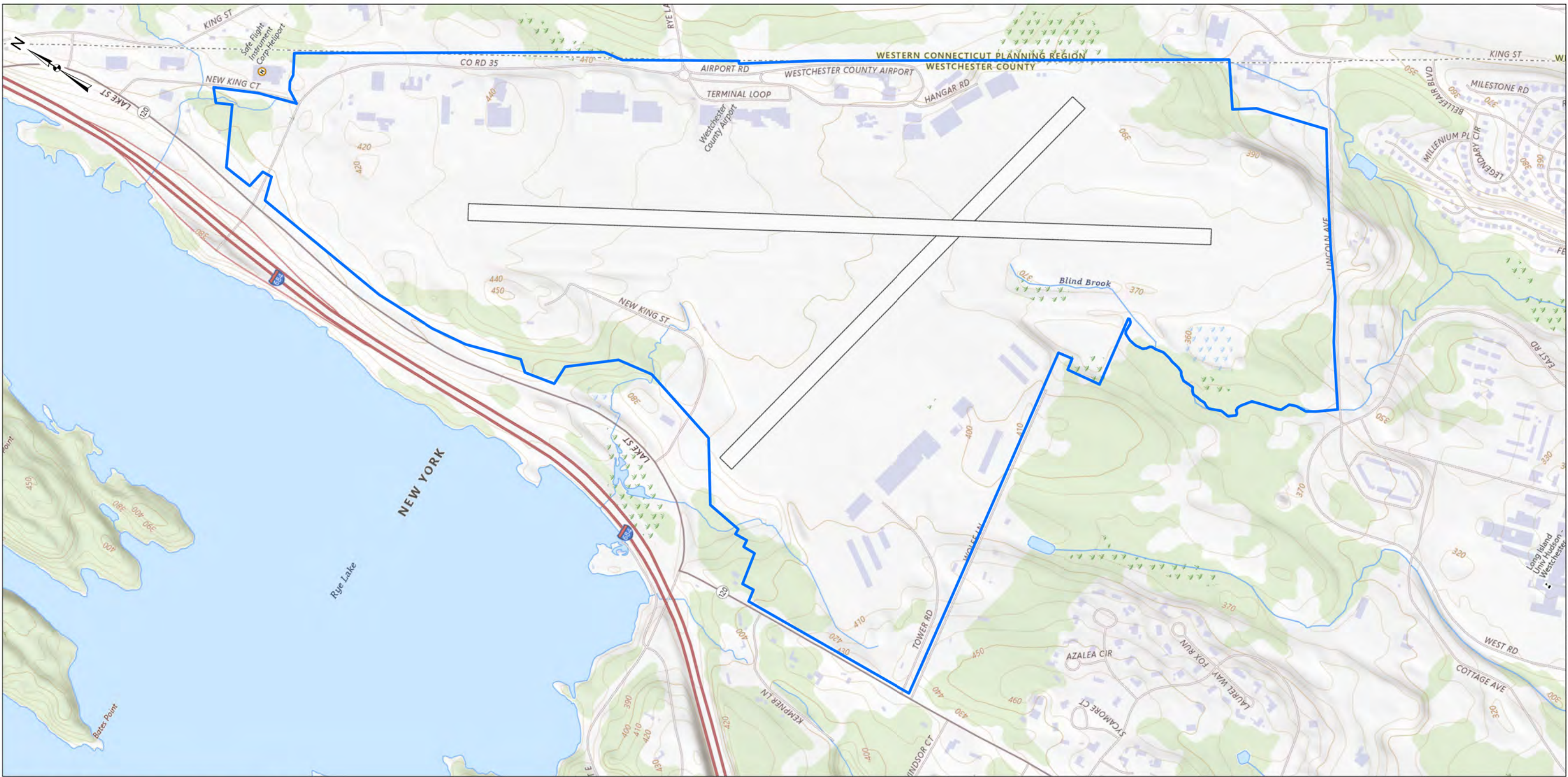
Milestone / Deliverable	Anticipated Due Date	Submitted	Returned
1 - DRAFT Interim Site Management Plan	3/17/2025	3/19/25	5/13/25
Address Comments and Resubmit	6/1/2025	6/13/25	N/A
Conditional Approval	6/25/25		
2 - DRAFT IRM WP Update for Outfall OF-7		3/25/25	4/10/25
Address comments and Re-submit	4/25/25	4/25/25	5/13/2025
Mobilization of Equipment	4/30/25	5/13/25	N/A
Installation and Start-up	Week of 5/19/2025	N/A	N/A
System OMM and Reporting	Monthly per IRM WP		
3a - DRAFT IRM WP for HVAC Concrete Pad	5/1/25	5/16/25	6/16/2025
Address Comments and Resubmit	6/18/2025	6/18/25	7/3/25
DEC Acceptance	7/3/25		
Soil Investigation	7/8/25	7/9/25	N/A
HVAC Construction	8/18/25	N/A	N/A
Construction Completion Report	TBD		
3b - DRAFT IRM WP for Runway Shoulder Installation	7/1/25	7/16/25	8/14/25
Address Comments and Resubmit	8/31/25	8/29/25	N/A
DEC Acceptance	9/4/25		
Soil Investigation	10/20/25		
Runway Construction	April 2026		
3c - DRAFT IRM WP for SRE Building	10/15/2025	10/6/2025	
DEC Acceptance			
Soil Investigation	TBD		
SRE Construction	Spring 2026		
3d – Natural gas line installation IRM WP	12/15/25		
Natural gas line construction	EST Q2 2026		
4 – DRAFT Building 10/Burn Pit Area IRM WP	12/15/25		
5 – DRAFT Outfall OF-4 IRM WP	TBD		
6 – WJWW Sewer Line on Site property IRM WP	TBD		
DRAFT Stormwater Prevention Plan (SWPP)	WJWW 7/18/25	NLT 8/1/25	



Milestone / Deliverable	Anticipated Due Date	Submitted	Returned
Sewer line construction	EST Q2 2026		

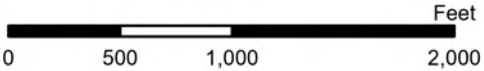
Appendix B

Figures



Legend
BCP Site Boundary

DATA SOURCES:
ESRI Basemaps
Westchester County GeoHub
New York DEC - Remediation Site Boundaries



Project No.:
JA257006
Date:
Sep 2025
Drawn By:
HPM
Reviewed By:



70 Vantage Point Dr, Ste 1
Rochester, NY

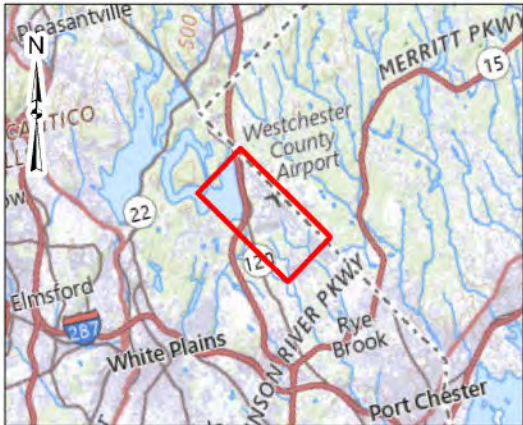
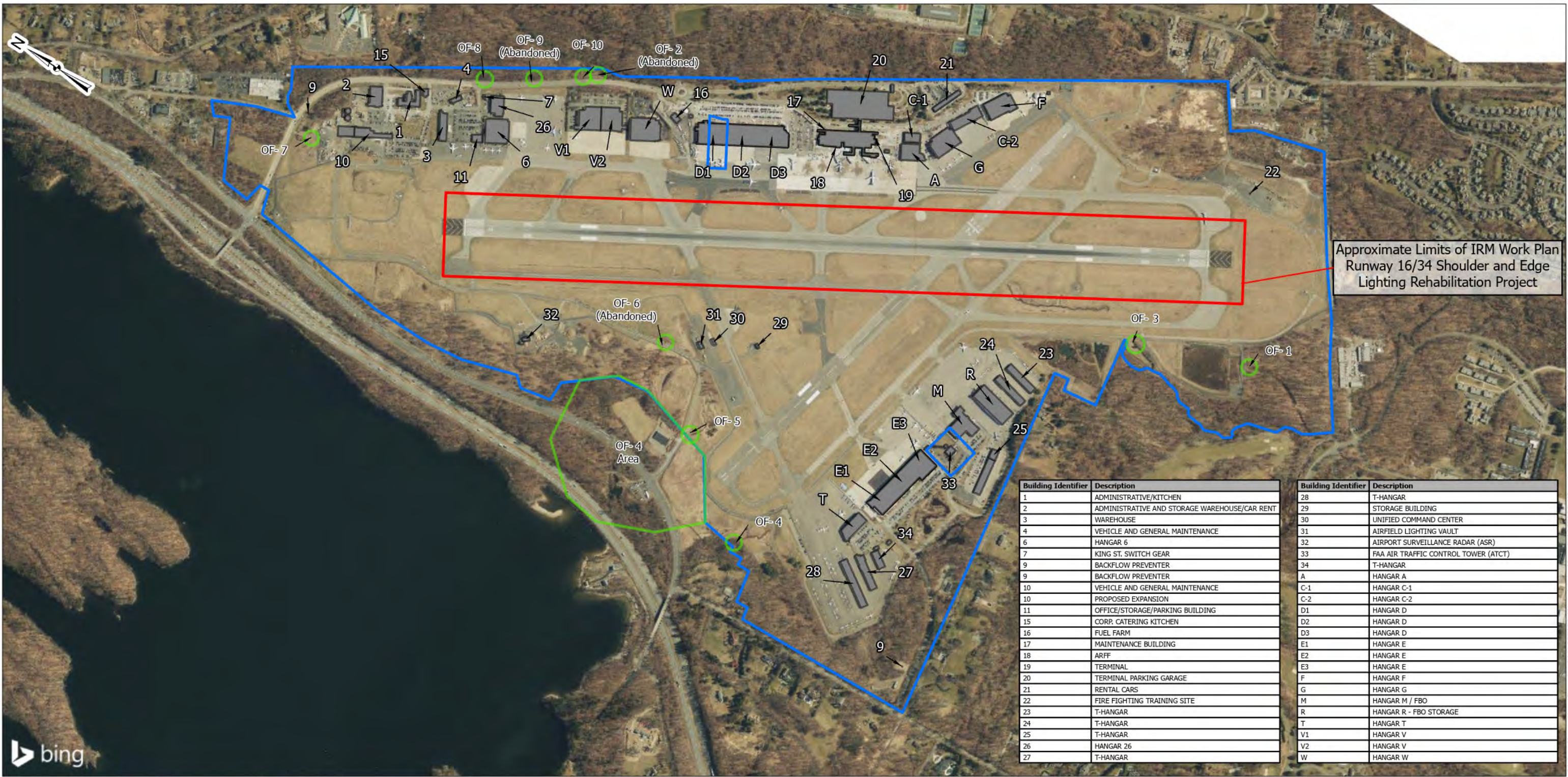
PH. 585-247-3471 terracon.com

Topographic Map

Westchester County Airport
West Harrison, New York

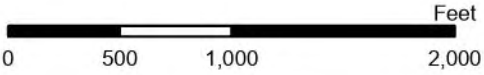
Exhibit

1



- Legend**
- BCP Site Boundary
 - SPDES Outfall
 - Buildings

DATA SOURCES:
Westchester County GeoHub
NYSDEC - BCP Site Boundary



Project No.:
JA257006
Date:
May 2025
Drawn By:
HPM
Reviewed By:

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Site Diagram

Westchester County Airport
West Harrison, New York

Exhibit

2



Legend

- BCP Site Boundary
- SPDES Outfall
- Outfall-7 (OF-7) and Adjacent Locations

DATA SOURCES:
ESRI Basemaps
Westchester County GeoHub
New York DEC - Remediation Site Boundaries



Project No.:
JA257006
Date:
Oct 2025
Drawn By:
HPM
Reviewed By:

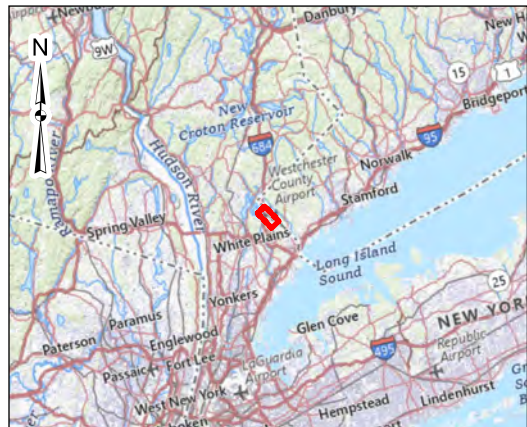


Outfall-7 (OF-7) Site Diagram

Westchester County Airport
West Harrison, New York

Exhibit

3



Legend

- BCP Site Boundary
- Disturbance Areas
- Taxiway H demo area
- CAMP Locations

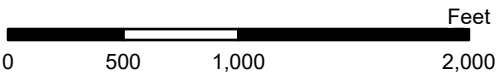
- Work Area 1
- Work Area 2
- Work Area 3
- Work Area 4
- Work Area 5

- Proposed Sampling Advancement
- Original Proposed Depth
 - To Groundwater

DATA SOURCES:
ESRI Basemaps
Westchester County GeoHub
New York DEC - Remediation Site Boundaries

Project No.:
JA257006
Date:
Nov 2025
Drawn By:
HPM
Reviewed By:

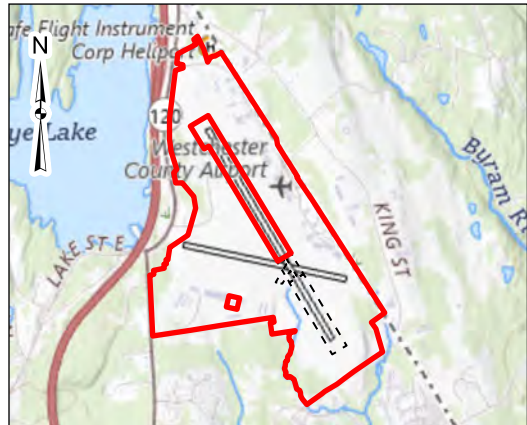
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Runway 16/34 Shoulder and Edge Lighting Rehabilitation Remedial Investigation Soil Boring Locations
Westchester County Airport
West Harrison, New York

Exhibit

4



Legend

- BCP Site Boundary
- Disturbance Areas
- Taxiway H demo area
- CAMP Locations
- Work Area 1
- Work Area 2
- Work Area 4
- Work Area 5

Proposed Sampling

Advancement

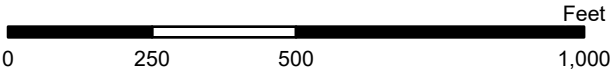
- Original Proposed Depth
- To Groundwater

Disturbance Area (Work Area 1)
Square Feet: 267,609.41
Acres: 6.14

DATA SOURCES:
ESRI Basemaps
Westchester County GeoHub
New York DEC - Remediation Site Boundaries

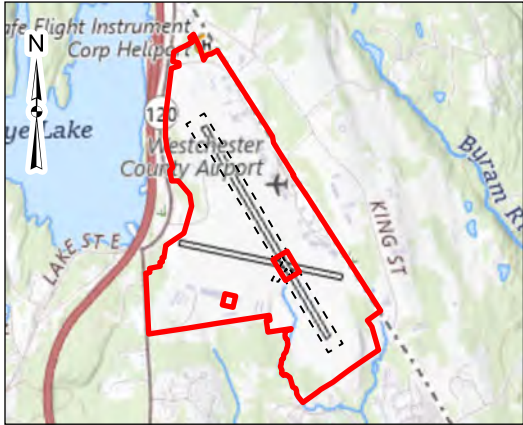
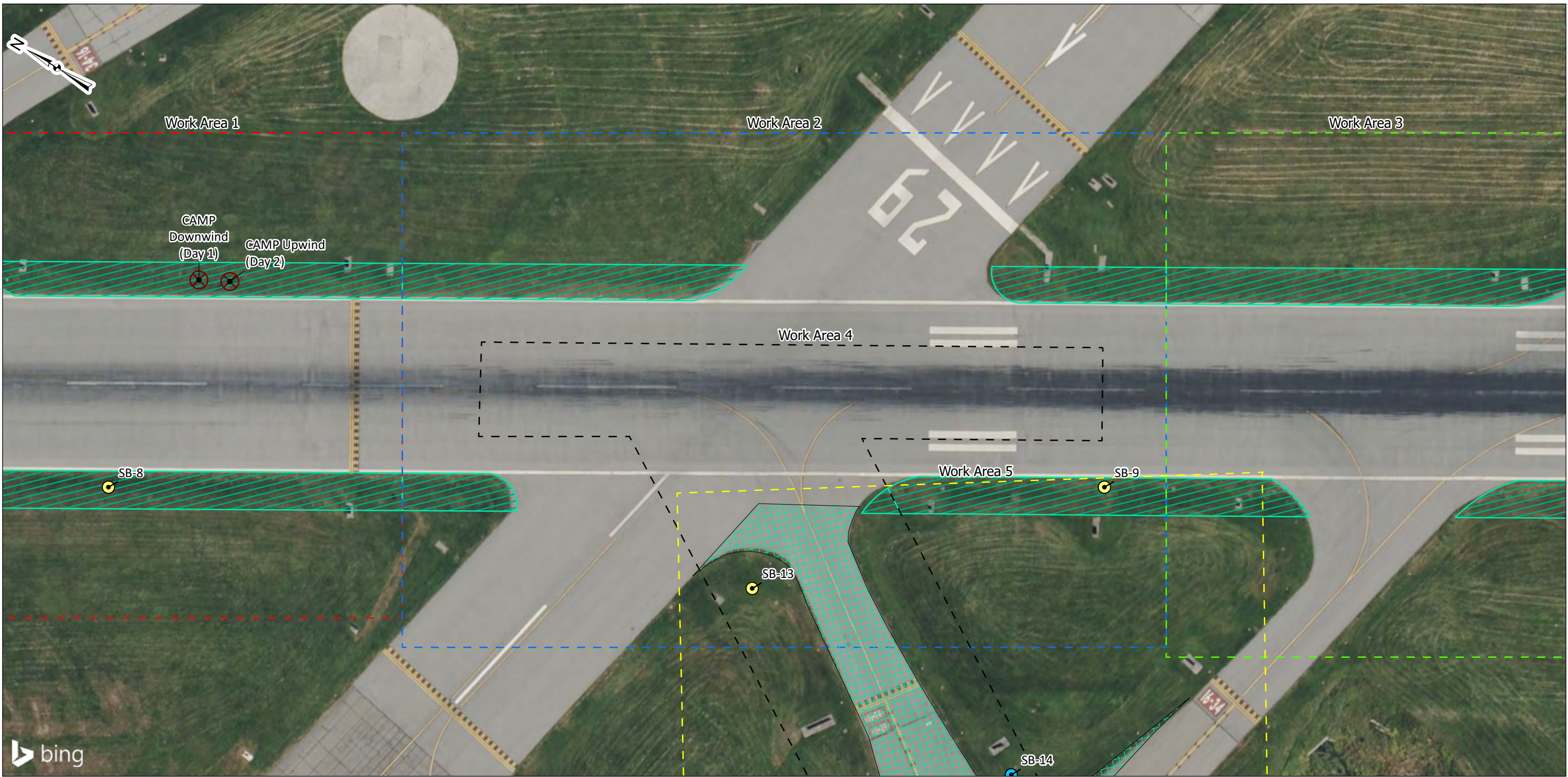
Project No.:
JA257006
Date:
Nov 2025
Drawn By:
HPM
Reviewed By:

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Proposed Soil Borings - Beneficial Reuse
Work Area 1 Westchester County Airport West Harrison, New York

Exhibit
5-1



Legend

- BCP Site Boundary
- Disturbance Areas
- Taxiway H demo area
- CAMP Locations
- Work Area 1
- Work Area 2
- Work Area 3
- Work Area 4
- Work Area 5

Proposed Sampling

Advancement

- Original Proposed Depth
- To Groundwater

Disturbance Area (Work Area 2)
Square Feet: 23,194.50
Acres: 0.53

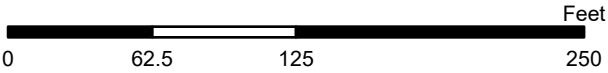
DATA SOURCES:
ESRI Basemaps
Westchester County GeoHub
New York DEC - Remediation Site Boundaries

Project No.:	JA257006
Date:	Nov 2025
Drawn By:	HPM
Reviewed By:	

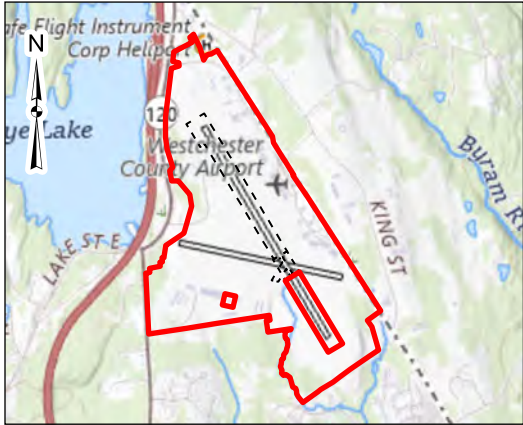


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Proposed Soil Borings - Beneficial Reuse	Exhibit
Work Area 2 Westchester County Airport West Harrison, New York	5-2



Legend

- BCP Site Boundary
- Disturbance Areas
- Taxiway H demo area
- CAMP Locations
- Work Area 2
- Work Area 3
- Work Area 4
- Work Area 5

- Proposed Sampling Advancement**
- Original Proposed Depth
 - To Groundwater

Disturbance Area (Work Area 3)
Square Feet: 104,662.09
Acres: 2.40

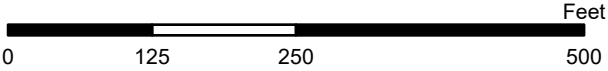
DATA SOURCES:
ESRI Basemaps
Westchester County GeoHub
New York DEC - Remediation Site Boundaries

Project No.:	JA257006
Date:	Nov 2025
Drawn By:	HPM
Reviewed By:	



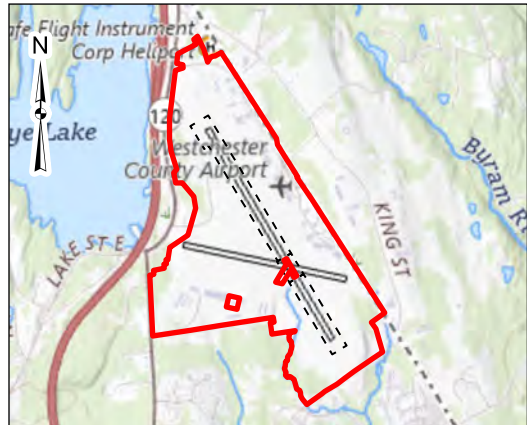
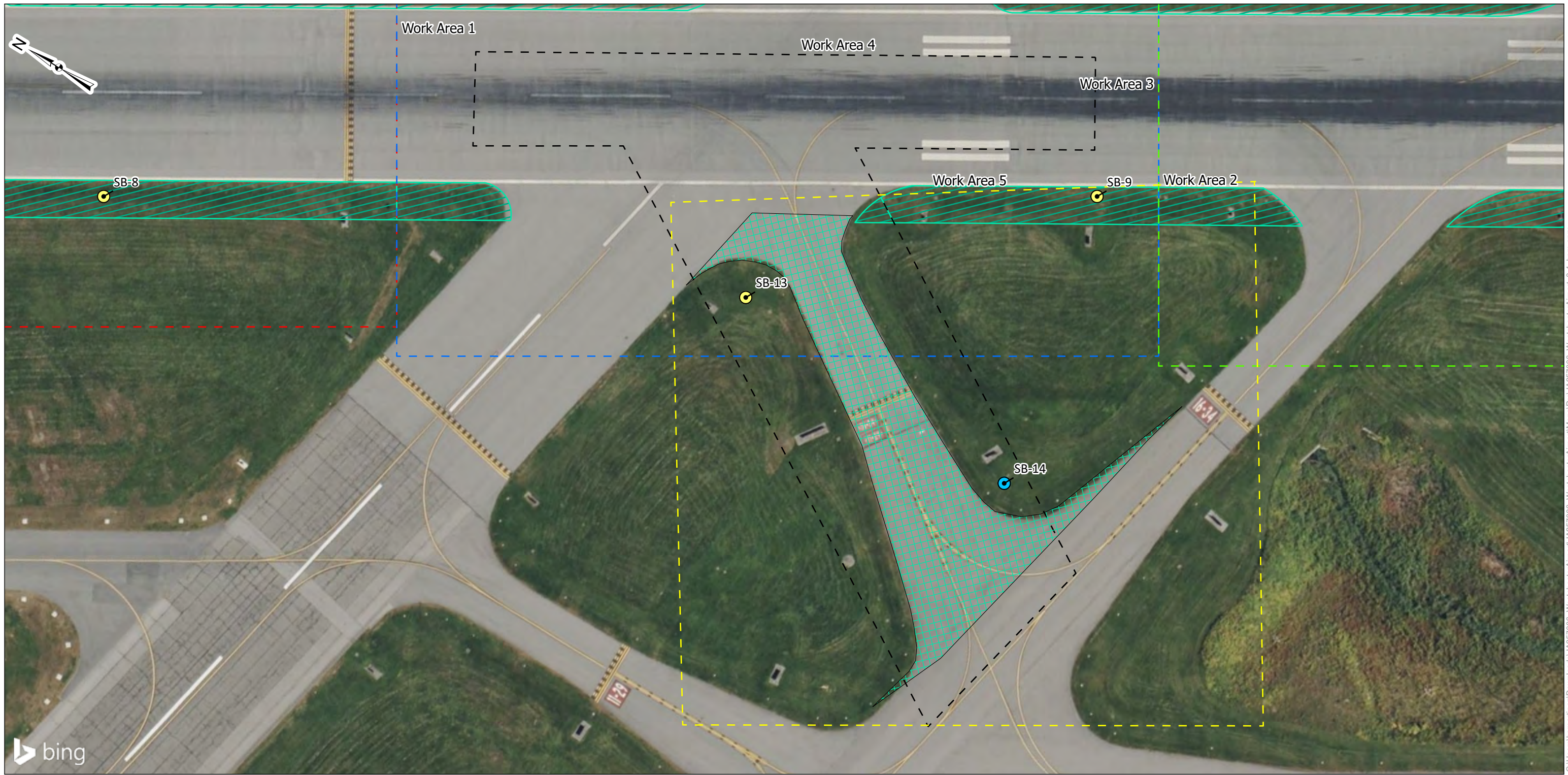
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Proposed Soil Borings - Beneficial Reuse
Work Area 3 Westchester County Airport West Harrison, New York

Exhibit
5-3



Legend

- BCP Site Boundary
- Disturbance Areas
- Taxiway H demo area
- CAMP Locations
- Work Area 1
- Work Area 2
- Work Area 3
- Work Area 4
- Work Area 5

Proposed Sampling

Advancement

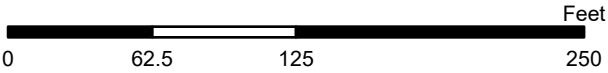
- Original Proposed Depth
- To Groundwater

Disturbance Area (Work Area 4)
Square Feet: 391.58
Acres: 0.01

DATA SOURCES:
ESRI Basemaps
Westchester County GeoHub
New York DEC - Remediation Site Boundaries

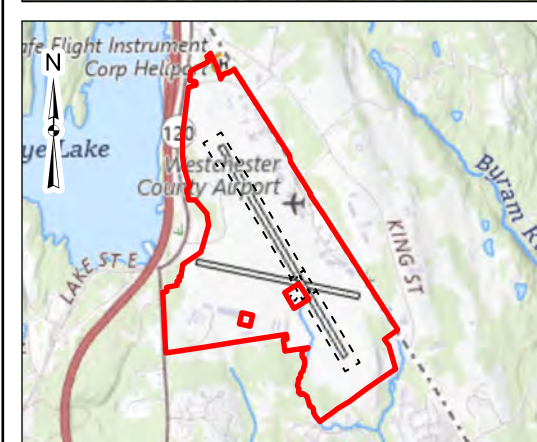
Project No.:
JA257006
Date:
Nov 2025
Drawn By:
HPM
Reviewed By:

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Rochester, NY
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Proposed Soil Borings - Beneficial Reuse
Work Area 4 Westchester County Airport West Harrison, New York

Exhibit
5-4



Legend

- BCP Site Boundary
- Disturbance Areas
- Taxiway H demo area
- CAMP Locations
- Work Area 1
- Work Area 2
- Work Area 3
- Work Area 4
- Work Area 5

Proposed Sampling Advancement

- Original Proposed Depth
- To Groundwater

Disturbance Area (Work Area 5)
Square Feet: 31,509.04
Acres: 0.72

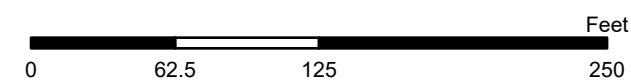
DATA SOURCES:
ESRI Basemaps
Westchester County GeoHub
New York DEC - Remediation Site Boundaries

Project No.:	JA257006
Date:	Nov 2025
Drawn By:	HPM
Reviewed By:	



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Rochester, NY

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Proposed Soil Borings - Beneficial Reuse	Exhibit
Work Area 5 Westchester County Airport West Harrison, New York	5-5

Outfall OF-7 Treatment System Process Schematic
Westchester County Airport / NYSDEC BCP Site No. C360174
240 Airport Road, West Harrison, New York 10604

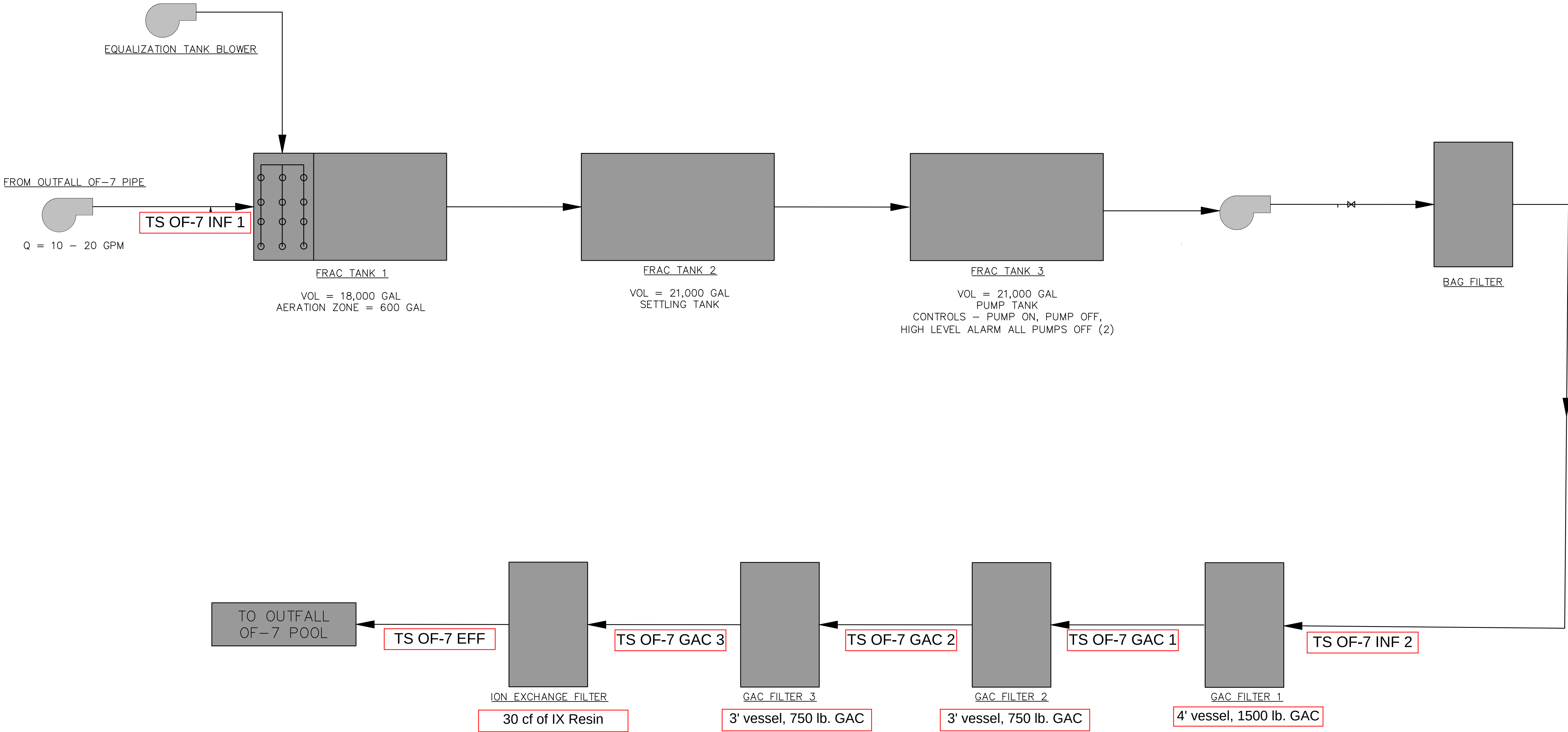


Exhibit 6

PROCESS FLOW DIAGRAM

SHEET TITLE:

PROJECT TITLE:
WESTCHESTER AIRPORT PFAS TREATMENT
WESTCHESTER COUNTY AIRPORT
HARRISON, NY

REVISIONS:

NO.	DATE	DESCRIPTION	BY:

CIVIL ENGINEERING AND ENVIRONMENTAL SERVICES 3612 SOUTH SHACKLEFORD RD LITTLE ROCK, ARKANSAS 72206 PH: (501) 221-7122 FX: (501) 221-7775			
DESIGNED BY:	DATE:	SCALE:	N.T.S.
DRAWN BY:	JAM		
CHECKED BY:	BJW		



JOB NUMBER:
J2257015

Appendix C

Outfall-7 (OF-7) Treatment System Tables

Table 1
Summary of Outfall OF-7 Treatment System Sampling Results
Westchester County Airport / NYSDEC BCP Site No. C360174
240 Airport Road, West Harrison, New York 10604

values in nanograms per Liter (ng/L), ppt					
Groundwater / Human Health Criteria ¹		6.7	2.7	N/A	350
Sample Location	Date	PFOA	PFOS	Total PFAS ²	1-4 dioxane
Influent	6/2/2025	395	2,430	5,664	ND < 300
	6/16/2025	449	2840	6,376	ND < 300
	6/24/2025	681	3760	7,606	ND < 300
	7/10/2025	309	1470	3,527	NA
	7/21/2025	524	3500	7,227	ND < 300
	8/14/2025	553	2460	5,629	ND < 300
	8/26/2025	628	2920	5,949	ND < 300
	9/10/2025	538	2370	3,013	NA
	9/24/2025	719	3410	6,854	NA
	10/8/2025	31.2	276	498	NA
	10/29/2025	NS	NS	NS	NA
Effluent	5/22/2025	ND < 0.429	ND < 0.838	#REF!	ND < 300
	6/2/2025	ND < 0.398	ND < 0.776	#REF!	ND < 300
	6/16/2025	ND < 0.423	ND < 0.826	#REF!	ND < 300
	6/24/2025	ND < 0.423	ND < 0.826	ND	NA
	7/10/2025	NA	NA	NA	NA
	7/21/2025	ND < 0.765	1.51	4.06	NA
	8/14/2025	ND < 0.923	ND < 0.702	ND	NA
	8/26/2025	ND < 0.955	ND < 0.726	ND	ND < 300
	9/10/2025	ND < 1.00	ND < 0.762	ND	NA
	9/24/2025	ND < 0.903	ND < 0.686	ND	NA
	10/8/2025	ND < 0.919	ND < 0.699	1.68	NA
	10/29/2025	ND < 1.01	ND < 0.771	ND	NA
Notes	PFAS analyses via EPA Method 1633A; 1-4 dioxane analyses via EPA Method 8270				
1	NYSDEC has adopted ambient water quality guidance values for PFOA and PFOS of 6.7 ng/l (ppt) for PFOA and 2.7 ng/l (ppt) for PFOS, respectively. These human health criteria should also be applied to surface water that is used as a water supply.				
2	"Total PFAS" is a summation of target PFAS analytes via EPA Method 1633A				
Bold values	indicate compound detected above the analytical method reporting limit (RL)				
Shaded values	indicate compound detection above one/more NYSDEC criteria listed above				
ND	indicates compound not detected above the analytical method reporting level (RL)				
NA	compound not analyzed				

Table 2
Trend of Surface Water Sampling Results @ Outfall OF-7
Westchester County Airport / NYSDEC BCP Site No. C360174
240 Airport Road, West Harrison, New York 10604

values in nanograms per Liter (ng/L), ppt			
Groundwater / Human Health Criteria ¹		6.7	2.7
Sample Location	Date	PFOA	PFOS
OF-7 Pool	8/10/2023	553	1680
	8/23/2023	383	1530
	5/14/2025	52	505
	7/21/2025	3.3	18
	8/26/2025	ND < 0.963	1.6
	10/8/2025	23	172
			rain event
OF-7 Grate		PFOA	PFOS
	8/10/2023	438	2740
	8/23/2023	360	3340
	5/14/2025	83.3	757
	7/21/2025	11	70
	8/26/2025	5.2	42
	10/8/2025	21.6	159
			rain event
OF-7A		PFOA	PFOS
	8/10/2023	409	1770
	8/23/2023	335	2280
	5/14/2025	74	554
	7/21/2025	33	440
	8/26/2025	16.1	180
	10/8/2025	26.8	196
			rain event
E-10		PFOA	PFOS
	10/26/2022	183	791
	12/28/2022	121	604
	4/18/2023	135	532
	7/21/2025	33	234
	8/26/2025	26	190
	10/8/2025	27.9	175
			rain event

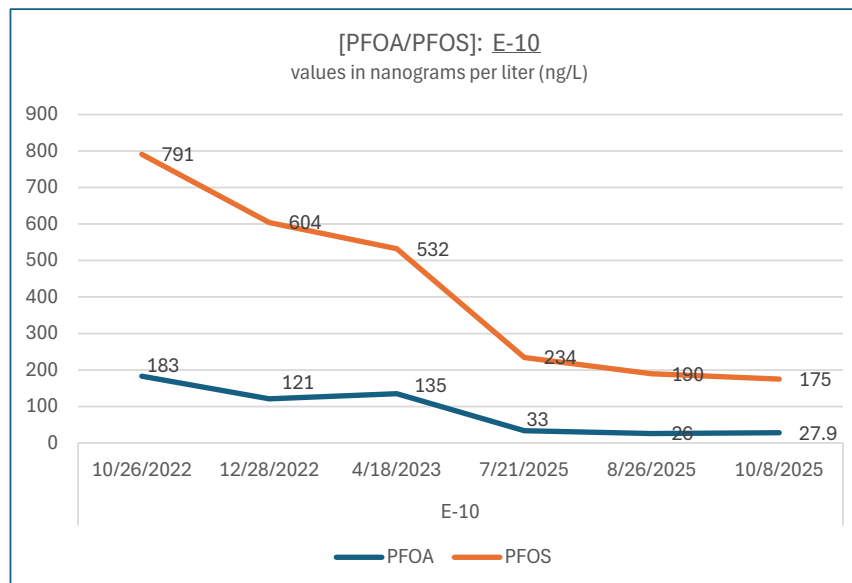
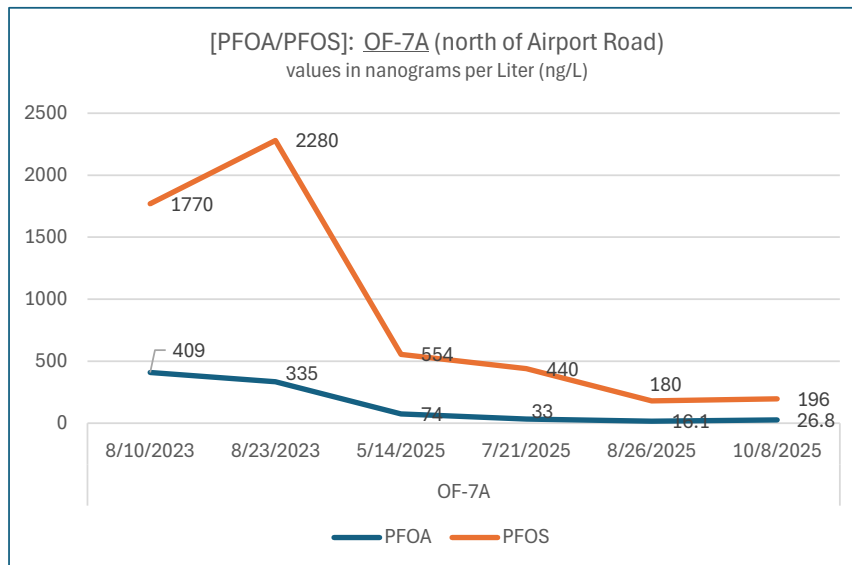
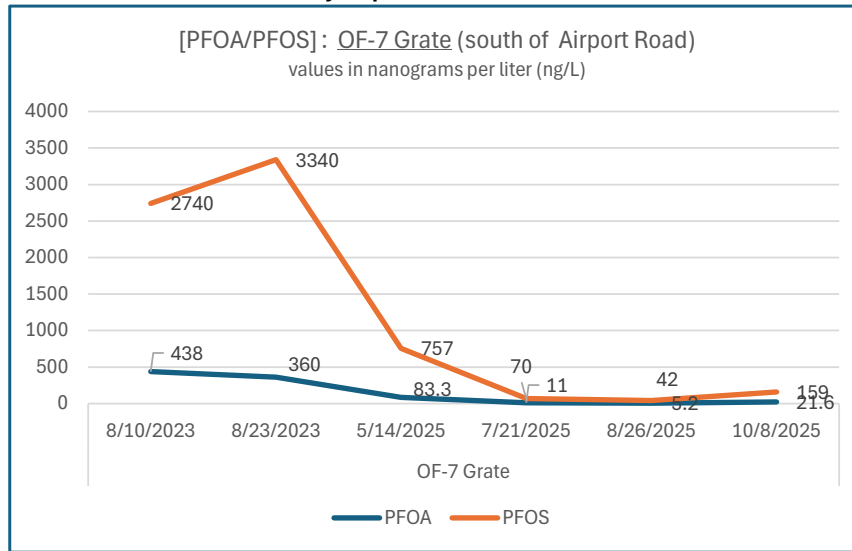
Notes PFAS analyses via EPA Method 1633.

1 NYSDEC has adopted ambient water quality guidance values for PFOA and PFOS.

Groundwater samples should be compared to the human health criteria of 6.7 ng/l (ppt) for PFOA and 2.7 ng/l (ppt) for PFOS. These human health criteria should also be applied to surface water that is used as a water supply.

Sources: *Finalized Water Quality Guidance Values to Regulate PFOA, PFOS, and 1, 4-Dioxane (March 15, 2023), NYSDEC, and Sampling, Analysis, and Assessment of Per-and Polyfluoroalkyl Substances (PFAS), under NYSDEC's Part 375 Remedial Programs (April 2023), NYSDEC*

Table 2
Trend of Surface Water Sampling Results @ Outfall OF-7
Westchester County Airport / NYSDEC BCP Site No. C360174



Appendix D

Runway Widening Table & CAMP Results

Table 3
Runway Shoulders Project PFAS Results
HPN – Environmental Management | White Plains, NY
Terracon Project No. JA257006

Sample Name:	SB-1-RW 0-2	SB-1-RW 12-24	SB-1-RW 2-12	SB-2-RW 0-2	SB-2-RW 12-24	SB-2-RW 2-12	SB-3-RW 0-2	SB-3-RW 12-24	SB-3-RW 2-12	DUPE (PFAS)
Date:	10/23/2025	10/23/2025	10/23/2025	10/23/2025	10/23/2025	10/23/2025	10/23/2025	10/23/2025	10/23/2025	10/23/2025
Depth:	0 - 0.1 ft	1 - 2 ft	0.1 - 1 ft	0 - 0.1 ft	1 - 2 ft	0.1 - 1 ft	0 - 0.1 ft	1 - 2 ft	0.1 - 1 ft	1 - 2 ft

Analyte	CAS	Unit	NY Soil Protection of Groundwater	NY Soil Unrestricted										
E1633, ug/kg														
11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	763051-92-9	ug/kg			< 1.02 U	< 0.841 U	< 0.905 U	< 1.07 U	< 0.851 U	< 0.892 U	< 1.02 U	< 0.828 U	< 0.860 U	< 0.826 U
1H,1H,2H,2H-perfluorodecane sulfonate (8:2 FTS)	39108-34-4	ug/kg			< 1.04 U	< 0.855 U	< 0.920 U	< 1.08 U	< 0.865 U	< 0.906 U	< 1.03 U	< 0.841 U	< 0.874 U	< 0.840 U
1H,1H,2H,2H-perfluorohexane sulfonate (4:2 FTS)	757124-72-4	ug/kg			< 1.01 U	< 0.835 U	< 0.898 U	< 1.06 U	< 0.844 U	< 0.885 U	< 1.01 U	< 0.822 U	< 0.853 U	< 0.820 U
1H,1H,2H,2H-perfluorooctane sulfonate (6:2 FTS)	27619-97-2	ug/kg			< 1.03 U	< 0.846 U	< 0.910 U	< 1.07 U	< 0.856 U	< 0.896 U	< 1.02 U	< 0.832 U	< 0.865 U	< 0.831 U
2-(N-ethylperfluoro-1-octanesulfonamido)-ethanol	1691-99-2	ug/kg			< 2.70 U	< 2.23 U	< 2.39 U	< 2.82 U	< 2.25 U	< 2.36 U	< 2.69 U	< 2.19 U	< 2.28 U	< 2.19 U
2-(N-methylperfluoro-1-octanesulfonamido)-ethanol	24448-09-7	ug/kg			< 2.70 U	< 2.23 U	< 2.39 U	< 2.82 U	< 2.25 U	< 2.36 U	< 2.69 U	< 2.19 U	< 2.28 U	< 2.19 U
2H,2H,3H,3H-PERFLUORODECANOIC ACID	812-70-4	ug/kg			< 6.75 U	< 5.56 U	< 5.99 U	< 7.05 U	< 5.63 U	< 5.90 U	< 6.73 U	< 5.48 U	< 5.69 U	< 5.47 U
3:3 FTCA	356-02-5	ug/kg			< 1.35 U	< 1.11 U	< 1.20 U	< 1.41 U	< 1.13 U	< 1.18 U	< 1.35 U	< 1.10 U	< 1.14 U	< 1.09 U
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	919005-14-4	ug/kg			< 1.02 U	< 0.841 U	< 0.905 U	< 1.07 U	< 0.851 U	< 0.892 U	< 1.02 U	< 0.828 U	< 0.860 U	< 0.826 U
5:3 FTCA	914637-49-3	ug/kg			< 6.75 U	< 5.56 U	< 5.99 U	< 7.05 U	< 5.63 U	< 5.90 U	< 6.73 U	< 5.48 U	< 5.69 U	< 5.47 U
9-chlorohexadecafluoro-3-oxanone-1-sulfonic acid (9Cl-PF3ONS)	756426-58-1	ug/kg			< 1.01 U	< 0.832 U	< 0.896 U	< 1.05 U	< 0.842 U	< 0.882 U	< 1.01 U	< 0.819 U	< 0.851 U	< 0.818 U
Hexafluoropropylene oxide dimer acid (HFPO-DA)	13252-13-6	ug/kg			< 1.08 U	< 0.890 U	< 0.958 U	< 1.13 U	< 0.901 U	< 0.944 U	< 1.08 U	< 0.876 U	< 0.910 U	< 0.874 U
N-ethyl perfluorooctanesulfonamidoacetic acid (EtFOSAA)	2991-50-6	ug/kg			< 0.675 U	< 0.556 U	< 0.599 U	< 0.705 U	< 0.563 U	< 0.590 U	< 0.673 U	< 0.548 U	< 0.569 U	< 0.547 U
N-ethylperfluoro-1-octanesulfonamide	4151-50-2	ug/kg			< 0.270 U	< 0.223 U	< 0.239 U	< 0.282 U	< 0.225 U	< 0.236 U	< 0.269 U	< 0.219 U	< 0.228 U	< 0.219 U
N-methyl perfluorooctanesulfonamidoacetic acid (MeFOSAA)	2355-31-9	ug/kg			< 0.270 U	< 0.223 U	< 0.239 U	< 0.282 U	< 0.225 U	< 0.236 U	< 0.269 U	< 0.219 U	< 0.228 U	< 0.219 U
N-methylperfluoro-1-octanesulfonamide	31506-32-8	ug/kg			< 0.270 U	< 0.223 U	< 0.239 U	< 0.282 U	< 0.225 U	< 0.236 U	< 0.269 U	< 0.219 U	< 0.228 U	< 0.219 U
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	151772-58-6	ug/kg			< 0.540 U	< 0.445 U	< 0.479 U	< 0.564 U	< 0.450 U	< 0.472 U	< 0.539 U	< 0.438 U	< 0.455 U	< 0.437 U
Perfluorinated sulfonamide (FOSA)	754-91-6	ug/kg			< 0.270 U	< 0.223 U	< 0.239 U	< 0.282 U	< 0.225 U	< 0.236 U	< 0.269 U	< 0.219 U	< 0.228 U	< 0.219 U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	113507-82-7	ug/kg			< 0.481 U	< 0.396 U	< 0.426 U	< 0.502 U	< 0.401 U	< 0.420 U	< 0.479 U	< 0.390 U	< 0.405 U	< 0.389 U
Perfluoro-1-heptanesulfonic acid (PFHpS)	375-92-8	ug/kg			< 0.270 U	< 0.223 U	< 0.239 U	< 0.282 U	< 0.225 U	< 0.236 U	< 0.269 U	< 0.219 U	< 0.228 U	< 0.219 U
Perfluoro-3-methoxypropanoic acid (PFMPA)	377-73-1	ug/kg			< 0.540 U	< 0.445 U	< 0.479 U	< 0.564 U	< 0.450 U	< 0.472 U	< 0.539 U	< 0.438 U	< 0.455 U	< 0.437 U
Perfluoro-4-methoxybutanoic acid (PFMBA)	863090-89-5	ug/kg			< 0.540 U	< 0.445 U	< 0.479 U	< 0.564 U	< 0.450 U	< 0.472 U	< 0.539 U	< 0.438 U	< 0.455 U	< 0.437 U
Perfluorobutanesulfonic acid (PFBS)	375-73-5	ug/kg			< 0.239 U	< 0.197 U	< 0.212 U	< 0.249 U	< 0.199 U	< 0.209 U	< 0.238 U	< 0.194 U	< 0.201 U	< 0.193 U
Perfluorobutyric acid (PFBA)	375-22-4	ug/kg			< 1.08 U	< 0.890 U	< 0.958 U	< 1.13 U	< 0.901 U	< 0.944 U	< 1.08 U	< 0.876 U	< 0.910 U	< 0.874 U
Perfluorodecanesulfonic acid (PFDS)	335-77-3	ug/kg			< 0.261 U	< 0.215 U	< 0.231 U	< 0.272 U	< 0.217 U	< 0.228 U	< 0.260 U	< 0.211 U	< 0.220 U	< 0.211 U
Perfluorodecanoic acid (PFDA)	335-76-2	ug/kg			0.187 J	< 0.223 U	< 0.239 U	0.346	< 0.225 U	0.246	0.188 J	< 0.219 U	< 0.228 U	< 0.219 U
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5	ug/kg			< 0.262 U	< 0.216 U	< 0.232 U	< 0.273 U	< 0.218 U	< 0.229 U	< 0.261 U	< 0.212 U	< 0.221 U	< 0.212 U
Perfluorododecanoic acid (PFDoA)	307-55-1	ug/kg			0.130 J	< 0.223 U	< 0.239 U	0.388	< 0.225 U	0.239	0.110 J	< 0.219 U	< 0.228 U	< 0.219 U
Perfluoroheptanoic acid (PFHpA)	375-85-9	ug/kg			< 0.270 U	0.158 J	< 0.239 U	< 0.282 U	< 0.225 U	< 0.236 U	< 0.269 U	< 0.219 U	< 0.228 U	< 0.219 U
Perfluorohexanesulfonic acid (PFHxS)	206-587-1	ug/kg			< 0.247 U	< 0.204 U	< 0.219 U	< 0.258 U	< 0.206 U	< 0.216 U	< 0.246 U	< 0.200 U	< 0.208 U	< 0.200 U
Perfluorohexanoic acid (PFHxA)	307-24-4	ug/kg												
Perfluorononanesulfonic acid (PFNS)	68259-12-1	ug/kg			< 0.259 U	< 0.214 U	< 0.230 U	< 0.271 U	< 0.216 U	< 0.226 U	< 0.259 U	< 0.210 U	< 0.218 U	< 0.210 U
Perfluorononanoic acid (PFNA)	375-95-1	ug/kg			0.228 J	< 0.223 U	0.215 J	0.364	0.433	0.441	0.203 J	< 0.219 U	< 0.228 U	< 0.219 U
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	ug/kg	1.0	0.88	2.32	0.401	1.61	3.68	0.674	1.96	1.26	< 0.204 U	0.562	< 0.203 U
Perfluorooctanoic acid (PFOA)	335-67-1	ug/kg	0.8	0.66	0.122 J	0.515	0.181 J	0.107 J	< 0.225 U	< 0.236 U	0.321	< 0.219 U	0.315	< 0.219 U
Perfluoropentanesulfonic acid (PFPeS)	2706-91-4	ug/kg			< 0.254 U	< 0.209 U	< 0.225 U	< 0.265 U	< 0.212 U	< 0.222 U	< 0.253 U	< 0.206 U	< 0.214 U	< 0.206 U
Perfluoropentanoic acid (PFPeA)	2706-90-3	ug/kg			< 0.540 U	0.178 J	< 0.479 U	< 0.564 U	< 0.450 U	< 0.472 U	< 0.539 U	< 0.438 U	< 0.455 U	< 0.437 U
Perfluorotetradecanoic (PFTeA)	376-06-7	ug/kg			< 0.270 U	< 0.223 U	< 0.239 U	< 0.282 U	< 0.225 U	< 0.236 U	< 0.269 U	< 0.219 U	< 0.228 U	< 0.219 U

Table 3
Runway Shoulders Project PFAS Results

Perfluorotridecanoic acid (PFTriA)	72629-94-8	ug/kg			0.156 J	< 0.223 U	< 0.239 U	1.35	< 0.225 U	1.20	< 0.269 U	< 0.219 U	< 0.228 U	< 0.219 U
Perfluoroundecanoic acid (PFUnA)	2058-94-8	ug/kg			0.459	< 0.223 U	0.211 J	6.78	0.239	4.56	0.300	< 0.219 U	< 0.228 U	< 0.219 U
<u>SM2540G, %</u>														
Percent Solids	10050	%			74.0	89.9	83.5	71.0	88.8	84.8	74.3	91.3	87.9	91.5

Table 3
Runway Shoulders Project PFAS Results
HPN – Environmental Management | White Plains, NY
Terracon Project No. JA257006

Sample Name:					SB-4-RW 0-2	SB-4-RW 12-24	SB-4-RW 2-12	SB-5-RW 0-2	SB-5-RW 12-24	SB-5-RW 2-12	SB-6-RW 0-2	SB-6-RW 12-24	SB-6-RW 2-12	DUPE PFAS	SB-7-RW 0-2	SB-7-RW 12-24	SB-7-RW 2-12
Date:					10/23/2025	10/23/2025	10/23/2025	10/23/2025	10/23/2025	10/23/2025	10/24/2025	10/24/2025	10/24/2025	10/24/2025	10/24/2025	10/24/2025	10/24/2025
Depth:					0 - 0.1 ft	1 - 2 ft	0.1 - 1 ft	0 - 0.1 ft	1 - 2 ft	0.1 - 1 ft	0 - 0.1 ft	1 - 2 ft	0.1 - 1 ft	1 - 2 ft	0 - 0.1 ft	1 - 2 ft	0.1 - 1 ft
Analyte	CAS	Unit	NY Soil Protection of Groundwater	NY Soil Unrestricted													
E1633. ug / kg																	
11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11CI-PF3OUdS)	763051-92-9	ug/kg			< 0.920 U	< 0.829 U	< 0.845 U	< 1.03 U	< 0.837 U	< 0.876 U	< 0.979 U	< 0.857 U	< 0.936 U	< 0.853 U	< 0.968 U	< 0.871 U	< 0.863 U
1H,1H,2H,2H-perfluorodecane sulfonate (8:2 FTS)	39108-34-4	ug/kg			< 0.935 U	< 0.842 U	< 0.858 U	< 1.04 U	< 0.850 U	< 0.890 U	< 0.995 U	< 0.870 U	< 0.950 U	< 0.866 U	< 0.984 U	< 0.885 U	< 0.876 U
1H,1H,2H,2H-perfluorohexane sulfonate (4:2 FTS)	757124-72-4	ug/kg			< 0.913 U	< 0.822 U	< 0.838 U	< 1.02 U	< 0.830 U	< 0.869 U	< 0.972 U	< 0.850 U	< 0.928 U	< 0.846 U	< 0.961 U	< 0.864 U	< 0.856 U
1H,1H,2H,2H-perfluorooctane sulfonate (6:2 FTS)	27619-97-2	ug/kg			< 0.925 U	< 0.833 U	< 0.849 U	< 1.03 U	< 0.841 U	< 0.881 U	< 0.985 U	< 0.861 U	< 0.940 U	< 0.857 U	< 0.974 U	< 0.876 U	< 0.867 U
2-(N-ethylperfluoro-1-octanesulfonamido)-ethanol	1691-99-2	ug/kg			< 2.43 U	< 2.19 U	< 2.24 U	< 2.72 U	< 2.21 U	< 2.32 U	< 2.59 U	< 2.27 U	< 2.47 U	< 2.26 U	< 2.56 U	< 2.31 U	< 2.28 U
2-(N-methylperfluoro-1-octanesulfonamido)-ethanol	24448-09-7	ug/kg			< 2.43 U	< 2.19 U	< 2.24 U	< 2.72 U	< 2.21 U	< 2.32 U	< 2.59 U	< 2.27 U	< 2.47 U	< 2.26 U	< 2.56 U	< 2.31 U	< 2.28 U
2H,2H,3H,3H-PERFLUORODECANOIC ACID	812-70-4	ug/kg			< 6.09 U	< 5.48 U	< 5.59 U	< 6.80 U	< 5.53 U	< 5.79 U	< 6.48 U	< 5.67 U	< 6.19 U	< 5.64 U	< 6.41 U	< 5.76 U	< 5.71 U
3:3 FTCA	356-02-5	ug/kg			< 1.22 U	< 1.10 U	< 1.12 U	< 1.36 U	< 1.11 U	< 1.16 U	< 1.30 U	< 1.13 U	< 1.24 U	< 1.13 U	< 1.28 U	< 1.15 U	< 1.14 U
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	919005-14-4	ug/kg			< 0.920 U	< 0.829 U	< 0.845 U	< 1.03 U	< 0.837 U	< 0.876 U	< 0.979 U	< 0.857 U	< 0.936 U	< 0.853 U	< 0.968 U	< 0.871 U	< 0.863 U
5:3 FTCA	914637-49-3	ug/kg			< 6.09 U	< 5.48 U	< 5.59 U	< 6.80 U	< 5.53 U	< 5.79 U	< 6.48 U	< 5.67 U	< 6.19 U	< 5.64 U	< 6.41 U	< 5.76 U	< 5.71 U
9-chlorohexadecafluoro-3-oxanone-1-sulfonic acid (9CI-PF3ONS)	756426-58-1	ug/kg			< 0.910 U	< 0.820 U	< 0.836 U	< 1.02 U	< 0.828 U	< 0.867 U	< 0.969 U	< 0.848 U	< 0.926 U	< 0.844 U	< 0.958 U	< 0.862 U	< 0.854 U
Hexafluoropropylene oxide dimer acid (HFPO-DA)	13252-13-6	ug/kg			< 0.974 U	< 0.877 U	< 0.894 U	< 1.09 U	< 0.885 U	< 0.927 U	< 1.04 U	< 0.907 U	< 0.990 U	< 0.902 U	< 1.02 U	< 0.922 U	< 0.913 U
N-ethyl perfluorooctanesulfonamidoacetic acid (EtFOSAA)	2991-50-6	ug/kg			< 0.609 U	< 0.548 U	< 0.559 U	< 0.680 U	< 0.553 U	< 0.579 U	< 0.648 U	< 0.567 U	< 0.619 U	< 0.564 U	< 0.641 U	< 0.576 U	< 0.571 U
N-ethylperfluoro-1-octanesulfonamide	4151-50-2	ug/kg			< 0.243 U	< 0.219 U	< 0.224 U	< 0.272 U	< 0.221 U	< 0.232 U	< 0.259 U	< 0.227 U	< 0.247 U	< 0.226 U	< 0.256 U	< 0.231 U	< 0.228 U
N-methyl perfluorooctanesulfonamidoacetic acid (MeFOSAA)	2355-31-9	ug/kg			< 0.243 U	< 0.219 U	< 0.224 U	< 0.272 U	< 0.221 U	< 0.232 U	< 0.259 U	< 0.227 U	< 0.247 U	< 0.226 U	< 0.256 U	< 0.231 U	< 0.228 U
N-methylperfluoro-1-octanesulfonamide	31506-32-8	ug/kg			< 0.243 U	< 0.219 U	< 0.224 U	< 0.272 U	< 0.221 U	< 0.232 U	< 0.259 U	< 0.227 U	< 0.247 U	< 0.226 U	< 0.256 U	< 0.231 U	< 0.228 U
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	151772-58-6	ug/kg			< 0.487 U	< 0.439 U	< 0.447 U	< 0.544 U	< 0.443 U	< 0.464 U	< 0.518 U	< 0.453 U	< 0.495 U	< 0.451 U	< 0.512 U	< 0.461 U	< 0.456 U
Perfluorinated sulfonamide (FOSA)	754-91-6	ug/kg			< 0.243 U	< 0.219 U	< 0.224 U	< 0.272 U	< 0.221 U	< 0.232 U	< 0.259 U	< 0.227 U	< 0.247 U	< 0.226 U	< 0.256 U	< 0.231 U	< 0.228 U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	113507-82-7	ug/kg			< 0.433 U	< 0.390 U	< 0.398 U	< 0.484 U	< 0.394 U	< 0.413 U	< 0.461 U	< 0.403 U	< 0.441 U	< 0.401 U	< 0.456 U	< 0.410 U	< 0.406 U
Perfluoro-1-heptanesulfonic acid (PFHpS)	375-92-8	ug/kg			< 0.243 U	< 0.219 U	< 0.224 U	< 0.272 U	< 0.221 U	< 0.232 U	< 0.259 U	< 0.227 U	< 0.247 U	< 0.226 U	< 0.256 U	< 0.231 U	< 0.228 U
Perfluoro-3-methoxypropanoic acid (PFMPA)	377-73-1	ug/kg			< 0.487 U	< 0.439 U	< 0.447 U	< 0.544 U	< 0.443 U	< 0.464 U	< 0.518 U	< 0.453 U	< 0.495 U	< 0.451 U	< 0.512 U	< 0.461 U	< 0.456 U
Perfluoro-4-methoxybutanoic acid (PFMBA)	863090-89-5	ug/kg			< 0.487 U	< 0.439 U	< 0.447 U	< 0.544 U	< 0.443 U	< 0.464 U	< 0.518 U	< 0.453 U	< 0.495 U	< 0.451 U	< 0.512 U	< 0.461 U	< 0.456 U
Perfluorobutanesulfonic acid (PFBS)	375-73-5	ug/kg			< 0.215 U	< 0.194 U	< 0.198 U	< 0.241 U	< 0.196 U	< 0.205 U	< 0.229 U	< 0.201 U	< 0.219 U	< 0.200 U	< 0.227 U	< 0.204 U	< 0.202 U
Perfluorobutyric acid (PFBA)	375-22-4	ug/kg			< 0.974 U	< 0.877 U	< 0.894 U	< 1.09 U	< 0.885 U	< 0.927 U	< 1.04 U	< 0.907 U	< 0.990 U	< 0.902 U	< 1.02 U	< 0.922 U	< 0.913 U
Perfluorodecanesulfonic acid (PFDS)	335-77-3	ug/kg			< 0.235 U	< 0.212 U	< 0.216 U	< 0.262 U	< 0.214 U	< 0.224 U	< 0.250 U	< 0.219 U	< 0.239 U	< 0.218 U	< 0.247 U	< 0.222 U	< 0.220 U
Perfluorodecanoic acid (PFDA)	335-76-2	ug/kg			0.135 J	< 0.219 U	0.115 J	0.198 J	< 0.221 U	0.101 J	0.173 J	< 0.227 U	0.132 J	< 0.226 U	0.135 J	< 0.231 U	< 0.228 U
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5	ug/kg			< 0.236 U	< 0.213 U	< 0.217 U	< 0.264 U	< 0.215 U	< 0.225 U	< 0.251 U	< 0.220 U	< 0.240 U	< 0.219 U	< 0.249 U	< 0.224 U	< 0.221 U
Perfluorododecanoic acid (PFDoA)	307-55-1	ug/kg			0.115 J	< 0.219 U	< 0.224 U	0.282	< 0.221 U	< 0.232 U	0.150 J	< 0.227 U	0.109 J	< 0.226 U	0.195 J	< 0.231 U	< 0.228 U
Perfluoroheptanoic acid (PFHpA)	375-85-9	ug/kg			< 0.243 U	< 0.219 U	< 0.224 U	< 0.272 U	< 0.221 U	< 0.232 U	< 0.259 U	< 0.227 U	< 0.247 U	< 0.226 U	< 0.256 U	0.184 J	0.148 J
Perfluorohexanesulfonic acid (PFHxS)	206-587-1	ug/kg			< 0.223 U	< 0.201 U	< 0.205 U	< 0.249 U	< 0.203 U	< 0.212 U	< 0.237 U	< 0.207 U	< 0.226 U	< 0.206 U	< 0.234 U	< 0.211 U	< 0.209 U
Perfluorohexanoic acid (PFHxA)	307-24-4	ug/kg									< 0.259 U	< 0.227 U	< 0.247 U	< 0.226 U	< 0.256 U	0.177 J	0.165 J
Perfluorononanesulfonic acid (PFNS)	68259-12-1	ug/kg			< 0.234 U	< 0.210 U	< 0.215 U	< 0.261 U	< 0.212 U	< 0.222 U	< 0.249 U	< 0.218 U	< 0.238 U	< 0.217 U	< 0.246 U	< 0.221 U	< 0.219 U
Perfluorononanoic acid (PFNA)	375-95-1	ug/kg			< 0.243 U	< 0.219 U	< 0.224 U	< 0.272 U	< 0.221 U	< 0.232 U	< 0.259 U	< 0.227 U	0.185 J	< 0.226 U	< 0.256 U	0.247	0.224 J
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	ug/kg	1.0	0.88	0.545	< 0.204 U	0.460	1.44	0.0891 J	0.600	1.48	< 0.211 U	1.24	0.652	0.996	0.519	0.673
Perfluorooctanoic acid (PFOA)	335-67-1	ug/kg	0.8	0.66	< 0.243 U	0.126 J	0.125 J	< 0.272 U	< 0.221 U	0.0861 J	0.133 J	< 0.227 U	0.190 J	0.134 J	< 0.256 U	0.368	0.305
Perfluoropentanesulfonic acid (PFPeS)	2706-91-4	ug/kg			< 0.229 U	< 0.206 U	< 0.210 U	< 0.256 U	< 0.208 U	< 0.218 U	< 0.244 U	< 0.213 U	< 0.233 U	< 0.212 U	< 0.241 U	< 0.217 U	< 0.215 U
Perfluoropentanoic acid (PFPeA)	2706-90-3	ug/kg			< 0.487 U	< 0.439 U	< 0.447 U	< 0.544 U	< 0.443 U	< 0.464 U	< 0.518 U	< 0.453 U	< 0.495 U	< 0.451 U	< 0.512 U	0.493	0.295 J
Perfluorotetradecanoic (PFTeA)	376-06-7	ug/kg			< 0.243 U	< 0.219 U	< 0.224 U	< 0.272 U	< 0.221 U	< 0.232 U	< 0.259 U	< 0.227 U	< 0.247 U	< 0.226 U	< 0.256 U	< 0.231 U	< 0.228 U
Perfluorotridecanoic acid (PFTriA)	72629-94-8	ug/kg			< 0.243 U	< 0.219 U	< 0.224 U	0.361	< 0.221 U	0.211 J	0.155 J	< 0.227 U	< 0.247 U	< 0.226 U	0.260	< 0.231 U	< 0.228 U
Perfluoroundecanoic acid (PFUnA)	2058-94-8	ug/kg			0.174 J	< 0.219 U	0.131 J	1.07	0.193 J	0.653	0.319	< 0.227 U	0.277	< 0.226 U	0.492	< 0.231 U	0.171 J
SM2540G. %																	
Percent Solids	10050	%			81.7	90.7	88.9	73.1	90.4	85.9	76.9	88.2	80.5	88.7	78.1	86.8	87.6

Table 3
Runway Shoulders Project PFAS Results
HPN – Environmental Management | White Plains, NY
Terracon Project No. JA257006

Sample Name:					SB-8-RW 0-2	SB-8-RW 12-24	SB-8-RW 2-12	SB-9-RW 0-2	SB-9-RW 12-24	SB-9-RW 2-12	SB-10-RW 0-2	SB-10-RW 12-24	SB-10-RW 2-12	SB-11-RW 0-2	SB-11-RW 12-24	SB-11-RW 2-12
Date:					10/24/2025	10/24/2025	10/24/2025	10/24/2025	10/24/2025	10/24/2025	10/24/2025	10/24/2025	10/24/2025	10/24/2025	10/24/2025	10/24/2025
Depth:					0 - 0.1 ft	1 - 2 ft	0.1 - 1 ft	0 - 0.1 ft	1 - 2 ft	0.1 - 1 ft	0 - 0.1 ft	1 - 2 ft	0.1 - 1 ft	0 - 0.1 ft	1 - 2 ft	0.1 - 1 ft
Analyte	CAS	Unit	NY Soil Protection of Groundwater	NY Soil Unrestricted												
E1633, ug / kg																
11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11CI-PF3OUdS)	763051-92-9	ug/kg			< 0.949 U	< 0.851 U	< 0.874 U	< 0.972 U	< 0.842 U	< 0.877 U	< 0.970 U	< 0.938 U	< 0.896 U	< 0.983 U	< 0.865 U	< 0.881 U
1H,1H,2H,2H-perfluorodecane sulfonate (8:2 FTS)	39108-34-4	ug/kg			< 0.964 U	< 0.864 U	< 0.888 U	< 0.987 U	< 0.855 U	< 0.891 U	< 0.986 U	< 0.953 U	< 0.910 U	< 0.999 U	< 0.878 U	< 0.895 U
1H,1H,2H,2H-perfluorohexane sulfonate (4:2 FTS)	757124-72-4	ug/kg			< 0.942 U	< 0.844 U	< 0.868 U	< 0.964 U	< 0.835 U	< 0.870 U	< 0.963 U	< 0.931 U	< 0.889 U	< 0.975 U	< 0.858 U	< 0.874 U
1H,1H,2H,2H-perfluorooctane sulfonate (6:2 FTS)	27619-97-2	ug/kg			< 0.954 U	< 0.855 U	< 0.879 U	< 0.977 U	< 0.846 U	< 0.882 U	< 0.976 U	< 0.943 U	< 0.901 U	< 0.988 U	< 0.869 U	< 0.886 U
2-(N-ethylperfluoro-1-octanesulfonamido)-ethanol	1691-99-2	ug/kg			< 2.51 U	< 2.25 U	< 2.31 U	< 2.57 U	< 2.23 U	< 2.32 U	< 2.57 U	< 2.48 U	< 2.37 U	< 2.60 U	< 2.29 U	< 2.33 U
2-(N-methylperfluoro-1-octanesulfonamido)-ethanol	24448-09-7	ug/kg			< 2.51 U	< 2.25 U	< 2.31 U	< 2.57 U	< 2.23 U	< 2.32 U	< 2.57 U	< 2.48 U	< 2.37 U	< 2.60 U	< 2.29 U	< 2.33 U
2H,2H,3H,3H-PERFLUORODECANOIC ACID	812-70-4	ug/kg			< 6.28 U	< 5.63 U	< 5.78 U	< 6.43 U	< 5.57 U	< 5.80 U	< 6.42 U	< 6.20 U	< 5.92 U	< 6.50 U	< 5.72 U	< 5.83 U
3:3 FTCA	356-02-5	ug/kg			< 1.26 U	< 1.13 U	< 1.16 U	< 1.29 U	< 1.11 U	< 1.16 U	< 1.28 U	< 1.24 U	< 1.18 U	< 1.30 U	< 1.14 U	< 1.17 U
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	919005-14-4	ug/kg			< 0.949 U	< 0.851 U	< 0.874 U	< 0.972 U	< 0.842 U	< 0.877 U	< 0.970 U	< 0.938 U	< 0.896 U	< 0.983 U	< 0.865 U	< 0.881 U
5:3 FTCA	914637-49-3	ug/kg			< 6.28 U	< 5.63 U	< 5.78 U	< 6.43 U	< 5.57 U	< 5.80 U	< 6.42 U	< 6.20 U	< 5.92 U	< 6.50 U	< 5.72 U	< 5.83 U
9-chlorohexadecafluoro-3-oxanone-1-sulfonic acid (9CI-PF3ONS)	756426-58-1	ug/kg			< 0.939 U	< 0.842 U	< 0.865 U	< 0.962 U	< 0.833 U	< 0.868 U	< 0.960 U	< 0.928 U	< 0.886 U	< 0.973 U	< 0.855 U	< 0.872 U
Hexafluoropropylene oxide dimer acid (HFPO-DA)	13252-13-6	ug/kg			< 1.00 U	< 0.900 U	< 0.925 U	< 1.03 U	< 0.891 U	< 0.928 U	< 1.03 U	< 0.993 U	< 0.948 U	< 1.04 U	< 0.915 U	< 0.933 U
N-ethyl perfluorooctanesulfonamidoacetic acid (EtFOSAA)	2991-50-6	ug/kg			< 0.628 U	< 0.563 U	< 0.578 U	< 0.643 U	< 0.557 U	< 0.580 U	< 0.642 U	< 0.620 U	< 0.592 U	< 0.650 U	< 0.572 U	< 0.583 U
N-ethylperfluoro-1-octanesulfonamide	4151-50-2	ug/kg			< 0.251 U	< 0.225 U	< 0.231 U	< 0.257 U	< 0.223 U	< 0.232 U	< 0.257 U	< 0.248 U	< 0.237 U	< 0.260 U	< 0.229 U	< 0.233 U
N-methyl perfluorooctanesulfonamidoacetic acid (MeFOSAA)	2355-31-9	ug/kg			< 0.251 U	< 0.225 U	< 0.231 U	< 0.257 U	< 0.223 U	< 0.232 U	< 0.257 U	< 0.248 U	< 0.237 U	< 0.260 U	< 0.229 U	< 0.233 U
N-methylperfluoro-1-octanesulfonamide	31506-32-8	ug/kg			< 0.251 U	< 0.225 U	< 0.231 U	< 0.257 U	< 0.223 U	< 0.232 U	< 0.257 U	< 0.248 U	< 0.237 U	< 0.260 U	< 0.229 U	< 0.233 U
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	151772-58-6	ug/kg			< 0.502 U	< 0.450 U	< 0.463 U	< 0.514 U	< 0.445 U	< 0.464 U	< 0.513 U	< 0.496 U	< 0.474 U	< 0.520 U	< 0.457 U	< 0.466 U
Perfluorinated sulfonamide (FOSA)	754-91-6	ug/kg			< 0.251 U	< 0.225 U	< 0.231 U	< 0.257 U	< 0.223 U	< 0.232 U	< 0.257 U	< 0.248 U	< 0.237 U	< 0.260 U	< 0.229 U	< 0.233 U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	113507-82-7	ug/kg			< 0.447 U	< 0.401 U	< 0.412 U	< 0.458 U	< 0.396 U	< 0.413 U	< 0.457 U	< 0.442 U	< 0.422 U	< 0.463 U	< 0.407 U	< 0.415 U
Perfluoro-1-heptanesulfonic acid (PFHpS)	375-92-8	ug/kg			< 0.251 U	< 0.225 U	< 0.231 U	< 0.257 U	< 0.223 U	< 0.232 U	< 0.257 U	< 0.248 U	< 0.237 U	< 0.260 U	< 0.229 U	< 0.233 U
Perfluoro-3-methoxypropanoic acid (PFMPA)	377-73-1	ug/kg			< 0.502 U	< 0.450 U	< 0.463 U	< 0.514 U	< 0.445 U	< 0.464 U	< 0.513 U	< 0.496 U	< 0.474 U	< 0.520 U	< 0.457 U	< 0.466 U
Perfluoro-4-methoxybutanoic acid (PFMBA)	863090-89-5	ug/kg			< 0.502 U	< 0.450 U	< 0.463 U	< 0.514 U	< 0.445 U	< 0.464 U	< 0.513 U	< 0.496 U	< 0.474 U	< 0.520 U	< 0.457 U	< 0.466 U
Perfluorobutanesulfonic acid (PFBS)	375-73-5	ug/kg			< 0.222 U	< 0.199 U	< 0.205 U	< 0.228 U	< 0.197 U	< 0.205 U	< 0.227 U	0.0925 J	< 0.210 U	< 0.230 U	< 0.202 U	< 0.206 U
Perfluorobutyric acid (PFBA)	375-22-4	ug/kg			< 1.00 U	< 0.900 U	< 0.925 U	< 1.03 U	< 0.891 U	< 0.928 U	0.448 J	< 0.993 U	< 0.948 U	< 1.04 U	< 0.915 U	< 0.933 U
Perfluorodecanesulfonic acid (PFDS)	335-77-3	ug/kg			< 0.242 U	< 0.217 U	< 0.223 U	< 0.248 U	< 0.215 U	< 0.224 U	< 0.248 U	< 0.239 U	< 0.229 U	< 0.251 U	< 0.221 U	< 0.225 U
Perfluorodecanoic acid (PFDA)	335-76-2	ug/kg			0.210 J	< 0.225 U	0.108 J	0.135 J	< 0.223 U	< 0.232 U	0.197 J	< 0.248 U	< 0.237 U	0.189 J	< 0.229 U	< 0.233 U
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5	ug/kg			< 0.244 U	< 0.218 U	< 0.224 U	< 0.249 U	< 0.216 U	< 0.225 U	< 0.249 U	< 0.241 U	< 0.230 U	< 0.252 U	< 0.222 U	< 0.226 U
Perfluorododecanoic acid (PFDoA)	307-55-1	ug/kg			0.172 J	< 0.225 U	< 0.231 U	0.126 J	< 0.223 U	< 0.232 U	0.126 J	< 0.248 U	< 0.237 U	0.141 J	< 0.229 U	< 0.233 U
Perfluoroheptanoic acid (PFHpA)	375-85-9	ug/kg			< 0.251 U	< 0.225 U	< 0.231 U	< 0.257 U	< 0.223 U	< 0.232 U	0.284	0.164 J	0.180 J	< 0.260 U	0.164 J	< 0.233 U
Perfluorohexanesulfonic acid (PFHxS)	206-587-1	ug/kg			< 0.230 U	< 0.206 U	< 0.212 U	< 0.235 U	< 0.204 U	< 0.212 U	< 0.235 U	0.583	0.227	< 0.238 U	< 0.209 U	< 0.213 U
Perfluorohexanoic acid (PFHxA)	307-24-4	ug/kg			0.107 J	< 0.225 U	< 0.231 U	< 0.257 U	< 0.223 U	< 0.232 U	0.220 J	0.157 J	0.159 J	< 0.260 U	0.157 J	0.0750 J
Perfluorononanesulfonic acid (PFNS)	68259-12-1	ug/kg			< 0.241 U	< 0.216 U	< 0.222 U	< 0.247 U	< 0.214 U	< 0.223 U	< 0.246 U	< 0.238 U	< 0.228 U	< 0.250 U	< 0.220 U	< 0.224 U
Perfluorononanoic acid (PFNA)	375-95-1	ug/kg			0.351	< 0.225 U	0.268	< 0.257 U	< 0.223 U	< 0.232 U	0.328	< 0.248 U	0.236 J	0.266	< 0.229 U	0.202 J
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	ug/kg	1.0	0.88	0.809	0.190 J	0.525	0.460	0.133 J	0.194 J	0.966	0.655	0.666	1.25	0.391	0.491
Perfluorooctanoic acid (PFOA)	335-67-1	ug/kg	0.8	0.66	0.437	0.327	0.391	< 0.257 U	< 0.223 U	0.0814 J	0.910	1.12	0.993	0.370	0.788	0.527
Perfluoropentanesulfonic acid (PFPeS)	2706-91-4	ug/kg			< 0.236 U	< 0.212 U	< 0.217 U	< 0.242 U	< 0.209 U	< 0.218 U	< 0.241 U	< 0.233 U	< 0.223 U	< 0.244 U	< 0.215 U	< 0.219 U
Perfluoropentanoic acid (PFPeA)	2706-90-3	ug/kg			< 0.502 U	0.108 J	< 0.463 U	< 0.514 U	< 0.445 U	< 0.464 U	0.242 J	0.168 J	0.190 J	< 0.520 U	0.164 J	0.134 J
Perfluorotetradecanoic (PFTeA)	376-06-7	ug/kg			< 0.251 U	< 0.225 U	< 0.231 U	< 0.257 U	< 0.223 U	< 0.232 U	< 0.257 U	< 0.248 U	< 0.237 U	< 0.260 U	< 0.229 U	< 0.233 U
Perfluorotridecanoic acid (PFTriA)	72629-94-8	ug/kg			0.153 J	< 0.225 U	< 0.231 U	< 0.257 U	< 0.223 U	< 0.232 U	0.144 J	< 0.248 U	< 0.237 U	< 0.260 U	< 0.229 U	< 0.233 U
Perfluoroundecanoic acid (PFUnA)	2058-94-8	ug/kg			0.373	< 0.225 U	0.169 J	0.237 J	< 0.223 U	< 0.232 U	0.226 J	< 0.248 U	< 0.237 U	0.254 J	< 0.229 U	< 0.233 U
SM2540G, %																
Percent Solids	10050	%			79.6	88.9	86.4	77.8	89.8	86.2	77.9	80.6	84.4	76.9	87.4	85.8

Table 3
Runway Shoulders Project PFAS Results
HPN – Environmental Management | White Plains, NY
Terracon Project No. JA257006

Sample Name:					SB-12-RW 0-2	SB-12-RW 12-24	SB-12-RW 2-12	SB-13-RW 0-2	SB-13-RW 12-24	SB-13-RW 2-12	SB-14-RW 0-2	SB-14-RW 12-24	SB-14-RW 2-12
Date:					10/24/2025	10/24/2025	10/24/2025	10/24/2025	10/24/2025	10/24/2025	10/24/2025	10/24/2025	10/24/2025
Depth:					0 - 0.1 ft	1 - 2 ft	0.1 - 1 ft	0 - 0.1 ft	1 - 2 ft	0.1 - 1 ft	0 - 0.1 ft	1 - 2 ft	0.1 - 1 ft
Analyte	CAS	Unit	NY Soil Protection of Groundwater	NY Soil Unrestricted									
E1633. ug / kg													
11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	763051-92-9	ug/kg			< 1.02 U	< 0.832 U	< 0.870 U	< 0.930 U	< 0.841 U	< 0.882 U	< 1.01 U	< 0.851 U	< 0.873 U
1H,1H,2H,2H-perfluorodecane sulfonate (8:2 FTS)	39108-34-4	ug/kg			< 1.04 U	< 0.845 U	< 0.884 U	< 0.945 U	< 0.854 U	< 0.896 U	< 1.03 U	< 0.865 U	< 0.887 U
1H,1H,2H,2H-perfluorohexane sulfonate (4:2 FTS)	757124-72-4	ug/kg			< 1.01 U	< 0.825 U	< 0.863 U	< 0.923 U	< 0.834 U	< 0.875 U	< 1.00 U	< 0.844 U	< 0.866 U
1H,1H,2H,2H-perfluorooctane sulfonate (6:2 FTS)	27619-97-2	ug/kg			< 1.03 U	< 0.836 U	< 0.875 U	< 0.935 U	< 0.845 U	< 0.887 U	< 1.02 U	< 0.856 U	< 0.878 U
2-(N-ethylperfluoro-1-octanesulfonamido)-ethanol	1691-99-2	ug/kg			< 2.71 U	< 2.20 U	< 2.30 U	< 2.46 U	< 2.22 U	< 2.33 U	< 2.67 U	< 2.25 U	< 2.31 U
2-(N-methylperfluoro-1-octanesulfonamido)-ethanol	24448-09-7	ug/kg			< 2.71 U	< 2.20 U	< 2.30 U	< 2.46 U	< 2.22 U	< 2.33 U	< 2.67 U	< 2.25 U	< 2.31 U
2H,2H,3H,3H-PERFLUORODECANOIC ACID	812-70-4	ug/kg			< 6.76 U	< 5.50 U	< 5.75 U	< 6.15 U	< 5.56 U	< 5.84 U	< 6.68 U	< 5.63 U	< 5.77 U
3:3 FTCA	356-02-5	ug/kg			< 1.35 U	< 1.10 U	< 1.15 U	< 1.23 U	< 1.11 U	< 1.17 U	< 1.34 U	< 1.13 U	< 1.15 U
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	919005-14-4	ug/kg			< 1.02 U	< 0.832 U	< 0.870 U	< 0.930 U	< 0.841 U	< 0.882 U	< 1.01 U	< 0.851 U	< 0.873 U
5:3 FTCA	914637-49-3	ug/kg			< 6.76 U	< 5.50 U	< 5.75 U	< 6.15 U	< 5.56 U	< 5.84 U	< 6.68 U	< 5.63 U	< 5.77 U
9-chlorohexadecafluoro-3-oxanone-1-sulfonic acid (9Cl-PF3ONS)	756426-58-1	ug/kg			< 1.01 U	< 0.823 U	< 0.861 U	< 0.920 U	< 0.832 U	< 0.873 U	< 0.999 U	< 0.842 U	< 0.864 U
Hexafluoropropylene oxide dimer acid (HFPO-DA)	13252-13-6	ug/kg			< 1.08 U	< 0.880 U	< 0.921 U	< 0.984 U	< 0.890 U	< 0.934 U	< 1.07 U	< 0.901 U	< 0.924 U
N-ethyl perfluorooctanesulfonamidoacetic acid (EtFOSAA)	2991-50-6	ug/kg			< 0.676 U	< 0.550 U	< 0.575 U	< 0.615 U	< 0.556 U	< 0.584 U	< 0.668 U	< 0.563 U	< 0.577 U
N-ethylperfluoro-1-octanesulfonamide	4151-50-2	ug/kg			< 0.271 U	< 0.220 U	< 0.230 U	< 0.246 U	< 0.222 U	< 0.233 U	< 0.267 U	< 0.225 U	< 0.231 U
N-methyl perfluorooctanesulfonamidoacetic acid (MeFOSAA)	2355-31-9	ug/kg			< 0.271 U	< 0.220 U	< 0.230 U	< 0.246 U	< 0.222 U	< 0.233 U	< 0.267 U	< 0.225 U	< 0.231 U
N-methylperfluoro-1-octanesulfonamide	31506-32-8	ug/kg			< 0.271 U	< 0.220 U	< 0.230 U	< 0.246 U	< 0.222 U	< 0.233 U	< 0.267 U	< 0.225 U	< 0.231 U
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	151772-58-6	ug/kg			< 0.541 U	< 0.440 U	< 0.460 U	< 0.492 U	< 0.445 U	< 0.467 U	< 0.534 U	< 0.450 U	< 0.462 U
Perfluorinated sulfonamide (FOSA)	754-91-6	ug/kg			< 0.271 U	< 0.220 U	< 0.230 U	< 0.246 U	< 0.222 U	< 0.233 U	< 0.267 U	< 0.225 U	< 0.231 U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	113507-82-7	ug/kg			< 0.482 U	< 0.392 U	< 0.410 U	< 0.438 U	< 0.396 U	< 0.416 U	< 0.475 U	< 0.401 U	< 0.411 U
Perfluoro-1-heptanesulfonic acid (PFHpS)	375-92-8	ug/kg			< 0.271 U	< 0.220 U	< 0.230 U	< 0.246 U	< 0.222 U	< 0.233 U	< 0.267 U	< 0.225 U	< 0.231 U
Perfluoro-3-methoxypropanoic acid (PFMPA)	377-73-1	ug/kg			< 0.541 U	< 0.440 U	< 0.460 U	< 0.492 U	< 0.445 U	< 0.467 U	< 0.534 U	< 0.450 U	< 0.462 U
Perfluoro-4-methoxybutanoic acid (PFMBA)	863090-89-5	ug/kg			< 0.541 U	< 0.440 U	< 0.460 U	< 0.492 U	< 0.445 U	< 0.467 U	< 0.534 U	< 0.450 U	< 0.462 U
Perfluorobutanesulfonic acid (PFBS)	375-73-5	ug/kg			< 0.239 U	< 0.195 U	< 0.204 U	< 0.218 U	< 0.197 U	< 0.207 U	< 0.236 U	< 0.199 U	< 0.204 U
Perfluorobutyric acid (PFBA)	375-22-4	ug/kg			< 1.08 U	< 0.880 U	< 0.921 U	< 0.984 U	< 0.890 U	< 0.934 U	< 1.07 U	< 0.901 U	< 0.924 U
Perfluorodecanesulfonic acid (PFDS)	335-77-3	ug/kg			< 0.261 U	< 0.212 U	< 0.222 U	< 0.237 U	< 0.215 U	< 0.225 U	< 0.258 U	< 0.217 U	< 0.223 U
Perfluorodecanoic acid (PFDA)	335-76-2	ug/kg			< 0.271 U	< 0.220 U	< 0.230 U	0.163 J	< 0.222 U	< 0.233 U	0.125 J	0.133 J	< 0.231 U
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5	ug/kg			< 0.262 U	< 0.213 U	< 0.223 U	< 0.239 U	< 0.216 U	< 0.226 U	< 0.259 U	< 0.218 U	< 0.224 U
Perfluorododecanoic acid (PFDoA)	307-55-1	ug/kg			< 0.271 U	< 0.220 U	0.0957 J	0.154 J	< 0.222 U	< 0.233 U	0.142 J	0.156 J	< 0.231 U
Perfluoroheptanoic acid (PFHpA)	375-85-9	ug/kg			< 0.271 U	< 0.220 U	0.211 J	0.162 J	< 0.222 U	< 0.233 U	< 0.267 U	< 0.225 U	< 0.231 U
Perfluorohexanesulfonic acid (PFHxS)	206-587-1	ug/kg			< 0.248 U	< 0.201 U	< 0.211 U	0.207 J	0.176 J	0.130 J	< 0.244 U	< 0.206 U	< 0.211 U
Perfluorohexanoic acid (PFHxA)	307-24-4	ug/kg			< 0.271 U	< 0.220 U	0.170 J	0.126 J	0.0592 J	< 0.233 U	< 0.267 U	< 0.225 U	< 0.231 U
Perfluorononanesulfonic acid (PFNS)	68259-12-1	ug/kg			< 0.260 U	< 0.211 U	< 0.221 U	< 0.236 U	< 0.214 U	< 0.224 U	< 0.256 U	< 0.216 U	< 0.222 U
Perfluorononanoic acid (PFNA)	375-95-1	ug/kg			< 0.271 U	< 0.220 U	0.431	0.268	< 0.222 U	0.171 J	< 0.267 U	0.279	< 0.231 U
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	ug/kg	1.0	0.88	0.116 J	< 0.205 U	0.626	5.68	3.83	3.44	0.750	0.817	0.436
Perfluorooctanoic acid (PFOA)	335-67-1	ug/kg	0.8	0.66	< 0.271 U	0.129 J	0.639	0.402	0.275	0.273	0.156 J	0.240	0.133 J
Perfluoropentanesulfonic acid (PFPeS)	2706-91-4	ug/kg			< 0.254 U	< 0.207 U	< 0.216 U	< 0.231 U	< 0.209 U	< 0.219 U	< 0.251 U	< 0.212 U	< 0.217 U
Perfluoropentanoic acid (PFPeA)	2706-90-3	ug/kg			< 0.541 U	< 0.440 U	0.257 J	0.129 J	< 0.445 U	0.0955 J	0.141 J	0.971	< 0.462 U

Table 3
Runway Shoulders Project PFAS Results

Perfluorotetradecanoic (PFTeA)	376-06-7	ug/kg			< 0.271 U	< 0.220 U	< 0.230 U	< 0.246 U	< 0.222 U	< 0.233 U	< 0.267 U	< 0.225 U	< 0.231 U
Perfluorotridecanoic acid (PFTriA)	72629-94-8	ug/kg			< 0.271 U	< 0.220 U	0.127 J	0.141 J	< 0.222 U	< 0.233 U	0.168 J	0.206 J	< 0.231 U
Perfluoroundecanoic acid (PFUnA)	2058-94-8	ug/kg			< 0.271 U	< 0.220 U	0.171 J	0.295	< 0.222 U	< 0.233 U	0.212 J	0.515	< 0.231 U
<u>SM2540G, %</u>													
Percent Solids	10050	%			73.9	90.9	86.9	81.3	89.9	85.7	74.9	88.8	86.6

Table 3
Runway Shoulders Project Composite Results
HPN – Environmental Management | White Plains, NY
Terracon Project No. JA257006

				Sample Name:	SB-1-RW COMP	SB-2-RW COMP	DUP-2 (COMP)	SB-6-RW COMP	SB-7-RW COMP	DUPE COMP	SB-12-RW COMP	SB-14-RW COMP
				Date:	10/23/2025	10/23/2025	10/23/2025	10/24/2025	10/24/2025	10/24/2025	10/24/2025	10/23/2025
				Depth:	4 - 5 ft	10 - 11 ft	10 - 11 ft	5 - 6 ft	3 - 4 ft	3 - 4 ft	7 - 8 ft	10 - 11.5 ft
Analyte	CAS	Unit	NY Soil Protection of Groundwater	NY Soil Unrestricted								
E1633, ug / kg												
11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	763051-92-9	ug/kg			< 0.810 U	< 0.807 U						
1H,1H,2H,2H-perfluorodecane sulfonate (8:2 FTS)	39108-34-4	ug/kg			< 0.823 U	< 0.819 U						
1H,1H,2H,2H-perfluorohexane sulfonate (4:2 FTS)	757124-72-4	ug/kg			< 0.803 U	< 0.800 U						
1H,1H,2H,2H-perfluorooctane sulfonate (6:2 FTS)	27619-97-2	ug/kg			< 0.814 U	< 0.811 U						
2-(N-ethylperfluoro-1-octanesulfonamido)-ethanol	1691-99-2	ug/kg			< 2.14 U	< 2.13 U						
2-(N-methylperfluoro-1-octanesulfonamido)-ethanol	24448-09-7	ug/kg			< 2.14 U	< 2.13 U						
2H,2H,3H,3H-PERFLUORODECANOIC ACID	812-70-4	ug/kg			< 5.36 U	< 5.33 U						
3:3 FTCA	356-02-5	ug/kg			< 1.07 U	< 1.07 U						
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	919005-14-4	ug/kg			< 0.810 U	< 0.807 U						
5:3 FTCA	914637-49-3	ug/kg			< 5.36 U	< 5.33 U						
9-chlorohexadecafluoro-3-oxanone-1-sulfonic acid (9Cl-PF3ONS)	756426-58-1	ug/kg			< 0.801 U	< 0.798 U						
Hexafluoropropylene oxide dimer acid (HFPO-DA)	13252-13-6	ug/kg			< 0.857 U	< 0.854 U						
N-ethyl perfluorooctanesulfonamidoacetic acid (EtFOSAA)	2991-50-6	ug/kg			< 0.536 U	< 0.533 U						
N-ethylperfluoro-1-octanesulfonamide	4151-50-2	ug/kg			< 0.214 U	< 0.213 U						
N-methyl perfluorooctanesulfonamidoacetic acid (MeFOSAA)	2355-31-9	ug/kg			< 0.214 U	< 0.213 U						
N-methylperfluoro-1-octanesulfonamide	31506-32-8	ug/kg			< 0.214 U	< 0.213 U						
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	151772-58-6	ug/kg			< 0.428 U	< 0.427 U						
Perfluorinated sulfonamide (FOSA)	754-91-6	ug/kg			< 0.214 U	< 0.213 U						
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	113507-82-7	ug/kg			< 0.381 U	< 0.380 U						
Perfluoro-1-heptanesulfonic acid (PFHpS)	375-92-8	ug/kg			< 0.214 U	< 0.213 U						
Perfluoro-3-methoxypropanoic acid (PFMPA)	377-73-1	ug/kg			< 0.428 U	< 0.427 U						
Perfluoro-4-methoxybutanoic acid (PFMBA)	863090-89-5	ug/kg			< 0.428 U	< 0.427 U						
Perfluorobutanesulfonic acid (PFBS)	375-73-5	ug/kg			< 0.190 U	< 0.189 U						
Perfluorobutyric acid (PFBA)	375-22-4	ug/kg			< 0.857 U	< 0.854 U						
Perfluorodecanesulfonic acid (PFDS)	335-77-3	ug/kg			< 0.207 U	< 0.206 U						
Perfluorodecanoic acid (PFDA)	335-76-2	ug/kg			< 0.214 U	< 0.213 U						
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5	ug/kg			< 0.208 U	< 0.207 U						
Perfluorododecanoic acid (PFDoA)	307-55-1	ug/kg			< 0.214 U	< 0.213 U						
Perfluoroheptanoic acid (PFHpA)	375-85-9	ug/kg			< 0.214 U	< 0.213 U						
Perfluorohexanesulfonic acid (PFHxS)	206-587-1	ug/kg			< 0.196 U	< 0.195 U						
Perfluorohexanoic acid (PFHxA)	307-24-4	ug/kg										
Perfluorononanesulfonic acid (PFNS)	68259-12-1	ug/kg			< 0.206 U	< 0.205 U						
Perfluorononanoic acid (PFNA)	375-95-1	ug/kg			< 0.214 U	< 0.213 U						
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	ug/kg	1.0	0.88	< 0.199 U	0.0885 J						
Perfluorooctanoic acid (PFOA)	335-67-1	ug/kg	0.8	0.66	< 0.214 U	< 0.213 U						
Perfluoropentanesulfonic acid (PFPeS)	2706-91-4	ug/kg			< 0.201 U	< 0.201 U						
Perfluoropentanoic acid (PFPeA)	2706-90-3	ug/kg			< 0.428 U	< 0.427 U						
Perfluorotetradecanoic (PFTeA)	376-06-7	ug/kg			< 0.214 U	< 0.213 U						
Perfluorotridecanoic acid (PFTriA)	72629-94-8	ug/kg			< 0.214 U	< 0.213 U						
Perfluoroundecanoic acid (PFUnA)	2058-94-8	ug/kg			< 0.214 U	< 0.213 U						
SM2540G, %												
Percent Solids	10050	%			93.0	93.7	95.2	91.3	93.2	91.5	89.0	87.3
SW6010, mg / kg												
Aluminum	7429-90-5	mg/kg			16500	21800	19700	40900	16400	16000	9240	13400
Antimony	7440-36-0	mg/kg			< 2.24 U	< 2.22 U	< 2.19 U	< 2.28 U	< 2.24 U	< 2.28 U	< 2.34 U	< 2.39 U
Arsenic	7440-38-2	mg/kg	16	13	1.92	< 1.33 U	< 1.31 U	< 1.37 U	< 1.34 U	< 1.37 U	2.30	1.82
Barium	7440-39-3	mg/kg	820	350	369	226	185	417	119	123	90.8	134
Beryllium	7440-41-7	mg/kg	47	7.2	< 0.045 U	< 0.045 U	< 0.044 U	0.066	< 0.045 U	< 0.046 U	< 0.047 U	< 0.048 U
Cadmium	7440-43-9	mg/kg	7.5	2.5	< 0.269 U	0.267	< 0.263 U	0.420	< 0.268 U	< 0.273 U	< 0.281 U	< 0.286 U

Table 3
Runway Shoulders Project Composite Results

Calcium	7440-70-2	mg/kg			4320	1770	944	5280	9620	8390	2720	7390
Chromium	7440-47-3	mg/kg			19.1	38.2	29.6	41.1	22.9	22.7	19.3	37.0
Cobalt	7440-48-4	mg/kg			21.9	25.0	19.7	28.0	20.3	16.3	8.55	10.5
Copper	7440-50-8	mg/kg	1720	50	132	46.2	27.7	150	101	110	20.0	28.5
Iron	7439-89-6	mg/kg			31300	39400	33300	50700	24600	25100	17800	22300
Lead	7439-92-1	mg/kg	450	63	4.71	4.91	3.16	5.29	4.13	3.80	3.34	4.03
Magnesium	7439-95-4	mg/kg			8490	8670	6950	29400	6530	6760	3700	7790
Manganese	7439-96-5	mg/kg	2000	1600	446	244	298	524	391	321	280	393
Nickel	7440-02-0	mg/kg	130	30	23.9	30.7	16.3	37.1	27.2	27.6	14.9	24.2
Potassium	7440-09-7	mg/kg			2650	15700	12800	18700	2520	2520	3350	4150
Selenium	7782-49-2	mg/kg	4	3.9	< 2.24 U	< 2.22 U	< 2.19 U	< 2.28 U	< 2.24 U	< 2.28 U	< 2.34 U	< 2.39 U
Silver	7440-22-4	mg/kg	8.3	2	< 0.452 U	< 0.448 U	< 0.441 U	< 0.460 U	< 0.451 U	< 0.459 U	< 0.472 U	< 0.481 U
Sodium	7440-23-5	mg/kg			299	144	131	540	824	805	275	376
Thallium	7440-28-0	mg/kg			< 1.80 U	< 1.78 U	< 1.75 U	< 1.83 U	< 1.79 U	< 1.83 U	< 1.88 U	< 1.91 U
Vanadium	7440-62-2	mg/kg			73.2	55.1	41.0	114	74.5	79.0	33.0	43.2
Zinc	7440-66-6	mg/kg	2480	109	43.5	88.3	75.7	100	37.3	36.9	33.3	55.8
SW7473, mg/kg												
Mercury	7439-97-6	mg/kg	0.73	0.18	< 0.0323 U	< 0.0320 U	< 0.0315 U	< 0.0329 U	< 0.0322 U	< 0.0328 U	< 0.0337 U	< 0.0344 U
SW8081, mg/kg												
4,4'-DDD	72-54-8	mg/kg	14	0.0033	< 0.00177 UP	< 0.00174 UP	< 0.00173 UP	< 0.00180 UP	< 0.00175 UP	< 0.00178 UP	< 0.00184 UP	< 0.00186 UP
4,4'-DDE	72-55-9	mg/kg	17	0.0033	< 0.00177 UP	< 0.00174 UP	< 0.00173 UP	< 0.00180 UP	< 0.00175 UP	< 0.00178 UP	< 0.00184 UP	< 0.00186 UP
4,4'-Ddt	50-29-3	mg/kg	136	0.0033	< 0.00177 UP	< 0.00174 UP	< 0.00173 UP	< 0.00180 UP	< 0.00175 UP	< 0.00178 UP	< 0.00184 UP	< 0.00186 UP
Aldrin	309-00-2	mg/kg	0.19	0.005	< 0.00177 UP	< 0.00174 UP	< 0.00173 UP	< 0.00180 UP	< 0.00175 UP	< 0.00178 UP	< 0.00184 UP	< 0.00186 UP
Alpha-Bhc	319-84-6	mg/kg	0.02	0.02	< 0.00177 UP	< 0.00174 UP	< 0.00173 UP	< 0.00180 UP	< 0.00175 UP	< 0.00178 UP	< 0.00184 UP	< 0.00186 UP
Beta-Bhc	319-85-7	mg/kg	0.09	0.036	< 0.00177 UP	< 0.00174 UP	< 0.00173 UP	< 0.00180 UP	< 0.00175 UP	< 0.00178 UP	< 0.00184 UP	< 0.00186 UP
Chlordane	57-74-9	mg/kg			< 0.0354 UP	< 0.0349 UP	< 0.0346 UP	< 0.0360 UP	< 0.0351 UP	< 0.0356 UP	< 0.0368 UP	< 0.0372 UP
Delta-Bhc	319-86-8	mg/kg	0.25	0.04	< 0.00177 UP	< 0.00174 UP	< 0.00173 UP	< 0.00180 UP	< 0.00175 UP	< 0.00178 UP	< 0.00184 UP	< 0.00186 UP
Dieldrin	60-57-1	mg/kg	0.1	0.005	< 0.00177 UP	< 0.00174 UP	< 0.00173 U	< 0.00180 UP	< 0.00175 UP	< 0.00178 UP	< 0.00184 UP	< 0.00186 UP
Endosulfan I	959-98-8	mg/kg	102	2.4	< 0.00177 UP	< 0.00174 UP	< 0.00173 UP	< 0.00180 UP	< 0.00175 UP	< 0.00178 UP	< 0.00184 UP	< 0.00186 UP
Endosulfan II	33213-65-9	mg/kg	102	2.4	< 0.00177 UP	< 0.00174 UP	< 0.00173 UP	< 0.00180 UP	< 0.00175 UP	< 0.00178 UP	< 0.00184 UP	< 0.00186 UP
Endosulfan Sulfate	1031-07-8	mg/kg	1000	2.4	< 0.00177 UP	< 0.00174 UP	< 0.00173 UP	< 0.00180 UP	< 0.00175 UP	< 0.00178 UP	< 0.00184 UP	< 0.00186 UP
Endrin	72-20-8	mg/kg	0.06	0.014	< 0.00177 UP	< 0.00174 UP	< 0.00173 UP	< 0.00180 UP	< 0.00175 UP	< 0.00178 UP	< 0.00184 UP	< 0.00186 UP
Endrin Aldehyde	7421-93-4	mg/kg			< 0.00177 UP	< 0.00174 UP	< 0.00173 UP	< 0.00180 UP	< 0.00175 UP	< 0.00178 UP	< 0.00184 UP	< 0.00186 UP
Endrin Ketone	53494-70-5	mg/kg			< 0.00177 UP	< 0.00174 UP	< 0.00173 UP	< 0.00180 UP	< 0.00175 UP	< 0.00178 UP	< 0.00184 UP	< 0.00186 UP
Gamma-Bhc (Lindane)	58-89-9	mg/kg	0.1	0.1	< 0.00177 UP	< 0.00174 UP	< 0.00173 UP	< 0.00180 UP	< 0.00175 UP	< 0.00178 UP	< 0.00184 UP	< 0.00186 UP
Heptachlor	76-44-8	mg/kg	0.38	0.042	< 0.00177 UP	< 0.00174 UP	< 0.00173 UP	< 0.00180 UP	< 0.00175 UP	< 0.00178 UP	< 0.00184 UP	< 0.00186 UP
Heptachlor Epoxide	1024-57-3	mg/kg			< 0.00177 UP	< 0.00174 UP	< 0.00173 UP	< 0.00180 UP	< 0.00175 UP	< 0.00178 UP	< 0.00184 UP	< 0.00186 UP
Methoxychlor	72-43-5	mg/kg			< 0.00177 UP	< 0.00174 UP	< 0.00173 UP	< 0.00180 UP	< 0.00175 UP	< 0.00178 UP	< 0.00184 UP	< 0.00186 UP
Toxaphene	8001-35-2	mg/kg			< 0.177 UP	< 0.174 UP	< 0.173 UP	< 0.180 UP	< 0.175 UP	< 0.178 UP	< 0.184 UP	< 0.186 UP
SW8082, mg/kg												
Aroclor 1016	12674-11-2	mg/kg	3.2	0.1	< 0.0179 UP	< 0.0176 UP	< 0.0174 UP	< 0.0182 UP	< 0.0177 UP	< 0.0180 UP	< 0.0186 UP	< 0.0188 UP
Aroclor 1221	11104-28-2	ma/kg	3.2	0.1	< 0.0179 UP	< 0.0176 UP	< 0.0174 UP	< 0.0182 UP	< 0.0177 UP	< 0.0180 UP	< 0.0186 UP	< 0.0188 UP
Aroclor 1232	11141-16-5	mg/kg	3.2	0.1	< 0.0179 UP	< 0.0176 UP	< 0.0174 UP	< 0.0182 UP	< 0.0177 UP	< 0.0180 UP	< 0.0186 UP	< 0.0188 UP
Aroclor 1242	53469-21-9	mg/kg	3.2	0.1	< 0.0179 UP	< 0.0176 UP	< 0.0174 UP	< 0.0182 UP	< 0.0177 UP	< 0.0180 UP	< 0.0186 UP	< 0.0188 UP
Aroclor 1248	12672-29-6	mg/kg	3.2	0.1	< 0.0179 UP	< 0.0176 UP	< 0.0174 UP	< 0.0182 UP	< 0.0177 UP	< 0.0180 UP	< 0.0186 UP	< 0.0188 UP
Aroclor 1254	11097-69-1	mg/kg	3.2	0.1	< 0.0179 UP	< 0.0176 UP	< 0.0174 UP	< 0.0182 UP	< 0.0177 UP	< 0.0180 UP	< 0.0186 UP	< 0.0188 UP
Aroclor 1260	11096-82-5	mg/kg	3.2	0.1	< 0.0179 UP	< 0.0176 UP	< 0.0174 UP	< 0.0182 UP	< 0.0177 UP	< 0.0180 UP	< 0.0186 UP	< 0.0188 UP
Polychlorinated Biphenyls, Total	1336-36-3	mg/kg	3.2	0.1	< 0.0179 UP	< 0.0176 UP	< 0.0174 UP	< 0.0182 UP	< 0.0177 UP	< 0.0180 UP	< 0.0186 UP	< 0.0188 UP
SW8151, ug/kg												
2,4,5-TP (Silvex)	93-72-1	ug/kg	3800	3800	< 21.4 UP	< 21.3 UP	< 20.9 UP	< 21.8 UP	< 21.3 UP	< 21.8 UP	< 22.2 UP	< 22.6 UP
2,4,5-Trichlorophenoxyacetic acid	93-76-5	ug/kg			< 21.4 UP	< 21.3 UP	< 20.9 UP	< 21.8 UP	< 21.3 UP	< 21.8 UP	< 22.2 UP	< 22.6 UP
2,4-D	94-75-7	ug/kg			< 21.4 UP	< 21.3 UP	< 20.9 UP	< 21.8 UP	< 21.3 UP	< 21.8 UP	< 22.2 UP	< 22.6 UP
SW8270, mg/kg												
1,1'-Biphenyl	92-52-4	mg/kg			< 0.0894 U	< 0.0887 U	< 0.0874 U	< 0.0907 U	< 0.0889 U	< 0.0906 U	< 0.0930 U	< 0.0949 U
1,2,4,5-Tetrachlorobenzene	95-94-3	mg/kg			< 0.179 U	< 0.177 U	< 0.174 U	< 0.181 U	< 0.178 U	< 0.181 U	< 0.186 U	< 0.190 U
1,2,4-Trichlorobenzene	120-82-1	mg/kg			< 0.0894 U	< 0.0887 U	< 0.0874 U	< 0.0907 U	< 0.0889 U	< 0.0906 U	< 0.0930 U	< 0.0949 U
1,2-Dichlorobenzene	95-50-1	mg/kg	1.1	1.1	< 0.0894 U	< 0.0887 U	< 0.0874 U	< 0.0907 U	< 0.0889 U	< 0.0906 U	< 0.0930 U	< 0.0949 U

Table 3
Runway Shoulders Project Composite Results

1,2-Diphenylhydrazine	122-66-7	mg/kg			< 0.0894 U	< 0.0887 U	< 0.0874 U	< 0.0907 U	< 0.0889 U	< 0.0906 U	< 0.0930 U	< 0.0949 U
1,3-Dichlorobenzene	541-73-1	mg/kg	2.4	2.4	< 0.0894 U	< 0.0887 U	< 0.0874 U	< 0.0907 U	< 0.0889 U	< 0.0906 U	< 0.0930 U	< 0.0949 U
1,4-Dichlorobenzene	106-46-7	mg/kg	1.8	1.8	< 0.0894 U	< 0.0887 U	< 0.0874 U	< 0.0907 U	< 0.0889 U	< 0.0906 U	< 0.0930 U	< 0.0949 U
2,3,4,6-Tetrachlorophenol	58-90-2	mg/kg			< 0.179 U	< 0.177 U	< 0.174 U	< 0.181 U	< 0.178 U	< 0.181 U	< 0.186 U	< 0.190 U
2,4,5-Trichlorophenol	95-95-4	mg/kg			< 0.0894 U	< 0.0887 U	< 0.0874 U	< 0.0907 U	< 0.0889 U	< 0.0906 U	< 0.0930 U	< 0.0949 U
2,4,6-Trichlorophenol	88-06-2	mg/kg			< 0.0894 U	< 0.0887 U	< 0.0874 U	< 0.0907 U	< 0.0889 U	< 0.0906 U	< 0.0930 U	< 0.0949 U
2,4-Dichlorophenol	120-83-2	mg/kg			< 0.0894 U	< 0.0887 U	< 0.0874 U	< 0.0907 U	< 0.0889 U	< 0.0906 U	< 0.0930 U	< 0.0949 U
2,4-Dimethylphenol	105-67-9	mg/kg			< 0.0894 U	< 0.0887 U	< 0.0874 U	< 0.0907 U	< 0.0889 U	< 0.0906 U	< 0.0930 U	< 0.0949 U
2,4-Dinitrophenol	51-28-5	mg/kg			< 0.179 U	< 0.177 U	< 0.174 U	< 0.181 U	< 0.178 U	< 0.181 U	< 0.186 U	< 0.190 U
2,4-Dinitrotoluene	121-14-2	mg/kg			< 0.0894 U	< 0.0887 U	< 0.0874 U	< 0.0907 U	< 0.0889 U	< 0.0906 U	< 0.0930 U	< 0.0949 U
2,6-Dinitrotoluene	606-20-2	mg/kg			< 0.0894 U	< 0.0887 U	< 0.0874 U	< 0.0907 U	< 0.0889 U	< 0.0906 U	< 0.0930 U	< 0.0949 U
2-Chloronaphthalene	91-58-7	mg/kg			< 0.0894 U	< 0.0887 U	< 0.0874 U	< 0.0907 U	< 0.0889 U	< 0.0906 U	< 0.0930 U	< 0.0949 U
2-Chlorophenol	95-57-8	mg/kg			< 0.0894 U	< 0.0887 U	< 0.0874 U	< 0.0907 U	< 0.0889 U	< 0.0906 U	< 0.0930 U	< 0.0949 U
2-Methylnaphthalene	91-57-6	mg/kg			< 0.0894 U	< 0.0887 U	< 0.0874 U	< 0.0907 U	< 0.0889 U	< 0.0906 U	< 0.0930 U	< 0.0949 U
2-Nitroaniline	88-74-4	mg/kg			< 0.179 U	< 0.177 U	< 0.174 U	< 0.181 U	< 0.178 U	< 0.181 U	< 0.186 U	< 0.190 U
2-Nitrophenol	88-75-5	mg/kg			< 0.0894 U	< 0.0887 U	< 0.0874 U	< 0.0907 U	< 0.0889 U	< 0.0906 U	< 0.0930 U	< 0.0949 U
3,3`-Dichlorobenzidine	91-94-1	mg/kg			< 0.0894 U	< 0.0887 U	< 0.0874 U	< 0.0907 U	< 0.0889 U	< 0.0906 U	< 0.0930 U	< 0.0949 U
3-Nitroaniline	99-09-2	mg/kg			< 0.179 U	< 0.177 U	< 0.174 U	< 0.181 U	< 0.178 U	< 0.181 U	< 0.186 U	< 0.190 U
4,6-Dinitro-2-Methylphenol	534-52-1	mg/kg			< 0.179 U	< 0.177 U	< 0.174 U	< 0.181 U	< 0.178 U	< 0.181 U	< 0.186 U	< 0.190 U
4-Bromophenyl Phenyl Ether	101-55-3	mg/kg			< 0.0894 U	< 0.0887 U	< 0.0874 U	< 0.0907 U	< 0.0889 U	< 0.0906 U	< 0.0930 U	< 0.0949 U
4-Chloro-3-Methylphenol	59-50-7	mg/kg			< 0.0894 U	< 0.0887 U	< 0.0874 U	< 0.0907 U	< 0.0889 U	< 0.0906 U	< 0.0930 U	< 0.0949 U
4-Chloroaniline	106-47-8	mg/kg			< 0.0894 U	< 0.0887 U	< 0.0874 U	< 0.0907 U	< 0.0889 U	< 0.0906 U	< 0.0930 U	< 0.0949 U
4-Chlorophenyl Phenylether	7005-72-3	mg/kg			< 0.0894 U	< 0.0887 U	< 0.0874 U	< 0.0907 U	< 0.0889 U	< 0.0906 U	< 0.0930 U	< 0.0949 U
4-Nitroaniline	100-01-6	mg/kg			< 0.179 U	< 0.177 U	< 0.174 U	< 0.181 U	< 0.178 U	< 0.181 U	< 0.186 U	< 0.190 U
4-Nitrophenol	100-02-7	mg/kg			< 0.179 U	< 0.177 U	< 0.174 U	< 0.181 U	< 0.178 U	< 0.181 U	< 0.186 U	< 0.190 U
Acenaphthene	83-32-9	mg/kg	98	20	< 0.0894 U	< 0.0887 U	< 0.0874 U	< 0.0907 U	< 0.0889 U	< 0.0906 U	< 0.0930 U	< 0.0949 U
Acenaphthylene	208-96-8	mg/kg	107	100	< 0.0894 U	< 0.0887 U	< 0.0874 U	< 0.0907 U	< 0.0889 U	< 0.0906 U	< 0.0930 U	< 0.0949 U
Acetophenone	98-86-2	mg/kg			< 0.0894 U	< 0.0887 U	< 0.0874 U	< 0.0907 U	< 0.0889 U	< 0.0906 U	< 0.0930 U	< 0.0949 U
Aniline	62-53-3	mg/kg			< 0.358 U	< 0.355 U	< 0.350 U	< 0.363 U	< 0.356 U	< 0.363 U	< 0.373 U	< 0.380 U
Anthracene	120-12-7	mg/kg	1000	100	< 0.0894 U	< 0.0887 U	< 0.0874 U	< 0.0907 U	< 0.0889 U	< 0.0906 U	< 0.0930 U	< 0.0949 U
Atrazine	1912-24-9	mg/kg			< 0.0894 U	< 0.0887 U	< 0.0874 U	< 0.0907 U	< 0.0889 U	< 0.0906 U	< 0.0930 U	< 0.0949 U
Benzaldehyde	100-52-7	mg/kg			< 0.0894 U	< 0.0887 U	< 0.0874 U	< 0.0907 U	< 0.0889 U	< 0.0906 U	< 0.0930 U	< 0.0949 U
Benzidine	92-87-5	mg/kg			< 0.358 U	< 0.355 U	< 0.350 U	< 0.363 U	< 0.356 U	< 0.363 U	< 0.373 U	< 0.380 U
Benzo(a)anthracene	56-55-3	mg/kg	1	1	< 0.0894 U	< 0.0887 U	< 0.0874 U	< 0.0907 U	< 0.0889 U	< 0.0906 U	< 0.0930 U	< 0.0949 U
Benzo(a)pyrene	50-32-8	mg/kg	22	1	< 0.0894 U	< 0.0887 U	< 0.0874 U	< 0.0907 U	< 0.0889 U	< 0.0906 U	< 0.0930 U	< 0.0949 U
Benzo(b)fluoranthene	205-99-2	mg/kg	1.7	1	< 0.0894 U	< 0.0887 U	< 0.0874 U	< 0.0907 U	< 0.0889 U	< 0.0906 U	< 0.0930 U	< 0.0949 U
Benzo(g,h,i)perylene	191-24-2	mg/kg	1000	100	< 0.0894 U	< 0.0887 U	< 0.0874 U	< 0.0907 U	< 0.0889 U	< 0.0906 U	< 0.0930 U	< 0.0949 U
Benzo(k)fluoranthene	207-08-9	mg/kg	1.7	0.8	< 0.0894 U	< 0.0887 U	< 0.0874 U	< 0.0907 U	< 0.0889 U	< 0.0906 U	< 0.0930 U	< 0.0949 U
Benzoic Acid	65-85-0	mg/kg			< 0.0894 U	< 0.0887 U	< 0.0874 U	< 0.0907 U	< 0.0889 U	< 0.0906 U	< 0.0930 U	< 0.0949 U
Benzyl Alcohol	100-51-6	mg/kg			< 0.0894 U	< 0.0887 U	< 0.0874 U	< 0.0907 U	< 0.0889 U	< 0.0906 U	< 0.0930 U	< 0.0949 U
Bis(2-chloroethoxy) methane	111-91-1	mg/kg			< 0.0894 U	< 0.0887 U	< 0.0874 U	< 0.0907 U	< 0.0889 U	< 0.0906 U	< 0.0930 U	< 0.0949 U
Bis(2-chloroethyl) ether	111-44-4	mg/kg			< 0.0894 U	< 0.0887 U	< 0.0874 U	< 0.0907 U	< 0.0889 U	< 0.0906 U	< 0.0930 U	< 0.0949 U
Bis(2-ethylhexyl) phthalate	117-81-7	mg/kg			< 0.0894 U	< 0.0887 U	< 0.0874 U	< 0.0907 U	< 0.0889 U	< 0.0906 U	< 0.0930 U	< 0.0949 U
Bis-chloroisopropyl ether	108-60-1	mg/kg			< 0.0894 U	< 0.0887 U	< 0.0874 U	< 0.0907 U	< 0.0889 U	< 0.0906 U	< 0.0930 U	< 0.0949 U
Butyl Benzyl Phthalate	85-68-7	mg/kg			< 0.0894 U	< 0.0887 U	< 0.0874 U	< 0.0907 U	< 0.0889 U	< 0.0906 U	< 0.0930 U	< 0.0949 U
Caprolactam	105-60-2	mg/kg			< 0.179 U	< 0.177 U	< 0.174 U	< 0.181 U	< 0.178 U	< 0.181 U	< 0.186 U	< 0.190 U
Carbazole	86-74-8	mg/kg			< 0.0894 U	< 0.0887 U	< 0.0874 U	< 0.0907 U	< 0.0889 U	< 0.0906 U	< 0.0930 U	< 0.0949 U
Chrysene	218-01-9	mg/kg	1	1	< 0.0894 U	< 0.0887 U	< 0.0874 U	< 0.0907 U	< 0.0889 U	< 0.0906 U	< 0.0930 U	< 0.0949 U
Dibenzo(a,h)anthracene	53-70-3	mg/kg	1000	0.33	< 0.0894 U	< 0.0887 U	< 0.0874 U	< 0.0907 U	< 0.0889 U	< 0.0906 U	< 0.0930 U	< 0.0949 U
Dibenzofuran	132-64-9	mg/kg	210	7	< 0.0894 U	< 0.0887 U	< 0.0874 U	< 0.0907 U	< 0.0889 U	< 0.0906 U	< 0.0930 U	< 0.0949 U
Diethylphthalate	84-66-2	mg/kg			< 0.0894 U	< 0.0887 U	< 0.0874 U	< 0.0907 U	< 0.0889 U	< 0.0906 U	< 0.0930 U	< 0.0949 U
Dimethylphthalate	131-11-3	mg/kg			< 0.0894 U	< 0.0887 U	< 0.0874 U	< 0.0907 U	< 0.0889 U	< 0.0906 U	< 0.0930 U	< 0.0949 U
Di-N-Butylphthalate	84-74-2	mg/kg			< 0.0894 U	< 0.0887 U	< 0.0874 U	< 0.0907 U	< 0.0889 U	< 0.0906 U	< 0.0930 U	< 0.0949 U
Di-N-Octyl Phthalate	117-84-0	mg/kg			< 0.0894 U	< 0.0887 U	< 0.0874 U	< 0.0907 U	< 0.0889 U	< 0.0906 U	< 0.0930 U	< 0.0949 U
Diphenylamine	122-39-4	mg/kg			< 0.179 U	< 0.177 U	< 0.174 U	< 0.181 U	< 0.178 U	< 0.181 U	< 0.186 U	< 0.190 U
Fluoranthene	206-44-0	mg/kg	1000	100	< 0.0894 U	0.0574 JD	< 0.0874 U	< 0.0907 U	< 0.0889 U	< 0.0906 U	< 0.0930 U	< 0.0949 U
Fluorene	86-73-7	mg/kg	386	30	< 0.0894 U	< 0.0887 U	< 0.0874 U	< 0.0907 U	< 0.0889 U	< 0.0906 U	< 0.0930 U	< 0.0949 U
Hexachlorobenzene	118-74-1	mg/kg	3.2	0.33	< 0.0894 U	< 0.0887 U	< 0.0874 U	< 0.0907 U	< 0.0889 U	< 0.0906 U	< 0.0930 U	< 0.0949 U
Hexachlorobutadiene	87-68-3	mg/kg			< 0.0894 U	< 0.0887 U	< 0.0874 U	< 0.0907 U	< 0.0889 U	< 0.0906 U	< 0.0930 U	< 0.0949 U

Table 3
Runway Shoulders Project Composite Results

Hexachlorocyclopentadiene	77-47-4	mg/kg			< 0.0894 U	< 0.0887 U	< 0.0874 U	< 0.0907 U	< 0.0889 U	< 0.0906 U	< 0.0930 U	< 0.0949 U
Hexachloroethane	67-72-1	mg/kg			< 0.0894 U	< 0.0887 U	< 0.0874 U	< 0.0907 U	< 0.0889 U	< 0.0906 U	< 0.0930 U	< 0.0949 U
Indeno(1,2,3-Cd)Pyrene	193-39-5	mg/kg	8.2	0.5	< 0.0894 U	< 0.0887 U	< 0.0874 U	< 0.0907 U	< 0.0889 U	< 0.0906 U	< 0.0930 U	< 0.0949 U
Isophorone	78-59-1	mg/kg			< 0.0894 U	< 0.0887 U	< 0.0874 U	< 0.0907 U	< 0.0889 U	< 0.0906 U	< 0.0930 U	< 0.0949 U
Naphthalene	91-20-3	mg/kg	12	12	< 0.0894 U	< 0.0887 U	< 0.0874 U	< 0.0907 U	< 0.0889 U	< 0.0906 U	< 0.0930 U	< 0.0949 U
Nitrobenzene	98-95-3	mg/kg			< 0.0894 U	< 0.0887 U	< 0.0874 U	< 0.0907 U	< 0.0889 U	< 0.0906 U	< 0.0930 U	< 0.0949 U
N-Nitrosodimethylamine	62-75-9	mg/kg			< 0.0894 U	< 0.0887 U	< 0.0874 U	< 0.0907 U	< 0.0889 U	< 0.0906 U	< 0.0930 U	< 0.0949 U
N-Nitroso-Di-N-Propylamine	621-64-7	mg/kg			< 0.0894 U	< 0.0887 U	< 0.0874 U	< 0.0907 U	< 0.0889 U	< 0.0906 U	< 0.0930 U	< 0.0949 U
N-Nitrosodiphenylamine	86-30-6	mg/kg			< 0.0894 U	< 0.0887 U	< 0.0874 U	< 0.0907 U	< 0.0889 U	< 0.0906 U	< 0.0930 U	< 0.0949 U
o-Cresol	95-48-7	mg/kg	0.33	0.33	< 0.0894 U	< 0.0887 U	< 0.0874 U	< 0.0907 U	< 0.0889 U	< 0.0906 U	< 0.0930 U	< 0.0949 U
Pentachlorophenol	87-86-5	mg/kg	0.8	0.8	< 0.0894 U	< 0.0887 U	< 0.0874 U	< 0.0907 U	< 0.0889 U	< 0.0906 U	< 0.0930 U	< 0.0949 U
Phenanthrene	85-01-8	mg/kg	1000	100	< 0.0894 U	< 0.0887 U	< 0.0874 U	< 0.0907 U	< 0.0889 U	< 0.0906 U	< 0.0930 U	< 0.0949 U
Phenol	108-95-2	mg/kg	0.33	0.33	< 0.0894 U	< 0.0887 U	< 0.0874 U	< 0.0907 U	< 0.0889 U	< 0.0906 U	< 0.0930 U	< 0.0949 U
Phenol, 3(or 4)-methyl-	65794-96-9	mg/kg			< 0.0894 U	< 0.0887 U	< 0.0874 U	< 0.0907 U	< 0.0889 U	< 0.0906 U	< 0.0930 U	< 0.0949 U
Pyrene	129-00-0	mg/kg	1000	100	< 0.0894 U	0.0525 JD	< 0.0874 U	< 0.0907 U	< 0.0889 U	< 0.0906 U	< 0.0930 U	< 0.0949 U
<u>SW8270D SIM. ug/kg</u>												
1,4-Dioxane	123-91-1	ug/kg	100	100	< 19.6 U	< 19.4 U	< 19.8 U	< 19.4 U	< 20.0 U	< 20.0 U	< 20.0 U	< 19.6 U

Table 4

CAMP Runway Shoulder Project

Westchester County Airport / NYSDEC BCP Site No. C360174

240 Airport Road, West Harrison, New York 10604

Westchester County Airport DustTrak Readings - 10/23/25			
Upwind- FA02714		Downwind- FA01284	
Time	Measurement (mg/m³)	Time	Measurement (mg/m³)
0:28	0.008	0:15	0.023
0:29	0.008	0:16	0.012
0:30	0.007	0:17	0.011
0:31	0.009	0:18	0.011
0:32	0.01	0:19	0.011
0:33	0.008	0:20	0.011
0:34	0.008	0:21	0.011
0:35	0.008	0:22	0.011
0:36	0.008	0:23	0.011
0:37	0.009	0:24	0.012
0:38	0.008	0:25	0.011
0:39	0.009	0:26	0.011
0:40	0.009	0:27	0.011
0:41	0.009	0:28	0.011
0:42	0.009	0:29	0.011
0:43	0.009	0:30	0.011
0:44	0.009	0:31	0.011
0:45	0.009	0:32	0.011
0:46	0.01	0:33	0.011
0:47	0.009	0:34	0.011
0:48	0.009	0:35	0.011
0:49	0.01	0:36	0.011
0:50	0.009	0:37	0.011
0:51	0.009	0:38	0.011
0:52	0.009	0:39	0.011
0:53	0.01	0:40	0.011
0:54	0.009	0:41	0.011
0:55	0.01	0:42	0.011
0:56	0.009	0:43	0.011
0:57	0.01	0:44	0.011
0:58	0.01	0:45	0.011
0:59	0.01	0:46	0.011
1:00	0.009	0:47	0.011
1:01	0.01	0:48	0.011
1:02	0.011	0:49	0.011
1:03	0.01	0:50	0.011
1:04	0.01	0:51	0.011
1:05	0.01	0:52	0.011
1:06	0.01	0:53	0.011
1:07	0.009	0:54	0.011
1:08	0.01	0:55	0.011
1:09	0.01	0:56	0.011
1:10	0.009	0:57	0.011
1:11	0.01	0:58	0.011
1:12	0.01	0:59	0.011
1:13	0.011	1:00	0.011
1:14	0.01	1:01	0.011
1:15	0.01	1:02	0.011
1:16	0.01	1:03	0.011
1:17	0.01	1:04	0.011
1:18	0.011	1:05	0.011
1:19	0.01	1:06	0.011
1:20	0.009	1:07	0.011
1:21	0.01	1:08	0.011
1:22	0.02	1:09	0.011
1:23	0.009	1:10	0.011
1:24	0.01	1:11	0.011
1:25	0.009	1:12	0.011
1:26	0.01	1:13	0.011
1:27	0.01	1:14	0.011
1:28	0.01	1:15	0.011
1:29	0.009	1:16	0.011
1:30	0.009	1:17	0.01
1:31	0.009	1:18	0.011
1:32	0.01	1:19	0.011
1:33	0.01	1:20	0.01
1:34	0.01	1:21	0.011
1:35	0.009	1:22	0.01
1:36	0.009	1:23	0.01
1:37	0.009	1:24	0.011
1:38	0.009	1:25	0.01
1:39	0.009	1:26	0.01
1:40	0.01	1:27	0.01
1:41	0.009	1:28	0.01
1:42	0.009	1:29	0.01
1:43	0.009	1:30	0.01
1:44	0.009	1:31	0.01
1:45	0.009	1:32	0.01

Westchester County Airport DustTrak Readings - 10/24/25			
Upwind- FA02714		Downwind- FA01284	
Time	Measurement (mg/m³)	Time	Measurement (mg/m³)
0:23	0.012	0:15	0.01
0:24	0.009	0:16	0.01
0:25	0.009	0:17	0.01
0:26	0.009	0:18	0.01
0:27	0.009	0:19	0.01
0:28	0.009	0:20	0.01
0:29	0.009	0:21	0.01
0:30	0.009	0:22	0.01
0:31	0.008	0:23	0.01
0:32	0.008	0:24	0.01
0:33	0.008	0:25	0.01
0:34	0.008	0:26	0.01
0:35	0.008	0:27	0.01
0:36	0.009	0:28	0.01
0:37	0.009	0:29	0.01
0:38	0.009	0:30	0.01
0:39	0.008	0:31	0.01
0:40	0.009	0:32	0.01
0:41	0.009	0:33	0.01
0:42	0.008	0:34	0.01
0:43	0.008	0:35	0.01
0:44	0.008	0:36	0.01
0:45	0.008	0:37	0.01
0:46	0.008	0:38	0.01
0:47	0.008	0:39	0.01
0:48	0.008	0:40	0.01
0:49	0.008	0:41	0.01
0:50	0.008	0:42	0.01
0:51	0.008	0:43	0.01
0:52	0.008	0:44	0.01
0:53	0.008	0:45	0.01
0:54	0.008	0:46	0.01
0:55	0.008	0:47	0.01
0:56	0.008	0:48	0.01
0:57	0.008	0:49	0.01
0:58	0.008	0:50	0.01
0:59	0.008	0:51	0.01
1:00	0.008	0:52	0.01
1:01	0.009	0:53	0.01
1:02	0.008	0:54	0.01
1:03	0.008	0:55	0.01
1:04	0.008	0:56	0.01
1:05	0.008	0:57	0.01
1:06	0.008	0:58	0.01
1:07	0.008	0:59	0.01
1:08	0.008	1:00	0.01
1:09	0.008	1:01	0.01
1:10	0.008	1:02	0.01
1:11	0.008	1:03	0.01
1:12	0.008	1:04	0.01
1:13	0.008	1:05	0.01
1:14	0.008	1:06	0.01
1:15	0.008	1:07	0.01
1:16	0.008	1:08	0.01
1:17	0.008	1:09	0.01
1:18	0.008	1:10	0.01
1:19	0.008	1:11	0.01
1:20	0.008	1:12	0.01
1:21	0.008	1:13	0.01
1:22	0.008	1:14	0.01
1:23	0.008	1:15	0.01
1:24	0.008	1:16	0.01
1:25	0.008	1:17	0.01
1:26	0.008	1:18	0.01
1:27	0.008	1:19	0.01
1:28	0.008	1:20	0.01
1:29	0.008	1:21	0.01
1:30	0.008	1:22	0.01
1:31	0.007	1:23	0.01
1:32	0.008	1:24	0.01
1:33	0.008	1:25	0.01
1:34	0.008	1:26	0.01
1:35	0.008	1:27	0.01
1:36	0.007	1:28	0.01
1:37	0.007	1:29	0.01
1:38	0.007	1:30	0.01
1:39	0.008	1:31	0.01
1:40	0.007	1:32	0.01

Table 4

CAMP Runway Shoulder Project

Westchester County Airport / NYSDEC BCP Site No. C360174

240 Airport Road, West Harrison, New York 10604

Westchester County Airport DustTrak Readings - 10/23/25			
Upwind- FA02714		Downwind- FA01284	
Time	Measurement (mg/m³)	Time	Measurement (mg/m³)
1:46	0.009	1:33	0.01
1:47	0.009	1:34	0.01
1:48	0.009	1:35	0.01
1:49	0.009	1:36	0.01
1:50	0.009	1:37	0.01
1:51	0.009	1:38	0.01
1:52	0.008	1:39	0.01
1:53	0.009	1:40	0.01
1:54	0.008	1:41	0.01
1:55	0.009	1:42	0.01
1:56	0.009	1:43	0.01
1:57	0.009	1:44	0.01
1:58	0.009	1:45	0.01
1:59	0.008	1:46	0.01
2:00	0.009	1:47	0.011
2:01	0.009	1:48	0.009
2:02	0.009	1:49	0.009
2:03	0.008	1:50	0.009
2:04	0.008	1:51	0.009
2:05	0.008	1:52	0.01
2:06	0.009	1:53	0.009
2:07	0.009	1:54	0.009
2:08	0.008	1:55	0.009
2:09	0.008	1:56	0.009
2:10	0.008	1:57	0.009
2:11	0.008	1:58	0.009
2:12	0.009	1:59	0.009
2:13	0.009	2:00	0.009
2:14	0.008	2:01	0.009
2:15	0.008	2:02	0.009
2:16	0.008	2:03	0.009
2:17	0.008	2:04	0.009
2:18	0.008	2:05	0.009
2:19	0.009	2:06	0.009
2:20	0.008	2:07	0.009
2:21	0.008	2:08	0.009
2:22	0.009	2:09	0.009
2:23	0.008	2:10	0.009
2:24	0.008	2:11	0.009
2:25	0.008	2:12	0.009
2:26	0.008	2:13	0.009
2:27	0.008	2:14	0.009
2:28	0.008	2:15	0.009
2:29	0.008	2:16	0.009
2:30	0.008	2:17	0.009
2:31	0.008	2:18	0.009
2:32	0.009	2:19	0.009
2:33	0.008	2:20	0.009
2:34	0.008	2:21	0.009
2:35	0.008	2:22	0.009
2:36	0.008	2:23	0.009
2:37	0.009	2:24	0.009
2:38	0.009	2:25	0.009
2:39	0.008	2:26	0.009
2:40	0.008	2:27	0.009
2:41	0.008	2:28	0.009
2:42	0.008	2:29	0.009
2:43	0.008	2:30	0.009
2:44	0.009	2:31	0.009
2:45	0.008	2:32	0.009
2:46	0.008	2:33	0.009
2:47	0.008	2:34	0.009
2:48	0.008	2:35	0.009
2:49	0.008	2:36	0.009
2:50	0.008	2:37	0.009
2:51	0.008	2:38	0.009
2:52	0.008	2:39	0.009
2:53	0.007	2:40	0.009
2:54	0.008	2:41	0.009
2:55	0.008	2:42	0.009
2:56	0.008	2:43	0.009
2:57	0.008	2:44	0.009
2:58	0.008	2:45	0.009
2:59	0.008	2:46	0.009
3:00	0.007	2:47	0.009
3:01	0.008	2:48	0.009
3:02	0.007	2:49	0.009
3:03	0.008	2:50	0.009

Westchester County Airport DustTrak Readings - 10/24/25			
Upwind- FA02714		Downwind- FA01284	
Time	Measurement (mg/m³)	Time	Measurement (mg/m³)
1:41	0.006	1:33	0.01
1:42	0.006	1:34	0.01
1:43	0.006	1:35	0.01
1:44	0.005	1:36	0.01
1:45	0.005	1:37	0.01
1:46	0.006	1:38	0.01
1:47	0.006	1:39	0.01
1:48	0.005	1:40	0.01
1:49	0.006	1:41	0.01
1:50	0.006	1:42	0.01
1:51	0.006	1:43	0.01
1:52	0.006	1:44	0.01
1:53	0.006	1:45	0.01
1:54	0.006	1:46	0.01
1:55	0.006	1:47	0.01
1:56	0.006	1:48	0.01
1:57	0.006	1:49	0.01
1:58	0.006	1:50	0.01
1:59	0.006	1:51	0.01
2:00	0.006	1:52	0.01
2:01	0.006	1:53	0.01
2:02	0.006	1:54	0.01
2:03	0.006	1:55	0.01
2:04	0.006	1:56	0.01
2:05	0.006	1:57	0.01
2:06	0.006	1:58	0.01
2:07	0.006	1:59	0.01
2:08	0.006	2:00	0.01
2:09	0.006	2:01	0.01
2:10	0.006	2:02	0.01
2:11	0.006	2:03	0.01
2:12	0.006	2:04	0.01
2:13	0.006	2:05	0.01
2:14	0.006	2:06	0.01
2:15	0.006	2:07	0.01
2:16	0.006	2:08	0.01
2:17	0.005	2:09	0.01
2:18	0.005	2:10	0.01
2:19	0.005	2:11	0.01
2:20	0.005	2:12	0.01
2:21	0.005	2:13	0.01
2:22	0.005	2:14	0.01
2:23	0.005	2:15	0.01
2:24	0.006	2:16	0.01
2:25	0.006	2:17	0.01
2:26	0.006	2:18	0.01
2:27	0.006	2:19	0.01
2:28	0.006	2:20	0.01
2:29	0.006	2:21	0.01
2:30	0.006	2:22	0.01
2:31	0.006	2:23	0.01
2:32	0.007	2:24	0.01
2:33	0.006	2:25	0.01
2:34	0.007	2:26	0.01
2:35	0.006	2:27	0.01
2:36	0.006	2:28	0.01
2:37	0.006	2:29	0.01
2:38	0.006	2:30	0.01
2:39	0.006	2:31	0.01
2:40	0.006	2:32	0.01
2:41	0.005	2:33	0.01
2:42	0.005	2:34	0.01
2:43	0.006	2:35	0.01
2:44	0.005	2:36	0.01
2:45	0.005	2:37	0.01
2:46	0.005	2:38	0.01
2:47	0.005	2:39	0.01
2:48	0.004	2:40	0.01
2:49	0.004	2:41	0.01
2:50	0.004	2:42	0.01
2:51	0.004	2:43	0.01
2:52	0.004	2:44	0.01
2:53	0.004	2:45	0.01
2:54	0.004	2:46	0.01
2:55	0.004	2:47	0.01
2:56	0.004	2:48	0.01
2:57	0.004	2:49	0.01
2:58	0.004	2:50	0.01

Table 4
CAMP Runway Shoulder Project
Westchester County Airport / NYSDEC BCP Site No. C360174
240 Airport Road, West Harrison, New York 10604

Westchester County Airport DustTrak Readings - 10/23/25			
Upwind- FA02714		Downwind- FA01284	
Time	Measurement (mg/m³)	Time	Measurement (mg/m³)
3:04	0.007	2:51	0.009
3:05	0.007	2:52	0.009
3:06	0.008	2:53	0.009
3:07	0.007	2:54	0.009
3:08	0.007	2:55	0.009
3:09	0.007	2:56	0.009
3:10	0.007	2:57	0.009
3:11	0.007	2:58	0.009
3:12	0.007	2:59	0.009
3:13	0.007	3:00	0.009
3:14	0.007	3:01	0.009
3:15	0.007	3:02	0.009
3:16	0.007	3:03	0.009
3:17	0.007	3:04	0.009
3:18	0.007	3:05	0.009
3:19	0.007	3:06	0.008
3:20	0.007	3:07	0.009
3:21	0.007	3:08	0.008
3:22	0.007	3:09	0.008
3:23	0.007	3:10	0.008
3:24	0.007	3:11	0.008
3:25	0.007	3:12	0.008
3:26	0.007	3:13	0.008
3:27	0.007	3:14	0.008
3:28	0.007	3:15	0.008
3:29	0.007	3:16	0.008
3:30	0.007	3:17	0.008
3:31	0.007	3:18	0.008
3:32	0.007	3:19	0.008
3:33	0.007	3:20	0.008
3:34	0.006	3:21	0.008
3:35	0.007	3:22	0.008
3:36	0.007	3:23	0.008
3:37	0.007	3:24	0.008
3:38	0.007	3:25	0.008
3:39	0.007	3:26	0.008
3:40	0.007	3:27	0.008
3:41	0.006	3:28	0.008
3:42	0.007	3:29	0.008
3:43	0.006	3:30	0.008
3:44	0.006	3:31	0.008
3:45	0.006	3:32	0.008
3:46	0.006	3:33	0.008
3:47	0.006	3:34	0.008
3:48	0.006	3:35	0.008
3:49	0.007	3:36	0.008
3:50	0.006	3:37	0.008
3:51	0.006	3:38	0.008
3:52	0.006	3:39	0.008
3:53	0.006	3:40	0.008
3:54	0.006	3:41	0.007
3:55	0.006	3:42	0.008
3:56	0.006	3:43	0.007
3:57	0.006	3:44	0.007
3:58	0.006	3:45	0.007
3:59	0.006	3:46	0.007
4:00	0.006	3:47	0.007
4:01	0.006	3:48	0.007
4:02	0.006	3:49	0.007
4:03	0.006	3:50	0.007
4:04	0.006	3:51	0.007
4:05	0.006	3:52	0.007
4:06	0.006	3:53	0.007
4:07	0.006	3:54	0.007
4:08	0.006	3:55	0.007
4:09	0.006	3:56	0.007
4:10	0.006	3:57	0.007
4:11	0.006	3:58	0.007
4:12	0.006	3:59	0.007
4:13	0.006	4:00	0.007
4:14	0.006	4:01	0.007
4:15	0.006	4:02	0.007
4:16	0.006	4:03	0.007
4:17	0.007	4:04	0.007
4:18	0.006	4:05	0.007
4:19	0.006	4:06	0.007
4:20	0.006	4:07	0.007
4:21	0.006	4:08	0.007

Westchester County Airport DustTrak Readings - 10/24/25			
Upwind- FA02714		Downwind- FA01284	
Time	Measurement (mg/m³)	Time	Measurement (mg/m³)
2:59	0.004	2:51	0.01
3:00	0.004	2:52	0.01
3:01	0.004	2:53	0.01
3:02	0.004	2:54	0.01
3:03	0.004	2:55	0.01
3:04	0.004	2:56	0.01
3:05	0.004	2:57	0.01
3:06	0.004	2:58	0.01
3:07	0.004	2:59	0.01
3:08	0.004	3:00	0.01
3:09	0.004	3:01	0.01
3:10	0.004	3:02	0.01
3:11	0.004	3:03	0.01
3:12	0.004	3:04	0.01
3:13	0.004	3:05	0.01
3:14	0.004	3:06	0.01
3:15	0.004	3:07	0.01
3:16	0.004	3:08	0.01
3:17	0.004	3:09	0.01
3:18	0.004	3:10	0.01
3:19	0.004	3:11	0.01
3:20	0.005	3:12	0.01
3:21	0.005	3:13	0.01
3:22	0.005	3:14	0.01
3:23	0.005	3:15	0.01
3:24	0.005	3:16	0.01
3:25	0.005	3:17	0.01
3:26	0.004	3:18	0.01
3:27	0.004	3:19	0.01
3:28	0.004	3:20	0.01
3:29	0.004	3:21	0.01
3:30	0.004	3:22	0.01
3:31	0.004	3:23	0.01
3:32	0.004	3:24	0.01
3:33	0.004	3:25	0.01
3:34	0.004	3:26	0.01
3:35	0.004	3:27	0.01
3:36	0.003	3:28	0.01
3:37	0.003	3:29	0.01
3:38	0.003	3:30	0.01
3:39	0.004	3:31	0.01
3:40	0.003	3:32	0.01
3:41	0.003	3:33	0.01
3:42	0.003	3:34	0.01
3:43	0.003	3:35	0.01
3:44	0.004	3:36	0.01
3:45	0.003	3:37	0.01
3:46	0.003	3:38	0.01
3:47	0.004	3:39	0.01
3:48	0.004	3:40	0.01
3:49	0.004	3:41	0.01
3:50	0.004	3:42	0.01
3:51	0.004	3:43	0.01
3:52	0.004	3:44	0.01
3:53	0.004	3:45	0.01
3:54	0.007	3:46	0.01
3:55	0.006	3:47	0.01
3:56	0.022	3:48	0.01
3:57	0.008	3:49	0.01

Table 4
CAMP Runway Shoulder Project
Westchester County Airport / NYSDEC BCP Site No. C360174
240 Airport Road, West Harrison, New York 10604

Westchester County Airport DustTrak Readings - 10/23/25			
Upwind- FA02714		Downwind- FA01284	
Time	Measurement (mg/m ³)	Time	Measurement (mg/m ³)
4:22	0.006	4:09	0.007
4:23	0.006	4:10	0.007
4:24	0.006	4:11	0.008
4:25	0.006	4:12	0.007
4:26	0.006	4:13	0.007
4:27	0.006	4:14	0.007
4:28	0.006	4:15	0.008
4:29	0.006	4:16	0.007
4:30	0.006	4:17	0.007
4:31	0.006	4:18	0.007
4:32	0.007	4:19	0.007
4:33	0.006	4:20	0.007
4:34	0.006	4:21	0.007
4:35	0.006	4:22	0.007
4:36	0.006	4:23	0.007
4:37	0.006	4:24	0.007
		4:25	0.007
		4:26	0.007
		4:27	0.007
		4:28	0.008
		4:29	0.008
		4:30	0.007
		4:31	0.008
		4:32	0.008
		4:33	0.008
		4:34	0.008
		4:35	0.008
		4:36	0.008
		4:37	0.008
		4:38	0.008
		4:39	0.008
		4:40	0.008
		4:41	0.008
		4:42	0.008
		4:43	0.008
		4:44	0.008
		4:45	0.008
		4:46	0.008
		4:47	0.008
		4:48	0.008
		4:49	0.008
		4:50	0.008
		4:51	0.008
		4:52	0.008
		4:53	0.008

Westchester County Airport DustTrak Readings - 10/24/25			
Upwind- FA02714		Downwind- FA01284	
Time	Measurement (mg/m ³)	Time	Measurement (mg/m ³)

Appendix E

Outfall-7 (OF-7) Treatment System Analytical Sample Results



Technical Report

prepared for:

Terracon Consultants, Inc.

201 Hammer Mill Rd

Rocky Hill CT, 06067

Attention: Don Pomeroy

Report Date: 10/20/2025

Client Project ID: HPN Outfall OF-7 J2257015 Task7

York Project (SDG) No.: 25J0521

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

Report Date: 10/20/2025
Client Project ID: HPN Outfall OF-7 J2257015 Task7
York Project (SDG) No.: 25J0521

Terracon Consultants, Inc.
201 Hammer Mill Rd
Rocky Hill CT, 06067
Attention: Don Pomeroy

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 October 08, 2025 and listed below. The project was identified as your project: **HPN Outfall OF-7 J2257015 Task7**.

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>
25J0521-01	OF-7 Pipe	Surface Water	10/08/2025	10/08/2025
25J0521-02	OF-7 Pool	Surface Water	10/08/2025	10/08/2025
25J0521-03	OF-7 Grate	Surface Water	10/08/2025	10/08/2025
25J0521-04	OF-7A	Surface Water	10/08/2025	10/08/2025
25J0521-05	E-10	Surface Water	10/08/2025	10/08/2025
25J0521-06	Trip Blank	Other	10/08/2025	10/08/2025

General Notes for York Project (SDG) No.: 25J0521

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: 10/20/2025





Sample Information

Client Sample ID: OF-7 Pipe

York Sample ID: 25J0521-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25J0521

HPN Outfall OF-7 J2257015 Task7

Surface Water

October 8, 2025 10:55 am

10/08/2025

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)	6.19		ng/L	1.66	1.84	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:24	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	18.3		ng/L	0.519	2.08	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:24	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	8.58		ng/L	0.726	2.08	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:24	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	94.7		ng/L	0.923	1.90	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:24	AM
335-67-1	Perfluorooctanoic acid (PFOA)	26.3		ng/L	1.04	2.08	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:24	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	213		ng/L	0.789	1.93	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:24	AM
375-95-1	Perfluorononanoic acid (PFNA)	8.39		ng/L	1.03	2.08	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:24	AM
335-76-2	Perfluorodecanoic acid (PFDA)	1.67	J	ng/L	0.591	2.08	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:24	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	4.48		ng/L	0.737	2.08	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:24	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.623	2.08	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:24	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	1.25	2.08	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:24	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ng/L	1.64	2.08	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:24	AM
2355-31-9	N-MeFOSAA	ND		ng/L	0.519	2.08	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:24	AM
2991-50-6	N-EtFOSAA	ND		ng/L	5.19	5.19	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:24	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	19.2		ng/L	0.923	4.15	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:24	AM
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	1.68	J	ng/L	0.384	2.08	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:24	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	2.72		ng/L	0.322	1.98	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:24	AM
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	0.643	2.00	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:24	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	7.61	J	ng/L	5.19	7.89	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:24	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.33	7.97	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:24	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	7.61	J	ng/L	1.69	8.30	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:24	AM



Sample Information

Client Sample ID: OF-7 Pipe

York Sample ID: 25J0521-01

York Project (SDG) No.

25J0521

Client Project ID

HPN Outfall OF-7 J2257015 Task7

Matrix

Surface Water

Collection Date/Time

October 8, 2025 10:55 am

Date Received

10/08/2025

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
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND		ng/L	0.519	3.69	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:24	AM
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	3.11	4.15	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:24	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.726	4.15	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:24	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	1.45	4.15	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:24	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	8.12		ng/L	0.778	1.95	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:24	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	2.93	7.78	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:24	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	5.19	8.30	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:24	AM
763051-92-9	11CL-PF3OUdS	ND		ng/L	2.31	7.84	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:24	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	2.85	7.76	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:24	AM
919005-14-4	ADONA	ND		ng/L	3.08	7.84	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:24	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.923	2.01	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:24	AM
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.778	1.99	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:24	AM
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ng/L	2.45	10.4	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:24	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ng/L	25.9	51.9	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:24	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ng/L	23.9	51.9	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:24	AM
24448-09-7	N-MeFOSE	ND		ng/L	7.37	20.8	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:24	AM
31506-32-8	N-MeFOSA	ND		ng/L	2.08	2.08	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:24	AM
1691-99-2	N-EtFOSE	ND		ng/L	7.55	20.8	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:24	AM
4151-50-2	N-EtFOSA	ND		ng/L	1.09	2.08	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:24	AM
Surrogate Recoveries		Result	Acceptance Range								
M3PFBS	Surrogate: M3PFBS	150 %	PFSu-H	40-135							
338-30-1	Surrogate: M5PFHxA	139 %	PFSu-H	40-130							
13C4PFHPA	Surrogate: M4PFHpA	138 %	PFSu-H	40-130							
13C3PFHXS	Surrogate: M3PFHxS	135 %	PFSu-H	40-130							



Sample Information

Client Sample ID: OF-7 Pipe

York Sample ID: 25J0521-01

York Project (SDG) No.

25J0521

Client Project ID

HPN Outfall OF-7 J2257015 Task7

Matrix

Surface Water

Collection Date/Time

October 8, 2025 10:55 am

Date Received

10/08/2025

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
13C8PFOA	Surrogate: Perfluoro-n- [13C8]octanoic acid (M8PFOA)	139 %	PFSu-H		40-130						
13C6PFDA	Surrogate: M6PFDA	120 %			40-130						
13C7PFUNA	Surrogate: M7PFUDa	119 %			30-130						
960315-52-0	Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)	100 %			10-130						
13C2PFTEDA	Surrogate: M2PFTeDA	62.6 %			10-130						
13C4PFBA	Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	48.8 %			5-130						
13C8PFOS	Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	120 %			40-130						
13C5PFPEA	Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	144 %	PFSu-H		40-130						
13C8FOSA	Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	136 %	PFSu-H		40-130						
D3-NMEFOSAA	Surrogate: d3-N-MeFOSAA	124 %			40-170						
D5-NETFOSAA	Surrogate: d5-N-EtFOSAA	134 %			25-135						
M2-6:2FTS	Surrogate: M2-6:2 FTS	196 %			40-200						
M2-8:2FTS	Surrogate: M2-8:2 FTS	202 %			40-300						
13C9PFNA	Surrogate: M9PFNA	134 %	PFSu-H		40-130						
M2-4:2FTS	Surrogate: M2-4:2 FTS	175 %			40-200						
936109-37-4	Surrogate: d-N-MeFOSA	114 %			10-130						
936109-40-9	Surrogate: d-N-EtFOSA	107 %			10-130						
M3HFPO-DA	Surrogate: M3HFPO-DA	149 %	PFSu-H		40-130						
D9-NETPFOSAI	Surrogate: d9-N-EtFOSE	81.7 %			10-130						
D7-NMEPFOSA	Surrogate: d7-N-MeFOSE	90.6 %			10-130						

Sample Information

Client Sample ID: OF-7 Pool

York Sample ID: 25J0521-02

York Project (SDG) No.

25J0521

Client Project ID

HPN Outfall OF-7 J2257015 Task7

Matrix

Surface Water

Collection Date/Time

October 8, 2025 10:45 am

Date Received

10/08/2025

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)	3.86		ng/L	1.76	1.94	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:38	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	13.1		ng/L	0.549	2.20	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:38	AM



Sample Information

Client Sample ID: OF-7 Pool

York Sample ID: 25J0521-02

York Project (SDG) No.

25J0521

Client Project ID

HPN Outfall OF-7 J2257015 Task7

Matrix

Surface Water

Collection Date/Time

October 8, 2025 10:45 am

Date Received

10/08/2025

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
375-85-9	Perfluoroheptanoic acid (PFHpA)	6.76		ng/L	0.769	2.20	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:38	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	66.5		ng/L	0.977	2.01	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:38	AM
335-67-1	Perfluorooctanoic acid (PFOA)	22.8		ng/L	1.10	2.20	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:38	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	172		ng/L	0.834	2.04	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:38	AM
375-95-1	Perfluorononanoic acid (PFNA)	8.52		ng/L	1.09	2.20	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:38	AM
335-76-2	Perfluorodecanoic acid (PFDA)	1.39	J	ng/L	0.626	2.20	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:38	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	3.52		ng/L	0.780	2.20	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:38	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.659	2.20	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:38	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	1.32	2.20	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:38	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ng/L	1.73	2.20	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:38	AM
2355-31-9	N-MeFOSAA	ND		ng/L	0.549	2.20	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:38	AM
2991-50-6	N-EtFOSAA	ND		ng/L	5.49	5.49	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:38	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	15.6		ng/L	0.977	4.39	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:38	AM
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	1.67	J	ng/L	0.406	2.20	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:38	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	2.81		ng/L	0.340	2.10	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:38	AM
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	0.681	2.12	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:38	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	7.58	J	ng/L	5.49	8.34	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:38	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.47	8.43	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:38	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	7.05	J	ng/L	1.79	8.78	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:38	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND		ng/L	0.549	3.91	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:38	AM
151772-58-6	Perfluoro-3,6-dioxahexanoic acid (NFDHA)	ND		ng/L	3.29	4.39	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:38	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.769	4.39	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:38	AM



Sample Information

Client Sample ID: OF-7 Pool

York Sample ID: 25J0521-02

York Project (SDG) No.

25J0521

Client Project ID

HPN Outfall OF-7 J2257015 Task7

Matrix

Surface Water

Collection Date/Time

October 8, 2025 10:45 am

Date Received

10/08/2025

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
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	1.54	4.39	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:38	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	4.34		ng/L	0.823	2.06	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:38	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	3.10	8.23	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:38	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	5.49	8.78	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:38	AM
763051-92-9	11CL-PF3OUdS	ND		ng/L	2.45	8.30	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:38	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	3.02	8.21	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:38	AM
919005-14-4	ADONA	ND		ng/L	3.26	8.30	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:38	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.977	2.13	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:38	AM
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.823	2.11	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:38	AM
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ng/L	2.59	11.0	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:38	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ng/L	27.4	54.9	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:38	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ng/L	25.3	54.9	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:38	AM
24448-09-7	N-MeFOSE	ND		ng/L	7.80	22.0	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:38	AM
31506-32-8	N-MeFOSA	ND		ng/L	2.20	2.20	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:38	AM
1691-99-2	N-EtFOSE	ND		ng/L	7.99	22.0	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:38	AM
4151-50-2	N-EtFOSA	ND		ng/L	1.15	2.20	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:38	AM
Surrogate Recoveries		Result		Acceptance Range							
M3PFBS	Surrogate: M3PFBS	139 %	PFSu-H			40-135					
338-30-1	Surrogate: M5PFHxA	140 %	PFSu-H			40-130					
13C4PFHPA	Surrogate: M4PFHpA	135 %	PFSu-H			40-130					
13C3PFHXS	Surrogate: M3PFHxS	143 %	PFSu-H			40-130					
13C8PFOA	Surrogate: Perfluoro-n- [13C8]octanoic acid (M8PFOA)	136 %	PFSu-H			40-130					
13C6PFDA	Surrogate: M6PFDA	123 %				40-130					
13C7PFUNA	Surrogate: M7PFUDA	120 %				30-130					
960315-52-0	Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)	104 %				10-130					



Sample Information

Client Sample ID: OF-7 Pool

York Sample ID: 25J0521-02

York Project (SDG) No.

25J0521

Client Project ID

HPN Outfall OF-7 J2257015 Task7

Matrix

Surface Water

Collection Date/Time

October 8, 2025 10:45 am

Date Received

10/08/2025

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
13C2PFTEDA	Surrogate: M2PFTEDA	69.4 %			10-130						
13C4PFBA	Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	83.4 %			5-130						
13C8PFOS	Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	129 %			40-130						
13C5PFPEA	Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	144 %	PFSu-H		40-130						
13C8FOSA	Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	141 %	PFSu-H		40-130						
D3-NMEFOSAA	Surrogate: d3-N-MeFOSAA	131 %			40-170						
D5-NETFOSAA	Surrogate: d5-N-EtFOSAA	137 %	PFSu-H		25-135						
M2-6:2FTS	Surrogate: M2-6:2 FTS	185 %			40-200						
M2-8:2FTS	Surrogate: M2-8:2 FTS	177 %			40-300						
13C9PFNA	Surrogate: M9PFNA	124 %			40-130						
M2-4:2FTS	Surrogate: M2-4:2 FTS	166 %			40-200						
936109-37-4	Surrogate: d-N-MeFOSA	121 %			10-130						
936109-40-9	Surrogate: d-N-EtFOSA	100 %			10-130						
M3HFPO-DA	Surrogate: M3HFPO-DA	131 %	PFSu-H		40-130						
D9-NETPFOSA	Surrogate: d9-N-EtFOSE	89.7 %			10-130						
D7-NMEPFOSA	Surrogate: d7-N-MeFOSE	98.1 %			10-130						

Sample Information

Client Sample ID: OF-7 Grate

York Sample ID: 25J0521-03

York Project (SDG) No.

25J0521

Client Project ID

HPN Outfall OF-7 J2257015 Task7

Matrix

Surface Water

Collection Date/Time

October 8, 2025 11:19 am

Date Received

10/08/2025

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)	4.97		ng/L	1.61	1.78	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:53	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	14.1		ng/L	0.503	2.01	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:53	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	7.80		ng/L	0.704	2.01	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:53	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	74.2		ng/L	0.895	1.84	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:53	AM
335-67-1	Perfluorooctanoic acid (PFOA)	21.6		ng/L	1.01	2.01	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:53	AM



Sample Information

Client Sample ID: OF-7 Grate

York Sample ID: 25J0521-03

York Project (SDG) No.

25J0521

Client Project ID

HPN Outfall OF-7 J2257015 Task7

Matrix

Surface Water

Collection Date/Time

October 8, 2025 11:19 am

Date Received

10/08/2025

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
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	159		ng/L	0.764	1.87	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:53	AM
375-95-1	Perfluorononanoic acid (PFNA)	8.01		ng/L	0.996	2.01	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:53	AM
335-76-2	Perfluorodecanoic acid (PFDA)	1.44	J	ng/L	0.573	2.01	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:53	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	5.38		ng/L	0.714	2.01	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:53	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.603	2.01	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:53	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	1.21	2.01	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:53	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ng/L	1.59	2.01	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:53	AM
2355-31-9	N-MeFOSAA	ND		ng/L	0.503	2.01	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:53	AM
2991-50-6	N-EtFOSAA	ND		ng/L	5.03	5.03	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:53	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	17.1		ng/L	0.895	4.02	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:53	AM
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	1.45	J	ng/L	0.372	2.01	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:53	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	2.39		ng/L	0.312	1.92	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:53	AM
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	0.623	1.94	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:53	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	8.86		ng/L	5.03	7.64	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:53	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	2.92	J	ng/L	2.26	7.72	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:53	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	6.76	J	ng/L	1.64	8.04	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:53	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND		ng/L	0.503	3.58	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:53	AM
151772-58-6	Perfluoro-3,6-dioxahexanoic acid (NFDHA)	ND		ng/L	3.02	4.02	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:53	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.704	4.02	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:53	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	1.41	4.02	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:53	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	5.36		ng/L	0.754	1.89	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:53	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	2.84	7.54	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:53	AM



Sample Information

Client Sample ID: OF-7 Grate

York Sample ID: 25J0521-03

York Project (SDG) No.

25J0521

Client Project ID

HPN Outfall OF-7 J2257015 Task7

Matrix

Surface Water

Collection Date/Time

October 8, 2025 11:19 am

Date Received

10/08/2025

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
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	5.03	8.04	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:53	AM
763051-92-9	11CL-PF3OUdS	ND		ng/L	2.24	7.60	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:53	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	2.77	7.52	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:53	AM
919005-14-4	ADONA	ND		ng/L	2.99	7.60	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:53	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.895	1.95	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:53	AM
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.754	1.93	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:53	AM
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ng/L	2.37	10.1	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:53	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ng/L	25.1	50.3	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:53	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ng/L	23.2	50.3	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:53	AM
24448-09-7	N-MeFOSE	ND		ng/L	7.14	20.1	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:53	AM
31506-32-8	N-MeFOSA	ND		ng/L	2.01	2.01	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:53	AM
1691-99-2	N-EtFOSE	ND		ng/L	7.32	20.1	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:53	AM
4151-50-2	N-EtFOSA	ND		ng/L	1.06	2.01	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 03:53	AM

Surrogate Recoveries		Result	Acceptance Range	
M3PFBS	Surrogate: M3PFBS	134 %		40-135
338-30-1	Surrogate: M5PFHxA	144 %	PFSu-H	40-130
13C4PFHPA	Surrogate: M4PFHpA	142 %	PFSu-H	40-130
13C3PFHXS	Surrogate: M3PFHxS	126 %		40-130
13C8PFOA	Surrogate: Perfluoro-n- [13C8]octanoic acid (M8PFOA)	133 %	PFSu-H	40-130
13C6PFDA	Surrogate: M6PFDA	119 %		40-130
13C7PFUNA	Surrogate: M7PFUdA	108 %		30-130
960315-52-0	Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)	90.5 %		10-130
13C2PFTEDA	Surrogate: M2PFTeDA	58.2 %		10-130
13C4PFBA	Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	60.2 %		5-130
13C8PFOS	Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	136 %	PFSu-H	40-130
13C5PFPEA	Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	149 %	PFSu-H	40-130



Sample Information

Client Sample ID: OF-7 Grate

York Sample ID: 25J0521-03

York Project (SDG) No.

25J0521

Client Project ID

HPN Outfall OF-7 J2257015 Task7

Matrix

Surface Water

Collection Date/Time

October 8, 2025 11:19 am

Date Received

10/08/2025

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
13C8FOSA	Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	138 %		PFSu-H	40-130						
D3-NMEFOSAA	Surrogate: d3-N-MeFOSAA	122 %			40-170						
D5-NETFOSAA	Surrogate: d5-N-EtFOSAA	135 %			25-135						
M2-6:2FTS	Surrogate: M2-6:2 FTS	182 %			40-200						
M2-8:2FTS	Surrogate: M2-8:2 FTS	181 %			40-300						
13C9PFNA	Surrogate: M9PFNA	143 %		PFSu-H	40-130						
M2-4:2FTS	Surrogate: M2-4:2 FTS	161 %			40-200						
936109-37-4	Surrogate: d-N-MeFOSA	108 %			10-130						
936109-40-9	Surrogate: d-N-EtFOSA	92.8 %			10-130						
M3HFPO-DA	Surrogate: M3HFPO-DA	148 %		PFSu-H	40-130						
D9-NETPFOSA	Surrogate: d9-N-EtFOSE	81.1 %			10-130						
D7-NMEPFOSA	Surrogate: d7-N-MeFOSE	86.1 %			10-130						

Sample Information

Client Sample ID: OF-7A

York Sample ID: 25J0521-04

York Project (SDG) No.

25J0521

Client Project ID

HPN Outfall OF-7 J2257015 Task7

Matrix

Surface Water

Collection Date/Time

October 8, 2025 11:03 am

Date Received

10/08/2025

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)	7.12		ng/L	1.60	1.77	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:07	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	17.7		ng/L	0.500	2.00	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:07	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	9.10		ng/L	0.700	2.00	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:07	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	76.9		ng/L	0.890	1.83	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:07	AM
335-67-1	Perfluorooctanoic acid (PFOA)	26.8		ng/L	1.00	2.00	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:07	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	196		ng/L	0.760	1.86	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:07	AM
375-95-1	Perfluorononanoic acid (PFNA)	9.18		ng/L	0.990	2.00	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:07	AM
335-76-2	Perfluorodecanoic acid (PFDA)	1.83	J	ng/L	0.570	2.00	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:07	AM



Sample Information

Client Sample ID: OF-7A

York Sample ID: 25J0521-04

York Project (SDG) No.

25J0521

Client Project ID

HPN Outfall OF-7 J2257015 Task7

Matrix

Surface Water

Collection Date/Time

October 8, 2025 11:03 am

Date Received

10/08/2025

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
2058-94-8	Perfluoroundecanoic acid (PFUnA)	4.49		ng/L	0.710	2.00	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:07	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.600	2.00	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:07	AM
72629-94-8	Perfluorotridecanoic acid (PFTriDA)	ND		ng/L	1.20	2.00	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:07	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ng/L	1.58	2.00	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:07	AM
2355-31-9	N-MeFOSAA	ND		ng/L	0.500	2.00	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:07	AM
2991-50-6	N-EtFOSAA	ND		ng/L	5.00	5.00	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:07	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	19.2		ng/L	0.890	4.00	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:07	AM
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	1.65	J	ng/L	0.370	2.00	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:07	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	2.87		ng/L	0.310	1.91	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:07	AM
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	0.620	1.93	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:07	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	8.66		ng/L	5.00	7.60	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:07	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	2.32	J	ng/L	2.25	7.68	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:07	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	7.53	J	ng/L	1.63	8.00	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:07	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND		ng/L	0.500	3.56	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:07	AM
151772-58-6	Perfluoro-3,6-dioxahexanoic acid (NFDHA)	ND		ng/L	3.00	4.00	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:07	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.700	4.00	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:07	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	1.40	4.00	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:07	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	5.60		ng/L	0.750	1.88	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:07	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	2.82	7.50	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:07	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	5.00	8.00	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:07	AM
763051-92-9	11CL-PF3OUdS	ND		ng/L	2.23	7.56	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:07	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	2.75	7.48	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:07	AM



Sample Information

Client Sample ID: OF-7A

York Sample ID: 25J0521-04

York Project (SDG) No.

25J0521

Client Project ID

HPN Outfall OF-7 J2257015 Task7

Matrix

Surface Water

Collection Date/Time

October 8, 2025 11:03 am

Date Received

10/08/2025

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
919005-14-4	ADONA	ND		ng/L	2.97	7.56	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:07	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.890	1.94	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:07	AM
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.750	1.92	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:07	AM
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ng/L	2.36	10.0	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:07	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ng/L	25.0	50.0	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:07	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ng/L	23.1	50.0	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:07	AM
24448-09-7	N-MeFOSE	ND		ng/L	7.10	20.0	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:07	AM
31506-32-8	N-MeFOSA	ND		ng/L	2.00	2.00	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:07	AM
1691-99-2	N-EtFOSE	ND		ng/L	7.28	20.0	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:07	AM
4151-50-2	N-EtFOSA	ND		ng/L	1.05	2.00	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:07	AM
Surrogate Recoveries		Result	Acceptance Range								
M3PFBS	Surrogate: M3PFBS	152 %	PFSu-H	40-135							
338-30-1	Surrogate: M5PFHxA	140 %	PFSu-H	40-130							
13C4PFHPA	Surrogate: M4PFHpA	136 %	PFSu-H	40-130							
13C3PFHXS	Surrogate: M3PFHxS	150 %	PFSu-H	40-130							
13C8PFOA	Surrogate: Perfluoro-n- [13C8]octanoic acid (M8PFOA)	138 %	PFSu-H	40-130							
13C6PFDA	Surrogate: M6PFDA	128 %		40-130							
13C7PFUNA	Surrogate: M7PFUdA	133 %	PFSu-H	30-130							
960315-52-0	Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)	103 %		10-130							
13C2PFTEDA	Surrogate: M2PFTeDA	59.4 %		10-130							
13C4PFBA	Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	58.4 %		5-130							
13C8PFOS	Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	137 %	PFSu-H	40-130							
13C5PFPEA	Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	148 %	PFSu-H	40-130							
13C8FOSA	Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	151 %	PFSu-H	40-130							
D3-NMEFOSAA	Surrogate: d3-N-MeFOSAA	151 %		40-170							
D5-NETFOSAA	Surrogate: d5-N-EtFOSAA	150 %	PFSu-H	25-135							
M2-6:2FTS	Surrogate: M2-6:2 FTS	208 %	PFSu-H	40-200							



Sample Information

Client Sample ID: OF-7A

York Sample ID: 25J0521-04

York Project (SDG) No.

25J0521

Client Project ID

HPN Outfall OF-7 J2257015 Task7

Matrix

Surface Water

Collection Date/Time

October 8, 2025 11:03 am

Date Received

10/08/2025

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
M2-8:2FTS	Surrogate: M2-8:2 FTS	217 %			40-300						
13C9PFNA	Surrogate: M9PFNA	135 %	PFSu-H		40-130						
M2-4:2FTS	Surrogate: M2-4:2 FTS	182 %			40-200						
936109-37-4	Surrogate: d-N-MeFOSA	123 %			10-130						
936109-40-9	Surrogate: d-N-EtFOSA	113 %			10-130						
M3HFPO-DA	Surrogate: M3HFPO-DA	138 %	PFSu-H		40-130						
D9-NETPFOSA	Surrogate: d9-N-EtFOSE	91.7 %			10-130						
D7-NMEPFOSA	Surrogate: d7-N-MeFOSE	103 %			10-130						

Sample Information

Client Sample ID: E-10

York Sample ID: 25J0521-05

York Project (SDG) No.

25J0521

Client Project ID

HPN Outfall OF-7 J2257015 Task7

Matrix

Surface Water

Collection Date/Time

October 8, 2025 10:43 am

Date Received

10/08/2025

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)	4.52		ng/L	1.62	1.80	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:21	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	24.3		ng/L	0.508	2.03	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:21	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	13.1		ng/L	0.711	2.03	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:21	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	59.0		ng/L	0.903	1.86	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:21	AM
335-67-1	Perfluorooctanoic acid (PFOA)	27.9		ng/L	1.02	2.03	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:21	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	175		ng/L	0.771	1.89	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:21	AM
375-95-1	Perfluorononanoic acid (PFNA)	12.1		ng/L	1.00	2.03	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:21	AM
335-76-2	Perfluorodecanoic acid (PFDA)	2.80		ng/L	0.579	2.03	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:21	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	8.26		ng/L	0.721	2.03	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:21	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	0.622	J	ng/L	0.609	2.03	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:21	AM
72629-94-8	Perfluorotridecanoic acid (PFTTrDA)	ND		ng/L	1.22	2.03	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:21	AM



Sample Information

Client Sample ID: E-10

York Sample ID: 25J0521-05

York Project (SDG) No.

25J0521

Client Project ID

HPN Outfall OF-7 J2257015 Task7

Matrix

Surface Water

Collection Date/Time

October 8, 2025 10:43 am

Date Received

10/08/2025

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
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ng/L	1.60	2.03	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:21	AM
2355-31-9	N-MeFOSAA	ND		ng/L	0.508	2.03	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:21	AM
2991-50-6	N-EtFOSAA	ND		ng/L	5.08	5.08	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:21	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	36.8		ng/L	0.903	4.06	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:21	AM
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	1.71	J	ng/L	0.376	2.03	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:21	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	2.19		ng/L	0.315	1.94	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:21	AM
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	0.629	1.96	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:21	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfo nic acid (6:2 FTS)	7.40	J	ng/L	5.08	7.71	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:21	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfo nic acid (8:2 FTS)	2.71	J	ng/L	2.28	7.80	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:21	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	11.6		ng/L	1.65	8.12	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:21	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND		ng/L	0.508	3.61	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:21	AM
151772-58-6	Perfluoro-3,6-dioxahexanoic acid (NFDHA)	ND		ng/L	3.05	4.06	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:21	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.711	4.06	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:21	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	1.42	4.06	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:21	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	4.66		ng/L	0.761	1.91	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:21	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	2.86	7.61	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:21	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	5.08	8.12	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:21	AM
763051-92-9	11CL-PF3OUdS	ND		ng/L	2.26	7.67	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:21	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	2.79	7.59	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:21	AM
919005-14-4	ADONA	ND		ng/L	3.01	7.67	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:21	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.903	1.97	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:21	AM
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.761	1.95	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:21	AM



Sample Information

Client Sample ID: E-10

York Sample ID: 25J0521-05

York Project (SDG) No.

25J0521

Client Project ID

HPN Outfall OF-7 J2257015 Task7

Matrix

Surface Water

Collection Date/Time

October 8, 2025 10:43 am

Date Received

10/08/2025

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
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ng/L	2.40	10.2	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:21	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ng/L	25.4	50.8	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:21	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ng/L	23.4	50.8	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:21	AM
24448-09-7	N-MeFOSE	ND		ng/L	7.21	20.3	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:21	AM
31506-32-8	N-MeFOSA	ND		ng/L	2.03	2.03	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:21	AM
1691-99-2	N-EtFOSE	ND		ng/L	7.39	20.3	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:21	AM
4151-50-2	N-EtFOSA	ND		ng/L	1.07	2.03	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:21	AM
Surrogate Recoveries		Result	Acceptance Range								
M3PFBS	Surrogate: M3PFBS	139 %	PFSu-H	40-135							
338-30-1	Surrogate: M5PFHxA	134 %	PFSu-H	40-130							
13C4PFHPA	Surrogate: M4PFHpA	131 %	PFSu-H	40-130							
13C3PFHXS	Surrogate: M3PFHxS	142 %	PFSu-H	40-130							
13C8PFOA	Surrogate: Perfluoro-n- [13C8]octanoic acid (M8PFOA)	138 %	PFSu-H	40-130							
13C6PFDA	Surrogate: M6PFDA	126 %		40-130							
13C7PFUNA	Surrogate: M7PFUdA	126 %		30-130							
960315-52-0	Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)	104 %		10-130							
13C2PFTEDA	Surrogate: M2PFTeDA	66.5 %		10-130							
13C4PFBA	Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	63.8 %		5-130							
13C8PFOS	Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	123 %		40-130							
13C5PFPEA	Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	135 %	PFSu-H	40-130							
13C8FOSA	Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	129 %		40-130							
D3-NMEFOSAA	Surrogate: d3-N-MeFOSAA	125 %		40-170							
D5-NETFOSAA	Surrogate: d5-N-EtFOSAA	133 %		25-135							
M2-6:2FTS	Surrogate: M2-6:2 FTS	197 %		40-200							
M2-8:2FTS	Surrogate: M2-8:2 FTS	214 %		40-300							
13C9PFNA	Surrogate: M9PFNA	134 %	PFSu-H	40-130							
M2-4:2FTS	Surrogate: M2-4:2 FTS	166 %		40-200							
936109-37-4	Surrogate: d-N-MeFOSA	93.7 %		10-130							
936109-40-9	Surrogate: d-N-EtFOSA	95.5 %		10-130							



Sample Information

Client Sample ID: E-10

York Sample ID: 25J0521-05

York Project (SDG) No.

25J0521

Client Project ID

HPN Outfall OF-7 J2257015 Task7

Matrix

Surface Water

Collection Date/Time

October 8, 2025 10:43 am

Date Received

10/08/2025

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
M3HFPO-DA	Surrogate: M3HFPO-DA	142 %		PFSu-H	40-130						
D9-NETPFOSA	Surrogate: d9-N-EtFOSE	78.0 %			10-130						
D7-NMEPFOSA	Surrogate: d7-N-MeFOSE	93.6 %			10-130						

Sample Information

Client Sample ID: Trip Blank

York Sample ID: 25J0521-06

York Project (SDG) No.

25J0521

Client Project ID

HPN Outfall OF-7 J2257015 Task7

Matrix

Other

Collection Date/Time

October 8, 2025 12:35 pm

Date Received

10/08/2025

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	1.55	1.71	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:35	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.483	1.93	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:35	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.676	1.93	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:35	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.860	1.77	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:35	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ng/L	0.966	1.93	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:35	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.734	1.80	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:35	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.957	1.93	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:35	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.551	1.93	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:35	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	0.686	1.93	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:35	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.580	1.93	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:35	AM
72629-94-8	Perfluorotridecanoic acid (PFTDA)	ND		ng/L	1.16	1.93	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:35	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ng/L	1.53	1.93	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:35	AM
2355-31-9	N-MeFOSAA	ND		ng/L	0.483	1.93	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:35	AM
2991-50-6	N-EtFOSAA	ND		ng/L	4.83	4.83	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:35	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.860	3.87	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:35	AM



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 25J0521-06

York Project (SDG) No.

25J0521

Client Project ID

HPN Outfall OF-7 J2257015 Task7

Matrix

Other

Collection Date/Time

October 8, 2025 12:35 pm

Date Received

10/08/2025

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
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.358	1.93	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:35	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.300	1.85	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:35	AM
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	0.599	1.87	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:35	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	4.83	7.34	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:35	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.17	7.42	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:35	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	1.58	7.73	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:35	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.483	3.44	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:35	AM
151772-58-6	Perfluoro-3,6-dioxahexanoic acid (NFDHA)	ND		ng/L	2.90	3.87	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:35	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.676	3.87	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:35	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	1.35	3.87	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:35	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.725	1.82	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:35	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	2.73	7.25	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:35	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	4.83	7.73	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:35	AM
763051-92-9	11CL-PF3OUdS	ND		ng/L	2.16	7.31	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:35	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	2.66	7.23	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:35	AM
919005-14-4	ADONA	ND		ng/L	2.87	7.31	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:35	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.860	1.87	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:35	AM
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.725	1.86	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:35	AM
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ng/L	2.28	9.66	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:35	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ng/L	24.2	48.3	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:35	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ng/L	22.3	48.3	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:35	AM



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 25J0521-06

York Project (SDG) No.
25J0521

Client Project ID
HPN Outfall OF-7 J2257015 Task7

Matrix
Other

Collection Date/Time
October 8, 2025 12:35 pm

Date Received
10/08/2025

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
24448-09-7	N-MeFOSE	ND		ng/L	6.86	19.3	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:35	AM
31506-32-8	N-MeFOSA	ND		ng/L	1.93	1.93	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:35	AM
1691-99-2	N-EtFOSE	ND		ng/L	7.04	19.3	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:35	AM
4151-50-2	N-EtFOSA	ND		ng/L	1.01	1.93	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 11:20	10/18/2025 04:35	AM
Surrogate Recoveries		Result	Acceptance Range								
M3PFBS	Surrogate: M3PFBS	148 %	PFSu-H		40-135						
338-30-1	Surrogate: M5PFHxA	137 %	PFSu-H		40-130						
13C4PFHPA	Surrogate: M4PFHpA	138 %	PFSu-H		40-130						
13C3PFHXS	Surrogate: M3PFHxS	131 %	PFSu-H		40-130						
13C8PFOA	Surrogate: Perfluoro-n- [13C8]octanoic acid (M8PFOA)	125 %			40-130						
13C6PFDA	Surrogate: M6PFDA	60.1 %			40-130						
13C7PFUNA	Surrogate: M7PFUdA	51.5 %			30-130						
960315-52-0	Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)	51.4 %			10-130						
13C2PFTEDA	Surrogate: M2PFTeDA	65.9 %			10-130						
13C4PFBA	Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	134 %	PFSu-H		5-130						
13C8PFOS	Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	58.1 %			40-130						
13C5PFPEA	Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	144 %	PFSu-H		40-130						
13C8FOSA	Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	68.9 %			40-130						
D3-NMEFOSAA	Surrogate: d3-N-MeFOSAA	61.6 %			40-170						
D5-NETFOSAA	Surrogate: d5-N-EtFOSAA	64.8 %			25-135						
M2-6:2FTS	Surrogate: M2-6:2 FTS	156 %			40-200						
M2-8:2FTS	Surrogate: M2-8:2 FTS	83.9 %			40-300						
13C9PFNA	Surrogate: M9PFNA	109 %			40-130						
M2-4:2FTS	Surrogate: M2-4:2 FTS	166 %			40-200						
936109-37-4	Surrogate: d-N-MeFOSA	47.3 %			10-130						
936109-40-9	Surrogate: d-N-EtFOSA	51.8 %			10-130						
M3HFPO-DA	Surrogate: M3HFPO-DA	135 %	PFSu-H		40-130						
D9-NETPFOSA	Surrogate: d9-N-EtFOSE	62.3 %			10-130						
D7-NMEPFOSA	Surrogate: d7-N-MeFOSE	63.6 %			10-130						



Analytical Batch Summary

Batch ID: BJ50779

Preparation Method: EPA 1633 Prep

Prepared By: RC

YORK Sample ID	Client Sample ID	Preparation Date
25J0521-01	OF-7 Pipe	10/13/25
25J0521-02	OF-7 Pool	10/13/25
25J0521-03	OF-7 Grate	10/13/25
25J0521-04	OF-7A	10/13/25
25J0521-05	E-10	10/13/25
25J0521-06	Trip Blank	10/13/25
BJ50779-BLK1	Blank	10/13/25
BJ50779-BS1	LCS	10/13/25
BJ50779-BS2	LCS	10/13/25



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 BJ50779 - EPA 1633 Prep											
Blank (BJ50779-BLK1)						Prepared: 10/13/2025 Analyzed: 10/17/2025					
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	ND	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)	ND	8.00	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	3.56	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	4.00	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	4.00	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	4.00	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	1.88	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	7.50	"								
HFPO-DA (Gen-X)	ND	8.00	"								
11CL-PF3OUdS	ND	7.56	"								
9CL-PF3ONS	ND	7.48	"								
ADONA	ND	7.56	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	1.94	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	1.92	"								
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	ND	20.0	"								
N-MeFOSA	ND	2.00	"								
N-EtFOSE	ND	20.0	"								
N-EtFOSA	ND	2.00	"								
Surrogate: M3PFBS	28.6		"	23.3		123	40-135				
Surrogate: M5PFHxA	31.9		"	25.0		128	40-130				
Surrogate: M4PFHpA	33.5		"	25.0		134	40-130				
Surrogate: M3PFHxS	27.3		"	23.7		115	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 BJ50779 - EPA 1633 Prep

Blank (BJ50779-BLK1)

Prepared: 10/13/2025 Analyzed: 10/17/2025

Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	30.5		ng/L	25.0		122	40-130				
Surrogate: M6PFDA	16.2		"	12.5		130	40-130				
Surrogate: M7PFUdA	16.4		"	12.5		131	30-130				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	15.6		"	12.5		124	10-130				
Surrogate: M2PFTeDA	14.5		"	12.5		116	10-130				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	125		"	100		125	5-130				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	31.2		"	24.0		130	40-130				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	67.8		"	50.0		136	40-130				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	31.5		"	25.0		126	40-130				
Surrogate: d3-N-MeFOSAA	69.1		"	50.0		138	40-170				
Surrogate: d5-N-EtFOSAA	73.0		"	50.0		146	25-135				
Surrogate: M2-6:2 FTS	53.6		"	47.6		113	40-200				
Surrogate: M2-8:2 FTS	63.3		"	48.0		132	40-300				
Surrogate: M9PFNA	15.7		"	12.5		126	40-130				
Surrogate: M2-4:2 FTS	59.3		"	46.9		126	40-200				
Surrogate: d-N-MeFOSA	24.2		"	25.0		96.7	10-130				
Surrogate: d-N-EtFOSA	22.0		"	25.0		88.1	10-130				
Surrogate: M3HFPO-DA	130		"	100		130	40-130				
Surrogate: d9-N-EtFOSE	245		"	250		98.0	10-130				
Surrogate: d7-N-MeFOSE	242		"	250		97.0	10-130				

LCS (BJ50779-BS1)

Prepared: 10/13/2025 Analyzed: 10/17/2025

Perfluorobutanesulfonic acid (PFBS)	33.3	1.77	ng/L	35.4		94.1	60-145				
Perfluorohexanoic acid (PFHxA)	37.9	2.00	"	40.0		94.7	70-145				
Perfluoroheptanoic acid (PFHpA)	39.6	2.00	"	40.0		99.1	70-150				
Perfluorohexanesulfonic acid (PFHxS)	31.0	1.83	"	36.6		84.7	65-145				
Perfluorooctanoic acid (PFOA)	39.4	2.00	"	40.0		98.4	70-150				
Perfluorooctanesulfonic acid (PFOS)	34.8	1.86	"	37.2		93.7	55-150				
Perfluorononanoic acid (PFNA)	36.2	2.00	"	40.0		90.4	70-150				
Perfluorodecanoic acid (PFDA)	33.9	2.00	"	40.0		84.7	70-140				
Perfluoroundecanoic acid (PFUnA)	38.3	2.00	"	40.0		95.7	70-145				
Perfluorododecanoic acid (PFDoA)	40.6	2.00	"	40.0		102	70-140				
Perfluorotridecanoic acid (PFTriDA)	42.5	2.00	"	40.0		106	65-140				
Perfluorotetradecanoic acid (PFTA)	42.3	2.00	"	40.0		106	60-140				
N-MeFOSAA	37.8	2.00	"	40.0		94.4	50-140				
N-EtFOSAA	44.1	5.00	"	40.0		110	70-145				
Perfluoropentanoic acid (PFPeA)	73.9	4.00	"	80.0		92.4	65-135				
Perfluoro-1-octanesulfonamide (FOSA)	37.9	2.00	"	40.0		94.7	70-145				
Perfluoro-1-heptanesulfonic acid (PFHpS)	36.5	1.91	"	38.2		95.5	70-150				
Perfluoro-1-decanesulfonic acid (PFDS)	37.0	1.93	"	38.6		95.9	60-145				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	147	7.60	"	152		96.9	65-155				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	156	7.68	"	154		102	60-150				
Perfluoro-n-butanoic acid (PFBA)	148	8.00	"	160		92.7	70-140				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	64.6	3.56	"	71.2		90.7	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 BJ50779 - EPA 1633 Prep											
LCS (BJ50779-BS1)						Prepared: 10/13/2025 Analyzed: 10/17/2025					
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	73.8	4.00	ng/L	80.0		92.2	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	72.7	4.00	"	80.0		90.9	55-140				
Perfluoro-5-oxahexanoic acid (PFMBA)	72.7	4.00	"	80.0		90.9	60-150				
Perfluoro-1-pentanesulfonate (PFPeS)	36.2	1.88	"	37.6		96.3	65-140				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	140	7.50	"	150		93.5	70-145				
HFPO-DA (Gen-X)	72.7	8.00	"	80.0		90.9	70-140				
11CL-PF3OUdS	74.5	7.56	"	75.6		98.6	55-160				
9CL-PF3ONS	71.9	7.48	"	74.8		96.1	70-155				
ADONA	69.8	7.56	"	75.6		92.3	65-145				
Perfluorododecanesulfonic acid (PFDoS)	38.1	1.94	"	38.8		98.1	50-145				
Perfluoro-1-nonanesulfonic acid (PFNS)	40.5	1.92	"	38.4		106	65-145				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	146	10.0	"	160		91.4	65-130				
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	724	50.0	"	800		90.5	70-135				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	736	50.0	"	800		92.1	50-145				
N-MeFOSE	434	20.0	"	400		108	70-145				
N-MeFOSA	37.3	2.00	"	40.0		93.2	60-150				
N-EtFOSE	405	20.0	"	400		101	70-135				
N-EtFOSA	44.5	2.00	"	40.0		111	65-145				
Surrogate: M3PFBS	33.8		"	23.3		145	40-135				
Surrogate: M5PFHxA	33.2		"	25.0		133	40-130				
Surrogate: M4PFHpA	31.8		"	25.0		127	40-130				
Surrogate: M3PFHxS	31.4		"	23.7		132	40-130				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	32.8		"	25.0		131	40-130				
Surrogate: M6PFDA	18.0		"	12.5		144	40-130				
Surrogate: M7PFUdA	17.1		"	12.5		137	30-130				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	14.9		"	12.5		119	10-130				
Surrogate: M2PFTeDA	13.3		"	12.5		106	10-130				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	132		"	100		132	5-130				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	31.8		"	24.0		133	40-130				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	69.3		"	50.0		139	40-130				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	33.4		"	25.0		134	40-130				
Surrogate: d3-N-MeFOSAA	75.9		"	50.0		152	40-170				
Surrogate: d5-N-EtFOSAA	71.8		"	50.0		144	25-135				
Surrogate: M2-6:2 FTS	56.5		"	47.6		119	40-200				
Surrogate: M2-8:2 FTS	63.5		"	48.0		132	40-300				
Surrogate: M9PFNA	17.9		"	12.5		144	40-130				
Surrogate: M2-4:2 FTS	61.0		"	46.9		130	40-200				
Surrogate: d-N-MeFOSA	24.5		"	25.0		98.0	10-130				
Surrogate: d-N-EtFOSA	19.8		"	25.0		79.1	10-130				
Surrogate: M3HFPO-DA	132		"	100		132	40-130				
Surrogate: d9-N-EtFOSE	242		"	250		96.8	10-130				
Surrogate: d7-N-MeFOSE	245		"	250		98.0	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 BJ50779 - EPA 1633 Prep											
LCS (BJ50779-BS2)						Prepared: 10/13/2025 Analyzed: 10/17/2025					
Perfluorobutanesulfonic acid (PFBS)	3.48	1.77	ng/L	3.54		98.3	60-145				
Perfluorohexanoic acid (PFHxA)	4.12	2.00	"	4.00		103	70-145				
Perfluoroheptanoic acid (PFHpA)	3.86	2.00	"	4.00		96.4	70-150				
Perfluorohexanesulfonic acid (PFHxS)	3.19	1.83	"	3.66		87.1	65-145				
Perfluorooctanoic acid (PFOA)	3.93	2.00	"	4.00		98.3	70-150				
Perfluorooctanesulfonic acid (PFOS)	3.43	1.86	"	3.72		92.2	55-150				
Perfluorononanoic acid (PFNA)	3.84	2.00	"	4.00		96.1	70-150				
Perfluorodecanoic acid (PFDA)	4.04	2.00	"	4.00		101	70-140				
Perfluoroundecanoic acid (PFUnA)	3.46	2.00	"	4.00		86.4	70-145				
Perfluorododecanoic acid (PFDoA)	3.48	2.00	"	4.00		87.0	70-140				
Perfluorotridecanoic acid (PFTriDA)	3.65	2.00	"	4.00		91.3	65-140				
Perfluorotetradecanoic acid (PFTA)	3.45	2.00	"	4.00		86.2	60-140				
N-MeFOSAA	3.59	2.00	"	4.00		89.8	50-140				
N-EtFOSAA	ND	5.00	"	4.00			70-145	Low Bias			
Perfluoropentanoic acid (PFPeA)	7.97	4.00	"	8.00		99.6	65-135				
Perfluoro-1-octanesulfonamide (FOSA)	4.06	2.00	"	4.00		101	70-145				
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.88	1.91	"	3.82		102	70-150				
Perfluoro-1-decanesulfonic acid (PFDS)	3.67	1.93	"	3.86		95.0	60-145				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	17.2	7.60	"	15.2		113	65-155				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	14.7	7.68	"	15.4		95.9	60-150				
Perfluoro-n-butanoic acid (PFBA)	16.1	8.00	"	16.0		100	70-140				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	6.99	3.56	"	7.12		98.1	70-140				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	9.95	4.00	"	8.00		124	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	7.99	4.00	"	8.00		99.8	55-140				
Perfluoro-5-oxahexanoic acid (PFMBA)	7.88	4.00	"	8.00		98.5	60-150				
Perfluoro-1-pentanesulfonate (PFPeS)	3.09	1.88	"	3.76		82.2	65-140				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	14.9	7.50	"	15.0		99.5	70-145				
HFPO-DA (Gen-X)	5.07	8.00	"	8.00		63.4	70-140	Low Bias			
11CL-PF3OUdS	7.02	7.56	"	7.56		92.8	55-160				
9CL-PF3ONS	7.25	7.48	"	7.48		96.9	70-155				
ADONA	7.84	7.56	"	7.56		104	65-145				
Perfluorododecanesulfonic acid (PFDoS)	3.34	1.94	"	3.88		86.2	50-145				
Perfluoro-1-nonanesulfonic acid (PFNS)	3.97	1.92	"	3.84		103	65-145				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	15.1	10.0	"	16.0		94.1	65-130				
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	78.1	50.0	"	80.0		97.6	70-135				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	76.3	50.0	"	80.0		95.4	50-145				
N-MeFOSE	39.0	20.0	"	40.0		97.4	70-145				
N-MeFOSA	3.56	2.00	"	4.00		89.0	60-150				
N-EtFOSE	37.8	20.0	"	40.0		94.6	70-135				
N-EtFOSA	3.93	2.00	"	4.00		98.3	65-145				
Surrogate: M3PFBS	32.7		"	23.3		140	40-135				
Surrogate: M5PFHxA	31.9		"	25.0		128	40-130				
Surrogate: M4PFHpA	34.7		"	25.0		139	40-130				
Surrogate: M3PFHxS	31.2		"	23.7		131	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 BJ50779 - EPA 1633 Prep

LCS (BJ50779-BS2)

Prepared: 10/13/2025 Analyzed: 10/17/2025

Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	31.1		ng/L	25.0		124	40-130				
Surrogate: M6PFDA	17.5		"	12.5		140	40-130				
Surrogate: M7PFUdA	17.7		"	12.5		142	30-130				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	16.8		"	12.5		134	10-130				
Surrogate: M2PFTeDA	14.4		"	12.5		116	10-130				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	126		"	100		126	5-130				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	34.6		"	24.0		145	40-130				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	68.2		"	50.0		136	40-130				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	33.3		"	25.0		133	40-130				
Surrogate: d3-N-MeFOSAA	78.0		"	50.0		156	40-170				
Surrogate: d5-N-EtFOSAA	76.1		"	50.0		152	25-135				
Surrogate: M2-6:2 FTS	60.7		"	47.6		128	40-200				
Surrogate: M2-8:2 FTS	73.2		"	48.0		152	40-300				
Surrogate: M9PFNA	16.6		"	12.5		132	40-130				
Surrogate: M2-4:2 FTS	69.8		"	46.9		149	40-200				
Surrogate: d-N-MeFOSA	28.0		"	25.0		112	10-130				
Surrogate: d-N-EtFOSA	20.0		"	25.0		79.9	10-130				
Surrogate: M3HFPO-DA	133		"	100		133	40-130				
Surrogate: d9-N-EtFOSE	274		"	250		109	10-130				
Surrogate: d7-N-MeFOSE	279		"	250		112	10-130				





Sample and Data Qualifiers Relating to This Work Order

PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.
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.

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.



Corrective Action: Trip blank was received not listed on COC and has been added to end of workorder. NS





Field Chain-of-Custody Record

ALS' Standard Terms & Conditions are listed on the back side of this document. This legal document serves as your written authorization for ALS to proceed with the analyses requested below. Your signature binds you to ALS' 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@vorklab.com
800-306-9675 800-306-9675

Page of

ALS Project Number

250521

Report To: Company: <u>Ferraro</u> Address: <u>Rocky Hill CT</u> Phone: _____ Contact: <u>Christopher Ferraro</u> E-mail: _____		Invoice To: Company: _____ Address: <u>Upgraded to</u> <u>Co. PA</u> Phone: _____ Contact: _____ E-mail: _____		YOUR Project Name / Number <u>HPN Outfall DF-7</u> <u>T2257015 Task 7</u> <u>T2257015 Task 7</u>		Samples Collected From NY ☒ CT ☐ NJ ☐ PA ☐ Analyses Requested		Turn-Around Time RUSH - Next Day ☐ RUSH - Two Day ☐ RUSH - Three Day ☐ RUSH - Four Day ☐ RUSH - Five Day ☐ Standard (6-9 Day) ☐ PFAS Standard 7-10 Day ☒							
Comments:		Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N Custody Seals: Y / ☒ Containers Intact: ☒ / N COC Labels Agree: ☒ / N Preservation Confirmed: ☒ / N COC Complete: ☒ / N COC Received: ☒ / N Appropriate Sample Volumes: ☒ / N Appropriate Sample Containers: ☒ / N Cooler Temperature Confirmed: ☒ / N Samples Submitted within Holding Times: ☒ / N Corrective Action Form Required: Y / ☒		2. Samples Relinquished by / Company Date/Time _____		3. Samples Received by / Company Date/Time _____		4. Samples Relinquished by / Company Date/Time _____		5. Samples Received by / Company Date/Time _____					
Sample Identification		Samples Collected by: (print AND sign your name)		Date		Time		Matrix		Preservative (please list number of containers)		Other:			
DF-7 Pipe		[Signature]		10/25/15		1055		SW		Unpreserved		Ammonium Acetate		Grab or Comp.	
DF-7 Pool		[Signature]		10/25		1045		SW		Unpreserved		Trizma		G/C	
DF-7 Grate		[Signature]		11/19		1119		SW		Unpreserved		HCl (hydrochloric acid)		EQUS (standard)	
DF-7A		[Signature]		11/03		1103		SW		Unpreserved		MeOH (methanol)		NYSDEC EQUIS	
E-10		[Signature]		10/43		1043		SW		Unpreserved		H ₂ SO ₄ (sulfuric acid)		NJDEP SRP Haz Site	
										Unpreserved		HNO ₃ (nitric acid)		Standard Excel	
										Unpreserved		H ₂ SO ₄ (sulfuric acid)		CMDP	
										Unpreserved		NaOH (sodium hydroxide)		Other:	
										Unpreserved		Na ₂ S ₂ O ₃ (sodium thio.)			
										Unpreserved		Trizma			
										Unpreserved		Ammonium Acetate			
										Unpreserved		Other:			



Field Chain-of-Custody Record

ALS Project Number

250521

ALS' Standard Terms & Conditions are listed on the back side of this document. This legal document serves as your written authorization for ALS to proceed with the analyses requested below. Your signature binds you to ALS' Standard Terms & Conditions.

120 Research Drive Stratford, CT 06515

132-02 89th Ave Queens, NY 11418

56 Church Hill Rd #2 Newlawn, CT 06470

2161 Whitesville Rd Toms River, NJ 08755

clientservices@yorklab.com

800-306-9675

Page of

Report To:	Company:	Address:	Phone:	Contract:	Email:
Ferraro		Upgraded to			
Rakyl Hill		Co. PA			
Company:	Address:	Phone:	Contract:	Email:	
Chapman & Freeman					

YOUR Project Name / Number
HPN 0.0411 DF-7
T2257015 Task 7
T2257015 Task 7

Matrix Codes
S - spill/solid/sludge
GW - groundwater
DW - drinking water
SW - surface water
WW - wastewater
O - Oil
Other

Preservative (please list number of containers)
HCl (hydrochloric acid)
MeOH (methanol)
HNO₃ (nitric acid)
H₂SO₄ (sulfuric acid)
NaOH (sodium hydroxide)
Na₂SO₃ (sodium thio.)
TriZma
Ammonium Acetate
Other:

Turn-Around Time
RUSH - Next Day
RUSH - Two Day
RUSH - Three Day
RUSH - Four Day
RUSH - Five Day
Standard (6-9 Day)
PFAS Standard 7-10 Day

Report Type (circle)
QA Report
Summary (Results Only)
NY ASP B Package
NJ Reduced
NJ DKQP
NJ Full
CT RCP

EDD Type (circle)
EQUIS (standard)
NYSDEC EQUIS
NJDEP SRP Haz Site
Standard Excel
CMDP
Other:

Regulatory Comparative
Compared to the following
Regulation(s): (please fill in)

Field Filtered
Lab Filtered

Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N
Custody Seals: Y / N Containers Intact: Y / N COC Labels Agree: Y / N Preservation Confirmed: Y / N
COC Complete: Y / N COC Received: Y / N Appropriate Sample Volumes: Y / N Appropriate Sample Containers: Y / N
Cooler Temperature Confirmed: Y / N Samples Submitted within Holding Times: Y / N Corrective Action Form Required: Y / N

Comments:

1. Samples Relinquished by / Company
Bundin 3L
Date/Time: 10-8-25/1235

2. Samples Relinquished by / Company

3. Samples Relinquished by / Company

4. Samples Relinquished by / Company

5. Samples Relinquished by / Company



Technical Report

prepared for:

Terracon Consultants, Inc.

201 Hammer Mill Rd

Rocky Hill CT, 06067

Attention: Don Pomeroy

Report Date: 10/20/2025

Client Project ID: HPN Outfall OF-7 J2257015 Task7

York Project (SDG) No.: 25J0523

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: 10/20/2025
Client Project ID: HPN Outfall OF-7 J2257015 Task7
York Project (SDG) No.: 25J0523

Terracon Consultants, Inc.
201 Hammer Mill Rd
Rocky Hill CT, 06067
Attention: Don Pomeroy

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 October 08, 2025 and listed below. The project was identified as your project: **HPN Outfall OF-7 J2257015 Task7**.

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.

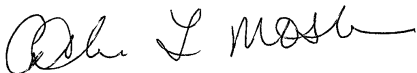
The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

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>
25J0523-01	TS OF-7 EFF	Water	10/08/2025	10/08/2025
25J0523-02	TS OF-7 GAC3	Water	10/08/2025	10/08/2025
25J0523-03	TS OF-7 GAC2	Water	10/08/2025	10/08/2025
25J0523-04	TS OF-7 GAC1	Water	10/08/2025	10/08/2025
25J0523-05	TS OF-7 INF	Surface Water	10/08/2025	10/08/2025
25J0523-06	Trip Blank	Water	10/08/2025	10/08/2025

General Notes for York Project (SDG) No.: 25J0523

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: 10/20/2025





Sample Information

Client Sample ID: TS OF-7 EFF

York Sample ID: 25J0523-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25J0523

HPN Outfall OF-7 J2257015 Task7

Water

October 8, 2025 9:51 am

10/08/2025

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	1.47	1.63	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 15:42	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.460	1.84	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 15:42	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.644	1.84	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 15:42	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.818	1.68	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 15:42	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ng/L	0.919	1.84	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 15:42	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.699	1.71	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 15:42	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.910	1.84	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 15:42	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.524	1.84	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 15:42	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	0.653	1.84	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 15:42	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.552	1.84	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 15:42	AM
72629-94-8	Perfluorotridecanoic acid (PFTTrDA)	ND		ng/L	1.10	1.84	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 15:42	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ng/L	1.45	1.84	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 15:42	AM
2355-31-9	N-MeFOSAA	ND		ng/L	0.460	1.84	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 15:42	AM
2991-50-6	N-EtFOSAA	ND		ng/L	4.60	4.60	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 15:42	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	1.68	J	ng/L	0.818	3.68	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 15:42	AM
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.340	1.84	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 15:42	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.285	1.76	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 15:42	AM
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	0.570	1.77	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 15:42	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	4.60	6.99	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 15:42	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.07	7.06	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 15:42	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	1.50	7.35	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 15:42	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEA)	ND		ng/L	0.460	3.27	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 15:42	AM



Sample Information

Client Sample ID: TS OF-7 EFF

York Sample ID: 25J0523-01

York Project (SDG) No.

25J0523

Client Project ID

HPN Outfall OF-7 J2257015 Task7

Matrix

Water

Collection Date/Time

October 8, 2025 9:51 am

Date Received

10/08/2025

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
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.76	3.68	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 15:42	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.644	3.68	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 15:42	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	1.29	3.68	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 15:42	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.689	1.73	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 15:42	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	2.59	6.89	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 15:42	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	4.60	7.35	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 15:42	AM
763051-92-9	11CL-PF3OUdS	ND		ng/L	2.05	6.95	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 15:42	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	2.53	6.88	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 15:42	AM
919005-14-4	ADONA	ND		ng/L	2.73	6.95	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 15:42	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND	PF-LCS -L	ng/L	0.818	1.78	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 15:42	AM
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.689	1.77	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 15:42	AM
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ng/L	2.17	9.19	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 15:42	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ng/L	23.0	46.0	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 15:42	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ng/L	21.2	46.0	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 15:42	AM
24448-09-7	N-MeFOSE	ND		ng/L	6.53	18.4	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 15:42	AM
31506-32-8	N-MeFOSA	ND		ng/L	1.84	1.84	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 15:42	AM
1691-99-2	N-EtFOSE	ND		ng/L	6.69	18.4	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 15:42	AM
4151-50-2	N-EtFOSA	ND		ng/L	0.965	1.84	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 15:42	AM
Surrogate Recoveries		Result	Acceptance Range								
M3PFBS	Surrogate: M3PFBS	130 %	40-135								
338-30-1	Surrogate: M5PFHxA	130 %	40-130								
13C4PFHPA	Surrogate: M4PFHpA	100 %	40-130								
13C3PFHXS	Surrogate: M3PFHxS	125 %	40-130								
13C8PFOA	Surrogate: Perfluoro-n- [13C8]octanoic acid (M8PFOA)	122 %	40-130								



Sample Information

Client Sample ID: TS OF-7 EFF

York Sample ID: 25J0523-01

York Project (SDG) No.

25J0523

Client Project ID

HPN Outfall OF-7 J2257015 Task7

Matrix

Water

Collection Date/Time

October 8, 2025 9:51 am

Date Received

10/08/2025

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
13C6PFDA	Surrogate: M6PFDA	113 %			40-130						
13C7PFUNA	Surrogate: M7PFUdA	103 %			30-130						
960315-52-0	Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)	96.7 %			10-130						
13C2PFTEDA	Surrogate: M2PFTeDA	85.7 %			10-130						
13C4PFBA	Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	122 %			5-130						
13C8PFOS	Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	121 %			40-130						
13C5PFPEA	Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	133 %		PFSu-H	40-130						
13C8FOSA	Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	127 %			40-130						
D3-NMEFOSAA	Surrogate: d3-N-MeFOSAA	133 %			40-170						
D5-NETFOSAA	Surrogate: d5-N-EtFOSAA	124 %			25-135						
M2-6:2FTS	Surrogate: M2-6:2 FTS	260 %		PFSu-H	40-200						
M2-8:2FTS	Surrogate: M2-8:2 FTS	206 %			40-300						
13C9PFNA	Surrogate: M9PFNA	119 %			40-130						
M2-4:2FTS	Surrogate: M2-4:2 FTS	350 %		PFSu-H	40-200						
936109-37-4	Surrogate: d-N-MeFOSA	90.7 %			10-130						
936109-40-9	Surrogate: d-N-EtFOSA	83.5 %			10-130						
M3HFPO-DA	Surrogate: M3HFPO-DA	131 %		PFSu-H	40-130						
D9-NETPFOSA	Surrogate: d9-N-EtFOSE	104 %			10-130						
D7-NMEPFOSA	Surrogate: d7-N-MeFOSE	112 %			10-130						

Sample Information

Client Sample ID: TS OF-7 GAC3

York Sample ID: 25J0523-02

York Project (SDG) No.

25J0523

Client Project ID

HPN Outfall OF-7 J2257015 Task7

Matrix

Water

Collection Date/Time

October 8, 2025 9:53 am

Date Received

10/08/2025

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	1.44	1.59	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 15:56	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.450	1.80	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 15:56	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.630	1.80	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 15:56	AM



Sample Information

Client Sample ID: TS OF-7 GAC3

York Sample ID: 25J0523-02

York Project (SDG) No.

25J0523

Client Project ID

HPN Outfall OF-7 J2257015 Task7

Matrix

Water

Collection Date/Time

October 8, 2025 9:53 am

Date Received

10/08/2025

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		ng/L	0.802	1.65	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 15:56	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ng/L	0.901	1.80	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 15:56	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.684	1.68	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 15:56	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.892	1.80	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 15:56	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.513	1.80	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 15:56	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	0.639	1.80	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 15:56	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.540	1.80	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 15:56	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	1.08	1.80	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 15:56	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ng/L	1.42	1.80	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 15:56	AM
2355-31-9	N-MeFOSAA	ND		ng/L	0.450	1.80	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 15:56	AM
2991-50-6	N-EtFOSAA	ND		ng/L	4.50	4.50	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 15:56	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.802	3.60	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 15:56	AM
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.333	1.80	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 15:56	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.279	1.72	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 15:56	AM
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	0.558	1.74	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 15:56	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	4.50	6.84	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 15:56	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.03	6.92	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 15:56	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	2.45	J	ng/L	1.47	7.20	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 15:56	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND		ng/L	0.450	3.21	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 15:56	AM
151772-58-6	Perfluoro-3,6-dioxahexanoic acid (NFDHA)	ND		ng/L	2.70	3.60	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 15:56	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.630	3.60	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 15:56	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	1.26	3.60	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 15:56	AM



Sample Information

Client Sample ID: TS OF-7 GAC3

York Sample ID: 25J0523-02

York Project (SDG) No.

25J0523

Client Project ID

HPN Outfall OF-7 J2257015 Task7

Matrix

Water

Collection Date/Time

October 8, 2025 9:53 am

Date Received

10/08/2025

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
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.675	1.69	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 15:56	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	2.54	6.75	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 15:56	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	4.50	7.20	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 15:56	AM
763051-92-9	11CL-PF3OUdS	ND		ng/L	2.01	6.81	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 15:56	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	2.48	6.74	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 15:56	AM
919005-14-4	ADONA	ND		ng/L	2.67	6.81	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 15:56	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND	PF-LCS -L	ng/L	0.802	1.75	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 15:56	AM
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.675	1.73	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 15:56	AM
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ng/L	2.13	9.01	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 15:56	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ng/L	22.5	45.0	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 15:56	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ng/L	20.8	45.0	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 15:56	AM
24448-09-7	N-MeFOSE	ND		ng/L	6.39	18.0	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 15:56	AM
31506-32-8	N-MeFOSA	ND		ng/L	1.80	1.80	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 15:56	AM
1691-99-2	N-EtFOSE	ND		ng/L	6.56	18.0	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 15:56	AM
4151-50-2	N-EtFOSA	ND		ng/L	0.946	1.80	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 15:56	AM
Surrogate Recoveries		Result	Acceptance Range								
M3PFBS	Surrogate: M3PFBS	123 %	40-135								
338-30-1	Surrogate: M5PFHxA	124 %	40-130								
13C4PFHPA	Surrogate: M4PFHpA	92.4 %	40-130								
13C3PFHXS	Surrogate: M3PFHxS	119 %	40-130								
13C8PFOA	Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	115 %	40-130								
13C6PFDA	Surrogate: M6PFDA	116 %	40-130								
13C7PFUNA	Surrogate: M7PFUdA	108 %	30-130								
960315-52-0	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	108 %	10-130								
13C2PFTEDA	Surrogate: M2PFTeDA	96.2 %	10-130								



Sample Information

Client Sample ID: TS OF-7 GAC3

York Sample ID: 25J0523-02

York Project (SDG) No.

25J0523

Client Project ID

HPN Outfall OF-7 J2257015 Task7

Matrix

Water

Collection Date/Time

October 8, 2025 9:53 am

Date Received

10/08/2025

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
13C4PFBA	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	124 %			5-130						
13C8PFOS	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	117 %			40-130						
13C5PFPEA	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	128 %			40-130						
13C8FOSA	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	118 %			40-130						
D3-NMEFOSAA	Surrogate: d3-N-MeFOSAA	120 %			40-170						
D5-NETFOSAA	Surrogate: d5-N-EtFOSAA	113 %			25-135						
M2-6:2FTS	Surrogate: M2-6:2 FTS	249 %	PFSu-H		40-200						
M2-8:2FTS	Surrogate: M2-8:2 FTS	191 %			40-300						
13C9PFNA	Surrogate: M9PFNA	124 %			40-130						
M2-4:2FTS	Surrogate: M2-4:2 FTS	331 %	PFSu-H		40-200						
936109-37-4	Surrogate: d-N-MeFOSA	86.9 %			10-130						
936109-40-9	Surrogate: d-N-EtFOSA	80.0 %			10-130						
M3HFPO-DA	Surrogate: M3HFPO-DA	124 %			40-130						
D9-NETPFOSA	Surrogate: d9-N-EtFOSE	92.4 %			10-130						
D7-NMEPFOSA	Surrogate: d7-N-MeFOSE	106 %			10-130						

Sample Information

Client Sample ID: TS OF-7 GAC2

York Sample ID: 25J0523-03

York Project (SDG) No.

25J0523

Client Project ID

HPN Outfall OF-7 J2257015 Task7

Matrix

Water

Collection Date/Time

October 8, 2025 9:56 am

Date Received

10/08/2025

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	1.45	1.60	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:10	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.453	1.81	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:10	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.634	1.81	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:10	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.806	1.66	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:10	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ng/L	0.905	1.81	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:10	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.688	1.68	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:10	AM



Sample Information

Client Sample ID: TS OF-7 GAC2

York Sample ID: 25J0523-03

York Project (SDG) No.

25J0523

Client Project ID

HPN Outfall OF-7 J2257015 Task7

Matrix

Water

Collection Date/Time

October 8, 2025 9:56 am

Date Received

10/08/2025

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	0.896	1.81	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:10	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.516	1.81	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:10	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	0.643	1.81	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:10	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.543	1.81	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:10	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	1.09	1.81	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:10	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ng/L	1.43	1.81	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:10	AM
2355-31-9	N-MeFOSAA	ND		ng/L	0.453	1.81	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:10	AM
2991-50-6	N-EtFOSAA	ND		ng/L	4.53	4.53	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:10	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.806	3.62	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:10	AM
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.335	1.81	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:10	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.281	1.73	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:10	AM
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	0.561	1.75	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:10	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	4.53	6.88	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:10	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.04	6.95	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:10	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	12.0		ng/L	1.48	7.24	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:10	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND		ng/L	0.453	3.22	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:10	AM
151772-58-6	Perfluoro-3,6-dioxahexanoic acid (NFDHA)	ND		ng/L	2.72	3.62	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:10	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.634	3.62	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:10	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	1.27	3.62	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:10	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.679	1.70	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:10	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	2.55	6.79	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:10	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	4.53	7.24	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:10	AM



Sample Information

Client Sample ID: TS OF-7 GAC2

York Sample ID: 25J0523-03

York Project (SDG) No.

25J0523

Client Project ID

HPN Outfall OF-7 J2257015 Task7

Matrix

Water

Collection Date/Time

October 8, 2025 9:56 am

Date Received

10/08/2025

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
763051-92-9	11CL-PF3OUdS	ND		ng/L	2.02	6.85	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:10	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	2.49	6.77	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:10	AM
919005-14-4	ADONA	ND		ng/L	2.69	6.85	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:10	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND	PF-LCS -L	ng/L	0.806	1.76	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:10	AM
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.679	1.74	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:10	AM
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ng/L	2.14	9.05	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:10	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ng/L	22.6	45.3	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:10	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ng/L	20.9	45.3	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:10	AM
24448-09-7	N-MeFOSE	ND		ng/L	6.43	18.1	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:10	AM
31506-32-8	N-MeFOSA	ND		ng/L	1.81	1.81	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:10	AM
1691-99-2	N-EtFOSE	ND		ng/L	6.59	18.1	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:10	AM
4151-50-2	N-EtFOSA	ND		ng/L	0.951	1.81	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:10	AM

Surrogate Recoveries		Result	Acceptance Range
M3PFBS	Surrogate: M3PFBS	117 %	40-135
338-30-1	Surrogate: M5PFHxA	109 %	40-130
13C4PFHPA	Surrogate: M4PFHpA	85.4 %	40-130
13C3PFHXS	Surrogate: M3PFHxS	107 %	40-130
13C8PFOA	Surrogate: Perfluoro-n- [13C8]octanoic acid (M8PFOA)	106 %	40-130
13C6PFDA	Surrogate: M6PFDA	98.2 %	40-130
13C7PFUNA	Surrogate: M7PFUdA	90.1 %	30-130
960315-52-0	Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)	77.8 %	10-130
13C2PFTEDA	Surrogate: M2PFTeDA	83.1 %	10-130
13C4PFBA	Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	117 %	5-130
13C8PFOS	Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	103 %	40-130
13C5PFPEA	Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	114 %	40-130
13C8FOSA	Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	101 %	40-130



Sample Information

Client Sample ID: TS OF-7 GAC2

York Sample ID: 25J0523-03

York Project (SDG) No.

25J0523

Client Project ID

HPN Outfall OF-7 J2257015 Task7

Matrix

Water

Collection Date/Time

October 8, 2025 9:56 am

Date Received

10/08/2025

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
D3-NMEFOSAA	Surrogate: d3-N-MeFOSAA	107 %			40-170						
D5-NETFOSAA	Surrogate: d5-N-EtFOSAA	107 %			25-135						
M2-6:2FTS	Surrogate: M2-6:2 FTS	258 %	PFSu-H		40-200						
M2-8:2FTS	Surrogate: M2-8:2 FTS	194 %			40-300						
13C9PFNA	Surrogate: M9PFNA	107 %			40-130						
M2-4:2FTS	Surrogate: M2-4:2 FTS	339 %	PFSu-H		40-200						
936109-37-4	Surrogate: d-N-MeFOSA	82.7 %			10-130						
936109-40-9	Surrogate: d-N-EtFOSA	71.4 %			10-130						
M3HFPO-DA	Surrogate: M3HFPO-DA	116 %			40-130						
D9-NETPFOSA	Surrogate: d9-N-EtFOSE	90.0 %			10-130						
D7-NMEPFOSA	Surrogate: d7-N-MeFOSE	98.5 %			10-130						

Sample Information

Client Sample ID: TS OF-7 GAC1

York Sample ID: 25J0523-04

York Project (SDG) No.

25J0523

Client Project ID

HPN Outfall OF-7 J2257015 Task7

Matrix

Water

Collection Date/Time

October 8, 2025 10:00 am

Date Received

10/08/2025

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	1.49	1.65	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:24	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	4.13		ng/L	0.465	1.86	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:24	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	1.21	J	ng/L	0.651	1.86	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:24	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	2.09		ng/L	0.828	1.70	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:24	AM
335-67-1	Perfluorooctanoic acid (PFOA)	2.30		ng/L	0.930	1.86	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:24	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	2.17		ng/L	0.707	1.73	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:24	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.921	1.86	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:24	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.530	1.86	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:24	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	0.660	1.86	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:24	AM



Sample Information

Client Sample ID: TS OF-7 GAC1

York Sample ID: 25J0523-04

York Project (SDG) No.

25J0523

Client Project ID

HPN Outfall OF-7 J2257015 Task7

Matrix

Water

Collection Date/Time

October 8, 2025 10:00 am

Date Received

10/08/2025

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
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.558	1.86	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:24	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	1.12	1.86	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:24	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ng/L	1.47	1.86	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:24	AM
2355-31-9	N-MeFOSAA	ND		ng/L	0.465	1.86	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:24	AM
2991-50-6	N-EtFOSAA	ND		ng/L	4.65	4.65	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:24	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	193		ng/L	0.828	3.72	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:24	AM
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.344	1.86	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:24	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.288	1.78	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:24	AM
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	0.577	1.79	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:24	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	4.65	7.07	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:24	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.09	7.14	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:24	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	93.6		ng/L	1.52	7.44	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:24	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND		ng/L	0.465	3.31	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:24	AM
151772-58-6	Perfluoro-3,6-dioxahexanoic acid (NFDHA)	ND		ng/L	2.79	3.72	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:24	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.651	3.72	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:24	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	1.30	3.72	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:24	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.697	1.75	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:24	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	2.62	6.97	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:24	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	4.65	7.44	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:24	AM
763051-92-9	11CL-PF3OUdS	ND		ng/L	2.07	7.03	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:24	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	2.56	6.96	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:24	AM
919005-14-4	ADONA	ND		ng/L	2.76	7.03	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:24	AM



Sample Information

Client Sample ID: TS OF-7 GAC1

York Sample ID: 25J0523-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25J0523

HPN Outfall OF-7 J2257015 Task7

Water

October 8, 2025 10:00 am

10/08/2025

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
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND	PF-LCS -L	ng/L	0.828	1.80	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:24	AM
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.697	1.79	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:24	AM
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ng/L	2.19	9.30	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:24	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ng/L	23.2	46.5	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:24	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ng/L	21.5	46.5	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:24	AM
24448-09-7	N-MeFOSE	ND		ng/L	6.60	18.6	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:24	AM
31506-32-8	N-MeFOSA	ND		ng/L	1.86	1.86	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:24	AM
1691-99-2	N-EtFOSE	ND		ng/L	6.77	18.6	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:24	AM
4151-50-2	N-EtFOSA	ND		ng/L	0.976	1.86	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:24	AM
Surrogate Recoveries		Result	Acceptance Range								
M3PFBS	Surrogate: M3PFBS	124 %	40-135								
338-30-1	Surrogate: M5PFHxA	123 %	40-130								
13C4PFHPA	Surrogate: M4PFHpA	99.7 %	40-130								
13C3PFHXS	Surrogate: M3PFHxS	123 %	40-130								
13C8PFOA	Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	122 %	40-130								
13C6PFDA	Surrogate: M6PFDA	107 %	40-130								
13C7PFUNA	Surrogate: M7PFUdA	91.7 %	30-130								
960315-52-0	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	88.7 %	10-130								
13C2PFTEDA	Surrogate: M2PFTeDA	79.6 %	10-130								
13C4PFBA	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	122 %	5-130								
13C8PFOS	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	105 %	40-130								
13C5PFPEA	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	122 %	40-130								
13C8FOSA	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	112 %	40-130								
D3-NMEFOSAA	Surrogate: d3-N-MeFOSAA	117 %	40-170								
D5-NETFOSAA	Surrogate: d5-N-EtFOSAA	109 %	25-135								
M2-6:2FTS	Surrogate: M2-6:2 FTS	260 %	PFSu-H	40-200							
M2-8:2FTS	Surrogate: M2-8:2 FTS	188 %	40-300								
13C9PFNA	Surrogate: M9PFNA	120 %	40-130								



Sample Information

Client Sample ID: TS OF-7 GAC1

York Sample ID: 25J0523-04

York Project (SDG) No.

25J0523

Client Project ID

HPN Outfall OF-7 J2257015 Task7

Matrix

Water

Collection Date/Time

October 8, 2025 10:00 am

Date Received

10/08/2025

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
M2-4:2FTS	Surrogate: M2-4:2 FTS	335 %		PFSu-H	40-200						
936109-37-4	Surrogate: d-N-MeFOSA	88.1 %			10-130						
936109-40-9	Surrogate: d-N-EtFOSA	78.7 %			10-130						
M3HFPO-DA	Surrogate: M3HFPO-DA	126 %			40-130						
D9-NETPFOSA	Surrogate: d9-N-EtFOSE	92.3 %			10-130						
D7-NMEPFOSA	Surrogate: d7-N-MeFOSE	102 %			10-130						

Sample Information

Client Sample ID: TS OF-7 INF

York Sample ID: 25J0523-05

York Project (SDG) No.

25J0523

Client Project ID

HPN Outfall OF-7 J2257015 Task7

Matrix

Surface Water

Collection Date/Time

October 8, 2025 10:03 am

Date Received

10/08/2025

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)	5.01		ng/L	2.98	3.30	2	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/18/2025 09:04	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	17.5		ng/L	0.932	3.73	2	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/18/2025 09:04	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	9.88		ng/L	1.30	3.73	2	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/18/2025 09:04	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	62.1		ng/L	1.66	3.41	2	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/18/2025 09:04	AM
335-67-1	Perfluorooctanoic acid (PFOA)	31.2		ng/L	1.86	3.73	2	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/18/2025 09:04	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	276		ng/L	1.42	3.47	2	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/18/2025 09:04	AM
375-95-1	Perfluorononanoic acid (PFNA)	14.3		ng/L	1.85	3.73	2	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/18/2025 09:04	AM
335-76-2	Perfluorodecanoic acid (PFDA)	2.42	J	ng/L	1.06	3.73	2	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/18/2025 09:04	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	14.8		ng/L	1.32	3.73	2	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/18/2025 09:04	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	1.12	3.73	2	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/18/2025 09:04	AM
72629-94-8	Perfluorotridecanoic acid (PFTTrDA)	ND		ng/L	2.24	3.73	2	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/18/2025 09:04	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ng/L	2.95	3.73	2	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/18/2025 09:04	AM



Sample Information

Client Sample ID: TS OF-7 INF

York Sample ID: 25J0523-05

York Project (SDG) No.

25J0523

Client Project ID

HPN Outfall OF-7 J2257015 Task7

Matrix

Surface Water

Collection Date/Time

October 8, 2025 10:03 am

Date Received

10/08/2025

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
2355-31-9	N-MeFOSAA	ND		ng/L	0.932	3.73	2	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/18/2025 09:04	AM
2991-50-6	N-EtFOSAA	ND		ng/L	9.32	9.32	2	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/18/2025 09:04	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	23.6		ng/L	1.66	7.46	2	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/18/2025 09:04	AM
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	2.83	J	ng/L	0.690	3.73	2	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/18/2025 09:04	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	3.30	J	ng/L	0.578	3.56	2	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/18/2025 09:04	AM
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.16	3.60	2	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/18/2025 09:04	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	15.4		ng/L	9.32	14.2	2	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/18/2025 09:04	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	7.20	J	ng/L	4.19	14.3	2	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/18/2025 09:04	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	7.25	J	ng/L	3.04	14.9	2	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/18/2025 09:04	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEA)	ND		ng/L	0.932	6.64	2	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/18/2025 09:04	AM
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	5.59	7.46	2	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/18/2025 09:04	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	1.30	7.46	2	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/18/2025 09:04	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	2.61	7.46	2	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/18/2025 09:04	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	5.62		ng/L	1.40	3.50	2	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/18/2025 09:04	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	5.26	14.0	2	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/18/2025 09:04	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	9.32	14.9	2	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/18/2025 09:04	AM
763051-92-9	11CL-PF3OUdS	ND		ng/L	4.16	14.1	2	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/18/2025 09:04	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	5.13	13.9	2	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/18/2025 09:04	AM
919005-14-4	ADONA	ND		ng/L	5.54	14.1	2	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/18/2025 09:04	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	1.66	3.62	2	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/18/2025 09:04	AM
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	1.40	3.58	2	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/18/2025 09:04	AM



Sample Information

Client Sample ID: TS OF-7 INF

York Sample ID: 25J0523-05

York Project (SDG) No.

25J0523

Client Project ID

HPN Outfall OF-7 J2257015 Task7

Matrix

Surface Water

Collection Date/Time

October 8, 2025 10:03 am

Date Received

10/08/2025

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
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ng/L	4.40	18.6	2	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/18/2025 09:04	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ng/L	46.6	93.2	2	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/18/2025 09:04	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ng/L	43.0	93.2	2	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/18/2025 09:04	AM
24448-09-7	N-MeFOSE	ND		ng/L	13.2	37.3	2	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/18/2025 09:04	AM
31506-32-8	N-MeFOSA	ND		ng/L	3.73	3.73	2	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/18/2025 09:04	AM
1691-99-2	N-EtFOSE	ND		ng/L	13.6	37.3	2	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/18/2025 09:04	AM
4151-50-2	N-EtFOSA	ND		ng/L	1.96	3.73	2	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/18/2025 09:04	AM
Surrogate Recoveries		Result	Acceptance Range								
M3PFBS	Surrogate: M3PFBS	137 %	PFSu-H	40-135							
338-30-1	Surrogate: M5PFHxA	136 %	PFSu-H	40-130							
13C4PFHPA	Surrogate: M4PFHpA	130 %		40-130							
13C3PFHXS	Surrogate: M3PFHxS	136 %	PFSu-H	40-130							
13C8PFOA	Surrogate: Perfluoro-n- [13C8]octanoic acid (M8PFOA)	133 %	PFSu-H	40-130							
13C6PFDA	Surrogate: M6PFDA	132 %	PFSu-H	40-130							
13C7PFUNA	Surrogate: M7PFUdA	138 %	PFSu-H	30-130							
960315-52-0	Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)	123 %		10-130							
13C2PFTEDA	Surrogate: M2PFTeDA	85.4 %		10-130							
13C4PFBA	Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	62.1 %		5-130							
13C8PFOS	Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	135 %	PFSu-H	40-130							
13C5PFPEA	Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	139 %	PFSu-H	40-130							
13C8FOSA	Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	142 %	PFSu-H	40-130							
D3-NMEFOSAA	Surrogate: d3-N-MeFOSAA	170 %	PFSu-H	40-170							
D5-NETFOSAA	Surrogate: d5-N-EtFOSAA	181 %	PFSu-H	25-135							
M2-6:2FTS	Surrogate: M2-6:2 FTS	161 %		40-200							
M2-8:2FTS	Surrogate: M2-8:2 FTS	176 %		40-300							
13C9PFNA	Surrogate: M9PFNA	141 %	PFSu-H	40-130							
M2-4:2FTS	Surrogate: M2-4:2 FTS	154 %		40-200							
936109-37-4	Surrogate: d-N-MeFOSA	134 %	PFSu-H	10-130							
936109-40-9	Surrogate: d-N-EtFOSA	123 %		10-130							



Sample Information

Client Sample ID: TS OF-7 INF

York Sample ID: 25J0523-05

York Project (SDG) No.

25J0523

Client Project ID

HPN Outfall OF-7 J2257015 Task7

Matrix

Surface Water

Collection Date/Time

October 8, 2025 10:03 am

Date Received

10/08/2025

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
M3HFPO-DA	Surrogate: M3HFPO-DA	134 %	PFSu-H		40-130						
D9-NETPFOSA	Surrogate: d9-N-EtFOSE	120 %			10-130						
D7-NMEPFOSA	Surrogate: d7-N-MeFOSE	125 %			10-130						

Sample Information

Client Sample ID: Trip Blank

York Sample ID: 25J0523-06

York Project (SDG) No.

25J0523

Client Project ID

HPN Outfall OF-7 J2257015 Task7

Matrix

Water

Collection Date/Time

October 8, 2025 3:00 pm

Date Received

10/08/2025

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	1.44	1.60	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:53	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.451	1.81	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:53	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.632	1.81	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:53	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.804	1.65	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:53	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ng/L	0.903	1.81	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:53	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.686	1.68	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:53	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.894	1.81	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:53	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.515	1.81	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:53	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	0.641	1.81	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:53	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.542	1.81	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:53	AM
72629-94-8	Perfluorotridecanoic acid (PFTDA)	ND		ng/L	1.08	1.81	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:53	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ng/L	1.43	1.81	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:53	AM
2355-31-9	N-MeFOSAA	ND		ng/L	0.451	1.81	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:53	AM
2991-50-6	N-EtFOSAA	ND		ng/L	4.51	4.51	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:53	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.804	3.61	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:53	AM



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 25J0523-06

York Project (SDG) No.

25J0523

Client Project ID

HPN Outfall OF-7 J2257015 Task7

Matrix

Water

Collection Date/Time

October 8, 2025 3:00 pm

Date Received

10/08/2025

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
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.334	1.81	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:53	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.280	1.72	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:53	AM
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	0.560	1.74	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:53	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	4.51	6.86	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:53	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.03	6.93	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:53	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	1.47	7.22	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:53	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND		ng/L	0.451	3.21	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:53	AM
151772-58-6	Perfluoro-3,6-dioxahexanoic acid (NFDHA)	ND		ng/L	2.71	3.61	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:53	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.632	3.61	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:53	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	1.26	3.61	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:53	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.677	1.70	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:53	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	2.55	6.77	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:53	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	4.51	7.22	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:53	AM
763051-92-9	11CL-PF3OUdS	ND		ng/L	2.01	6.83	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:53	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	2.48	6.75	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:53	AM
919005-14-4	ADONA	ND		ng/L	2.68	6.83	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:53	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND	PF-LCS -L	ng/L	0.804	1.75	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:53	AM
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.677	1.73	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:53	AM
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ng/L	2.13	9.03	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:53	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ng/L	22.6	45.1	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:53	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ng/L	20.8	45.1	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:53	AM



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 25J0523-06

York Project (SDG) No.

25J0523

Client Project ID

HPN Outfall OF-7 J2257015 Task7

Matrix

Water

Collection Date/Time

October 8, 2025 3:00 pm

Date Received

10/08/2025

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
24448-09-7	N-MeFOSE	ND		ng/L	6.41	18.1	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:53	AM
31506-32-8	N-MeFOSA	ND		ng/L	1.81	1.81	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:53	AM
1691-99-2	N-EtFOSE	ND		ng/L	6.57	18.1	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:53	AM
4151-50-2	N-EtFOSA	ND		ng/L	0.948	1.81	1	EPA 1633A Certifications: NYSDOH-NY12058	10/13/2025 13:38	10/14/2025 16:53	AM
Surrogate Recoveries		Result		Acceptance Range							
M3PFBS	Surrogate: M3PFBS	129 %									
338-30-1	Surrogate: M5PFHxA	128 %									
13C4PFHPA	Surrogate: M4PFHpA	103 %									
13C3PFHXS	Surrogate: M3PFHxS	109 %									
13C8PFOA	Surrogate: Perfluoro-n- [13C8]octanoic acid (M8PFOA)	122 %									
13C6PFDA	Surrogate: M6PFDA	98.1 %									
13C7PFUNA	Surrogate: M7PFUdA	92.9 %									
960315-52-0	Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)	94.1 %									
13C2PFTEDA	Surrogate: M2PFTeDA	112 %									
13C4PFBA	Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	136 %	PFSu-H								
13C8PFOS	Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	91.5 %									
13C5PFPEA	Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	135 %	PFSu-H								
13C8FOSA	Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	105 %									
D3-NMEFOSAA	Surrogate: d3-N-MeFOSAA	113 %									
D5-NETFOSAA	Surrogate: d5-N-EtFOSAA	107 %									
M2-6:2FTS	Surrogate: M2-6:2 FTS	251 %	PFSu-H								
M2-8:2FTS	Surrogate: M2-8:2 FTS	185 %									
13C9PFNA	Surrogate: M9PFNA	111 %									
M2-4:2FTS	Surrogate: M2-4:2 FTS	372 %	PFSu-H								
936109-37-4	Surrogate: d-N-MeFOSA	86.3 %									
936109-40-9	Surrogate: d-N-EtFOSA	81.7 %									
M3HFPO-DA	Surrogate: M3HFPO-DA	135 %	PFSu-H								
D9-NETPFOSA	Surrogate: d9-N-EtFOSE	94.4 %									
D7-NMEPFOSA	Surrogate: d7-N-MeFOSE	109 %									



Analytical Batch Summary

Batch ID: BJ50791

Preparation Method: EPA 1633 Prep

Prepared By: MPR

YORK Sample ID	Client Sample ID	Preparation Date
25J0523-01	TS OF-7 EFF	10/13/25
25J0523-02	TS OF-7 GAC3	10/13/25
25J0523-03	TS OF-7 GAC2	10/13/25
25J0523-04	TS OF-7 GAC1	10/13/25
25J0523-05	TS OF-7 INF	10/13/25
25J0523-06	Trip Blank	10/13/25
BJ50791-BLK1	Blank	10/13/25
BJ50791-BS1	LCS	10/13/25
BJ50791-BS2	LCS	10/13/25



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		Limits			Limit	
Batch BJ50791 - EPA 1633 Prep											
Blank (BJ50791-BLK1)				Prepared: 10/13/2025 Analyzed: 10/14/2025							
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 (PFTTrDA)	ND	2.00	"								
Perfluorotetradecanoic acid (PFTA)	ND	2.00	"								
N-MeFOSAA	ND	2.00	"								
N-EtFOSAA	ND	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)	ND	8.00	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	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	ND	20.0	"								
N-MeFOSA	ND	2.00	"								
N-EtFOSE	ND	20.0	"								
N-EtFOSA	ND	2.00	"								
Surrogate: M3PFBS	38.7		"	23.3		166	40-135				
Surrogate: M5PFHxA	41.3		"	25.0		165	40-130				
Surrogate: M4PFHpA	34.5		"	25.0		138	40-130				
Surrogate: M3PFHxS	38.0		"	23.7		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

Batch BJ50791 - EPA 1633 Prep

Blank (BJ50791-BLK1)

Prepared: 10/13/2025 Analyzed: 10/14/2025

Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	40.5		ng/L	25.0		162	40-130				
Surrogate: M6PFDA	18.9		"	12.5		151	40-130				
Surrogate: M7PFUdA	18.5		"	12.5		148	30-130				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	17.0		"	12.5		136	10-130				
Surrogate: M2PFTeDA	16.6		"	12.5		133	10-130				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	165		"	100		165	5-130				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	36.0		"	24.0		150	40-130				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	84.2		"	50.0		168	40-130				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	38.0		"	25.0		152	40-130				
Surrogate: d3-N-MeFOSAA	76.6		"	50.0		153	40-170				
Surrogate: d5-N-EtFOSAA	75.0		"	50.0		150	25-135				
Surrogate: M2-6:2 FTS	162		"	47.6		341	40-200				
Surrogate: M2-8:2 FTS	129		"	48.0		270	40-300				
Surrogate: M9PFNA	21.6		"	12.5		173	40-130				
Surrogate: M2-4:2 FTS	208		"	46.9		444	40-200				
Surrogate: d-N-MeFOSA	30.9		"	25.0		124	10-130				
Surrogate: d-N-EtFOSA	29.3		"	25.0		117	10-130				
Surrogate: M3HFPO-DA	170		"	100		170	40-130				
Surrogate: d9-N-EtFOSE	298		"	250		119	10-130				
Surrogate: d7-N-MeFOSE	349		"	250		139	10-130				

LCS (BJ50791-BS1)

Prepared: 10/13/2025 Analyzed: 10/14/2025

Perfluorobutanesulfonic acid (PFBS)	36.0	1.77	ng/L	35.4		102	60-145				
Perfluorohexanoic acid (PFHxA)	40.5	2.00	"	40.0		101	70-145				
Perfluoroheptanoic acid (PFHpA)	45.3	2.00	"	40.0		113	70-150				
Perfluorohexanesulfonic acid (PFHxS)	34.0	1.83	"	36.6		92.9	65-145				
Perfluorooctanoic acid (PFOA)	37.5	2.00	"	40.0		93.7	70-150				
Perfluorooctanesulfonic acid (PFOS)	34.6	1.86	"	37.2		92.9	55-150				
Perfluorononanoic acid (PFNA)	38.1	2.00	"	40.0		95.2	70-150				
Perfluorodecanoic acid (PFDA)	38.7	2.00	"	40.0		96.8	70-140				
Perfluoroundecanoic acid (PFUnA)	38.8	2.00	"	40.0		96.9	70-145				
Perfluorododecanoic acid (PFDoA)	43.3	2.00	"	40.0		108	70-140				
Perfluorotridecanoic acid (PFTriDA)	42.6	2.00	"	40.0		107	65-140				
Perfluorotetradecanoic acid (PFTA)	37.8	2.00	"	40.0		94.4	60-140				
N-MeFOSAA	37.0	2.00	"	40.0		92.4	50-140				
N-EtFOSAA	41.2	5.00	"	40.0		103	70-145				
Perfluoropentanoic acid (PFPeA)	82.1	4.00	"	80.0		103	65-135				
Perfluoro-1-octanesulfonamide (FOSA)	40.1	2.00	"	40.0		100	70-145				
Perfluoro-1-heptanesulfonic acid (PFHpS)	36.2	1.91	"	38.2		94.7	70-150				
Perfluoro-1-decanesulfonic acid (PFDS)	33.4	1.93	"	38.6		86.5	60-145				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	155	7.60	"	152		102	65-155				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	163	7.68	"	154		106	60-150				
Perfluoro-n-butanoic acid (PFBA)	158	8.00	"	160		98.9	70-140				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	69.1	3.56	"	71.2		97.0	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 BJ50791 - EPA 1633 Prep											
LCS (BJ50791-BS1)						Prepared: 10/13/2025 Analyzed: 10/14/2025					
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	78.8	4.00	ng/L	80.0		98.5	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	78.7	4.00	"	80.0		98.4	55-140				
Perfluoro-5-oxahexanoic acid (PFMBA)	77.4	4.00	"	80.0		96.8	60-150				
Perfluoro-1-pentanesulfonate (PFPeS)	36.6	1.88	"	37.6		97.4	65-140				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	159	7.50	"	150		106	70-145				
HFPO-DA (Gen-X)	78.1	8.00	"	80.0		97.7	70-140				
11CL-PF3OUdS	65.6	7.56	"	75.6		86.8	55-160				
9CL-PF3ONS	68.0	7.48	"	74.8		90.9	70-155				
ADONA	77.0	7.56	"	75.6		102	65-145				
Perfluorododecanesulfonic acid (PFDoS)	35.2	1.94	"	38.8		90.6	50-145				
Perfluoro-1-nonanesulfonic acid (PFNS)	38.3	1.92	"	38.4		99.7	65-145				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	192	10.0	"	160		120	65-130				
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	860	50.0	"	800		108	70-135				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	883	50.0	"	800		110	50-145				
N-MeFOSE	388	20.0	"	400		96.9	70-145				
N-MeFOSA	37.4	2.00	"	40.0		93.4	60-150				
N-EtFOSE	423	20.0	"	400		106	70-135				
N-EtFOSA	42.4	2.00	"	40.0		106	65-145				
Surrogate: M3PFBS	32.3		"	23.3		138	40-135				
Surrogate: M5PFHxA	33.4		"	25.0		134	40-130				
Surrogate: M4PFHpA	27.5		"	25.0		110	40-130				
Surrogate: M3PFHxS	32.5		"	23.7		137	40-130				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	31.0		"	25.0		124	40-130				
Surrogate: M6PFDA	15.7		"	12.5		125	40-130				
Surrogate: M7PFUdA	15.7		"	12.5		126	30-130				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	14.8		"	12.5		118	10-130				
Surrogate: M2PFTeDA	13.7		"	12.5		109	10-130				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	137		"	100		137	5-130				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	29.9		"	24.0		125	40-130				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	68.1		"	50.0		136	40-130				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	31.4		"	25.0		125	40-130				
Surrogate: d3-N-MeFOSAA	72.8		"	50.0		146	40-170				
Surrogate: d5-N-EtFOSAA	64.8		"	50.0		130	25-135				
Surrogate: M2-6:2 FTS	120		"	47.6		252	40-200				
Surrogate: M2-8:2 FTS	104		"	48.0		217	40-300				
Surrogate: M9PFNA	16.1		"	12.5		129	40-130				
Surrogate: M2-4:2 FTS	147		"	46.9		313	40-200				
Surrogate: d-N-MeFOSA	27.4		"	25.0		110	10-130				
Surrogate: d-N-EtFOSA	23.4		"	25.0		93.5	10-130				
Surrogate: M3HFPO-DA	139		"	100		139	40-130				
Surrogate: d9-N-EtFOSE	263		"	250		105	10-130				
Surrogate: d7-N-MeFOSE	302		"	250		121	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 BJ50791 - EPA 1633 Prep											
LCS (BJ50791-BS2)						Prepared: 10/13/2025 Analyzed: 10/14/2025					
Perfluorobutanesulfonic acid (PFBS)	3.44	1.77	ng/L	3.54		97.3	60-145				
Perfluorohexanoic acid (PFHxA)	3.96	2.00	"	4.00		98.9	70-145				
Perfluoroheptanoic acid (PFHpA)	4.62	2.00	"	4.00		116	70-150				
Perfluorohexanesulfonic acid (PFHxS)	3.35	1.83	"	3.66		91.6	65-145				
Perfluorooctanoic acid (PFOA)	3.84	2.00	"	4.00		96.1	70-150				
Perfluorooctanesulfonic acid (PFOS)	3.13	1.86	"	3.72		84.0	55-150				
Perfluorononanoic acid (PFNA)	3.51	2.00	"	4.00		87.8	70-150				
Perfluorodecanoic acid (PFDA)	4.30	2.00	"	4.00		108	70-140				
Perfluoroundecanoic acid (PFUnA)	3.80	2.00	"	4.00		94.9	70-145				
Perfluorododecanoic acid (PFDoA)	7.71	2.00	"	4.00		193	70-140	High Bias			
Perfluorotridecanoic acid (PFTriDA)	11.3	2.00	"	4.00		281	65-140	High Bias			
Perfluorotetradecanoic acid (PFTA)	3.71	2.00	"	4.00		92.7	60-140				
N-MeFOSAA	3.73	2.00	"	4.00		93.3	50-140				
N-EtFOSAA	4.17	5.00	"	4.00		104	70-145				
Perfluoropentanoic acid (PFPeA)	8.26	4.00	"	8.00		103	65-135				
Perfluoro-1-octanesulfonamide (FOSA)	4.14	2.00	"	4.00		104	70-145				
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.12	1.91	"	3.82		108	70-150				
Perfluoro-1-decanesulfonic acid (PFDS)	3.66	1.93	"	3.86		94.9	60-145				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	15.8	7.60	"	15.2		104	65-155				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	15.7	7.68	"	15.4		102	60-150				
Perfluoro-n-butanoic acid (PFBA)	16.6	8.00	"	16.0		104	70-140				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	6.99	3.56	"	7.12		98.1	70-140				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	6.57	4.00	"	8.00		82.1	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	8.65	4.00	"	8.00		108	55-140				
Perfluoro-5-oxahexanoic acid (PFMBA)	8.33	4.00	"	8.00		104	60-150				
Perfluoro-1-pentanesulfonate (PFPeS)	3.76	1.88	"	3.76		100	65-140				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	16.2	7.50	"	15.0		108	70-145				
HFPO-DA (Gen-X)	6.19	8.00	"	8.00		77.4	70-140				
11CL-PF3OUdS	8.19	7.56	"	7.56		108	55-160				
9CL-PF3ONS	8.67	7.48	"	7.48		116	70-155				
ADONA	9.03	7.56	"	7.56		119	65-145				
Perfluorododecanesulfonic acid (PFDoS)	1.28	1.94	"	3.88		32.9	50-145	Low Bias			
Perfluoro-1-nonanesulfonic acid (PFNS)	3.88	1.92	"	3.84		101	65-145				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	18.7	10.0	"	16.0		117	65-130				
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	86.7	50.0	"	80.0		108	70-135				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	87.0	50.0	"	80.0		109	50-145				
N-MeFOSE	41.5	20.0	"	40.0		104	70-145				
N-MeFOSA	5.47	2.00	"	4.00		137	60-150				
N-EtFOSE	39.4	20.0	"	40.0		98.5	70-135				
N-EtFOSA	5.18	2.00	"	4.00		130	65-145				
Surrogate: M3PFBS	35.6		"	23.3		153	40-135				
Surrogate: M5PFHxA	36.6		"	25.0		147	40-130				
Surrogate: M4PFHpA	30.8		"	25.0		123	40-130				
Surrogate: M3PFHxS	35.8		"	23.7		151	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 BJ50791 - EPA 1633 Prep

LCS (BJ50791-BS2)

Prepared: 10/13/2025 Analyzed: 10/14/2025

Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	37.1		ng/L	25.0		148	40-130				
Surrogate: M6PFDA	18.4		"	12.5		147	40-130				
Surrogate: M7PFUdA	19.1		"	12.5		153	30-130				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	18.2		"	12.5		145	10-130				
Surrogate: M2PFTeDA	16.2		"	12.5		129	10-130				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	149		"	100		149	5-130				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	32.9		"	24.0		137	40-130				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	73.9		"	50.0		148	40-130				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	36.3		"	25.0		145	40-130				
Surrogate: d3-N-MeFOSAA	85.4		"	50.0		171	40-170				
Surrogate: d5-N-EtFOSAA	81.4		"	50.0		163	25-135				
Surrogate: M2-6:2 FTS	151		"	47.6		317	40-200				
Surrogate: M2-8:2 FTS	134		"	48.0		279	40-300				
Surrogate: M9PFNA	18.9		"	12.5		151	40-130				
Surrogate: M2-4:2 FTS	185		"	46.9		393	40-200				
Surrogate: d-N-MeFOSA	30.8		"	25.0		123	10-130				
Surrogate: d-N-EtFOSA	27.3		"	25.0		109	10-130				
Surrogate: M3HFPO-DA	144		"	100		144	40-130				
Surrogate: d9-N-EtFOSE	314		"	250		125	10-130				
Surrogate: d7-N-MeFOSE	340		"	250		136	10-130				





Sample and Data Qualifiers Relating to This Work Order

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.

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.

Corrective Action: Trip blank was received not listed on COC and has been added to end of workorder. NS



Field Chain-of-Custody Record

ALS' Standard Terms & Conditions are listed on the back side of this document. This legal document serves as your written authorization for ALS to proceed with the analyses requested below. Your signature binds you to ALS' 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 800-306-9675

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Report To: Company: <u>Rocky Hill CT</u> Address: <u>10000</u> Phone: <u>860-306-9675</u> Contact: <u>clientservices@yorklab.com</u> E-mail: <u>clientservices@yorklab.com</u>		Invoice To: Company: <u>Rocky Hill CT</u> Address: <u>10000</u> Phone: <u>860-306-9675</u> Contact: <u>clientservices@yorklab.com</u> E-mail: <u>clientservices@yorklab.com</u>		YOUR Project Name / Number <u>HAN OFF-7</u> <u>2257015 Task 7</u> <u>2257015 Task 7</u>		Samples Collected From NY ☒ CT ☒ NJ ☒ PA ☒ Other: (please specify)		Turn-Around Time RUSH - Next Day ☐ RUSH - Two Day ☐ RUSH - Three Day ☐ RUSH - Four Day ☐ RUSH - Five Day ☐ Standard (6-9 Day) ☒ PFAS Standard 7-10 Day ☒			
Matrix Codes S - soil/solid/sludge GW - groundwater DW - drinking water SW - surface water WW - wastewater O - Oil Other		Preservative (please list number of containers) Unpreserved HCl (hydrochloric acid) MeOH (methanol) HNO ₃ (nitric acid) H ₂ SO ₄ (sulfuric acid) NaOH (sodium hydroxide) Na ₂ S ₂ O ₃ (sodium thio-) TriZma Ammonium Acetate Other:		Analyses Requested <u>PFAS in 1133A</u>		Report Type (circle) QA Report Summary (Results Only) NY ASP B Package NJ Reduced NJ DKQP NJ Full CT RCP		EDD Type (circle) EQUIS (standard) NYSDEC EQUIS NJDEP SRP Haz Site Standard Excel CMDP Other:			
Sample Identification Date: <u>10/01/16</u> Time: <u>0951</u> Matrix: <u>SW</u> <u>TS OF-7 EFF</u> <u>TS OF-7 GAS</u> <u>TS OF-7 GAC2</u> <u>TS OF-7 GAC1</u> <u>TS OF-7 INF</u>		Regulatory Comparative Compared to the following Regulation(s): (please fill in)		Field Filtered Lab Filtered		Regulatory Comparative Compared to the following Regulation(s): (please fill in)		Field Filtered Lab Filtered			
Comments: <u>10-8-25/1235</u> <u>10-8-25/1235</u> <u>10-8-25/1235</u>		Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N Containers Intact: ☒ Y / ☒ N COC/Labels Agree: ☒ Y / ☒ N COC Complete: ☒ Y / ☒ N COC Received: ☒ Y / ☒ N Appropriate Sample Volumes: ☒ Y / ☒ N Appropriate Sample Containers: ☒ Y / ☒ N Cooler Temperature Confirmed: ☒ Y / ☒ N Samples Submitted within Holding Times: ☒ Y / ☒ N Corrective Action Form Required: ☒ Y / ☒ N		1. Samples Relinquished by / Company Date/Time: <u>10-8-25/1235</u>		2. Samples Relinquished by / Company Date/Time: <u>10-8-25/1235</u>		3. Samples Received by / Company Date/Time: <u>10-8-25/1235</u>		4. Samples Received by / Company Date/Time: <u>10-8-25/1235</u>	
Signature <u>[Signature]</u> Date/Time: <u>10-8-25/1235</u>		Signature <u>[Signature]</u> Date/Time: <u>10-8-25/1235</u>		Signature <u>[Signature]</u> Date/Time: <u>10-8-25/1235</u>		Signature <u>[Signature]</u> Date/Time: <u>10-8-25/1235</u>		Signature <u>[Signature]</u> Date/Time: <u>10-8-25/1235</u>			



Field Chain-of-Custody Record

ALS' Standard Terms & Conditions are listed on the back side of this document. This legal document serves as your written authorization for ALS to proceed with the analyses requested below. Your signature binds you to ALS' Standard Terms & Conditions.

ALS Project Number
2510523

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd, #2 Newtown, CT 06470 2161 Whittlesville Rd Toms River, NJ 08755 clientservices@yorklab.com 800-306-YORK 800-306-9675

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Report To:		Invoice To:		YOUR Project Name / Number		Samples Collected From		Turn-Around Time	
Company:	Address:	Company:	Address:	NY	PA	NY	PA	RUSH - Next Day	
Rocky Hill CT		up load to						RUSH - Two Day	
		COUPA						RUSH - Three Day	
Phone:		PO Number						RUSH - Four Day	
Contact:		Preservative						RUSH - Five Day	
E-mail:		(please list number of containers)						Standard (16-19 Day)	
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 ALS are resolved.		Matrix Codes	Time	Date	Matrix	Other:	Report Type (circle)	Summary (Results Only)	
		S - soil/solid/sludge	GW - groundwater	TS OF-7 G-FF	10/6/10	10/6/10			TS OF-7 G-FF
		GW - drinking water	TS OF-7 G-AS	10/6/10	10/6/10	TS OF-7 G-AS	NJ Reduced	NJ DKQP	
		SW - surface water	TS OF-7 G-AC2	10/6/10	10/6/10	TS OF-7 G-AC2	NJ Full	CT RCP	
		WW - wastewater	TS OF-7 G-AC1	10/6/10	10/6/10	TS OF-7 G-AC1	GIC	EDD Type (circle)	
		O - Oil	TS OF-7 INP	10/6/10	10/6/10	TS OF-7 INP	EQUS (standard)	EQUS (standard)	
			TRIP BLANK	10/8/10	10/8/10	TRIP BLANK	NYSDEC EQUIS	NJDEP SRP Haz Site	
							Standard Excel	CMDP	
							Other:	Regulatory Comparative	
							Compared to the following Regulation(s):	Regulation(s):	

Comments:		Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N	
		Custody Seals: Y / ☒ N	COC Labels Agree: Y / ☒ N
		COC Complete: Y / ☒ N	COC Received: Y / ☒ N
		COC Appropriate Sample Volumes: Y / ☒ N	Appropriate Sample Containers: Y / ☒ N
		Cooler Temperature Confirmed: Y / ☒ N	Samples Submitted within Holding Times: Y / ☒ N
1. Samples Received by / Company		2. Samples Relinquished by / Company	
3. Samples Received by / Company		3. Samples Relinquished by / Company	
4. Samples Relinquished by / Company		4. Samples Relinquished by / Company	

Signature: *Davidson* Date/Time: 10-8-25/1235

Signature: *NCCP* Date/Time: 10/08/25 12:35

Signature: *169* Date/Time: 10/08/25 12:35



Technical Report

prepared for:

Terracon Consultants, Inc.

201 Hammer Mill Rd

Rocky Hill CT, 06067

Attention: Don Pomeroy

Report Date: 11/04/2025

Client Project ID: J2257015 Task 7

York Project (SDG) No.: 25J1750



Report Date: 11/04/2025
Client Project ID: J2257015 Task 7
York Project (SDG) No.: 25J1750

Terracon Consultants, Inc.
201 Hammer Mill Rd
Rocky Hill CT, 06067
Attention: Don Pomeroy

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 October 29, 2025 and listed below. The project was identified as your project: **J2257015 Task 7**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
25J1750-01	TS OF-7 GAC1	Other	10/29/2025	10/29/2025
25J1750-02	TS OF-7 GAC2	Other	10/29/2025	10/29/2025
25J1750-03	TS OF-7 GAC3	Other	10/29/2025	10/29/2025
25J1750-04	TS OF-7 EFF	Other	10/29/2025	10/29/2025
25J1750-05	TRIP BLANK	Water	10/29/2025	10/29/2025

General Notes for York Project (SDG) No.: 25J1750

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 NYDOH-NY10854, NJDEP-CT005, PADEP-68-04440, CTDPH-PH0840; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NYDOH-NY12058, NJDEP-NY037, CTDPH-PH0837, NHDES-NH2097, MDDEP-375, PADEP-68-06231.

Approved By:



Jimmy Dodsworth
Laboratory Manager Queens

Date: 11/04/2025



Client: Terracon Consultants, Inc.

York Sample ID: 25J1750-01

Client Project: J2257015 Task 7

Date Received: 10/29/2025

Client Sample ID: TS OF-7 GAC1

Collection Date/Time: 10/29/25 10:13

Lab ID: 25J1750-01
Analysis: PFAS Target compounds by LC/MS-MS
Prep Method: Sample Prepared by Method: EPA 1633 Prep

Laboratory: York Analytical Laboratories, Inc. - Queens
Matrix: Other
Sample Notes:

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
Perfluorobutanesulfonic acid (PFBS)	9.42		1.65	1.82	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 19:52	AM
Perfluorohexanoic acid (PFHxA)	70.9		0.514	2.06	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 19:52	AM
Perfluoroheptanoic acid (PFHpA)	32.3		0.720	2.06	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 19:52	AM
Perfluorohexanesulfonic acid (PFHxS)	141		0.916	1.88	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 19:52	AM
Perfluorooctanoic acid (PFOA)	111		1.03	2.06	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 19:52	AM
Perfluorooctanesulfonic acid (PFOS)	310		0.782	1.91	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 19:52	AM
Perfluorononanoic acid (PFNA)	28.7		1.02	2.06	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 19:52	AM
Perfluorodecanoic acid (PFDA)	1.34	J	0.586	2.06	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 19:52	AM
Perfluoroundecanoic acid (PFUnA)	4.37		0.730	2.06	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 19:52	AM
Perfluorododecanoic acid (PFDoA)	ND		0.617	2.06	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 19:52	AM
Perfluorotridecanoic acid (PFTrDA)	ND		1.23	2.06	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 19:52	AM
Perfluorotetradecanoic acid (PFTA)	ND		1.63	2.06	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 19:52	AM
N-MeFOSAA	ND		0.514	2.06	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 19:52	AM
N-EtFOSAA	ND		5.14	5.14	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 19:52	AM
Perfluoropentanoic acid (PFPeA)	133		0.916	4.12	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 19:52	AM
Perfluoro-1-octanesulfonamide (FOSA)	0.915	J	0.381	2.06	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 19:52	AM
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.88		0.319	1.97	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 19:52	AM
Perfluoro-1-decanesulfonic acid (PFDS)	ND		0.638	1.99	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 19:52	AM
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	35.9		5.14	7.82	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 19:52	AM
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		2.31	7.90	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 19:52	AM
Perfluoro-n-butanoic acid (PFBA)	62.1		1.68	8.23	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 19:52	AM
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		0.514	3.66	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 19:52	AM
Perfluoro-3,6-dioxahexanoic acid (NFDHA)	ND		3.09	4.12	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 19:52	AM
Perfluoro-4-oxapentanoic acid (PFMPA)	ND		0.720	4.12	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 19:52	AM
Perfluoro-5-oxahexanoic acid (PFMBA)	ND		1.44	4.12	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 19:52	AM
Perfluoro-1-pentanesulfonate (PFPeS)	11.5		0.772	1.93	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 19:52	AM
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		2.90	7.72	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 19:52	AM
HFPO-DA (Gen-X)	ND		5.14	8.23	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 19:52	AM
11CL-PF3OUdS	ND		2.29	7.78	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 19:52	AM
9CL-PF3ONS	ND		2.83	7.70	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 19:52	AM
ADONA	ND		3.06	7.78	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 19:52	AM
Perfluorododecanesulfonic acid (PFDoS)	ND		0.916	2.00	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 19:52	AM



Client: Terracon Consultants, Inc.

Client Project: J2257015 Task 7

Client Sample ID: TS OF-7 GAC1

York Sample ID: 25J1750-01

Date Received: 10/29/2025

Collection Date/Time: 10/29/25 10:13

Lab ID: 25J1750-01	Laboratory: York Analytical Laboratories, Inc. - Queens
Analysis: PFAS Target compounds by LC/MS-MS	Matrix: Other
Prep Method: Sample Prepared by Method: EPA 1633 Prep	Sample Notes:

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
Perfluoro-1-nonanesulfonic acid (PFNS)	ND		0.772	1.98	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 19:52	AM
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		2.43	10.3	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 19:52	AM
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		25.7	51.4	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 19:52	AM
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		23.7	51.4	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 19:52	AM
N-MeFOSE	ND		7.30	20.6	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 19:52	AM
N-MeFOSA	ND		2.06	2.06	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 19:52	AM
N-EtFOSE	ND		7.49	20.6	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 19:52	AM
N-EtFOSA	ND		1.08	2.06	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 19:52	AM

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: M3PFBS	116 %		40-135	EPA 1633A	11/ 2/25 19:52
Surrogate: M5PFHxA	106 %		40-130	EPA 1633A	11/ 2/25 19:52
Surrogate: M4PFHpA	114 %		40-130	EPA 1633A	11/ 2/25 19:52
Surrogate: M3PFHxS	108 %		40-130	EPA 1633A	11/ 2/25 19:52
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	97.3 %		40-130	EPA 1633A	11/ 2/25 19:52
Surrogate: M6PFDA	84.8 %		40-130	EPA 1633A	11/ 2/25 19:52
Surrogate: M7PFUdA	71.1 %		30-130	EPA 1633A	11/ 2/25 19:52
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	59.9 %		10-130	EPA 1633A	11/ 2/25 19:52
Surrogate: M2PFTeDA	57.3 %		10-130	EPA 1633A	11/ 2/25 19:52
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	31.1 %		5-130	EPA 1633A	11/ 2/25 19:52
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	99.4 %		40-130	EPA 1633A	11/ 2/25 19:52
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	97.3 %		40-130	EPA 1633A	11/ 2/25 19:52
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	87.1 %		40-130	EPA 1633A	11/ 2/25 19:52
Surrogate: d3-N-MeFOSAA	81.3 %		40-170	EPA 1633A	11/ 2/25 19:52
Surrogate: d5-N-EtFOSAA	81.6 %		25-135	EPA 1633A	11/ 2/25 19:52
Surrogate: M2-6:2 FTS	139 %		40-200	EPA 1633A	11/ 2/25 19:52
Surrogate: M2-8:2 FTS	109 %		40-300	EPA 1633A	11/ 2/25 19:52
Surrogate: M9PFNA	108 %		40-130	EPA 1633A	11/ 2/25 19:52
Surrogate: M2-4:2 FTS	158 %		40-200	EPA 1633A	11/ 2/25 19:52
Surrogate: d-N-MeFOSA	75.6 %		10-130	EPA 1633A	11/ 2/25 19:52
Surrogate: d-N-EtFOSA	74.1 %		10-130	EPA 1633A	11/ 2/25 19:52
Surrogate: M3HFPO-DA	110 %		40-130	EPA 1633A	11/ 2/25 19:52
Surrogate: d9-N-EtFOSE	68.6 %		10-130	EPA 1633A	11/ 2/25 19:52
Surrogate: d7-N-MeFOSE	70.9 %		10-130	EPA 1633A	11/ 2/25 19:52



Client: Terracon Consultants, Inc.

York Sample ID: 25J1750-02

Client Project: J2257015 Task 7

Date Received: 10/29/2025

Client Sample ID: TS OF-7 GAC2

Collection Date/Time: 10/29/25 10:15

Lab ID: 25J1750-02	Laboratory: York Analytical Laboratories, Inc. - Queens
Analysis: PFAS Target compounds by LC/MS-MS	Matrix: Other
Prep Method: Sample Prepared by Method: EPA 1633 Prep	Sample Notes:

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
Perfluorobutanesulfonic acid (PFBS)	ND		1.65	1.82	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:07	AM
Perfluorohexanoic acid (PFHxA)	ND		0.515	2.06	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:07	AM
Perfluoroheptanoic acid (PFHpA)	ND		0.722	2.06	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:07	AM
Perfluorohexanesulfonic acid (PFHxS)	ND		0.918	1.89	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:07	AM
Perfluorooctanoic acid (PFOA)	ND		1.03	2.06	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:07	AM
Perfluorooctanesulfonic acid (PFOS)	ND		0.784	1.92	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:07	AM
Perfluorononanoic acid (PFNA)	ND		1.02	2.06	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:07	AM
Perfluorodecanoic acid (PFDA)	ND		0.588	2.06	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:07	AM
Perfluoroundecanoic acid (PFUnA)	ND		0.732	2.06	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:07	AM
Perfluorododecanoic acid (PFDoA)	ND		0.619	2.06	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:07	AM
Perfluorotridecanoic acid (PFTrDA)	ND		1.24	2.06	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:07	AM
Perfluorotetradecanoic acid (PFTA)	ND		1.63	2.06	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:07	AM
N-MeFOSAA	ND		0.515	2.06	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:07	AM
N-EtFOSAA	ND		5.15	5.15	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:07	AM
Perfluoropentanoic acid (PFPeA)	ND		0.918	4.12	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:07	AM
Perfluoro-1-octanesulfonamide (FOSA)	ND		0.381	2.06	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:07	AM
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		0.320	1.97	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:07	AM
Perfluoro-1-decanesulfonic acid (PFDS)	ND		0.639	1.99	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:07	AM
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		5.15	7.84	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:07	AM
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		2.32	7.92	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:07	AM
Perfluoro-n-butanoic acid (PFBA)	ND		1.68	8.25	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:07	AM
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		0.515	3.67	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:07	AM
Perfluoro-3,6-dioxahexanoic acid (NFDHA)	ND		3.09	4.12	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:07	AM
Perfluoro-4-oxapentanoic acid (PFMPA)	ND		0.722	4.12	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:07	AM
Perfluoro-5-oxahexanoic acid (PFMBA)	ND		1.44	4.12	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:07	AM
Perfluoro-1-pentanesulfonate (PFPeS)	ND		0.773	1.94	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:07	AM
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		2.91	7.73	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:07	AM
HFPO-DA (Gen-X)	ND		5.15	8.25	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:07	AM
11CL-PF3OUdS	ND		2.30	7.79	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:07	AM
9CL-PF3ONS	ND		2.84	7.71	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:07	AM
ADONA	ND		3.06	7.79	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:07	AM
Perfluorododecanesulfonic acid (PFDoS)	ND		0.918	2.00	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:07	AM



Client: Terracon Consultants, Inc.

Client Project: J2257015 Task 7

Client Sample ID: TS OF-7 GAC2

York Sample ID: 25J1750-02

Date Received: 10/29/2025

Collection Date/Time: 10/29/25 10:15

Lab ID: 25J1750-02	Laboratory: York Analytical Laboratories, Inc. - Queens
Analysis: PFAS Target compounds by LC/MS-MS	Matrix: Other
Prep Method: Sample Prepared by Method: EPA 1633 Prep	Sample Notes:

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
Perfluoro-1-nonanesulfonic acid (PFNS)	ND		0.773	1.98	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:07	AM
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		2.43	10.3	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:07	AM
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		25.8	51.5	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:07	AM
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		23.8	51.5	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:07	AM
N-MeFOSE	ND		7.32	20.6	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:07	AM
N-MeFOSA	ND		2.06	2.06	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:07	AM
N-EtFOSE	ND		7.51	20.6	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:07	AM
N-EtFOSA	ND		1.08	2.06	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:07	AM

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: M3PFBS	105 %		40-135	EPA 1633A	11/ 2/25 20:07
Surrogate: M5PFHxA	101 %		40-130	EPA 1633A	11/ 2/25 20:07
Surrogate: M4PFHpA	99.3 %		40-130	EPA 1633A	11/ 2/25 20:07
Surrogate: M3PFHxS	101 %		40-130	EPA 1633A	11/ 2/25 20:07
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	96.6 %		40-130	EPA 1633A	11/ 2/25 20:07
Surrogate: M6PFDA	72.4 %		40-130	EPA 1633A	11/ 2/25 20:07
Surrogate: M7PFUdA	64.7 %		30-130	EPA 1633A	11/ 2/25 20:07
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	57.7 %		10-130	EPA 1633A	11/ 2/25 20:07
Surrogate: M2PFTeDA	44.3 %		10-130	EPA 1633A	11/ 2/25 20:07
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	44.8 %		5-130	EPA 1633A	11/ 2/25 20:07
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	97.8 %		40-130	EPA 1633A	11/ 2/25 20:07
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	94.2 %		40-130	EPA 1633A	11/ 2/25 20:07
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	106 %		40-130	EPA 1633A	11/ 2/25 20:07
Surrogate: d3-N-MeFOSAA	72.2 %		40-170	EPA 1633A	11/ 2/25 20:07
Surrogate: d5-N-EtFOSAA	69.4 %		25-135	EPA 1633A	11/ 2/25 20:07
Surrogate: M2-6:2 FTS	113 %		40-200	EPA 1633A	11/ 2/25 20:07
Surrogate: M2-8:2 FTS	89.8 %		40-300	EPA 1633A	11/ 2/25 20:07
Surrogate: M9PFNA	97.9 %		40-130	EPA 1633A	11/ 2/25 20:07
Surrogate: M2-4:2 FTS	108 %		40-200	EPA 1633A	11/ 2/25 20:07
Surrogate: d-N-MeFOSA	66.7 %		10-130	EPA 1633A	11/ 2/25 20:07
Surrogate: d-N-EtFOSA	70.0 %		10-130	EPA 1633A	11/ 2/25 20:07
Surrogate: M3HFPO-DA	97.1 %		40-130	EPA 1633A	11/ 2/25 20:07
Surrogate: d9-N-EtFOSE	62.0 %		10-130	EPA 1633A	11/ 2/25 20:07
Surrogate: d7-N-MeFOSE	64.7 %		10-130	EPA 1633A	11/ 2/25 20:07



Client: Terracon Consultants, Inc.

York Sample ID: 25J1750-03

Client Project: J2257015 Task 7

Date Received: 10/29/2025

Client Sample ID: TS OF-7 GAC3

Collection Date/Time: 10/29/25 10:21

Lab ID: 25J1750-03	Laboratory: York Analytical Laboratories, Inc. - Queens
Analysis: PFAS Target compounds by LC/MS-MS	Matrix: Other
Prep Method: Sample Prepared by Method: EPA 1633 Prep	Sample Notes:

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
Perfluorobutanesulfonic acid (PFBS)	ND		1.64	1.81	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:21	AM
Perfluorohexanoic acid (PFHxA)	ND		0.511	2.04	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:21	AM
Perfluoroheptanoic acid (PFHpA)	ND		0.716	2.04	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:21	AM
Perfluorohexanesulfonic acid (PFHxS)	ND		0.910	1.87	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:21	AM
Perfluorooctanoic acid (PFOA)	ND		1.02	2.04	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:21	AM
Perfluorooctanesulfonic acid (PFOS)	ND		0.777	1.90	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:21	AM
Perfluorononanoic acid (PFNA)	ND		1.01	2.04	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:21	AM
Perfluorodecanoic acid (PFDA)	ND		0.583	2.04	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:21	AM
Perfluoroundecanoic acid (PFUnA)	ND		0.726	2.04	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:21	AM
Perfluorododecanoic acid (PFDoA)	ND		0.613	2.04	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:21	AM
Perfluorotridecanoic acid (PFTrDA)	ND		1.23	2.04	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:21	AM
Perfluorotetradecanoic acid (PFTA)	ND		1.62	2.04	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:21	AM
N-MeFOSAA	ND		0.511	2.04	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:21	AM
N-EtFOSAA	ND		5.11	5.11	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:21	AM
Perfluoropentanoic acid (PFPeA)	ND		0.910	4.09	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:21	AM
Perfluoro-1-octanesulfonamide (FOSA)	ND		0.378	2.04	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:21	AM
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		0.317	1.95	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:21	AM
Perfluoro-1-decanesulfonic acid (PFDS)	ND		0.634	1.97	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:21	AM
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		5.11	7.77	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:21	AM
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		2.30	7.85	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:21	AM
Perfluoro-n-butanoic acid (PFBA)	ND		1.67	8.18	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:21	AM
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		0.511	3.64	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:21	AM
Perfluoro-3,6-dioxahexanoic acid (NFDHA)	ND		3.07	4.09	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:21	AM
Perfluoro-4-oxapentanoic acid (PFMPA)	ND		0.716	4.09	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:21	AM
Perfluoro-5-oxahexanoic acid (PFMBA)	ND		1.43	4.09	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:21	AM
Perfluoro-1-pentanesulfonate (PFPeS)	ND		0.767	1.92	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:21	AM
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		2.88	7.67	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:21	AM
HFPO-DA (Gen-X)	ND		5.11	8.18	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:21	AM
11CL-PF3OUdS	ND		2.28	7.73	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:21	AM
9CL-PF3ONS	ND		2.81	7.65	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:21	AM
ADONA	ND		3.04	7.73	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:21	AM
Perfluorododecanesulfonic acid (PFDoS)	ND		0.910	1.98	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:21	AM



Client: Terracon Consultants, Inc.

Client Project: J2257015 Task 7

Client Sample ID: TS OF-7 GAC3

York Sample ID: 25J1750-03

Date Received: 10/29/2025

Collection Date/Time: 10/29/25 10:21

Lab ID: 25J1750-03	Laboratory: York Analytical Laboratories, Inc. - Queens
Analysis: PFAS Target compounds by LC/MS-MS	Matrix: Other
Prep Method: Sample Prepared by Method: EPA 1633 Prep	Sample Notes:

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
Perfluoro-1-nonanesulfonic acid (PFNS)	ND		0.767	1.96	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:21	AM
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		2.41	10.2	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:21	AM
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		25.6	51.1	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:21	AM
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		23.6	51.1	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:21	AM
N-MeFOSE	ND		7.26	20.4	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:21	AM
N-MeFOSA	ND		2.04	2.04	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:21	AM
N-EtFOSE	ND		7.44	20.4	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:21	AM
N-EtFOSA	ND		1.07	2.04	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:21	AM

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: M3PFBS	91.2 %		40-135	EPA 1633A	11/ 2/25 20:21
Surrogate: M5PFHxA	92.7 %		40-130	EPA 1633A	11/ 2/25 20:21
Surrogate: M4PFHpA	100 %		40-130	EPA 1633A	11/ 2/25 20:21
Surrogate: M3PFHxS	92.4 %		40-130	EPA 1633A	11/ 2/25 20:21
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	85.7 %		40-130	EPA 1633A	11/ 2/25 20:21
Surrogate: M6PFDA	81.5 %		40-130	EPA 1633A	11/ 2/25 20:21
Surrogate: M7PFUdA	77.4 %		30-130	EPA 1633A	11/ 2/25 20:21
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	67.8 %		10-130	EPA 1633A	11/ 2/25 20:21
Surrogate: M2PFTeDA	58.9 %		10-130	EPA 1633A	11/ 2/25 20:21
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	33.9 %		5-130	EPA 1633A	11/ 2/25 20:21
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	92.0 %		40-130	EPA 1633A	11/ 2/25 20:21
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	87.0 %		40-130	EPA 1633A	11/ 2/25 20:21
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	93.9 %		40-130	EPA 1633A	11/ 2/25 20:21
Surrogate: d3-N-MeFOSAA	76.0 %		40-170	EPA 1633A	11/ 2/25 20:21
Surrogate: d5-N-EtFOSAA	73.9 %		25-135	EPA 1633A	11/ 2/25 20:21
Surrogate: M2-6:2 FTS	104 %		40-200	EPA 1633A	11/ 2/25 20:21
Surrogate: M2-8:2 FTS	92.1 %		40-300	EPA 1633A	11/ 2/25 20:21
Surrogate: M9PFNA	89.3 %		40-130	EPA 1633A	11/ 2/25 20:21
Surrogate: M2-4:2 FTS	96.2 %		40-200	EPA 1633A	11/ 2/25 20:21
Surrogate: d-N-MeFOSA	64.8 %		10-130	EPA 1633A	11/ 2/25 20:21
Surrogate: d-N-EtFOSA	61.6 %		10-130	EPA 1633A	11/ 2/25 20:21
Surrogate: M3HFPO-DA	94.4 %		40-130	EPA 1633A	11/ 2/25 20:21
Surrogate: d9-N-EtFOSE	64.1 %		10-130	EPA 1633A	11/ 2/25 20:21
Surrogate: d7-N-MeFOSE	65.5 %		10-130	EPA 1633A	11/ 2/25 20:21



Client: Terracon Consultants, Inc.

York Sample ID: 25J1750-04

Client Project: J2257015 Task 7

Date Received: 10/29/2025

Client Sample ID: TS OF-7 EFF

Collection Date/Time: 10/29/25 10:32

Lab ID: 25J1750-04	Laboratory: York Analytical Laboratories, Inc. - Queens
Analysis: PFAS Target compounds by LC/MS-MS	Matrix: Other
Prep Method: Sample Prepared by Method: EPA 1633 Prep	Sample Notes:

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
Perfluorobutanesulfonic acid (PFBS)	ND		1.62	1.80	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:36	AM
Perfluorohexanoic acid (PFHxA)	ND		0.507	2.03	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:36	AM
Perfluoroheptanoic acid (PFHpA)	ND		0.710	2.03	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:36	AM
Perfluorohexanesulfonic acid (PFHxS)	ND		0.903	1.86	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:36	AM
Perfluorooctanoic acid (PFOA)	ND		1.01	2.03	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:36	AM
Perfluorooctanesulfonic acid (PFOS)	ND		0.771	1.89	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:36	AM
Perfluorononanoic acid (PFNA)	ND		1.00	2.03	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:36	AM
Perfluorodecanoic acid (PFDA)	ND		0.578	2.03	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:36	AM
Perfluoroundecanoic acid (PFUnA)	ND		0.720	2.03	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:36	AM
Perfluorododecanoic acid (PFDoA)	ND		0.609	2.03	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:36	AM
Perfluorotridecanoic acid (PFTrDA)	ND		1.22	2.03	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:36	AM
Perfluorotetradecanoic acid (PFTA)	ND		1.60	2.03	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:36	AM
N-MeFOSAA	ND		0.507	2.03	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:36	AM
N-EtFOSAA	ND		5.07	5.07	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:36	AM
Perfluoropentanoic acid (PFPeA)	ND		0.903	4.06	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:36	AM
Perfluoro-1-octanesulfonamide (FOSA)	ND		0.375	2.03	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:36	AM
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		0.314	1.94	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:36	AM
Perfluoro-1-decanesulfonic acid (PFDS)	ND		0.629	1.96	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:36	AM
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		5.07	7.71	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:36	AM
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		2.28	7.79	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:36	AM
Perfluoro-n-butanoic acid (PFBA)	ND		1.65	8.11	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:36	AM
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		0.507	3.61	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:36	AM
Perfluoro-3,6-dioxahexanoic acid (NFDHA)	ND		3.04	4.06	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:36	AM
Perfluoro-4-oxapentanoic acid (PFMPA)	ND		0.710	4.06	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:36	AM
Perfluoro-5-oxahexanoic acid (PFMBA)	ND		1.42	4.06	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:36	AM
Perfluoro-1-pentanesulfonate (PFPeS)	ND		0.761	1.91	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:36	AM
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		2.86	7.61	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:36	AM
HFPO-DA (Gen-X)	ND		5.07	8.11	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:36	AM
11CL-PF3OUdS	ND		2.26	7.67	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:36	AM
9CL-PF3ONS	ND		2.79	7.59	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:36	AM
ADONA	ND		3.01	7.67	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:36	AM
Perfluorododecanesulfonic acid (PFDoS)	ND		0.903	1.97	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:36	AM



Client: Terracon Consultants, Inc.

York Sample ID: 25J1750-04

Client Project: J2257015 Task 7

Date Received: 10/29/2025

Client Sample ID: TS OF-7 EFF

Collection Date/Time: 10/29/25 10:32

Lab ID:	25J1750-04	Laboratory:	York Analytical Laboratories, Inc. - Queens
Analysis:	PFAS Target compounds by LC/MS-MS	Matrix:	Other
Prep Method:	Sample Prepared by Method: EPA 1633 Prep		
Sample Notes:			

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
Perfluoro-1-nonanesulfonic acid (PFNS)	ND		0.761	1.95	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:36	AM
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		2.39	10.1	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:36	AM
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		25.4	50.7	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:36	AM
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		23.4	50.7	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:36	AM
N-MeFOSE	ND		7.20	20.3	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:36	AM
N-MeFOSA	ND		2.03	2.03	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:36	AM
N-EtFOSE	ND		7.38	20.3	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:36	AM
N-EtFOSA	ND		1.06	2.03	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:36	AM

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: M3PFBS	101 %		40-135	EPA 1633A	11/ 2/25 20:36
Surrogate: M5PFHxA	89.4 %		40-130	EPA 1633A	11/ 2/25 20:36
Surrogate: M4PFHpA	97.1 %		40-130	EPA 1633A	11/ 2/25 20:36
Surrogate: M3PFHxS	93.2 %		40-130	EPA 1633A	11/ 2/25 20:36
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	87.2 %		40-130	EPA 1633A	11/ 2/25 20:36
Surrogate: M6PFDA	79.3 %		40-130	EPA 1633A	11/ 2/25 20:36
Surrogate: M7PFUdA	73.4 %		30-130	EPA 1633A	11/ 2/25 20:36
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	62.4 %		10-130	EPA 1633A	11/ 2/25 20:36
Surrogate: M2PFTeDA	54.8 %		10-130	EPA 1633A	11/ 2/25 20:36
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	59.1 %		5-130	EPA 1633A	11/ 2/25 20:36
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	88.5 %		40-130	EPA 1633A	11/ 2/25 20:36
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	89.0 %		40-130	EPA 1633A	11/ 2/25 20:36
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	96.9 %		40-130	EPA 1633A	11/ 2/25 20:36
Surrogate: d3-N-MeFOSAA	74.3 %		40-170	EPA 1633A	11/ 2/25 20:36
Surrogate: d5-N-EtFOSAA	73.5 %		25-135	EPA 1633A	11/ 2/25 20:36
Surrogate: M2-6:2 FTS	101 %		40-200	EPA 1633A	11/ 2/25 20:36
Surrogate: M2-8:2 FTS	91.1 %		40-300	EPA 1633A	11/ 2/25 20:36
Surrogate: M9PFNA	86.9 %		40-130	EPA 1633A	11/ 2/25 20:36
Surrogate: M2-4:2 FTS	108 %		40-200	EPA 1633A	11/ 2/25 20:36
Surrogate: d-N-MeFOSA	71.2 %		10-130	EPA 1633A	11/ 2/25 20:36
Surrogate: d-N-EtFOSA	70.4 %		10-130	EPA 1633A	11/ 2/25 20:36
Surrogate: M3HFPO-DA	86.3 %		40-130	EPA 1633A	11/ 2/25 20:36
Surrogate: d9-N-EtFOSE	65.1 %		10-130	EPA 1633A	11/ 2/25 20:36
Surrogate: d7-N-MeFOSE	65.4 %		10-130	EPA 1633A	11/ 2/25 20:36



Client: Terracon Consultants, Inc.

York Sample ID: 25J1750-05

Client Project: J2257015 Task 7

Date Received: 10/29/2025

Client Sample ID: TRIP BLANK

Collection Date/Time: 10/29/25 10:32

Lab ID: 25J1750-05	Laboratory: York Analytical Laboratories, Inc. - Queens
Analysis: PFAS Target compounds by LC/MS-MS	Matrix: Water
Prep Method: Sample Prepared by Method: EPA 1633 Prep	Sample Notes:

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
Perfluorobutanesulfonic acid (PFBS)	ND		1.69	1.88	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:50	AM
Perfluorohexanoic acid (PFHxA)	ND		0.530	2.12	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:50	AM
Perfluoroheptanoic acid (PFHpA)	ND		0.742	2.12	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:50	AM
Perfluorohexanesulfonic acid (PFHxS)	ND		0.943	1.94	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:50	AM
Perfluorooctanoic acid (PFOA)	ND		1.06	2.12	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:50	AM
Perfluorooctanesulfonic acid (PFOS)	ND		0.805	1.97	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:50	AM
Perfluorononanoic acid (PFNA)	ND		1.05	2.12	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:50	AM
Perfluorodecanoic acid (PFDA)	ND		0.604	2.12	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:50	AM
Perfluoroundecanoic acid (PFUnA)	ND		0.752	2.12	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:50	AM
Perfluorododecanoic acid (PFDoA)	ND		0.636	2.12	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:50	AM
Perfluorotridecanoic acid (PFTrDA)	ND		1.27	2.12	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:50	AM
Perfluorotetradecanoic acid (PFTA)	ND		1.67	2.12	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:50	AM
N-MeFOSAA	ND		0.530	2.12	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:50	AM
N-EtFOSAA	ND		5.30	5.30	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:50	AM
Perfluoropentanoic acid (PFPeA)	ND		0.943	4.24	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:50	AM
Perfluoro-1-octanesulfonamide (FOSA)	ND		0.392	2.12	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:50	AM
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		0.328	2.02	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:50	AM
Perfluoro-1-decanesulfonic acid (PFDS)	ND		0.657	2.04	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:50	AM
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		5.30	8.05	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:50	AM
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		2.38	8.14	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:50	AM
Perfluoro-n-butanoic acid (PFBA)	ND		1.73	8.47	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:50	AM
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		0.530	3.77	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:50	AM
Perfluoro-3,6-dioxahexanoic acid (NFDHA)	ND		3.18	4.24	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:50	AM
Perfluoro-4-oxapentanoic acid (PFMPA)	ND		0.742	4.24	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:50	AM
Perfluoro-5-oxahexanoic acid (PFMBA)	ND		1.48	4.24	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:50	AM
Perfluoro-1-pentanesulfonate (PFPeS)	ND		0.794	1.99	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:50	AM
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		2.99	7.94	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:50	AM
HFPO-DA (Gen-X)	ND		5.30	8.47	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:50	AM
11CL-PF3OUdS	ND		2.36	8.01	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:50	AM
9CL-PF3ONS	ND		2.91	7.92	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:50	AM
ADONA	ND		3.15	8.01	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:50	AM
Perfluorododecanesulfonic acid (PFDoS)	ND		0.943	2.06	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:50	AM



Client: Terracon Consultants, Inc.

York Sample ID: 25J1750-05

Client Project: J2257015 Task 7

Date Received: 10/29/2025

Client Sample ID: TRIP BLANK

Collection Date/Time: 10/29/25 10:32

Lab ID: 25J1750-05	Laboratory: York Analytical Laboratories, Inc. - Queens
Analysis: PFAS Target compounds by LC/MS-MS	Matrix: Water
Prep Method: Sample Prepared by Method: EPA 1633 Prep	Sample Notes:

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
Perfluoro-1-nonanesulfonic acid (PFNS)	ND		0.794	2.03	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:50	AM
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		2.50	10.6	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:50	AM
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		26.5	53.0	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:50	AM
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		24.4	53.0	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:50	AM
N-MeFOSE	ND		7.52	21.2	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:50	AM
N-MeFOSA	ND		2.12	2.12	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:50	AM
N-EtFOSE	ND		7.71	21.2	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:50	AM
N-EtFOSA	ND		1.11	2.12	1	ng/L	EPA 1633A	10/30/25 12:16	11/ 2/25 20:50	AM

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: M3PFBS	101 %		40-135	EPA 1633A	11/ 2/25 20:50
Surrogate: M5PFHxA	93.7 %		40-130	EPA 1633A	11/ 2/25 20:50
Surrogate: M4PFHpA	99.3 %		40-130	EPA 1633A	11/ 2/25 20:50
Surrogate: M3PFHxS	102 %		40-130	EPA 1633A	11/ 2/25 20:50
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	99.6 %		40-130	EPA 1633A	11/ 2/25 20:50
Surrogate: M6PFDA	88.3 %		40-130	EPA 1633A	11/ 2/25 20:50
Surrogate: M7PFUdA	84.1 %		30-130	EPA 1633A	11/ 2/25 20:50
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	75.4 %		10-130	EPA 1633A	11/ 2/25 20:50
Surrogate: M2PFTeDA	66.5 %		10-130	EPA 1633A	11/ 2/25 20:50
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	95.3 %		5-130	EPA 1633A	11/ 2/25 20:50
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	93.2 %		40-130	EPA 1633A	11/ 2/25 20:50
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	94.0 %		40-130	EPA 1633A	11/ 2/25 20:50
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	104 %		40-130	EPA 1633A	11/ 2/25 20:50
Surrogate: d3-N-MeFOSAA	79.7 %		40-170	EPA 1633A	11/ 2/25 20:50
Surrogate: d5-N-EtFOSAA	83.9 %		25-135	EPA 1633A	11/ 2/25 20:50
Surrogate: M2-6:2 FTS	107 %		40-200	EPA 1633A	11/ 2/25 20:50
Surrogate: M2-8:2 FTS	96.1 %		40-300	EPA 1633A	11/ 2/25 20:50
Surrogate: M9PFNA	102 %		40-130	EPA 1633A	11/ 2/25 20:50
Surrogate: M2-4:2 FTS	112 %		40-200	EPA 1633A	11/ 2/25 20:50
Surrogate: d-N-MeFOSA	90.9 %		10-130	EPA 1633A	11/ 2/25 20:50
Surrogate: d-N-EtFOSA	88.7 %		10-130	EPA 1633A	11/ 2/25 20:50
Surrogate: M3HFPO-DA	99.3 %		40-130	EPA 1633A	11/ 2/25 20:50
Surrogate: d9-N-EtFOSE	83.3 %		10-130	EPA 1633A	11/ 2/25 20:50
Surrogate: d7-N-MeFOSE	82.6 %		10-130	EPA 1633A	11/ 2/25 20:50



Certified Analyses included in this Report

Analyte	CAS #	Certifications
<i>EPA 1633A in Water</i>		
11CL-PF3OUdS	763051-92-9	NYSDOH-NY12058
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	39108-34-4	NYSDOH-NY12058
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	757124-72-4	NYSDOH-NY12058
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	27619-97-2	NYSDOH-NY12058
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	812-70-4	NYSDOH-NY12058
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	914637-49-3	NYSDOH-NY12058
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	356-02-5	NYSDOH-NY12058
9CL-PF3ONS	756426-58-1	NYSDOH-NY12058
ADONA	919005-14-4	NYSDOH-NY12058
HFPO-DA (Gen-X)	13252-13-6	NYSDOH-NY12058
N-EtFOSA	4151-50-2	NYSDOH-NY12058
N-EtFOSAA	2991-50-6	NYSDOH-NY12058
N-EtFOSE	1691-99-2	NYSDOH-NY12058
N-MeFOSA	31506-32-8	NYSDOH-NY12058
N-MeFOSAA	2355-31-9	NYSDOH-NY12058
N-MeFOSE	24448-09-7	NYSDOH-NY12058
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	113507-82-7	NYSDOH-NY12058
Perfluoro-1-decanesulfonic acid (PFDS)	335-77-3	NYSDOH-NY12058
Perfluoro-1-heptanesulfonic acid (PFHpS)	375-92-8	NYSDOH-NY12058
Perfluoro-1-nonanesulfonic acid (PFNS)	68259-12-1	NYSDOH-NY12058
Perfluoro-1-octanesulfonamide (FOSA)	754-91-6	NYSDOH-NY12058
Perfluoro-1-pentanesulfonate (PFPeS)	2706-91-4	NYSDOH-NY12058
Perfluoro-3,6-dioxahexanoic acid (NFDHA)	151772-58-6	NYSDOH-NY12058
Perfluoro-4-oxapentanoic acid (PFMPA)	377-73-1	NYSDOH-NY12058
Perfluoro-5-oxahexanoic acid (PFMBA)	863090-89-5	NYSDOH-NY12058
Perfluorobutanesulfonic acid (PFBS)	375-73-5	NYSDOH-NY12058
Perfluorodecanoic acid (PFDA)	335-76-2	NYSDOH-NY12058
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5	NYSDOH-NY12058
Perfluorododecanoic acid (PFDoA)	307-55-1	NYSDOH-NY12058
Perfluoroheptanoic acid (PFHpA)	375-85-9	NYSDOH-NY12058
Perfluorohexanesulfonic acid (PFHxS)	355-46-4	NYSDOH-NY12058
Perfluorohexanoic acid (PFHxA)	307-24-4	NYSDOH-NY12058
Perfluoro-n-butanoic acid (PFBA)	375-22-4	NYSDOH-NY12058
Perfluorononanoic acid (PFNA)	375-95-1	NYSDOH-NY12058
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	NYSDOH-NY12058
Perfluorooctanoic acid (PFOA)	335-67-1	NYSDOH-NY12058
Perfluoropentanoic acid (PFPeA)	2706-90-3	NYSDOH-NY12058
Perfluorotetradecanoic acid (PFTA)	376-06-7	NYSDOH-NY12058
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	NYSDOH-NY12058
Perfluoroundecanoic acid (PFUnA)	2058-94-8	NYSDOH-NY12058



List of Certifications

Code	Description	Number	Expires
NYSDOH-NY12058	NYSDOH NELAC/ELAP Program - Queens	NY ELAP-12058	04/01/2026



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.

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.

Appendix F

Runway Widening Analytical Sample Results



Technical Report

prepared for:

Terracon Consultants, Inc.
2410 Walden Avenue, Suite 100
Buffalo NY, 14225
Attention: Kris Charney

Report Date: 11/10/2025
Client Project ID: HPN Runway Env Management (JA257006)
York Project (SDG) No.: 25J1560

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: 11/10/2025
Client Project ID: HPN Runway Env Management (JA257006)
York Project (SDG) No.: 25J1560

Terracon Consultants, Inc.
2410 Walden Avenue, Suite 100
Buffalo NY, 14225
Attention: Kris Charney

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 October 24, 2025 and listed below. The project was identified as your project: **HPN Runway Env Management (JA257006)**.

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>
25J1560-01	SB-6 0-2	Soil	10/24/2025	10/24/2025
25J1560-02	SB-6 2-12	Soil	10/24/2025	10/24/2025
25J1560-03	SB-6 12-24	Soil	10/24/2025	10/24/2025
25J1560-04	DUPE PFAS	Soil	10/24/2025	10/24/2025
25J1560-05	SB-6 COMP	Soil	10/24/2025	10/24/2025
25J1560-06	SB-7 0-2	Soil	10/24/2025	10/24/2025
25J1560-07	SB-7 2-12	Soil	10/24/2025	10/24/2025
25J1560-08	SB-7 12-24	Soil	10/24/2025	10/24/2025
25J1560-09	SB-7 COMP	Soil	10/24/2025	10/24/2025
25J1560-10	DUPE COMP	Soil	10/24/2025	10/24/2025
25J1560-11	SB-14 0-2	Soil	10/24/2025	10/24/2025
25J1560-12	SB-14 2-12	Soil	10/24/2025	10/24/2025
25J1560-13	SB-14 12-24	Soil	10/24/2025	10/24/2025
25J1560-14	SB-14 Comp	Soil	10/23/2025	10/24/2025
25J1560-15	SB-12 0-2	Soil	10/24/2025	10/24/2025
25J1560-16	SB-12 2-12	Soil	10/24/2025	10/24/2025
25J1560-17	SB-12 12-24	Soil	10/24/2025	10/24/2025
25J1560-18	SB-12 COMP	Soil	10/24/2025	10/24/2025
25J1560-20	RINSATE (PFAS)	Water	10/24/2025	10/24/2025
25J1560-21	RINSATE COMP	Water	10/23/2025	10/24/2025
25J1560-24	SB-8 0-2	Soil	10/24/2025	10/24/2025
25J1560-25	SB-8 2-12	Soil	10/24/2025	10/24/2025

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
25J1560-26	SB-8 12-24	Soil	10/24/2025	10/24/2025
25J1560-27	SB-9 0-2	Soil	10/24/2025	10/24/2025
25J1560-28	SB-9 2-12	Soil	10/24/2025	10/24/2025
25J1560-29	SB-9 12-24	Soil	10/24/2025	10/24/2025
25J1560-30	SB-10 0-2	Soil	10/24/2025	10/24/2025
25J1560-31	SB-10 2-12	Soil	10/24/2025	10/24/2025
25J1560-32	SB-10 12-24	Soil	10/24/2025	10/24/2025
25J1560-33	SB-11 0-2	Soil	10/24/2025	10/24/2025
25J1560-34	SB-11 2-12	Soil	10/24/2025	10/24/2025
25J1560-35	SB-11 12-24	Soil	10/24/2025	10/24/2025
25J1560-36	SB-13 0-2	Soil	10/24/2025	10/24/2025
25J1560-37	SB-13 2-12	Soil	10/24/2025	10/24/2025
25J1560-38	SB-13 12-24	Soil	10/24/2025	10/24/2025
25J1560-39	TB	Water	10/23/2025	10/24/2025

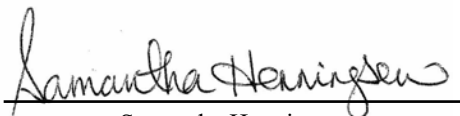
General Notes for York Project (SDG) No.: 25J1560

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 - Stratford



Samantha Henningsen
Laboratory Director - Queens

Date: 11/10/2025



Sample Information

Client Sample ID: SB-6 0-2

York Sample ID: 25J1560-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25J1560

HPN Runway Env Management (JA257006)

Soil

October 24, 2025 12:40 am

10/24/2025

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	0.505	0.518	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 07:21	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	0.0907	0.229	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 07:21	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0648	0.259	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 07:21	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.143	0.259	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 07:21	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0907	0.237	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 07:21	AM
335-67-1	Perfluorooctanoic acid (PFOA)	0.133	J	ug/kg dry	0.0907	0.259	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 07:21	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	1.48		ug/kg dry	0.0907	0.241	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 07:21	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.181	0.259	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 07:21	AM
335-76-2	Perfluorodecanoic acid (PFDA)	0.173	J	ug/kg dry	0.104	0.259	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 07:21	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	0.319		ug/kg dry	0.143	0.259	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 07:21	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	0.150	J	ug/kg dry	0.104	0.259	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 07:21	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	0.155	J	ug/kg dry	0.143	0.259	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 07:21	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.168	0.259	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 07:21	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.104	0.259	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 07:21	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.648	0.648	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 07:21	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.104	0.518	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 07:21	AM
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0389	0.259	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 07:21	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0907	0.259	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 07:21	AM
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0777	0.250	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 07:21	AM



Sample Information

Client Sample ID: SB-6 0-2

York Sample ID: 25J1560-01

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 12:40 am

Date Received

10/24/2025

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
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.233	0.985	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 07:21	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.207	0.995	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 07:21	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.207	1.04	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 07:21	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEA)	ND		ug/kg dry	0.0777	0.461	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 07:21	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0518	0.518	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 07:21	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.155	0.518	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 07:21	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.0907	0.244	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 07:21	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.285	0.972	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 07:21	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ug/kg dry	0.298	1.04	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 07:21	AM
763051-92-9	11CL-PF3OUdS	ND		ug/kg dry	0.285	0.979	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 07:21	AM
756426-58-1	9CL-PF3ONS	ND		ug/kg dry	0.350	0.969	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 07:21	AM
919005-14-4	ADONA	ND		ug/kg dry	0.337	0.979	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 07:21	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.194	0.251	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 07:21	AM
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.181	0.249	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 07:21	AM
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.415	1.30	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 07:21	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	0.946	6.48	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 07:21	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.22	6.48	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 07:21	AM
24448-09-7	N-MeFOSE	ND		ug/kg dry	0.946	2.59	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 07:21	AM
31506-32-8	N-MeFOSA	ND		ug/kg dry	0.168	0.259	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 07:21	AM
1691-99-2	N-EtFOSE	ND		ug/kg dry	0.596	2.59	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 07:21	AM
4151-50-2	N-EtFOSA	ND		ug/kg dry	0.117	0.259	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 07:21	AM

Surrogate Recoveries

Result

Acceptance Range



Sample Information

Client Sample ID: SB-6 0-2

York Sample ID: 25J1560-01

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 12:40 am

Date Received

10/24/2025

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
M3PFBS	Surrogate: M3PFBS	92.1 %			40-135						
338-30-1	Surrogate: M5PFHxA	83.9 %			40-130						
13C4PFHPA	Surrogate: M4PFHPA	84.3 %			40-130						
13C3PFHXS	Surrogate: M3PFHXS	90.8 %			40-130						
13C8PFOA	Surrogate: Perfluoro-n- [13C8]octanoic acid (M8PFOA)	82.0 %			40-130						
13C6PFDA	Surrogate: M6PFDA	91.3 %			40-130						
13C7PFUNA	Surrogate: M7PFUDA	84.7 %			40-130						
960315-52-0	Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)	77.3 %			40-130						
13C2PFTEDA	Surrogate: M2PFTEDA	55.5 %			20-130						
13C4PFBA	Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	83.8 %			8-130						
13C8PFOS	Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	95.0 %			40-130						
13C5PFPEA	Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	79.4 %			35-130						
13C8FOSA	Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	88.6 %			40-130						
D3-NMEFOSAA	Surrogate: d3-N-MeFOSAA	105 %			40-135						
D5-NETFOSAA	Surrogate: d5-N-EtFOSAA	106 %			40-150						
M2-6:2FTS	Surrogate: M2-6:2 FTS	119 %			40-215						
M2-8:2FTS	Surrogate: M2-8:2 FTS	136 %			40-275						
13C9PFNA	Surrogate: M9PFNA	84.6 %			40-130						
M2-4:2FTS	Surrogate: M2-4:2 FTS	112 %			40-165						
936109-37-4	Surrogate: d-N-MeFOSA	54.5 %			10-130						
936109-40-9	Surrogate: d-N-EtFOSA	50.5 %			10-130						
M3HFPO-DA	Surrogate: M3HFPO-DA	87.0 %			40-130						
D9-NETPFOSAI	Surrogate: d9-N-EtFOSE	56.9 %			15-130						
D7-NMEPFOSA	Surrogate: d7-N-MeFOSE	58.0 %			20-130						



Sample Information

Client Sample ID: SB-6 0-2

York Sample ID: 25J1560-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25J1560

HPN Runway Env Management (JA257006)

Soil

October 24, 2025 12:40 am

10/24/2025

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	76.9		%	0.100	1	SM 2540G Certifications: CTDPH-PH-0840	10/27/2025 16:54	10/27/2025 17:04	DD2

Sample Information

Client Sample ID: SB-6 2-12

York Sample ID: 25J1560-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25J1560

HPN Runway Env Management (JA257006)

Soil

October 24, 2025 12:40 am

10/24/2025

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	0.483	0.495	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 07:35	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	0.0866	0.219	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 07:35	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0619	0.247	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 07:35	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.136	0.247	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 07:35	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0866	0.226	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 07:35	AM
335-67-1	Perfluorooctanoic acid (PFOA)	0.190	J	ug/kg dry	0.0866	0.247	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 07:35	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	1.24		ug/kg dry	0.0866	0.230	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 07:35	AM
375-95-1	Perfluorononanoic acid (PFNA)	0.185	J	ug/kg dry	0.173	0.247	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 07:35	AM
335-76-2	Perfluorodecanoic acid (PFDA)	0.132	J	ug/kg dry	0.0990	0.247	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 07:35	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	0.277		ug/kg dry	0.136	0.247	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 07:35	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	0.109	J	ug/kg dry	0.0990	0.247	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 07:35	AM



Sample Information

Client Sample ID: SB-6 2-12

York Sample ID: 25J1560-02

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 12:40 am

Date Received

10/24/2025

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
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.136	0.247	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 07:35	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.161	0.247	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 07:35	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.0990	0.247	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 07:35	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.619	0.619	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 07:35	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.0990	0.495	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 07:35	AM
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0371	0.247	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 07:35	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0866	0.247	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 07:35	AM
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0742	0.239	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 07:35	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.223	0.940	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 07:35	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.198	0.950	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 07:35	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.198	0.990	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 07:35	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND		ug/kg dry	0.0742	0.441	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 07:35	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0495	0.495	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 07:35	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.148	0.495	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 07:35	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.0866	0.233	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 07:35	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.272	0.928	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 07:35	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ug/kg dry	0.285	0.990	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 07:35	AM
763051-92-9	11CL-PF3OUdS	ND		ug/kg dry	0.272	0.936	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 07:35	AM
756426-58-1	9CL-PF3ONS	ND		ug/kg dry	0.334	0.926	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 07:35	AM
919005-14-4	ADONA	ND		ug/kg dry	0.322	0.936	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 07:35	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.186	0.240	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 07:35	AM
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.173	0.238	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 07:35	AM



Sample Information

Client Sample ID: SB-6 2-12

York Sample ID: 25J1560-02

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 12:40 am

Date Received

10/24/2025

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
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.396	1.24	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 07:35	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	0.903	6.19	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 07:35	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.16	6.19	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 07:35	AM
24448-09-7	N-MeFOSE	ND		ug/kg dry	0.903	2.47	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 07:35	AM
31506-32-8	N-MeFOSA	ND		ug/kg dry	0.161	0.247	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 07:35	AM
1691-99-2	N-EtFOSE	ND		ug/kg dry	0.569	2.47	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 07:35	AM
4151-50-2	N-EtFOSA	ND		ug/kg dry	0.111	0.247	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 07:35	AM
Surrogate Recoveries		Result	Acceptance Range								
M3PFBS	Surrogate: M3PFBS	106 %	40-135								
338-30-1	Surrogate: M5PFHxA	91.1 %	40-130								
13C4PFHPA	Surrogate: M4PFHpA	97.4 %	40-130								
13C3PFHXS	Surrogate: M3PFHxS	108 %	40-130								
13C8PFOA	Surrogate: Perfluoro-n- [13C8]octanoic acid (M8PFOA)	88.6 %	40-130								
13C6PFDA	Surrogate: M6PFDA	93.1 %	40-130								
13C7PFUNA	Surrogate: M7PFUdA	89.4 %	40-130								
960315-52-0	Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)	84.9 %	40-130								
13C2PFTEDA	Surrogate: M2PFTeDA	70.2 %	20-130								
13C4PFBA	Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	87.4 %	8-130								
13C8PFOS	Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	95.1 %	40-130								
13C5PFPEA	Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	90.3 %	35-130								
13C8FOSA	Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	89.7 %	40-130								
D3-NMEFOSAA	Surrogate: d3-N-MeFOSAA	94.3 %	40-135								
D5-NETFOSAA	Surrogate: d5-N-EtFOSAA	97.2 %	40-150								
M2-6:2FTS	Surrogate: M2-6:2 FTS	119 %	40-215								
M2-8:2FTS	Surrogate: M2-8:2 FTS	146 %	40-275								
13C9PFNA	Surrogate: M9PFNA	97.0 %	40-130								
M2-4:2FTS	Surrogate: M2-4:2 FTS	121 %	40-165								
936109-37-4	Surrogate: d-N-MeFOSA	70.8 %	10-130								
936109-40-9	Surrogate: d-N-EtFOSA	63.7 %	10-130								



Sample Information

Client Sample ID: SB-6 2-12

York Sample ID: 25J1560-02

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 12:40 am

Date Received

10/24/2025

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
M3HFPO-DA	Surrogate: M3HFPO-DA	96.9 %			40-130						
D9-NETPFOSA	Surrogate: d9-N-EtFOSE	61.9 %			15-130						
D7-NMEPFOSA	Surrogate: d7-N-MeFOSE	63.9 %			20-130						

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	80.5		%	0.100	1	SM 2540G Certifications: CTDPH-PH-0840	10/27/2025 16:54	10/27/2025 17:04	DD2

Sample Information

Client Sample ID: SB-6 12-24

York Sample ID: 25J1560-03

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 12:40 am

Date Received

10/24/2025

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	0.442	0.453	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 22:37	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	0.0793	0.201	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 22:37	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0567	0.227	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 22:37	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.125	0.227	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 22:37	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0793	0.207	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 22:37	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.0793	0.227	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 22:37	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.0793	0.211	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 22:37	AM



Sample Information

Client Sample ID: SB-6 12-24

York Sample ID: 25J1560-03

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 12:40 am

Date Received

10/24/2025

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		ug/kg dry	0.159	0.227	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 22:37	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.0907	0.227	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 22:37	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.125	0.227	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 22:37	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0907	0.227	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 22:37	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.125	0.227	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 22:37	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.147	0.227	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 22:37	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.0907	0.227	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 22:37	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.567	0.567	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 22:37	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.0907	0.453	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 22:37	AM
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0340	0.227	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 22:37	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0793	0.227	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 22:37	AM
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0680	0.219	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 22:37	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.204	0.861	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 22:37	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.181	0.870	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 22:37	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.181	0.907	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 22:37	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND		ug/kg dry	0.0680	0.403	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 22:37	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0453	0.453	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 22:37	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.136	0.453	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 22:37	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.0793	0.213	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 22:37	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.249	0.850	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 22:37	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ug/kg dry	0.261	0.907	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 22:37	AM
763051-92-9	11CL-PF3OUdS	ND		ug/kg dry	0.249	0.857	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 22:37	AM



Sample Information

Client Sample ID: SB-6 12-24

York Sample ID: 25J1560-03

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 12:40 am

Date Received

10/24/2025

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		ug/kg dry	0.306	0.848	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 22:37	AM
919005-14-4	ADONA	ND		ug/kg dry	0.295	0.857	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 22:37	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.170	0.220	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 22:37	AM
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.159	0.218	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 22:37	AM
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.363	1.13	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 22:37	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	0.827	5.67	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 22:37	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.07	5.67	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 22:37	AM
24448-09-7	N-MeFOSE	ND		ug/kg dry	0.827	2.27	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 22:37	AM
31506-32-8	N-MeFOSA	ND		ug/kg dry	0.147	0.227	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 22:37	AM
1691-99-2	N-EtFOSE	ND		ug/kg dry	0.521	2.27	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 22:37	AM
4151-50-2	N-EtFOSA	ND		ug/kg dry	0.102	0.227	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 22:37	AM
Surrogate Recoveries		Result	Acceptance Range								
M3PFBS	Surrogate: M3PFBS	102 %	40-135								
338-30-1	Surrogate: M5PFHxA	92.1 %	40-130								
13C4PFHPA	Surrogate: M4PFHpA	83.9 %	40-130								
13C3PFHXS	Surrogate: M3PFHxS	94.5 %	40-130								
13C8PFOA	Surrogate: Perfluoro-n- [13C8]octanoic acid (M8PFOA)	83.1 %	40-130								
13C6PFDA	Surrogate: M6PFDA	83.1 %	40-130								
13C7PFUNA	Surrogate: M7PFUdA	75.9 %	40-130								
960315-52-0	Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)	66.5 %	40-130								
13C2PFTEDA	Surrogate: M2PFTeDA	61.6 %	20-130								
13C4PFBA	Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	98.7 %	8-130								
13C8PFOS	Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	89.6 %	40-130								
13C5PFPEA	Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	92.4 %	35-130								
13C8FOSA	Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	110 %	40-130								
D3-NMEFOSAA	Surrogate: d3-N-MeFOSAA	80.0 %	40-135								



Sample Information

Client Sample ID: SB-6 12-24

York Sample ID: 25J1560-03

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 12:40 am

Date Received

10/24/2025

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
D5-NETFOSAA	Surrogate: d5-N-EtFOSAA	77.7 %			40-150						
M2-6:2FTS	Surrogate: M2-6:2 FTS	121 %			40-215						
M2-8:2FTS	Surrogate: M2-8:2 FTS	111 %			40-275						
13C9PFNA	Surrogate: M9PFNA	100 %			40-130						
M2-4:2FTS	Surrogate: M2-4:2 FTS	109 %			40-165						
936109-37-4	Surrogate: d-N-MeFOSA	72.9 %			10-130						
936109-40-9	Surrogate: d-N-EtFOSA	70.8 %			10-130						
M3HFPO-DA	Surrogate: M3HFPO-DA	112 %			40-130						
D9-NETPFOSA	Surrogate: d9-N-EtFOSE	82.1 %			15-130						
D7-NMEPFOSA	Surrogate: d7-N-MeFOSE	94.0 %			20-130						

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	88.2		%	0.100	1	SM 2540G Certifications: CTDPH-PH-0840	10/27/2025 16:54	10/27/2025 17:04	DD2

Sample Information

Client Sample ID: DUPE PFAS

York Sample ID: 25J1560-04

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 12:00 am

Date Received

10/24/2025

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	0.440	0.451	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 22:52	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	0.0789	0.200	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 22:52	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0564	0.226	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 22:52	AM



Sample Information

Client Sample ID: DUPE PFAS

York Sample ID: 25J1560-04

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 12:00 am

Date Received

10/24/2025

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
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.124	0.226	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 22:52	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0789	0.206	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 22:52	AM
335-67-1	Perfluorooctanoic acid (PFOA)	0.134	J	ug/kg dry	0.0789	0.226	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 22:52	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	0.652		ug/kg dry	0.0789	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 22:52	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.158	0.226	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 22:52	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.0902	0.226	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 22:52	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.124	0.226	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 22:52	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0902	0.226	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 22:52	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.124	0.226	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 22:52	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.147	0.226	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 22:52	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.0902	0.226	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 22:52	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.564	0.564	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 22:52	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.0902	0.451	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 22:52	AM
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0338	0.226	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 22:52	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0789	0.226	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 22:52	AM
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0677	0.218	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 22:52	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.203	0.857	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 22:52	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.180	0.866	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 22:52	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.180	0.902	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 22:52	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND		ug/kg dry	0.0677	0.401	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 22:52	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0451	0.451	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 22:52	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.135	0.451	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 22:52	AM



Sample Information

Client Sample ID: DUPE PFAS

York Sample ID: 25J1560-04

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 12:00 am

Date Received

10/24/2025

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
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.0789	0.212	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 22:52	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.248	0.846	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 22:52	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ug/kg dry	0.259	0.902	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 22:52	AM
763051-92-9	11CL-PF3OUdS	ND		ug/kg dry	0.248	0.853	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 22:52	AM
756426-58-1	9CL-PF3ONS	ND		ug/kg dry	0.305	0.844	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 22:52	AM
919005-14-4	ADONA	ND		ug/kg dry	0.293	0.853	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 22:52	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.169	0.219	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 22:52	AM
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.158	0.217	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 22:52	AM
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.361	1.13	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 22:52	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	0.823	5.64	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 22:52	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.06	5.64	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 22:52	AM
24448-09-7	N-MeFOSE	ND		ug/kg dry	0.823	2.26	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 22:52	AM
31506-32-8	N-MeFOSA	ND		ug/kg dry	0.147	0.226	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 22:52	AM
1691-99-2	N-EtFOSE	ND		ug/kg dry	0.519	2.26	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 22:52	AM
4151-50-2	N-EtFOSA	ND		ug/kg dry	0.102	0.226	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 22:52	AM
Surrogate Recoveries		Result	Acceptance Range								
M3PFBS	Surrogate: M3PFBS	99.1 %	40-135								
338-30-1	Surrogate: M5PFHxA	94.7 %	40-130								
13C4PFHPA	Surrogate: M4PFHpA	76.6 %	40-130								
13C3PFHXS	Surrogate: M3PFHxS	99.4 %	40-130								
13C8PFOA	Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	82.5 %	40-130								
13C6PFDA	Surrogate: M6PFDA	105 %	40-130								
13C7PFUNA	Surrogate: M7PFUdA	94.3 %	40-130								
960315-52-0	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	86.8 %	40-130								
13C2PFTEDA	Surrogate: M2PFTeDA	69.7 %	20-130								



Sample Information

Client Sample ID: DUPE PFAS

York Sample ID: 25J1560-04

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 12:00 am

Date Received

10/24/2025

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
13C4PFBA	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	97.8 %			8-130						
13C8PFOS	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	99.4 %			40-130						
13C5PFPEA	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	93.4 %			35-130						
13C8FOSA	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	103 %			40-130						
D3-NMEFOSAA	Surrogate: d3-N-MeFOSAA	95.9 %			40-135						
D5-NETFOSAA	Surrogate: d5-N-EtFOSAA	96.1 %			40-150						
M2-6:2FTS	Surrogate: M2-6:2 FTS	111 %			40-215						
M2-8:2FTS	Surrogate: M2-8:2 FTS	126 %			40-275						
13C9PFNA	Surrogate: M9PFNA	105 %			40-130						
M2-4:2FTS	Surrogate: M2-4:2 FTS	115 %			40-165						
936109-37-4	Surrogate: d-N-MeFOSA	64.2 %			10-130						
936109-40-9	Surrogate: d-N-EtFOSA	58.1 %			10-130						
M3HFPO-DA	Surrogate: M3HFPO-DA	105 %			40-130						
D9-NETPFOSA	Surrogate: d9-N-EtFOSE	73.1 %			15-130						
D7-NMEPFOSA	Surrogate: d7-N-MeFOSE	81.8 %			20-130						

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	88.7		%	0.100	1	SM 2540G Certifications: CTDPH-PH-0840	10/27/2025 17:41	10/28/2025 12:28	AC

Sample Information

Client Sample ID: SB-6 COMP

York Sample ID: 25J1560-05

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 12:50 am

Date Received

10/24/2025

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	0.0455	0.0907	2	EPA 8270E Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 18:33	SS



Sample Information

Client Sample ID: SB-6 COMP

York Sample ID: 25J1560-05

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 12:50 am

Date Received

10/24/2025

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
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0907	0.181	2	EPA 8270E Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 18:33	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 18:33	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 18:33	SS
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 18:33	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 18:33	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 18:33	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0907	0.181	2	EPA 8270E Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 18:33	SS
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 18:33	SS
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 18:33	SS
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 18:33	SS
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 18:33	SS
51-28-5	2,4-Dinitrophenol	ND	CAL-E, CCVE	mg/kg dry	0.0907	0.181	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 18:33	SS
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 18:33	SS
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 18:33	SS
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 18:33	SS
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 18:33	SS
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 18:33	SS
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 18:33	SS
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0907	0.181	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 18:33	SS
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 18:33	SS
65794-96-9	* 3- & 4-Methylphenols	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications: CTDPH-PH-0840	10/27/2025 09:19	10/29/2025 18:33	SS
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 18:33	SS
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0907	0.181	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 18:33	SS



Sample Information

Client Sample ID: SB-6 COMP

York Sample ID: 25J1560-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25J1560

HPN Runway Env Management (JA257006)

Soil

October 24, 2025 12:50 am

10/24/2025

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
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0907	0.181	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 18:33	SS
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 18:33	SS
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 18:33	SS
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 18:33	SS
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 18:33	SS
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0907	0.181	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 18:33	SS
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0907	0.181	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 18:33	SS
83-32-9	Acenaphthene	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 18:33	SS
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 18:33	SS
98-86-2	Acetophenone	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 18:33	SS
62-53-3	Aniline	ND		mg/kg dry	0.182	0.363	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 18:33	SS
120-12-7	Anthracene	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 18:33	SS
1912-24-9	Atrazine	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 18:33	SS
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 18:33	SS
92-87-5	Benzidine	ND	CAL-E	mg/kg dry	0.182	0.363	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 18:33	SS
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 18:33	SS
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 18:33	SS
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 18:33	SS
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 18:33	SS
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 18:33	SS
65-85-0	Benzoic acid	ND	CAL-E, CCVE	mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 18:33	SS
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 18:33	SS
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 18:33	SS



Sample Information

Client Sample ID: SB-6 COMP

York Sample ID: 25J1560-05

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 12:50 am

Date Received

10/24/2025

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
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications:	10/27/2025 09:19 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/29/2025 18:33	SS
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications:	10/27/2025 09:19 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/29/2025 18:33	SS
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications:	10/27/2025 09:19 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/29/2025 18:33	SS
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications:	10/27/2025 09:19 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/29/2025 18:33	SS
105-60-2	Caprolactam	ND		mg/kg dry	0.0907	0.181	2	EPA 8270E Certifications:	10/27/2025 09:19 NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/29/2025 18:33	SS
86-74-8	Carbazole	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications:	10/27/2025 09:19 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/29/2025 18:33	SS
218-01-9	Chrysene	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications:	10/27/2025 09:19 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/29/2025 18:33	SS
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications:	10/27/2025 09:19 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/29/2025 18:33	SS
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications:	10/27/2025 09:19 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/29/2025 18:33	SS
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications:	10/27/2025 09:19 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/29/2025 18:33	SS
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications:	10/27/2025 09:19 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/29/2025 18:33	SS
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications:	10/27/2025 09:19 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/29/2025 18:33	SS
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications:	10/27/2025 09:19 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/29/2025 18:33	SS
122-39-4	Diphenylamine	ND		mg/kg dry	0.0907	0.181	2	EPA 8270E Certifications:	10/27/2025 09:19 PADEP-68-04440,NYSDOH-NY10854	10/29/2025 18:33	SS
206-44-0	Fluoranthene	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications:	10/27/2025 09:19 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/29/2025 18:33	SS
86-73-7	Fluorene	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications:	10/27/2025 09:19 NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/29/2025 18:33	SS
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications:	10/27/2025 09:19 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/29/2025 18:33	SS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications:	10/27/2025 09:19 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/29/2025 18:33	SS
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications:	10/27/2025 09:19 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/29/2025 18:33	SS
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications:	10/27/2025 09:19 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/29/2025 18:33	SS
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications:	10/27/2025 09:19 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/29/2025 18:33	SS
78-59-1	Isophorone	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications:	10/27/2025 09:19 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/29/2025 18:33	SS
91-20-3	Naphthalene	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications:	10/27/2025 09:19 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/29/2025 18:33	SS



Sample Information

Client Sample ID: SB-6 COMP

York Sample ID: 25J1560-05

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 12:50 am

Date Received

10/24/2025

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	0.0455	0.0907	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 18:33	SS
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 18:33	SS
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 18:33	SS
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 18:33	SS
87-86-5	Pentachlorophenol	ND	CAL-E, CCVE	mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 18:33	SS
85-01-8	Phenanthrene	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 18:33	SS
108-95-2	Phenol	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 18:33	SS
129-00-0	Pyrene	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 18:33	SS
Surrogate Recoveries		Result		Acceptance Range							
367-12-4	Surrogate: SURR: 2-Fluorophenol	35.9 %									
13127-88-3	Surrogate: SURR: Phenol-d6	29.1 %									
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	18.2 %	S-08								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	23.8 %									
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	21.6 %									
1718-51-0	Surrogate: SURR: Terphenyl-d14	25.2 %									

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.4	1	EPA 8270D SIM Certifications: NYSDOH-NY10854	10/27/2025 12:43	11/03/2025 17:23	SS
Surrogate Recoveries		Result		Acceptance Range						
17647-74-4	Surrogate: 1,4-Dioxane-d8	64.0 %								

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 08:46	10/27/2025 19:36	GXB
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 08:46	10/27/2025 19:36	GXB



Sample Information

Client Sample ID: SB-6 COMP

York Sample ID: 25J1560-05

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 12:50 am

Date Received

10/24/2025

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 08:46	10/27/2025 19:36	GXB
309-00-2	Aldrin	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 08:46	10/27/2025 19:36	GXB
319-84-6	alpha-BHC	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 08:46	10/27/2025 19:36	GXB
319-85-7	beta-BHC	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 08:46	10/27/2025 19:36	GXB
319-86-8	delta-BHC	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 08:46	10/27/2025 19:36	GXB
60-57-1	Dieldrin	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 08:46	10/27/2025 19:36	GXB
959-98-8	Endosulfan I	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 08:46	10/27/2025 19:36	GXB
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854	10/27/2025 08:46	10/27/2025 19:36	GXB
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 08:46	10/27/2025 19:36	GXB
72-20-8	Endrin	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 08:46	10/27/2025 19:36	GXB
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 08:46	10/27/2025 19:36	GXB
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 08:46	10/27/2025 19:36	GXB
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 08:46	10/27/2025 19:36	GXB
76-44-8	Heptachlor	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 08:46	10/27/2025 19:36	GXB
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 08:46	10/27/2025 19:36	GXB
72-43-5	Methoxychlor	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 08:46	10/27/2025 19:36	GXB
8001-35-2	Toxaphene	ND		mg/kg dry	0.180	5	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 08:46	10/27/2025 19:36	GXB
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0360	5	EPA 8081B Certifications:	10/27/2025 08:46	10/27/2025 19:36	GXB
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	47.2 %								
877-09-8	Surrogate: Tetrachloro-m-xylene	28.5 %	S-08, S-GC							

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

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



Sample Information

Client Sample ID: SB-6 COMP

York Sample ID: 25J1560-05

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 12:50 am

Date Received

10/24/2025

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications: NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0	10/27/2025 08:43	10/27/2025 20:27	NF
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications: NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0	10/27/2025 08:43	10/27/2025 20:27	NF
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications: NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0	10/27/2025 08:43	10/27/2025 20:27	NF
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications: NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0	10/27/2025 08:43	10/27/2025 20:27	NF
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications: NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0	10/27/2025 08:43	10/27/2025 20:27	NF
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications: NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0	10/27/2025 08:43	10/27/2025 20:27	NF
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications: NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0	10/27/2025 08:43	10/27/2025 20:27	NF
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications:	10/27/2025 08:43	10/27/2025 20:27	NF
Surrogate Recoveries		Result	Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	33.5 %	30-120							
2051-24-3	Surrogate: Decachlorobiphenyl	45.0 %	30-120							

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/kg dry	21.8	1	EPA 8151A Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 08:37	10/28/2025 14:33	gxb
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	21.8	1	EPA 8151A Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 08:37	10/28/2025 14:33	gxb
94-75-7	2,4-D	ND		ug/kg dry	21.8	1	EPA 8151A Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 08:37	10/28/2025 14:33	gxb
Surrogate Recoveries		Result	Acceptance Range							
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	81.0 %	21-150							

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	40900		mg/kg dry	4.56	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 14:38	10/28/2025 11:42	AGNR
7440-36-0	Antimony	ND		mg/kg dry	2.28	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 14:38	10/28/2025 11:42	AGNR



Sample Information

Client Sample ID: SB-6 COMP

York Sample ID: 25J1560-05

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 12:50 am

Date Received

10/24/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/kg dry	1.37	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 14:38	10/28/2025 11:42	AGNR
7440-39-3	Barium	417		mg/kg dry	2.28	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 14:38	10/28/2025 11:42	AGNR
7440-41-7	Beryllium	0.066		mg/kg dry	0.046	1	EPA 6010D Certifications: NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440	10/27/2025 14:38	10/28/2025 11:42	AGNR
7440-43-9	Cadmium	0.420		mg/kg dry	0.274	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 14:38	10/28/2025 11:42	AGNR
7440-70-2	Calcium	5280		mg/kg dry	4.56	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 14:38	10/28/2025 11:42	AGNR
7440-47-3	Chromium	41.1		mg/kg dry	0.457	1	EPA 6010D Certifications: NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440	10/27/2025 14:38	10/28/2025 11:42	AGNR
7440-48-4	Cobalt	28.0		mg/kg dry	0.365	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 14:38	10/28/2025 11:42	AGNR
7440-50-8	Copper	150		mg/kg dry	1.83	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 14:38	10/28/2025 11:42	AGNR
7439-89-6	Iron	50700		mg/kg dry	22.8	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 14:38	10/28/2025 11:42	AGNR
7439-92-1	Lead	5.29		mg/kg dry	0.457	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 14:38	10/28/2025 11:42	AGNR
7439-95-4	Magnesium	29400		mg/kg dry	4.57	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 14:38	10/28/2025 11:42	AGNR
7439-96-5	Manganese	524		mg/kg dry	0.457	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 14:38	10/28/2025 11:42	AGNR
7440-02-0	Nickel	37.1		mg/kg dry	0.909	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 14:38	10/28/2025 11:42	AGNR
7440-09-7	Potassium	18700		mg/kg dry	4.57	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 14:38	10/28/2025 11:42	AGNR
7782-49-2	Selenium	ND		mg/kg dry	2.28	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 14:38	10/28/2025 11:42	AGNR
7440-22-4	Silver	ND		mg/kg dry	0.460	1	EPA 6010D Certifications: NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440	10/27/2025 14:38	10/28/2025 11:42	AGNR
7440-23-5	Sodium	540		mg/kg dry	45.6	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 14:38	10/28/2025 11:42	AGNR
7440-28-0	Thallium	ND		mg/kg dry	1.83	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 14:38	10/28/2025 11:42	AGNR
7440-62-2	Vanadium	114		mg/kg dry	0.909	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 14:38	10/28/2025 11:42	AGNR
7440-66-6	Zinc	100		mg/kg dry	2.27	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 14:38	10/28/2025 11:42	AGNR

Mercury by 7473

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: SB-6 COMP

York Sample ID: 25J1560-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25J1560

HPN Runway Env Management (JA257006)

Soil

October 24, 2025 12:50 am

10/24/2025

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	0.0329	1	EPA 7473 Certifications: NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440,CTDPH-PH-4	10/28/2025 08:44	10/28/2025 16:14	LCB

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	91.3		%	0.100	1	SM 2540G Certifications: CTDPH-PH-0840	10/27/2025 08:32	10/27/2025 12:45	CD

Analyzed by: Phoenix Environmental Labs, Inc.

SW8260D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SW8260D

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		mg/Kg	0.022	1	SW8260D Certifications: NY-11301	10/24/2025 00:50	10/28/2025 02:53	CT007
71-55-6	1,1,1-Trichloroethane	ND		mg/Kg	0.0056	1	SW8260D Certifications: NY-11301	10/24/2025 00:50	10/28/2025 02:53	CT007
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/Kg	0.0056	1	SW8260D Certifications: NY-11301	10/24/2025 00:50	10/28/2025 02:53	CT007
79-00-5	1,1,2-Trichloroethane	ND		mg/Kg	0.0056	1	SW8260D Certifications: NY-11301	10/24/2025 00:50	10/28/2025 02:53	CT007
75-34-3	1,1-Dichloroethane	ND		mg/Kg	0.0056	1	SW8260D Certifications: NY-11301	10/24/2025 00:50	10/28/2025 02:53	CT007
75-35-4	1,1-Dichloroethene	ND		mg/Kg	0.0056	1	SW8260D Certifications: NY-11301	10/24/2025 00:50	10/28/2025 02:53	CT007
87-61-6	1,2,3-Trichlorobenzene	ND		mg/Kg	0.0056	1	SW8260D Certifications: NY-11301	10/24/2025 00:50	10/28/2025 02:53	CT007
96-18-4	1,2,3-Trichloropropane	ND		mg/Kg	0.0056	1	SW8260D Certifications: NY-11301	10/24/2025 00:50	10/28/2025 02:53	CT007
120-82-1	1,2,4-Trichlorobenzene	ND		mg/Kg	0.0056	1	SW8260D Certifications: NY-11301	10/24/2025 00:50	10/28/2025 02:53	CT007
95-63-6	1,2,4-Trimethylbenzene	ND		mg/Kg	0.0056	1	SW8260D Certifications: NY-11301	10/24/2025 00:50	10/28/2025 02:53	CT007
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/Kg	0.0056	1	SW8260D Certifications: NY-11301	10/24/2025 00:50	10/28/2025 02:53	CT007
106-93-4	1,2-Dibromoethane	ND		mg/Kg	0.0056	1	SW8260D Certifications: NY-11301	10/24/2025 00:50	10/28/2025 02:53	CT007
95-50-1	1,2-Dichlorobenzene	ND		mg/Kg	0.0056	1	SW8260D Certifications: NY-11301	10/24/2025 00:50	10/28/2025 02:53	CT007
107-06-2	1,2-Dichloroethane	ND		mg/Kg	0.0056	1	SW8260D Certifications: NY-11301	10/24/2025 00:50	10/28/2025 02:53	CT007



Sample Information

Client Sample ID: SB-6 COMP

York Sample ID: 25J1560-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25J1560

HPN Runway Env Management (JA257006)

Soil

October 24, 2025 12:50 am

10/24/2025

Analyzed by: Phoenix Environmental Labs, Inc.

SW8260D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-87-5	1,2-Dichloropropane	ND		mg/Kg	0.0056	1	SW8260D Certifications: NY-11301	10/24/2025 00:50	10/28/2025 02:53	CT007
108-67-8	1,3,5-Trimethylbenzene	ND		mg/Kg	0.0056	1	SW8260D Certifications: NY-11301	10/24/2025 00:50	10/28/2025 02:53	CT007
541-73-1	1,3-Dichlorobenzene	ND		mg/Kg	0.0056	1	SW8260D Certifications: NY-11301	10/24/2025 00:50	10/28/2025 02:53	CT007
106-46-7	1,4-Dichlorobenzene	ND		mg/Kg	0.0056	1	SW8260D Certifications: NY-11301	10/24/2025 00:50	10/28/2025 02:53	CT007
591-78-6	2-Hexanone	ND		mg/Kg	0.028	1	SW8260D Certifications: NY-11301	10/24/2025 00:50	10/28/2025 02:53	CT007
108-10-1	4-Methyl-2-pentanone	ND		mg/Kg	0.028	1	SW8260D Certifications: NY-11301	10/24/2025 00:50	10/28/2025 02:53	CT007
67-64-1	Acetone	ND		mg/Kg	0.05	1	SW8260D Certifications: NY-11301	10/24/2025 00:50	10/28/2025 02:53	CT007
107-02-8	Acrolein	ND		mg/Kg	0.0056	1	SW8260D Certifications: NY-11301	10/24/2025 00:50	10/28/2025 02:53	CT007
107-13-1	Acrylonitrile	ND		mg/Kg	0.022	1	SW8260D Certifications: NY-11301	10/24/2025 00:50	10/28/2025 02:53	CT007
71-43-2	Benzene	ND		mg/Kg	0.0056	1	SW8260D Certifications: NY-11301	10/24/2025 00:50	10/28/2025 02:53	CT007
74-97-5	Bromochloromethane	ND		mg/Kg	0.0056	1	SW8260D Certifications: NY-11301	10/24/2025 00:50	10/28/2025 02:53	CT007
75-27-4	Bromodichloromethane	ND		mg/Kg	0.0056	1	SW8260D Certifications: NY-11301	10/24/2025 00:50	10/28/2025 02:53	CT007
75-25-2	Bromoform	ND		mg/Kg	0.0056	1	SW8260D Certifications: NY-11301	10/24/2025 00:50	10/28/2025 02:53	CT007
74-83-9	Bromomethane	ND		mg/Kg	0.0056	1	SW8260D Certifications: NY-11301	10/24/2025 00:50	10/28/2025 02:53	CT007
75-15-0	Carbon Disulfide	ND		mg/Kg	0.0056	1	SW8260D Certifications: NY-11301	10/24/2025 00:50	10/28/2025 02:53	CT007
56-23-5	Carbon tetrachloride	ND		mg/Kg	0.0056	1	SW8260D Certifications: NY-11301	10/24/2025 00:50	10/28/2025 02:53	CT007
108-90-7	Chlorobenzene	ND		mg/Kg	0.0056	1	SW8260D Certifications: NY-11301	10/24/2025 00:50	10/28/2025 02:53	CT007
75-00-3	Chloroethane	ND		mg/Kg	0.0056	1	SW8260D Certifications: NY-11301	10/24/2025 00:50	10/28/2025 02:53	CT007
67-66-3	Chloroform	ND		mg/Kg	0.0056	1	SW8260D Certifications: NY-11301	10/24/2025 00:50	10/28/2025 02:53	CT007
74-87-3	Chloromethane	ND		mg/Kg	0.0056	1	SW8260D Certifications: NY-11301	10/24/2025 00:50	10/28/2025 02:53	CT007
156-59-2	cis-1,2-Dichloroethene	ND		mg/Kg	0.0056	1	SW8260D Certifications: NY-11301	10/24/2025 00:50	10/28/2025 02:53	CT007
10061-01-5	cis-1,3-Dichloropropene	ND		mg/Kg	0.0056	1	SW8260D Certifications: NY-11301	10/24/2025 00:50	10/28/2025 02:53	CT007
110-82-7	Cyclohexane	ND		mg/Kg	0.0056	1	SW8260D Certifications: NY-11301	10/24/2025 00:50	10/28/2025 02:53	CT007



Sample Information

Client Sample ID: SB-6 COMP

York Sample ID: 25J1560-05

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 12:50 am

Date Received

10/24/2025

Analyzed by: Phoenix Environmental Labs, Inc.

SW8260D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		mg/Kg	0.0056	1	SW8260D Certifications: NY-11301	10/24/2025 00:50	10/28/2025 02:53	CT007
74-95-3	Dibromomethane	ND		mg/Kg	0.0056	1	SW8260D Certifications: NY-11301	10/24/2025 00:50	10/28/2025 02:53	CT007
75-71-8	Dichlorodifluoromethane	ND		mg/Kg	0.0056	1	SW8260D Certifications: NY-11301	10/24/2025 00:50	10/28/2025 02:53	CT007
100-41-4	Ethylbenzene	ND		mg/Kg	0.0056	1	SW8260D Certifications: NY-11301	10/24/2025 00:50	10/28/2025 02:53	CT007
87-68-3	Hexachlorobutadiene	ND		mg/Kg	0.0056	1	SW8260D Certifications: NY-11301	10/24/2025 00:50	10/28/2025 02:53	CT007
98-82-8	Isopropylbenzene	ND		mg/Kg	0.0056	1	SW8260D Certifications: NY-11301	10/24/2025 00:50	10/28/2025 02:53	CT007
179601-23-1	m&p-Xylene	ND		mg/Kg	0.0056	1	SW8260D Certifications: NY-11301	10/24/2025 00:50	10/28/2025 02:53	CT007
78-93-3	Methyl ethyl ketone	ND		mg/Kg	0.034	1	SW8260D Certifications: NY-11301	10/24/2025 00:50	10/28/2025 02:53	CT007
1634-04-4	Methyl t-butyl ether (MTBE)	ND		mg/Kg	0.011	1	SW8260D Certifications: NY-11301	10/24/2025 00:50	10/28/2025 02:53	CT007
79-20-9	Methylacetate	ND		mg/Kg	0.056	1	SW8260D Certifications: NY-11301	10/24/2025 00:50	10/28/2025 02:53	CT007
108-87-2	Methylcyclohexane	ND		mg/Kg	0.0056	1	SW8260D Certifications: NY-11301	10/24/2025 00:50	10/28/2025 02:53	CT007
75-09-2	Methylene chloride	ND		mg/Kg	0.028	1	SW8260D Certifications: NY-11301	10/24/2025 00:50	10/28/2025 02:53	CT007
104-51-8	n-Butylbenzene	ND		mg/Kg	0.0056	1	SW8260D Certifications: NY-11301	10/24/2025 00:50	10/28/2025 02:53	CT007
103-65-1	n-Propylbenzene	ND		mg/Kg	0.0056	1	SW8260D Certifications: NY-11301	10/24/2025 00:50	10/28/2025 02:53	CT007
95-47-6	o-Xylene	ND		mg/Kg	0.0056	1	SW8260D Certifications: NY-11301	10/24/2025 00:50	10/28/2025 02:53	CT007
99-87-6	p-Isopropyltoluene	ND		mg/Kg	0.0056	1	SW8260D Certifications: NY-11301	10/24/2025 00:50	10/28/2025 02:53	CT007
135-98-8	sec-Butylbenzene	ND		mg/Kg	0.0056	1	SW8260D Certifications: NY-11301	10/24/2025 00:50	10/28/2025 02:53	CT007
100-42-5	Styrene	ND		mg/Kg	0.0056	1	SW8260D Certifications: NY-11301	10/24/2025 00:50	10/28/2025 02:53	CT007
75-65-0	Tert-butyl alcohol	ND		mg/Kg	0.11	1	SW8260D Certifications: NY-11301	10/24/2025 00:50	10/28/2025 02:53	CT007
98-06-6	tert-Butylbenzene	ND		mg/Kg	0.0056	1	SW8260D Certifications: NY-11301	10/24/2025 00:50	10/28/2025 02:53	CT007
127-18-4	Tetrachloroethene	ND		mg/Kg	0.0056	1	SW8260D Certifications: NY-11301	10/24/2025 00:50	10/28/2025 02:53	CT007
108-88-3	Toluene	ND		mg/Kg	0.0056	1	SW8260D Certifications: NY-11301	10/24/2025 00:50	10/28/2025 02:53	CT007
1330-20-7	Total Xylenes	ND		mg/Kg	0.0056	1	SW8260D Certifications: NY-11301	10/24/2025 00:50	10/28/2025 02:53	CT007



Sample Information

Client Sample ID: SB-6 COMP

York Sample ID: 25J1560-05

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 12:50 am

Date Received

10/24/2025

Analyzed by: Phoenix Environmental Labs, Inc.

SW8260D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SW8260D

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-Dichloroethene	ND		mg/Kg	0.0056	1	SW8260D Certifications: NY-11301	10/24/2025 00:50	10/28/2025 02:53	CT007
10061-02-6	trans-1,3-Dichloropropene	ND		mg/Kg	0.0056	1	SW8260D Certifications: NY-11301	10/24/2025 00:50	10/28/2025 02:53	CT007
110-57-6	trans-1,4-dichloro-2-butene	ND		mg/Kg	0.011	1	SW8260D Certifications: NY-11301	10/24/2025 00:50	10/28/2025 02:53	CT007
79-01-6	Trichloroethene	ND		mg/Kg	0.0056	1	SW8260D Certifications: NY-11301	10/24/2025 00:50	10/28/2025 02:53	CT007
75-69-4	Trichlorofluoromethane	ND		mg/Kg	0.0056	1	SW8260D Certifications: NY-11301	10/24/2025 00:50	10/28/2025 02:53	CT007
76-13-1	Trichlorotrifluoroethane	ND		mg/Kg	0.0056	1	SW8260D Certifications: NY-11301	10/24/2025 00:50	10/28/2025 02:53	CT007
75-01-4	Vinyl chloride	ND		mg/Kg	0.0056	1	SW8260D Certifications: NY-11301	10/24/2025 00:50	10/28/2025 02:53	CT007
Surrogate Recoveries		Result		Acceptance Range						
2199-69-1	Surrogate: % 1,2-dichlorobenzene-d4	99 %		70-130						
460-00-4	Surrogate: % Bromofluorobenzene	93 %		70-130						
1868-53-7	Surrogate: % Dibromofluoromethane	90 %		70-130						
2037-26-5	Surrogate: % Toluene-d8	101 %		70-130						

SW846-%Solid

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SW846-%Solid

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
PHNX - PCTSOI	Percent Solid	91		%		1	SW846-%Solid Certifications: NY-11301	10/24/2025 00:50	10/27/2025 23:30	CT007

Sample Information

Client Sample ID: SB-7 0-2

York Sample ID: 25J1560-06

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 1:15 am

Date Received

10/24/2025

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



Sample Information

Client Sample ID: SB-7 0-2

York Sample ID: 25J1560-06

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 1:15 am

Date Received

10/24/2025

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	0.500	0.512	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:06	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	0.0897	0.227	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:06	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0641	0.256	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:06	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.141	0.256	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:06	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0897	0.234	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:06	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.0897	0.256	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:06	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	0.996		ug/kg dry	0.0897	0.238	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:06	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.179	0.256	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:06	AM
335-76-2	Perfluorodecanoic acid (PFDA)	0.135	J	ug/kg dry	0.102	0.256	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:06	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	0.492		ug/kg dry	0.141	0.256	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:06	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	0.195	J	ug/kg dry	0.102	0.256	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:06	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	0.260		ug/kg dry	0.141	0.256	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:06	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.167	0.256	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:06	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.102	0.256	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:06	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.641	0.641	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:06	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.102	0.512	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:06	AM
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0384	0.256	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:06	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0897	0.256	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:06	AM
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0769	0.247	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:06	AM



Sample Information

Client Sample ID: SB-7 0-2

York Sample ID: 25J1560-06

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 1:15 am

Date Received

10/24/2025

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
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.231	0.974	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:06	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.205	0.984	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:06	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.205	1.02	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:06	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND		ug/kg dry	0.0769	0.456	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:06	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0512	0.512	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:06	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.154	0.512	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:06	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.0897	0.241	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:06	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.282	0.961	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:06	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ug/kg dry	0.295	1.02	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:06	AM
763051-92-9	11CL-PF3OUdS	ND		ug/kg dry	0.282	0.968	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:06	AM
756426-58-1	9CL-PF3ONS	ND		ug/kg dry	0.346	0.958	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:06	AM
919005-14-4	ADONA	ND		ug/kg dry	0.333	0.968	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:06	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.192	0.249	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:06	AM
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.179	0.246	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:06	AM
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.410	1.28	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:06	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	0.935	6.41	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:06	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.20	6.41	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:06	AM
24448-09-7	N-MeFOSE	ND		ug/kg dry	0.935	2.56	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:06	AM
31506-32-8	N-MeFOSA	ND		ug/kg dry	0.167	0.256	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:06	AM
1691-99-2	N-EtFOSE	ND		ug/kg dry	0.589	2.56	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:06	AM
4151-50-2	N-EtFOSA	ND		ug/kg dry	0.115	0.256	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:06	AM

Surrogate Recoveries

Result

Acceptance Range



Sample Information

Client Sample ID: SB-7 0-2

York Sample ID: 25J1560-06

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 1:15 am

Date Received

10/24/2025

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
M3PFBS	Surrogate: M3PFBS	84.4 %			40-135						
338-30-1	Surrogate: M5PFHxA	79.9 %			40-130						
13C4PFHPA	Surrogate: M4PFHPA	75.2 %			40-130						
13C3PFHXS	Surrogate: M3PFHXS	87.7 %			40-130						
13C8PFOA	Surrogate: Perfluoro-n- [13C8]octanoic acid (M8PFOA)	81.0 %			40-130						
13C6PFDA	Surrogate: M6PFDA	78.3 %			40-130						
13C7PFUNA	Surrogate: M7PFUDA	76.4 %			40-130						
960315-52-0	Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)	70.3 %			40-130						
13C2PFTEDA	Surrogate: M2PFTEDA	70.9 %			20-130						
13C4PFBA	Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	85.9 %			8-130						
13C8PFOS	Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	89.0 %			40-130						
13C5PFPEA	Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	81.8 %			35-130						
13C8FOSA	Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	88.7 %			40-130						
D3-NMEFOSAA	Surrogate: d3-N-MeFOSAA	82.8 %			40-135						
D5-NETFOSAA	Surrogate: d5-N-EtFOSAA	88.3 %			40-150						
M2-6:2FTS	Surrogate: M2-6:2 FTS	128 %			40-215						
M2-8:2FTS	Surrogate: M2-8:2 FTS	129 %			40-275						
13C9PFNA	Surrogate: M9PFNA	81.0 %			40-130						
M2-4:2FTS	Surrogate: M2-4:2 FTS	108 %			40-165						
936109-37-4	Surrogate: d-N-MeFOSA	63.4 %			10-130						
936109-40-9	Surrogate: d-N-EtFOSA	67.3 %			10-130						
M3HFPO-DA	Surrogate: M3HFPO-DA	83.7 %			40-130						
D9-NETPFOSAI	Surrogate: d9-N-EtFOSE	70.6 %			15-130						
D7-NMEPFOSA	Surrogate: d7-N-MeFOSE	81.2 %			20-130						



Sample Information

Client Sample ID: SB-7 0-2

York Sample ID: 25J1560-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25J1560

HPN Runway Env Management (JA257006)

Soil

October 24, 2025 1:15 am

10/24/2025

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	78.1		%	0.100	1	SM 2540G Certifications: CTDPH-PH-0840	10/27/2025 16:54	10/27/2025 17:04	DD2

Sample Information

Client Sample ID: SB-7 2-12

York Sample ID: 25J1560-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25J1560

HPN Runway Env Management (JA257006)

Soil

October 24, 2025 1:15 am

10/24/2025

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	0.445	0.456	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:21	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	0.0799	0.202	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:21	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	0.165	J	ug/kg dry	0.0571	0.228	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:21	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	0.148	J	ug/kg dry	0.126	0.228	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:21	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0799	0.209	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:21	AM
335-67-1	Perfluorooctanoic acid (PFOA)	0.305		ug/kg dry	0.0799	0.228	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:21	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	0.673		ug/kg dry	0.0799	0.212	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:21	AM
375-95-1	Perfluorononanoic acid (PFNA)	0.224	J	ug/kg dry	0.160	0.228	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:21	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.0913	0.228	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:21	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	0.171	J	ug/kg dry	0.126	0.228	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:21	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0913	0.228	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:21	AM



Sample Information

Client Sample ID: SB-7 2-12

York Sample ID: 25J1560-07

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 1:15 am

Date Received

10/24/2025

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
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.126	0.228	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:21	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.148	0.228	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:21	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.0913	0.228	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:21	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.571	0.571	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:21	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	0.295	J	ug/kg dry	0.0913	0.456	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:21	AM
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0342	0.228	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:21	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0799	0.228	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:21	AM
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0685	0.220	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:21	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.205	0.867	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:21	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.183	0.876	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:21	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.183	0.913	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:21	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND		ug/kg dry	0.0685	0.406	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:21	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0456	0.456	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:21	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.137	0.456	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:21	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.0799	0.215	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:21	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.251	0.856	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:21	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ug/kg dry	0.262	0.913	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:21	AM
763051-92-9	11CL-PF3OUdS	ND		ug/kg dry	0.251	0.863	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:21	AM
756426-58-1	9CL-PF3ONS	ND		ug/kg dry	0.308	0.854	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:21	AM
919005-14-4	ADONA	ND		ug/kg dry	0.297	0.863	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:21	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.171	0.221	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:21	AM
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.160	0.219	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:21	AM



Sample Information

Client Sample ID: SB-7 2-12

York Sample ID: 25J1560-07

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 1:15 am

Date Received

10/24/2025

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
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.365	1.14	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:21	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	0.833	5.71	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:21	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.07	5.71	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:21	AM
24448-09-7	N-MeFOSE	ND		ug/kg dry	0.833	2.28	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:21	AM
31506-32-8	N-MeFOSA	ND		ug/kg dry	0.148	0.228	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:21	AM
1691-99-2	N-EtFOSE	ND		ug/kg dry	0.525	2.28	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:21	AM
4151-50-2	N-EtFOSA	ND		ug/kg dry	0.103	0.228	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:21	AM
Surrogate Recoveries		Result	Acceptance Range								
M3PFBS	Surrogate: M3PFBS	98.1 %	40-135								
338-30-1	Surrogate: M5PFHxA	89.5 %	40-130								
13C4PFHPA	Surrogate: M4PFHpA	82.5 %	40-130								
13C3PFHXS	Surrogate: M3PFHxS	99.2 %	40-130								
13C8PFOA	Surrogate: Perfluoro-n- [13C8]octanoic acid (M8PFOA)	83.1 %	40-130								
13C6PFDA	Surrogate: M6PFDA	91.0 %	40-130								
13C7PFUNA	Surrogate: M7PFUdA	80.0 %	40-130								
960315-52-0	Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)	75.3 %	40-130								
13C2PFTEDA	Surrogate: M2PFTeDA	71.5 %	20-130								
13C4PFBA	Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	92.8 %	8-130								
13C8PFOS	Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	95.4 %	40-130								
13C5PFPEA	Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	86.0 %	35-130								
13C8FOSA	Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	102 %	40-130								
D3-NMEFOSAA	Surrogate: d3-N-MeFOSAA	89.4 %	40-135								
D5-NETFOSAA	Surrogate: d5-N-EtFOSAA	90.2 %	40-150								
M2-6:2FTS	Surrogate: M2-6:2 FTS	110 %	40-215								
M2-8:2FTS	Surrogate: M2-8:2 FTS	119 %	40-275								
13C9PFNA	Surrogate: M9PFNA	92.6 %	40-130								
M2-4:2FTS	Surrogate: M2-4:2 FTS	112 %	40-165								
936109-37-4	Surrogate: d-N-MeFOSA	60.8 %	10-130								
936109-40-9	Surrogate: d-N-EtFOSA	69.4 %	10-130								



Sample Information

Client Sample ID: SB-7 2-12

York Sample ID: 25J1560-07

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 1:15 am

Date Received

10/24/2025

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
M3HFPO-DA	Surrogate: M3HFPO-DA	102 %			40-130						
D9-NETPFOSA	Surrogate: d9-N-EtFOSE	70.1 %			15-130						
D7-NMEPFOSA	Surrogate: d7-N-MeFOSE	77.2 %			20-130						

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	87.6		%	0.100	1	SM 2540G Certifications: CTDPH-PH-0840	10/27/2025 16:54	10/27/2025 17:04	DD2

Sample Information

Client Sample ID: SB-7 12-24

York Sample ID: 25J1560-08

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 1:15 am

Date Received

10/24/2025

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	0.450	0.461	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:35	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	0.0807	0.204	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:35	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	0.177	J	ug/kg dry	0.0576	0.231	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:35	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	0.184	J	ug/kg dry	0.127	0.231	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:35	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0807	0.211	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:35	AM
335-67-1	Perfluorooctanoic acid (PFOA)	0.368		ug/kg dry	0.0807	0.231	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:35	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	0.519		ug/kg dry	0.0807	0.214	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:35	AM



Sample Information

Client Sample ID: SB-7 12-24

York Sample ID: 25J1560-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25J1560

HPN Runway Env Management (JA257006)

Soil

October 24, 2025 1:15 am

10/24/2025

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)	0.247		ug/kg dry	0.161	0.231	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:35	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.0922	0.231	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:35	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.127	0.231	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:35	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0922	0.231	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:35	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.127	0.231	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:35	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.150	0.231	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:35	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.0922	0.231	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:35	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.576	0.576	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:35	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	0.493		ug/kg dry	0.0922	0.461	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:35	AM
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0346	0.231	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:35	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0807	0.231	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:35	AM
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0692	0.222	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:35	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.207	0.876	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:35	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.184	0.885	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:35	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.184	0.922	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:35	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND		ug/kg dry	0.0692	0.410	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:35	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0461	0.461	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:35	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.138	0.461	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:35	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.0807	0.217	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:35	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.254	0.864	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:35	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ug/kg dry	0.265	0.922	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:35	AM
763051-92-9	11CL-PF3OUdS	ND		ug/kg dry	0.254	0.871	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:35	AM



Sample Information

Client Sample ID: SB-7 12-24

York Sample ID: 25J1560-08

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 1:15 am

Date Received

10/24/2025

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		ug/kg dry	0.311	0.862	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:35	AM
919005-14-4	ADONA	ND		ug/kg dry	0.300	0.871	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:35	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.173	0.224	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:35	AM
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.161	0.221	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:35	AM
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.369	1.15	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:35	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	0.841	5.76	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:35	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.08	5.76	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:35	AM
24448-09-7	N-MeFOSE	ND		ug/kg dry	0.841	2.31	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:35	AM
31506-32-8	N-MeFOSA	ND		ug/kg dry	0.150	0.231	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:35	AM
1691-99-2	N-EtFOSE	ND		ug/kg dry	0.530	2.31	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:35	AM
4151-50-2	N-EtFOSA	ND		ug/kg dry	0.104	0.231	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:35	AM
Surrogate Recoveries		Result	Acceptance Range								
M3PFBS	Surrogate: M3PFBS	105 %	40-135								
338-30-1	Surrogate: M5PFHxA	89.4 %	40-130								
13C4PFHPA	Surrogate: M4PFHpA	80.4 %	40-130								
13C3PFHXS	Surrogate: M3PFHxS	98.6 %	40-130								
13C8PFOA	Surrogate: Perfluoro-n- [13C8]octanoic acid (M8PFOA)	82.1 %	40-130								
13C6PFDA	Surrogate: M6PFDA	85.4 %	40-130								
13C7PFUNA	Surrogate: M7PFUDa	77.1 %	40-130								
960315-52-0	Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)	58.7 %	40-130								
13C2PFTEDA	Surrogate: M2PFTeDA	50.9 %	20-130								
13C4PFBA	Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	92.3 %	8-130								
13C8PFOS	Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	99.0 %	40-130								
13C5PFPEA	Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	89.0 %	35-130								
13C8FOSA	Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	102 %	40-130								
D3-NMEFOSAA	Surrogate: d3-N-MeFOSAA	88.2 %	40-135								



Sample Information

Client Sample ID: SB-7 12-24

York Sample ID: 25J1560-08

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 1:15 am

Date Received

10/24/2025

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
D5-NETFOSAA	Surrogate: d5-N-EtFOSAA	77.0 %			40-150						
M2-6:2FTS	Surrogate: M2-6:2 FTS	110 %			40-215						
M2-8:2FTS	Surrogate: M2-8:2 FTS	117 %			40-275						
13C9PFNA	Surrogate: M9PFNA	95.0 %			40-130						
M2-4:2FTS	Surrogate: M2-4:2 FTS	119 %			40-165						
936109-37-4	Surrogate: d-N-MeFOSA	61.2 %			10-130						
936109-40-9	Surrogate: d-N-EtFOSA	58.9 %			10-130						
M3HFPO-DA	Surrogate: M3HFPO-DA	95.9 %			40-130						
D9-NETPFOSA	Surrogate: d9-N-EtFOSE	55.0 %			15-130						
D7-NMEPFOSA	Surrogate: d7-N-MeFOSE	64.7 %			20-130						

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	86.8		%	0.100	1	SM 2540G Certifications: CTDPH-PH-0840	10/27/2025 16:54	10/27/2025 17:04	DD2

Sample Information

Client Sample ID: SB-7 COMP

York Sample ID: 25J1560-09

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 1:25 am

Date Received

10/24/2025

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	0.0446	0.0889	2	EPA 8270E Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 19:04	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0889	0.178	2	EPA 8270E Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 19:04	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 19:04	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270E Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 19:04	SS
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270E Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 19:04	SS



Sample Information

Client Sample ID: SB-7 COMP

York Sample ID: 25J1560-09

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 1:25 am

Date Received

10/24/2025

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
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270E Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 19:04	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270E Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 19:04	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0889	0.178	2	EPA 8270E Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 19:04	SS
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 19:04	SS
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 19:04	SS
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 19:04	SS
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 19:04	SS
51-28-5	2,4-Dinitrophenol	ND	CAL-E, CCVE	mg/kg dry	0.0889	0.178	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 19:04	SS
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 19:04	SS
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 19:04	SS
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 19:04	SS
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 19:04	SS
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 19:04	SS
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 19:04	SS
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0889	0.178	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 19:04	SS
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 19:04	SS
65794-96-9	* 3- & 4-Methylphenols	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270E Certifications: CTDPH-PH-0840	10/27/2025 09:19	10/29/2025 19:04	SS
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 19:04	SS
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0889	0.178	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 19:04	SS
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0889	0.178	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 19:04	SS
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 19:04	SS
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 19:04	SS
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 19:04	SS



Sample Information

Client Sample ID: SB-7 COMP

York Sample ID: 25J1560-09

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 1:25 am

Date Received

10/24/2025

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
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 19:04	SS
								CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0889	0.178	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 19:04	SS
								CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0889	0.178	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 19:04	SS
								CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
83-32-9	Acenaphthene	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 19:04	SS
								CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 19:04	SS
								CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
98-86-2	Acetophenone	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 19:04	SS
								NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
62-53-3	Aniline	ND		mg/kg dry	0.178	0.356	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 19:04	SS
								NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
120-12-7	Anthracene	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 19:04	SS
								CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
1912-24-9	Atrazine	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 19:04	SS
								NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 19:04	SS
								NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
92-87-5	Benzidine	ND	CAL-E	mg/kg dry	0.178	0.356	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 19:04	SS
								CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 19:04	SS
								CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 19:04	SS
								CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 19:04	SS
								CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 19:04	SS
								CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 19:04	SS
								CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
65-85-0	Benzoic acid	ND	CAL-E, CCVE	mg/kg dry	0.0446	0.0889	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 19:04	SS
								NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 19:04	SS
								NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 19:04	SS
								CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 19:04	SS
								CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 19:04	SS
								CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 19:04	SS
								CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 19:04	SS
								CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			



Sample Information

Client Sample ID: SB-7 COMP

York Sample ID: 25J1560-09

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 1:25 am

Date Received

10/24/2025

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
105-60-2	Caprolactam	ND		mg/kg dry	0.0889	0.178	2	EPA 8270E Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 19:04	SS
86-74-8	Carbazole	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 19:04	SS
218-01-9	Chrysene	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 19:04	SS
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 19:04	SS
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 19:04	SS
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 19:04	SS
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 19:04	SS
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 19:04	SS
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 19:04	SS
122-39-4	Diphenylamine	ND		mg/kg dry	0.0889	0.178	2	EPA 8270E Certifications: PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 19:04	SS
206-44-0	Fluoranthene	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 19:04	SS
86-73-7	Fluorene	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270E Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 19:04	SS
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 19:04	SS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 19:04	SS
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	mg/kg dry	0.0446	0.0889	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 19:04	SS
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 19:04	SS
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 19:04	SS
78-59-1	Isophorone	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 19:04	SS
91-20-3	Naphthalene	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 19:04	SS
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 19:04	SS
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 19:04	SS
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 19:04	SS
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 19:04	SS



Sample Information

Client Sample ID: SB-7 COMP

York Sample ID: 25J1560-09

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 1:25 am

Date Received

10/24/2025

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
87-86-5	Pentachlorophenol	ND	CAL-E, CCVE	mg/kg dry	0.0446	0.0889	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 19:04	SS
85-01-8	Phenanthrene	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 19:04	SS
108-95-2	Phenol	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 19:04	SS
129-00-0	Pyrene	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 19:04	SS
Surrogate Recoveries		Result		Acceptance Range							
367-12-4	Surrogate: SURR: 2-Fluorophenol	31.3 %									
13127-88-3	Surrogate: SURR: Phenol-d6	26.8 %									
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	17.5 %	S-08								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	22.9 %									
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	22.2 %									
1718-51-0	Surrogate: SURR: Terphenyl-d14	25.1 %									

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	20.0	1	EPA 8270D SIM Certifications: NYSDOH-NY10854	10/29/2025 09:22	11/03/2025 14:24	SS
Surrogate Recoveries		Result		Acceptance Range						
17647-74-4	Surrogate: 1,4-Dioxane-d8	52.0 %								

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 08:46	10/27/2025 20:52	RJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 08:46	10/27/2025 20:52	RJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 08:46	10/27/2025 20:52	RJ
309-00-2	Aldrin	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 08:46	10/27/2025 20:52	RJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 08:46	10/27/2025 20:52	RJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 08:46	10/27/2025 20:52	RJ



Sample Information

Client Sample ID: SB-7 COMP

York Sample ID: 25J1560-09

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 1:25 am

Date Received

10/24/2025

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-86-8	delta-BHC	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 08:46	10/27/2025 20:52	RJ
60-57-1	Dieldrin	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 08:46	10/27/2025 20:52	RJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 08:46	10/27/2025 20:52	RJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854	10/27/2025 08:46	10/27/2025 20:52	RJ
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 08:46	10/27/2025 20:52	RJ
72-20-8	Endrin	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 08:46	10/27/2025 20:52	RJ
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 08:46	10/27/2025 20:52	RJ
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 08:46	10/27/2025 20:52	RJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 08:46	10/27/2025 20:52	RJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 08:46	10/27/2025 20:52	RJ
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 08:46	10/27/2025 20:52	RJ
72-43-5	Methoxychlor	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 08:46	10/27/2025 20:52	RJ
8001-35-2	Toxaphene	ND		mg/kg dry	0.175	5	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 08:46	10/27/2025 20:52	RJ
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0351	5	EPA 8081B Certifications:	10/27/2025 08:46	10/27/2025 20:52	RJ
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	66.5 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	69.3 %	30-150							

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications: NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0	10/27/2025 08:43	10/27/2025 20:40	NF
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications: NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0	10/27/2025 08:43	10/27/2025 20:40	NF
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications: NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0	10/27/2025 08:43	10/27/2025 20:40	NF
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications: NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0	10/27/2025 08:43	10/27/2025 20:40	NF



Sample Information

Client Sample ID: SB-7 COMP

York Sample ID: 25J1560-09

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 1:25 am

Date Received

10/24/2025

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications: NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0	10/27/2025 08:43	10/27/2025 20:40	NF
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications: NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0	10/27/2025 08:43	10/27/2025 20:40	NF
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications: NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0	10/27/2025 08:43	10/27/2025 20:40	NF
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications:	10/27/2025 08:43	10/27/2025 20:40	NF
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	60.0 %		30-120						
2051-24-3	Surrogate: Decachlorobiphenyl	74.5 %		30-120						

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/kg dry	21.3	1	EPA 8151A Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 08:37	10/28/2025 14:39	gxb
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	21.3	1	EPA 8151A Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 08:37	10/28/2025 14:39	gxb
94-75-7	2,4-D	ND		ug/kg dry	21.3	1	EPA 8151A Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 08:37	10/28/2025 14:39	gxb
Surrogate Recoveries		Result		Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	89.0 %		21-150						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	16400		mg/kg dry	4.47	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 14:38	10/28/2025 11:43	AGNR
7440-36-0	Antimony	ND		mg/kg dry	2.24	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 14:38	10/28/2025 11:43	AGNR
7440-38-2	Arsenic	ND		mg/kg dry	1.34	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 14:38	10/28/2025 11:43	AGNR
7440-39-3	Barium	119		mg/kg dry	2.23	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 14:38	10/28/2025 11:43	AGNR
7440-41-7	Beryllium	ND		mg/kg dry	0.045	1	EPA 6010D Certifications: NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440	10/27/2025 14:38	10/28/2025 11:43	AGNR
7440-43-9	Cadmium	ND		mg/kg dry	0.268	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 14:38	10/28/2025 11:43	AGNR



Sample Information

Client Sample ID: SB-7 COMP

York Sample ID: 25J1560-09

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 1:25 am

Date Received

10/24/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-70-2	Calcium	9620		mg/kg dry	4.47	1	EPA 6010D	10/27/2025 14:38	10/28/2025 11:43	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-47-3	Chromium	22.9		mg/kg dry	0.448	1	EPA 6010D	10/27/2025 14:38	10/28/2025 11:43	AGNR
							Certifications:	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-48-4	Cobalt	20.3		mg/kg dry	0.357	1	EPA 6010D	10/27/2025 14:38	10/28/2025 11:43	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-50-8	Copper	101		mg/kg dry	1.79	1	EPA 6010D	10/27/2025 14:38	10/28/2025 11:43	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7439-89-6	Iron	24600		mg/kg dry	22.4	1	EPA 6010D	10/27/2025 14:38	10/28/2025 11:43	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7439-92-1	Lead	4.13		mg/kg dry	0.448	1	EPA 6010D	10/27/2025 14:38	10/28/2025 11:43	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7439-95-4	Magnesium	6530		mg/kg dry	4.48	1	EPA 6010D	10/27/2025 14:38	10/28/2025 11:43	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7439-96-5	Manganese	391		mg/kg dry	0.448	1	EPA 6010D	10/27/2025 14:38	10/28/2025 11:43	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-02-0	Nickel	27.2		mg/kg dry	0.891	1	EPA 6010D	10/27/2025 14:38	10/28/2025 11:43	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-09-7	Potassium	2520		mg/kg dry	4.48	1	EPA 6010D	10/27/2025 14:38	10/28/2025 11:43	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7782-49-2	Selenium	ND		mg/kg dry	2.24	1	EPA 6010D	10/27/2025 14:38	10/28/2025 11:43	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-22-4	Silver	ND		mg/kg dry	0.451	1	EPA 6010D	10/27/2025 14:38	10/28/2025 11:43	AGNR
							Certifications:	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-23-5	Sodium	824		mg/kg dry	44.7	1	EPA 6010D	10/27/2025 14:38	10/28/2025 11:43	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-28-0	Thallium	ND		mg/kg dry	1.79	1	EPA 6010D	10/27/2025 14:38	10/28/2025 11:43	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-62-2	Vanadium	74.5		mg/kg dry	0.891	1	EPA 6010D	10/27/2025 14:38	10/28/2025 11:43	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-66-6	Zinc	37.3		mg/kg dry	2.23	1	EPA 6010D	10/27/2025 14:38	10/28/2025 11:43	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		

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	0.0322	1	EPA 7473	10/28/2025 08:44	10/28/2025 16:14	LCB
							Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440,CTDPH-PH-0		

Total Solids

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: SB-7 COMP

York Sample ID: 25J1560-09

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 1:25 am

Date Received

10/24/2025

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	93.2		%	0.100	1	SM 2540G Certifications: CTDPH-PH-0840	10/27/2025 08:32	10/27/2025 12:45	CD

Analyzed by: Phoenix Environmental Labs, Inc.

SW8260D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SW8260D

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		mg/Kg	0.025	1	SW8260D Certifications: NY-11301	10/24/2025 01:25	10/28/2025 03:12	CT007
71-55-6	1,1,1-Trichloroethane	ND		mg/Kg	0.0063	1	SW8260D Certifications: NY-11301	10/24/2025 01:25	10/28/2025 03:12	CT007
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/Kg	0.0063	1	SW8260D Certifications: NY-11301	10/24/2025 01:25	10/28/2025 03:12	CT007
79-00-5	1,1,2-Trichloroethane	ND		mg/Kg	0.0063	1	SW8260D Certifications: NY-11301	10/24/2025 01:25	10/28/2025 03:12	CT007
75-34-3	1,1-Dichloroethane	ND		mg/Kg	0.0063	1	SW8260D Certifications: NY-11301	10/24/2025 01:25	10/28/2025 03:12	CT007
75-35-4	1,1-Dichloroethene	ND		mg/Kg	0.0063	1	SW8260D Certifications: NY-11301	10/24/2025 01:25	10/28/2025 03:12	CT007
87-61-6	1,2,3-Trichlorobenzene	ND		mg/Kg	0.0063	1	SW8260D Certifications: NY-11301	10/24/2025 01:25	10/28/2025 03:12	CT007
96-18-4	1,2,3-Trichloropropane	ND		mg/Kg	0.0063	1	SW8260D Certifications: NY-11301	10/24/2025 01:25	10/28/2025 03:12	CT007
120-82-1	1,2,4-Trichlorobenzene	ND		mg/Kg	0.0063	1	SW8260D Certifications: NY-11301	10/24/2025 01:25	10/28/2025 03:12	CT007
95-63-6	1,2,4-Trimethylbenzene	ND		mg/Kg	0.0063	1	SW8260D Certifications: NY-11301	10/24/2025 01:25	10/28/2025 03:12	CT007
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/Kg	0.0063	1	SW8260D Certifications: NY-11301	10/24/2025 01:25	10/28/2025 03:12	CT007
106-93-4	1,2-Dibromoethane	ND		mg/Kg	0.0063	1	SW8260D Certifications: NY-11301	10/24/2025 01:25	10/28/2025 03:12	CT007
95-50-1	1,2-Dichlorobenzene	ND		mg/Kg	0.0063	1	SW8260D Certifications: NY-11301	10/24/2025 01:25	10/28/2025 03:12	CT007
107-06-2	1,2-Dichloroethane	ND		mg/Kg	0.0063	1	SW8260D Certifications: NY-11301	10/24/2025 01:25	10/28/2025 03:12	CT007
78-87-5	1,2-Dichloropropane	ND		mg/Kg	0.0063	1	SW8260D Certifications: NY-11301	10/24/2025 01:25	10/28/2025 03:12	CT007
108-67-8	1,3,5-Trimethylbenzene	ND		mg/Kg	0.0063	1	SW8260D Certifications: NY-11301	10/24/2025 01:25	10/28/2025 03:12	CT007
541-73-1	1,3-Dichlorobenzene	ND		mg/Kg	0.0063	1	SW8260D Certifications: NY-11301	10/24/2025 01:25	10/28/2025 03:12	CT007
106-46-7	1,4-Dichlorobenzene	ND		mg/Kg	0.0063	1	SW8260D Certifications: NY-11301	10/24/2025 01:25	10/28/2025 03:12	CT007



Sample Information

Client Sample ID: SB-7 COMP

York Sample ID: 25J1560-09

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 1:25 am

Date Received

10/24/2025

Analyzed by: Phoenix Environmental Labs, Inc.

SW8260D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/Kg	0.031	1	SW8260D Certifications: NY-11301	10/24/2025 01:25	10/28/2025 03:12	CT007
108-10-1	4-Methyl-2-pentanone	ND		mg/Kg	0.031	1	SW8260D Certifications: NY-11301	10/24/2025 01:25	10/28/2025 03:12	CT007
67-64-1	Acetone	ND		mg/Kg	0.05	1	SW8260D Certifications: NY-11301	10/24/2025 01:25	10/28/2025 03:12	CT007
107-02-8	Acrolein	ND		mg/Kg	0.0063	1	SW8260D Certifications: NY-11301	10/24/2025 01:25	10/28/2025 03:12	CT007
107-13-1	Acrylonitrile	ND		mg/Kg	0.025	1	SW8260D Certifications: NY-11301	10/24/2025 01:25	10/28/2025 03:12	CT007
71-43-2	Benzene	ND		mg/Kg	0.0063	1	SW8260D Certifications: NY-11301	10/24/2025 01:25	10/28/2025 03:12	CT007
74-97-5	Bromochloromethane	ND		mg/Kg	0.0063	1	SW8260D Certifications: NY-11301	10/24/2025 01:25	10/28/2025 03:12	CT007
75-27-4	Bromodichloromethane	ND		mg/Kg	0.0063	1	SW8260D Certifications: NY-11301	10/24/2025 01:25	10/28/2025 03:12	CT007
75-25-2	Bromoform	ND		mg/Kg	0.0063	1	SW8260D Certifications: NY-11301	10/24/2025 01:25	10/28/2025 03:12	CT007
74-83-9	Bromomethane	ND		mg/Kg	0.0063	1	SW8260D Certifications: NY-11301	10/24/2025 01:25	10/28/2025 03:12	CT007
75-15-0	Carbon Disulfide	ND		mg/Kg	0.0063	1	SW8260D Certifications: NY-11301	10/24/2025 01:25	10/28/2025 03:12	CT007
56-23-5	Carbon tetrachloride	ND		mg/Kg	0.0063	1	SW8260D Certifications: NY-11301	10/24/2025 01:25	10/28/2025 03:12	CT007
108-90-7	Chlorobenzene	ND		mg/Kg	0.0063	1	SW8260D Certifications: NY-11301	10/24/2025 01:25	10/28/2025 03:12	CT007
75-00-3	Chloroethane	ND		mg/Kg	0.0063	1	SW8260D Certifications: NY-11301	10/24/2025 01:25	10/28/2025 03:12	CT007
67-66-3	Chloroform	ND		mg/Kg	0.0063	1	SW8260D Certifications: NY-11301	10/24/2025 01:25	10/28/2025 03:12	CT007
74-87-3	Chloromethane	ND		mg/Kg	0.0063	1	SW8260D Certifications: NY-11301	10/24/2025 01:25	10/28/2025 03:12	CT007
156-59-2	cis-1,2-Dichloroethene	ND		mg/Kg	0.0063	1	SW8260D Certifications: NY-11301	10/24/2025 01:25	10/28/2025 03:12	CT007
10061-01-5	cis-1,3-Dichloropropene	ND		mg/Kg	0.0063	1	SW8260D Certifications: NY-11301	10/24/2025 01:25	10/28/2025 03:12	CT007
110-82-7	Cyclohexane	ND		mg/Kg	0.0063	1	SW8260D Certifications: NY-11301	10/24/2025 01:25	10/28/2025 03:12	CT007
124-48-1	Dibromochloromethane	ND		mg/Kg	0.0063	1	SW8260D Certifications: NY-11301	10/24/2025 01:25	10/28/2025 03:12	CT007
74-95-3	Dibromomethane	ND		mg/Kg	0.0063	1	SW8260D Certifications: NY-11301	10/24/2025 01:25	10/28/2025 03:12	CT007
75-71-8	Dichlorodifluoromethane	ND		mg/Kg	0.0063	1	SW8260D Certifications: NY-11301	10/24/2025 01:25	10/28/2025 03:12	CT007
100-41-4	Ethylbenzene	ND		mg/Kg	0.0063	1	SW8260D Certifications: NY-11301	10/24/2025 01:25	10/28/2025 03:12	CT007



Sample Information

Client Sample ID: SB-7 COMP

York Sample ID: 25J1560-09

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 1:25 am

Date Received

10/24/2025

Analyzed by: Phoenix Environmental Labs, Inc.

SW8260D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		mg/Kg	0.0063	1	SW8260D Certifications: NY-11301	10/24/2025 01:25	10/28/2025 03:12	CT007
98-82-8	Isopropylbenzene	ND		mg/Kg	0.0063	1	SW8260D Certifications: NY-11301	10/24/2025 01:25	10/28/2025 03:12	CT007
179601-23-1	m&p-Xylene	ND		mg/Kg	0.0063	1	SW8260D Certifications: NY-11301	10/24/2025 01:25	10/28/2025 03:12	CT007
78-93-3	Methyl ethyl ketone	ND		mg/Kg	0.038	1	SW8260D Certifications: NY-11301	10/24/2025 01:25	10/28/2025 03:12	CT007
1634-04-4	Methyl t-butyl ether (MTBE)	ND		mg/Kg	0.013	1	SW8260D Certifications: NY-11301	10/24/2025 01:25	10/28/2025 03:12	CT007
79-20-9	Methylacetate	ND		mg/Kg	0.063	1	SW8260D Certifications: NY-11301	10/24/2025 01:25	10/28/2025 03:12	CT007
108-87-2	Methylcyclohexane	ND		mg/Kg	0.0063	1	SW8260D Certifications: NY-11301	10/24/2025 01:25	10/28/2025 03:12	CT007
75-09-2	Methylene chloride	ND		mg/Kg	0.031	1	SW8260D Certifications: NY-11301	10/24/2025 01:25	10/28/2025 03:12	CT007
104-51-8	n-Butylbenzene	ND		mg/Kg	0.0063	1	SW8260D Certifications: NY-11301	10/24/2025 01:25	10/28/2025 03:12	CT007
103-65-1	n-Propylbenzene	ND		mg/Kg	0.0063	1	SW8260D Certifications: NY-11301	10/24/2025 01:25	10/28/2025 03:12	CT007
95-47-6	o-Xylene	ND		mg/Kg	0.0063	1	SW8260D Certifications: NY-11301	10/24/2025 01:25	10/28/2025 03:12	CT007
99-87-6	p-Isopropyltoluene	ND		mg/Kg	0.0063	1	SW8260D Certifications: NY-11301	10/24/2025 01:25	10/28/2025 03:12	CT007
135-98-8	sec-Butylbenzene	ND		mg/Kg	0.0063	1	SW8260D Certifications: NY-11301	10/24/2025 01:25	10/28/2025 03:12	CT007
100-42-5	Styrene	ND		mg/Kg	0.0063	1	SW8260D Certifications: NY-11301	10/24/2025 01:25	10/28/2025 03:12	CT007
75-65-0	Tert-butyl alcohol	ND		mg/Kg	0.13	1	SW8260D Certifications: NY-11301	10/24/2025 01:25	10/28/2025 03:12	CT007
98-06-6	tert-Butylbenzene	ND		mg/Kg	0.0063	1	SW8260D Certifications: NY-11301	10/24/2025 01:25	10/28/2025 03:12	CT007
127-18-4	Tetrachloroethene	ND		mg/Kg	0.0063	1	SW8260D Certifications: NY-11301	10/24/2025 01:25	10/28/2025 03:12	CT007
108-88-3	Toluene	ND		mg/Kg	0.0063	1	SW8260D Certifications: NY-11301	10/24/2025 01:25	10/28/2025 03:12	CT007
1330-20-7	Total Xylenes	ND		mg/Kg	0.0063	1	SW8260D Certifications: NY-11301	10/24/2025 01:25	10/28/2025 03:12	CT007
156-60-5	trans-1,2-Dichloroethene	ND		mg/Kg	0.0063	1	SW8260D Certifications: NY-11301	10/24/2025 01:25	10/28/2025 03:12	CT007
10061-02-6	trans-1,3-Dichloropropene	ND		mg/Kg	0.0063	1	SW8260D Certifications: NY-11301	10/24/2025 01:25	10/28/2025 03:12	CT007
110-57-6	trans-1,4-dichloro-2-butene	ND		mg/Kg	0.013	1	SW8260D Certifications: NY-11301	10/24/2025 01:25	10/28/2025 03:12	CT007
79-01-6	Trichloroethene	ND		mg/Kg	0.0063	1	SW8260D Certifications: NY-11301	10/24/2025 01:25	10/28/2025 03:12	CT007



Sample Information

Client Sample ID: SB-7 COMP

York Sample ID: 25J1560-09

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 1:25 am

Date Received

10/24/2025

Analyzed by: Phoenix Environmental Labs, Inc.

SW8260D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		mg/Kg	0.0063	1	SW8260D Certifications: NY-11301	10/24/2025 01:25	10/28/2025 03:12	CT007
76-13-1	Trichlorotrifluoroethane	ND		mg/Kg	0.0063	1	SW8260D Certifications: NY-11301	10/24/2025 01:25	10/28/2025 03:12	CT007
75-01-4	Vinyl chloride	ND		mg/Kg	0.0063	1	SW8260D Certifications: NY-11301	10/24/2025 01:25	10/28/2025 03:12	CT007
Surrogate Recoveries		Result		Acceptance Range						
2199-69-1	Surrogate: % 1,2-dichlorobenzene-d4	98 %		70-130						
460-00-4	Surrogate: % Bromofluorobenzene	95 %		70-130						
1868-53-7	Surrogate: % Dibromofluoromethane	90 %		70-130						
2037-26-5	Surrogate: % Toluene-d8	101 %		70-130						

SW846-%Solid

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SW846-%Solid

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
PHNX - PCTSOI	Percent Solid	96		%		1	SW846-%Solid Certifications: NY-11301	10/24/2025 01:25	10/27/2025 23:30	CT007

Sample Information

Client Sample ID: DUPE COMP

York Sample ID: 25J1560-10

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 12:00 am

Date Received

10/24/2025

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	0.0454	0.0906	2	EPA 8270E Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 19:35	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 19:35	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 19:35	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270E Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 19:35	SS



Sample Information

Client Sample ID: DUPE COMP

York Sample ID: 25J1560-10

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 12:00 am

Date Received

10/24/2025

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
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270E Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 19:35	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270E Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 19:35	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270E Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 19:35	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 19:35	SS
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 19:35	SS
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 19:35	SS
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 19:35	SS
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 19:35	SS
51-28-5	2,4-Dinitrophenol	ND	CAL-E, CCVE	mg/kg dry	0.0906	0.181	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 19:35	SS
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 19:35	SS
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 19:35	SS
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 19:35	SS
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 19:35	SS
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 19:35	SS
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 19:35	SS
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 19:35	SS
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 19:35	SS
65794-96-9	* 3- & 4-Methylphenols	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270E Certifications: CTDPH-PH-0840	10/27/2025 09:19	10/29/2025 19:35	SS
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 19:35	SS
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 19:35	SS
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0906	0.181	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 19:35	SS
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 19:35	SS
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 19:35	SS



Sample Information

Client Sample ID: DUPE COMP

York Sample ID: 25J1560-10

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 12:00 am

Date Received

10/24/2025

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
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 19:35	SS
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 19:35	SS
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 19:35	SS
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 19:35	SS
83-32-9	Acenaphthene	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 19:35	SS
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 19:35	SS
98-86-2	Acetophenone	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270E Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 19:35	SS
62-53-3	Aniline	ND		mg/kg dry	0.181	0.363	2	EPA 8270E Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 19:35	SS
120-12-7	Anthracene	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 19:35	SS
1912-24-9	Atrazine	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270E Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 19:35	SS
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270E Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 19:35	SS
92-87-5	Benzidine	ND	CAL-E	mg/kg dry	0.181	0.363	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 19:35	SS
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 19:35	SS
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 19:35	SS
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 19:35	SS
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 19:35	SS
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 19:35	SS
65-85-0	Benzoic acid	ND	CAL-E, CCVE	mg/kg dry	0.0454	0.0906	2	EPA 8270E Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 19:35	SS
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270E Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 19:35	SS
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 19:35	SS
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 19:35	SS
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 19:35	SS
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 19:35	SS



Sample Information

Client Sample ID: DUPE COMP

York Sample ID: 25J1560-10

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 12:00 am

Date Received

10/24/2025

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
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 19:35	SS
105-60-2	Caprolactam	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 19:35	SS
86-74-8	Carbazole	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 19:35	SS
218-01-9	Chrysene	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 19:35	SS
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 19:35	SS
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 19:35	SS
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 19:35	SS
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 19:35	SS
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 19:35	SS
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 19:35	SS
122-39-4	Diphenylamine	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 19:35	SS
206-44-0	Fluoranthene	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 19:35	SS
86-73-7	Fluorene	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 19:35	SS
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 19:35	SS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 19:35	SS
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	mg/kg dry	0.0454	0.0906	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 19:35	SS
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 19:35	SS
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 19:35	SS
78-59-1	Isophorone	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 19:35	SS
91-20-3	Naphthalene	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 19:35	SS
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 19:35	SS
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 19:35	SS
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 19:35	SS



Sample Information

Client Sample ID: DUPE COMP

York Sample ID: 25J1560-10

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 12:00 am

Date Received

10/24/2025

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
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY110	10/27/2025 09:19	10/29/2025 19:35	SS
87-86-5	Pentachlorophenol	ND	CAL-E, CCVE	mg/kg dry	0.0454	0.0906	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY110	10/27/2025 09:19	10/29/2025 19:35	SS
85-01-8	Phenanthrene	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY110	10/27/2025 09:19	10/29/2025 19:35	SS
108-95-2	Phenol	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY110	10/27/2025 09:19	10/29/2025 19:35	SS
129-00-0	Pyrene	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY110	10/27/2025 09:19	10/29/2025 19:35	SS
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	38.6 %	20-108								
13127-88-3	Surrogate: SURR: Phenol-d6	33.7 %	23-114								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	22.3 %	22-108								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	28.4 %	21-113								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	29.3 %	19-110								
1718-51-0	Surrogate: SURR: Terphenyl-d14	30.2 %	24-116								

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	20.0	1	EPA 8270D SIM Certifications: NYSDOH-NY10854	10/29/2025 09:22	11/03/2025 14:39	SS
Surrogate Recoveries		Result	Acceptance Range							
17647-74-4	Surrogate: 1,4-Dioxane-d8	62.0 %	39-127.5							

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 08:46	10/27/2025 20:22	GXB
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 08:46	10/27/2025 20:22	GXB
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 08:46	10/27/2025 20:22	GXB
309-00-2	Aldrin	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 08:46	10/27/2025 20:22	GXB
319-84-6	alpha-BHC	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 08:46	10/27/2025 20:22	GXB



Sample Information

Client Sample ID: DUPE COMP

York Sample ID: 25J1560-10

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 12:00 am

Date Received

10/24/2025

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-85-7	beta-BHC	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	10/27/2025 08:46 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 20:22	GXB
319-86-8	delta-BHC	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	10/27/2025 08:46 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 20:22	GXB
60-57-1	Dieldrin	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	10/27/2025 08:46 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 20:22	GXB
959-98-8	Endosulfan I	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	10/27/2025 08:46 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 20:22	GXB
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	10/27/2025 08:46 CTDPH-PH-0840,NYSDOH-NY10854	10/27/2025 20:22	GXB
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	10/27/2025 08:46 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 20:22	GXB
72-20-8	Endrin	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	10/27/2025 08:46 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 20:22	GXB
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	10/27/2025 08:46 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 20:22	GXB
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	10/27/2025 08:46 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 20:22	GXB
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	10/27/2025 08:46 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 20:22	GXB
76-44-8	Heptachlor	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	10/27/2025 08:46 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 20:22	GXB
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	10/27/2025 08:46 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 20:22	GXB
72-43-5	Methoxychlor	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	10/27/2025 08:46 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 20:22	GXB
8001-35-2	Toxaphene	ND		mg/kg dry	0.178	5	EPA 8081B Certifications:	10/27/2025 08:46 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 20:22	GXB
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0356	5	EPA 8081B Certifications:	10/27/2025 08:46	10/27/2025 20:22	GXB
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	60.9 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	36.7 %	30-150							

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0180	1	EPA 8082A Certifications:	10/27/2025 08:43 NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0	10/27/2025 20:54	NF
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0180	1	EPA 8082A Certifications:	10/27/2025 08:43 NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0	10/27/2025 20:54	NF
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0180	1	EPA 8082A Certifications:	10/27/2025 08:43 NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0	10/27/2025 20:54	NF



Sample Information

Client Sample ID: DUPE COMP

York Sample ID: 25J1560-10

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 12:00 am

Date Received

10/24/2025

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0180	1	EPA 8082A Certifications: NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0	10/27/2025 08:43	10/27/2025 20:54	NF
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0180	1	EPA 8082A Certifications: NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0	10/27/2025 08:43	10/27/2025 20:54	NF
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0180	1	EPA 8082A Certifications: NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0	10/27/2025 08:43	10/27/2025 20:54	NF
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0180	1	EPA 8082A Certifications: NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0	10/27/2025 08:43	10/27/2025 20:54	NF
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0180	1	EPA 8082A Certifications:	10/27/2025 08:43	10/27/2025 20:54	NF
Surrogate Recoveries		Result	Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	40.0 %	30-120							
2051-24-3	Surrogate: Decachlorobiphenyl	52.5 %	30-120							

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/kg dry	21.8	1	EPA 8151A Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 08:37	10/28/2025 14:46	gxb
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	21.8	1	EPA 8151A Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 08:37	10/28/2025 14:46	gxb
94-75-7	2,4-D	ND		ug/kg dry	21.8	1	EPA 8151A Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 08:37	10/28/2025 14:46	gxb
Surrogate Recoveries		Result	Acceptance Range							
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	98.0 %	21-150							

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	16000		mg/kg dry	4.55	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 14:38	10/28/2025 11:45	AGNR
7440-36-0	Antimony	ND		mg/kg dry	2.28	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 14:38	10/28/2025 11:45	AGNR
7440-38-2	Arsenic	ND		mg/kg dry	1.37	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 14:38	10/28/2025 11:45	AGNR
7440-39-3	Barium	123		mg/kg dry	2.27	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 14:38	10/28/2025 11:45	AGNR
7440-41-7	Beryllium	ND		mg/kg dry	0.046	1	EPA 6010D Certifications: NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440	10/27/2025 14:38	10/28/2025 11:45	AGNR
7440-43-9	Cadmium	ND		mg/kg dry	0.273	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 14:38	10/28/2025 11:45	AGNR



Sample Information

Client Sample ID: DUPE COMP

York Sample ID: 25J1560-10

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 12:00 am

Date Received

10/24/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-70-2	Calcium	8390		mg/kg dry	4.56	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 14:38	10/28/2025 11:45	AGNR
7440-47-3	Chromium	22.7		mg/kg dry	0.456	1	EPA 6010D Certifications: NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440	10/27/2025 14:38	10/28/2025 11:45	AGNR
7440-48-4	Cobalt	16.3		mg/kg dry	0.364	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 14:38	10/28/2025 11:45	AGNR
7440-50-8	Copper	110		mg/kg dry	1.82	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 14:38	10/28/2025 11:45	AGNR
7439-89-6	Iron	25100		mg/kg dry	22.8	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 14:38	10/28/2025 11:45	AGNR
7439-92-1	Lead	3.80		mg/kg dry	0.456	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 14:38	10/28/2025 11:45	AGNR
7439-95-4	Magnesium	6760		mg/kg dry	4.56	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 14:38	10/28/2025 11:45	AGNR
7439-96-5	Manganese	321		mg/kg dry	0.456	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 14:38	10/28/2025 11:45	AGNR
7440-02-0	Nickel	27.6		mg/kg dry	0.907	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 14:38	10/28/2025 11:45	AGNR
7440-09-7	Potassium	2520		mg/kg dry	4.56	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 14:38	10/28/2025 11:45	AGNR
7782-49-2	Selenium	ND		mg/kg dry	2.28	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 14:38	10/28/2025 11:45	AGNR
7440-22-4	Silver	ND		mg/kg dry	0.459	1	EPA 6010D Certifications: NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440	10/27/2025 14:38	10/28/2025 11:45	AGNR
7440-23-5	Sodium	805		mg/kg dry	45.6	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 14:38	10/28/2025 11:45	AGNR
7440-28-0	Thallium	ND		mg/kg dry	1.83	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 14:38	10/28/2025 11:45	AGNR
7440-62-2	Vanadium	79.0		mg/kg dry	0.907	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 14:38	10/28/2025 11:45	AGNR
7440-66-6	Zinc	36.9		mg/kg dry	2.27	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 14:38	10/28/2025 11:45	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	ND		mg/kg dry	0.0328	1	EPA 7473 Certifications: NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440,CTDPH-PH-0	10/28/2025 08:44	10/28/2025 16:14	LCB

Total Solids

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: DUPE COMP

York Sample ID: 25J1560-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25J1560

HPN Runway Env Management (JA257006)

Soil

October 24, 2025 12:00 am

10/24/2025

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	91.5		%	0.100	1	SM 2540G Certifications: CTDPH-PH-0840	10/27/2025 08:32	10/27/2025 12:45	CD

Analyzed by: Phoenix Environmental Labs, Inc.

SW8260D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SW8260D

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		mg/Kg	0.017	1	SW8260D Certifications: NY-11301	10/24/2025 00:00	10/28/2025 03:31	CT007
71-55-6	1,1,1-Trichloroethane	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/24/2025 00:00	10/28/2025 03:31	CT007
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/24/2025 00:00	10/28/2025 03:31	CT007
79-00-5	1,1,2-Trichloroethane	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/24/2025 00:00	10/28/2025 03:31	CT007
75-34-3	1,1-Dichloroethane	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/24/2025 00:00	10/28/2025 03:31	CT007
75-35-4	1,1-Dichloroethene	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/24/2025 00:00	10/28/2025 03:31	CT007
87-61-6	1,2,3-Trichlorobenzene	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/24/2025 00:00	10/28/2025 03:31	CT007
96-18-4	1,2,3-Trichloropropane	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/24/2025 00:00	10/28/2025 03:31	CT007
120-82-1	1,2,4-Trichlorobenzene	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/24/2025 00:00	10/28/2025 03:31	CT007
95-63-6	1,2,4-Trimethylbenzene	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/24/2025 00:00	10/28/2025 03:31	CT007
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/24/2025 00:00	10/28/2025 03:31	CT007
106-93-4	1,2-Dibromoethane	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/24/2025 00:00	10/28/2025 03:31	CT007
95-50-1	1,2-Dichlorobenzene	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/24/2025 00:00	10/28/2025 03:31	CT007
107-06-2	1,2-Dichloroethane	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/24/2025 00:00	10/28/2025 03:31	CT007
78-87-5	1,2-Dichloropropane	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/24/2025 00:00	10/28/2025 03:31	CT007
108-67-8	1,3,5-Trimethylbenzene	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/24/2025 00:00	10/28/2025 03:31	CT007
541-73-1	1,3-Dichlorobenzene	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/24/2025 00:00	10/28/2025 03:31	CT007
106-46-7	1,4-Dichlorobenzene	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/24/2025 00:00	10/28/2025 03:31	CT007



Sample Information

Client Sample ID: DUPE COMP

York Sample ID: 25J1560-10

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 12:00 am

Date Received

10/24/2025

Analyzed by: Phoenix Environmental Labs, Inc.

SW8260D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/Kg	0.022	1	SW8260D Certifications: NY-11301	10/24/2025 00:00	10/28/2025 03:31	CT007
108-10-1	4-Methyl-2-pentanone	ND		mg/Kg	0.022	1	SW8260D Certifications: NY-11301	10/24/2025 00:00	10/28/2025 03:31	CT007
67-64-1	Acetone	ND		mg/Kg	0.044	1	SW8260D Certifications: NY-11301	10/24/2025 00:00	10/28/2025 03:31	CT007
107-02-8	Acrolein	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/24/2025 00:00	10/28/2025 03:31	CT007
107-13-1	Acrylonitrile	ND		mg/Kg	0.017	1	SW8260D Certifications: NY-11301	10/24/2025 00:00	10/28/2025 03:31	CT007
71-43-2	Benzene	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/24/2025 00:00	10/28/2025 03:31	CT007
74-97-5	Bromochloromethane	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/24/2025 00:00	10/28/2025 03:31	CT007
75-27-4	Bromodichloromethane	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/24/2025 00:00	10/28/2025 03:31	CT007
75-25-2	Bromoform	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/24/2025 00:00	10/28/2025 03:31	CT007
74-83-9	Bromomethane	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/24/2025 00:00	10/28/2025 03:31	CT007
75-15-0	Carbon Disulfide	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/24/2025 00:00	10/28/2025 03:31	CT007
56-23-5	Carbon tetrachloride	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/24/2025 00:00	10/28/2025 03:31	CT007
108-90-7	Chlorobenzene	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/24/2025 00:00	10/28/2025 03:31	CT007
75-00-3	Chloroethane	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/24/2025 00:00	10/28/2025 03:31	CT007
67-66-3	Chloroform	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/24/2025 00:00	10/28/2025 03:31	CT007
74-87-3	Chloromethane	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/24/2025 00:00	10/28/2025 03:31	CT007
156-59-2	cis-1,2-Dichloroethene	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/24/2025 00:00	10/28/2025 03:31	CT007
10061-01-5	cis-1,3-Dichloropropene	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/24/2025 00:00	10/28/2025 03:31	CT007
110-82-7	Cyclohexane	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/24/2025 00:00	10/28/2025 03:31	CT007
124-48-1	Dibromochloromethane	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/24/2025 00:00	10/28/2025 03:31	CT007
74-95-3	Dibromomethane	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/24/2025 00:00	10/28/2025 03:31	CT007
75-71-8	Dichlorodifluoromethane	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/24/2025 00:00	10/28/2025 03:31	CT007
100-41-4	Ethylbenzene	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/24/2025 00:00	10/28/2025 03:31	CT007



Sample Information

Client Sample ID: DUPE COMP

York Sample ID: 25J1560-10

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 12:00 am

Date Received

10/24/2025

Analyzed by: Phoenix Environmental Labs, Inc.

SW8260D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/24/2025 00:00	10/28/2025 03:31	CT007
98-82-8	Isopropylbenzene	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/24/2025 00:00	10/28/2025 03:31	CT007
179601-23-1	m&p-Xylene	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/24/2025 00:00	10/28/2025 03:31	CT007
78-93-3	Methyl ethyl ketone	ND		mg/Kg	0.026	1	SW8260D Certifications: NY-11301	10/24/2025 00:00	10/28/2025 03:31	CT007
1634-04-4	Methyl t-butyl ether (MTBE)	ND		mg/Kg	0.0087	1	SW8260D Certifications: NY-11301	10/24/2025 00:00	10/28/2025 03:31	CT007
79-20-9	Methylacetate	ND		mg/Kg	0.044	1	SW8260D Certifications: NY-11301	10/24/2025 00:00	10/28/2025 03:31	CT007
108-87-2	Methylcyclohexane	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/24/2025 00:00	10/28/2025 03:31	CT007
75-09-2	Methylene chloride	ND		mg/Kg	0.022	1	SW8260D Certifications: NY-11301	10/24/2025 00:00	10/28/2025 03:31	CT007
104-51-8	n-Butylbenzene	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/24/2025 00:00	10/28/2025 03:31	CT007
103-65-1	n-Propylbenzene	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/24/2025 00:00	10/28/2025 03:31	CT007
95-47-6	o-Xylene	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/24/2025 00:00	10/28/2025 03:31	CT007
99-87-6	p-Isopropyltoluene	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/24/2025 00:00	10/28/2025 03:31	CT007
135-98-8	sec-Butylbenzene	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/24/2025 00:00	10/28/2025 03:31	CT007
100-42-5	Styrene	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/24/2025 00:00	10/28/2025 03:31	CT007
75-65-0	Tert-butyl alcohol	ND		mg/Kg	0.087	1	SW8260D Certifications: NY-11301	10/24/2025 00:00	10/28/2025 03:31	CT007
98-06-6	tert-Butylbenzene	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/24/2025 00:00	10/28/2025 03:31	CT007
127-18-4	Tetrachloroethene	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/24/2025 00:00	10/28/2025 03:31	CT007
108-88-3	Toluene	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/24/2025 00:00	10/28/2025 03:31	CT007
1330-20-7	Total Xylenes	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/24/2025 00:00	10/28/2025 03:31	CT007
156-60-5	trans-1,2-Dichloroethene	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/24/2025 00:00	10/28/2025 03:31	CT007
10061-02-6	trans-1,3-Dichloropropene	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/24/2025 00:00	10/28/2025 03:31	CT007
110-57-6	trans-1,4-dichloro-2-butene	ND		mg/Kg	0.0087	1	SW8260D Certifications: NY-11301	10/24/2025 00:00	10/28/2025 03:31	CT007
79-01-6	Trichloroethene	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/24/2025 00:00	10/28/2025 03:31	CT007



Sample Information

Client Sample ID: DUPE COMP

York Sample ID: 25J1560-10

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 12:00 am

Date Received

10/24/2025

Analyzed by: Phoenix Environmental Labs, Inc.

SW8260D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/24/2025 00:00	10/28/2025 03:31	CT007
76-13-1	Trichlorotrifluoroethane	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/24/2025 00:00	10/28/2025 03:31	CT007
75-01-4	Vinyl chloride	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/24/2025 00:00	10/28/2025 03:31	CT007
Surrogate Recoveries		Result	Acceptance Range							
2199-69-1	Surrogate: % 1,2-dichlorobenzene-d4	99 %	70-130							
460-00-4	Surrogate: % Bromofluorobenzene	92 %	70-130							
1868-53-7	Surrogate: % Dibromofluoromethane	90 %	70-130							
2037-26-5	Surrogate: % Toluene-d8	102 %	70-130							

SW846-%Solid

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SW846-%Solid

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
PHNX - PCTSOI	Percent Solid	95		%		1	SW846-%Solid Certifications: NY-11301	10/24/2025 00:00	10/27/2025 23:30	CT007

Sample Information

Client Sample ID: SB-14 0-2

York Sample ID: 25J1560-11

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 2:00 am

Date Received

10/24/2025

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	0.521	0.534	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:49	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	HT-NF D	ug/kg dry	0.0935	0.236	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:49	AM



Sample Information

Client Sample ID: SB-14 0-2

York Sample ID: 25J1560-11

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 2:00 am

Date Received

10/24/2025

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
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0668	0.267	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:49	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.147	0.267	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:49	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0935	0.244	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:49	AM
335-67-1	Perfluorooctanoic acid (PFOA)	0.156	J	ug/kg dry	0.0935	0.267	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:49	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	0.750		ug/kg dry	0.0935	0.248	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:49	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.187	0.267	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:49	AM
335-76-2	Perfluorodecanoic acid (PFDA)	0.125	J	ug/kg dry	0.107	0.267	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:49	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	0.212	J	ug/kg dry	0.147	0.267	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:49	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	0.142	J	ug/kg dry	0.107	0.267	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:49	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	0.168	J	ug/kg dry	0.147	0.267	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:49	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.174	0.267	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:49	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.107	0.267	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:49	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.668	0.668	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:49	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	0.141	J	ug/kg dry	0.107	0.534	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:49	AM
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0401	0.267	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:49	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0935	0.267	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:49	AM
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0801	0.258	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:49	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.240	1.02	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:49	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.214	1.03	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:49	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.214	1.07	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:49	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND		ug/kg dry	0.0801	0.475	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:49	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0534	0.534	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:49	AM



Sample Information

Client Sample ID: SB-14 0-2

York Sample ID: 25J1560-11

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 2:00 am

Date Received

10/24/2025

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
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.160	0.534	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:49	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.0935	0.251	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:49	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.294	1.00	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:49	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ug/kg dry	0.307	1.07	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:49	AM
763051-92-9	11CL-PF3OUdS	ND		ug/kg dry	0.294	1.01	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:49	AM
756426-58-1	9CL-PF3ONS	ND		ug/kg dry	0.361	0.999	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:49	AM
919005-14-4	ADONA	ND		ug/kg dry	0.347	1.01	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:49	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.200	0.259	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:49	AM
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.187	0.256	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:49	AM
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.427	1.34	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:49	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	0.975	6.68	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:49	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.26	6.68	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:49	AM
24448-09-7	N-MeFOSE	ND		ug/kg dry	0.975	2.67	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:49	AM
31506-32-8	N-MeFOSA	ND		ug/kg dry	0.174	0.267	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:49	AM
1691-99-2	N-EtFOSE	ND		ug/kg dry	0.614	2.67	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:49	AM
4151-50-2	N-EtFOSA	ND		ug/kg dry	0.120	0.267	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/05/2025 23:49	AM
Surrogate Recoveries		Result	Acceptance Range								
M3PFBS	Surrogate: M3PFBS	94.3 %	40-135								
338-30-1	Surrogate: M5PFHxA	86.9 %	40-130								
13C4PFHPA	Surrogate: M4PFHpA	78.8 %	40-130								
13C3PFHXS	Surrogate: M3PFHxS	93.2 %	40-130								
13C8PFOA	Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	84.5 %	40-130								
13C6PFDA	Surrogate: M6PFDA	79.0 %	40-130								
13C7PFUNA	Surrogate: M7PFUdA	77.4 %	40-130								
960315-52-0	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	65.3 %	40-130								



Sample Information

Client Sample ID: SB-14 0-2

York Sample ID: 25J1560-11

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 2:00 am

Date Received

10/24/2025

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
13C2PFTEDA	Surrogate: M2PFTEDA	51.4 %			20-130						
13C4PFBA	Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	91.1 %			8-130						
13C8PFOS	Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	98.4 %			40-130						
13C5PFPEA	Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	88.5 %			35-130						
13C8FOSA	Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	100 %			40-130						
D3-NMEFOSAA	Surrogate: d3-N-MeFOSAA	90.6 %			40-135						
D5-NETFOSAA	Surrogate: d5-N-EtFOSAA	93.2 %			40-150						
M2-6:2FTS	Surrogate: M2-6:2 FTS	127 %			40-215						
M2-8:2FTS	Surrogate: M2-8:2 FTS	126 %			40-275						
13C9PFNA	Surrogate: M9PFNA	88.3 %			40-130						
M2-4:2FTS	Surrogate: M2-4:2 FTS	121 %			40-165						
936109-37-4	Surrogate: d-N-MeFOSA	72.1 %			10-130						
936109-40-9	Surrogate: d-N-EtFOSA	72.1 %			10-130						
M3HFPO-DA	Surrogate: M3HFPO-DA	104 %			40-130						
D9-NETPFOSA	Surrogate: d9-N-EtFOSE	71.1 %			15-130						
D7-NMEPFOSA	Surrogate: d7-N-MeFOSE	79.7 %			20-130						

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	74.9		%	0.100	1	SM 2540G	10/27/2025 16:54	10/27/2025 17:04	DD2
							Certifications:	CTDPH-PH-0840		

Sample Information

Client Sample ID: SB-14 2-12

York Sample ID: 25J1560-12

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 2:00 am

Date Received

10/24/2025

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



Sample Information

Client Sample ID: SB-14 2-12

York Sample ID: 25J1560-12

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 2:00 am

Date Received

10/24/2025

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	0.450	0.462	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 19:52	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	0.0808	0.204	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 19:52	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0577	0.231	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 19:52	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.127	0.231	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 19:52	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0808	0.211	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 19:52	AM
335-67-1	Perfluorooctanoic acid (PFOA)	0.133	J	ug/kg dry	0.0808	0.231	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 19:52	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	0.436		ug/kg dry	0.0808	0.215	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 19:52	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.162	0.231	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 19:52	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.0924	0.231	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 19:52	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.127	0.231	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 19:52	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0924	0.231	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 19:52	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.127	0.231	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 19:52	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.150	0.231	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 19:52	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.0924	0.231	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 19:52	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.577	0.577	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 19:52	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.0924	0.462	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 19:52	AM
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0346	0.231	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 19:52	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0808	0.231	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 19:52	AM
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0693	0.223	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 19:52	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.208	0.878	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 19:52	AM



Sample Information

Client Sample ID: SB-14 2-12

York Sample ID: 25J1560-12

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 2:00 am

Date Received

10/24/2025

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
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.185	0.887	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 19:52	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.185	0.924	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 19:52	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND		ug/kg dry	0.0693	0.411	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 19:52	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0462	0.462	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 19:52	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.139	0.462	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 19:52	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.0808	0.217	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 19:52	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.254	0.866	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 19:52	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ug/kg dry	0.266	0.924	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 19:52	AM
763051-92-9	11CL-PF3OUdS	ND		ug/kg dry	0.254	0.873	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 19:52	AM
756426-58-1	9CL-PF3ONS	ND		ug/kg dry	0.312	0.864	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 19:52	AM
919005-14-4	ADONA	ND		ug/kg dry	0.300	0.873	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 19:52	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND	PF-CC V-L	ug/kg dry	0.173	0.224	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 19:52	AM
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.162	0.222	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 19:52	AM
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.370	1.15	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 19:52	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	0.843	5.77	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 19:52	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.09	5.77	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 19:52	AM
24448-09-7	N-MeFOSE	ND		ug/kg dry	0.843	2.31	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 19:52	AM
31506-32-8	N-MeFOSA	ND		ug/kg dry	0.150	0.231	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 19:52	AM
1691-99-2	N-EtFOSE	ND		ug/kg dry	0.531	2.31	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 19:52	AM
4151-50-2	N-EtFOSA	ND		ug/kg dry	0.104	0.231	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 19:52	AM
Surrogate Recoveries		Result	Acceptance Range								
M3PFBS	Surrogate: M3PFBS	87.0 %	40-135								
338-30-1	Surrogate: M5PFHxA	77.2 %	40-130								



Sample Information

Client Sample ID: SB-14 2-12

York Sample ID: 25J1560-12

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 2:00 am

Date Received

10/24/2025

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
13C4PFHPA	Surrogate: M4PFHPA	79.0 %			40-130						
13C3PFHXS	Surrogate: M3PFHXS	89.4 %			40-130						
13C8PFOA	Surrogate: Perfluoro-n- [13C8]octanoic acid (M8PFOA)	71.7 %			40-130						
13C6PFDA	Surrogate: M6PFDA	73.3 %			40-130						
13C7PFUNA	Surrogate: M7PFUdA	77.2 %			40-130						
960315-52-0	Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)	66.8 %			40-130						
13C2PFTEDA	Surrogate: M2PFTeDA	67.6 %			20-130						
13C4PFBA	Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	80.1 %			8-130						
13C8PFOS	Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	79.3 %			40-130						
13C5PFPEA	Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	76.3 %			35-130						
13C8FOSA	Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	80.5 %			40-130						
D3-NMEFOSAA	Surrogate: d3-N-MeFOSAA	68.5 %			40-135						
D5-NETFOSAA	Surrogate: d5-N-EtFOSAA	67.9 %			40-150						
M2-6:2FTS	Surrogate: M2-6:2 FTS	109 %			40-215						
M2-8:2FTS	Surrogate: M2-8:2 FTS	85.7 %			40-275						
13C9PFNA	Surrogate: M9PFNA	78.3 %			40-130						
M2-4:2FTS	Surrogate: M2-4:2 FTS	104 %			40-165						
936109-37-4	Surrogate: d-N-MeFOSA	59.5 %			10-130						
936109-40-9	Surrogate: d-N-EtFOSA	60.4 %			10-130						
M3HFPO-DA	Surrogate: M3HFPO-DA	84.8 %			40-130						
D9-NETPFOSA	Surrogate: d9-N-EtFOSE	71.1 %			15-130						
D7-NMEPFOSA	Surrogate: d7-N-MeFOSE	70.5 %			20-130						

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	86.6		%	0.100	1	SM 2540G	10/27/2025 16:54	10/27/2025 17:04	DD2
							Certifications:	CTDPH-PH-0840		



Sample Information

Client Sample ID: SB-14 12-24

York Sample ID: 25J1560-13

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 2:00 am

Date Received

10/24/2025

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	0.439	0.450	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/06/2025 00:04	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	0.0788	0.199	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/06/2025 00:04	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0563	0.225	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/06/2025 00:04	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.124	0.225	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/06/2025 00:04	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0788	0.206	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/06/2025 00:04	AM
335-67-1	Perfluorooctanoic acid (PFOA)	0.240		ug/kg dry	0.0788	0.225	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/06/2025 00:04	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	0.817		ug/kg dry	0.0788	0.209	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/06/2025 00:04	AM
375-95-1	Perfluorononanoic acid (PFNA)	0.279		ug/kg dry	0.158	0.225	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/06/2025 00:04	AM
335-76-2	Perfluorodecanoic acid (PFDA)	0.133	J	ug/kg dry	0.0901	0.225	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/06/2025 00:04	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	0.515		ug/kg dry	0.124	0.225	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/06/2025 00:04	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	0.156	J	ug/kg dry	0.0901	0.225	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/06/2025 00:04	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	0.206	J	ug/kg dry	0.124	0.225	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/06/2025 00:04	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.146	0.225	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/06/2025 00:04	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.0901	0.225	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/06/2025 00:04	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.563	0.563	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/06/2025 00:04	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	0.971		ug/kg dry	0.0901	0.450	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/06/2025 00:04	AM
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0338	0.225	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/06/2025 00:04	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0788	0.225	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/06/2025 00:04	AM
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0675	0.217	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/06/2025 00:04	AM



Sample Information

Client Sample ID: SB-14 12-24

York Sample ID: 25J1560-13

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 2:00 am

Date Received

10/24/2025

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
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.203	0.856	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/06/2025 00:04	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.180	0.865	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/06/2025 00:04	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.180	0.901	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/06/2025 00:04	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND		ug/kg dry	0.0675	0.401	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/06/2025 00:04	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0450	0.450	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/06/2025 00:04	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.135	0.450	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/06/2025 00:04	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.0788	0.212	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/06/2025 00:04	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.248	0.844	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/06/2025 00:04	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ug/kg dry	0.259	0.901	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/06/2025 00:04	AM
763051-92-9	11CL-PF3OUdS	ND		ug/kg dry	0.248	0.851	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/06/2025 00:04	AM
756426-58-1	9CL-PF3ONS	ND		ug/kg dry	0.304	0.842	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/06/2025 00:04	AM
919005-14-4	ADONA	ND		ug/kg dry	0.293	0.851	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/06/2025 00:04	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.169	0.218	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/06/2025 00:04	AM
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.158	0.216	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/06/2025 00:04	AM
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.360	1.13	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/06/2025 00:04	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	0.822	5.63	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/06/2025 00:04	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.06	5.63	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/06/2025 00:04	AM
24448-09-7	N-MeFOSE	ND		ug/kg dry	0.822	2.25	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/06/2025 00:04	AM
31506-32-8	N-MeFOSA	ND		ug/kg dry	0.146	0.225	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/06/2025 00:04	AM
1691-99-2	N-EtFOSE	ND		ug/kg dry	0.518	2.25	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/06/2025 00:04	AM
4151-50-2	N-EtFOSA	ND		ug/kg dry	0.101	0.225	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/06/2025 00:04	AM

Surrogate Recoveries

Result

Acceptance Range



Sample Information

Client Sample ID: SB-14 12-24

York Sample ID: 25J1560-13

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 2:00 am

Date Received

10/24/2025

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
M3PFBS	Surrogate: M3PFBS	110 %			40-135						
338-30-1	Surrogate: M5PFHxA	93.0 %			40-130						
13C4PFHPA	Surrogate: M4PFHPA	81.1 %			40-130						
13C3PFHXS	Surrogate: M3PFHXS	102 %			40-130						
13C8PFOA	Surrogate: Perfluoro-n- [13C8]octanoic acid (M8PFOA)	83.7 %			40-130						
13C6PFDA	Surrogate: M6PFDA	90.5 %			40-130						
13C7PFUNA	Surrogate: M7PFUDA	78.1 %			40-130						
960315-52-0	Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)	71.3 %			40-130						
13C2PFTEDA	Surrogate: M2PFTEDA	59.9 %			20-130						
13C4PFBA	Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	92.5 %			8-130						
13C8PFOS	Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	98.8 %			40-130						
13C5PFPEA	Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	92.3 %			35-130						
13C8FOSA	Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	103 %			40-130						
D3-NMEFOSAA	Surrogate: d3-N-MeFOSAA	93.9 %			40-135						
D5-NETFOSAA	Surrogate: d5-N-EtFOSAA	100 %			40-150						
M2-6:2FTS	Surrogate: M2-6:2 FTS	146 %			40-215						
M2-8:2FTS	Surrogate: M2-8:2 FTS	153 %			40-275						
13C9PFNA	Surrogate: M9PFNA	99.2 %			40-130						
M2-4:2FTS	Surrogate: M2-4:2 FTS	142 %			40-165						
936109-37-4	Surrogate: d-N-MeFOSA	67.2 %			10-130						
936109-40-9	Surrogate: d-N-EtFOSA	66.5 %			10-130						
M3HFPO-DA	Surrogate: M3HFPO-DA	102 %			40-130						
D9-NETPFOSAI	Surrogate: d9-N-EtFOSE	66.0 %			15-130						
D7-NMEPFOSA	Surrogate: d7-N-MeFOSE	76.4 %			20-130						



Sample Information

Client Sample ID: SB-14 12-24

York Sample ID: 25J1560-13

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25J1560

HPN Runway Env Management (JA257006)

Soil

October 24, 2025 2:00 am

10/24/2025

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	88.8		%	0.100	1	SM 2540G Certifications: CTDPH-PH-0840	10/27/2025 16:54	10/27/2025 17:04	DD2

Sample Information

Client Sample ID: SB-14 Comp

York Sample ID: 25J1560-14

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25J1560

HPN Runway Env Management (JA257006)

Soil

October 23, 2025 2:10 am

10/24/2025

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	0.0476	0.0949	2	EPA 8270E Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/28/2025 08:40	10/28/2025 23:24	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0949	0.190	2	EPA 8270E Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/28/2025 08:40	10/28/2025 23:24	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/28/2025 08:40	10/28/2025 23:24	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/28/2025 08:40	10/28/2025 23:24	SS
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/28/2025 08:40	10/28/2025 23:24	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/28/2025 08:40	10/28/2025 23:24	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/28/2025 08:40	10/28/2025 23:24	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0949	0.190	2	EPA 8270E Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/28/2025 08:40	10/28/2025 23:24	SS
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/28/2025 08:40	10/28/2025 23:24	SS
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/28/2025 08:40	10/28/2025 23:24	SS
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/28/2025 08:40	10/28/2025 23:24	SS
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/28/2025 08:40	10/28/2025 23:24	SS
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0949	0.190	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/28/2025 08:40	10/28/2025 23:24	SS
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/28/2025 08:40	10/28/2025 23:24	SS



Sample Information

Client Sample ID: SB-14 Comp

York Sample ID: 25J1560-14

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 23, 2025 2:10 am

Date Received

10/24/2025

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
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications:	10/28/2025 08:40	10/28/2025 23:24	SS
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications:	10/28/2025 08:40	10/28/2025 23:24	SS
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications:	10/28/2025 08:40	10/28/2025 23:24	SS
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications:	10/28/2025 08:40	10/28/2025 23:24	SS
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications:	10/28/2025 08:40	10/28/2025 23:24	SS
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0949	0.190	2	EPA 8270E Certifications:	10/28/2025 08:40	10/28/2025 23:24	SS
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications:	10/28/2025 08:40	10/28/2025 23:24	SS
65794-96-9	* 3- & 4-Methylphenols	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications:	10/28/2025 08:40	10/28/2025 23:24	SS
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications:	10/28/2025 08:40	10/28/2025 23:24	SS
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0949	0.190	2	EPA 8270E Certifications:	10/28/2025 08:40	10/28/2025 23:24	SS
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0949	0.190	2	EPA 8270E Certifications:	10/28/2025 08:40	10/28/2025 23:24	SS
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications:	10/28/2025 08:40	10/28/2025 23:24	SS
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications:	10/28/2025 08:40	10/28/2025 23:24	SS
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications:	10/28/2025 08:40	10/28/2025 23:24	SS
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications:	10/28/2025 08:40	10/28/2025 23:24	SS
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0949	0.190	2	EPA 8270E Certifications:	10/28/2025 08:40	10/28/2025 23:24	SS
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0949	0.190	2	EPA 8270E Certifications:	10/28/2025 08:40	10/28/2025 23:24	SS
83-32-9	Acenaphthene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications:	10/28/2025 08:40	10/28/2025 23:24	SS
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications:	10/28/2025 08:40	10/28/2025 23:24	SS
98-86-2	Acetophenone	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications:	10/28/2025 08:40	10/28/2025 23:24	SS
62-53-3	Aniline	ND		mg/kg dry	0.190	0.380	2	EPA 8270E Certifications:	10/28/2025 08:40	10/28/2025 23:24	SS
120-12-7	Anthracene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications:	10/28/2025 08:40	10/28/2025 23:24	SS
1912-24-9	Atrazine	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications:	10/28/2025 08:40	10/28/2025 23:24	SS



Sample Information

Client Sample ID: SB-14 Comp

York Sample ID: 25J1560-14

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 23, 2025 2:10 am

Date Received

10/24/2025

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
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/28/2025 08:40	10/28/2025 23:24	SS
92-87-5	Benzidine	ND		mg/kg dry	0.190	0.380	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/28/2025 08:40	10/28/2025 23:24	SS
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/28/2025 08:40	10/28/2025 23:24	SS
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/28/2025 08:40	10/28/2025 23:24	SS
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/28/2025 08:40	10/28/2025 23:24	SS
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/28/2025 08:40	10/28/2025 23:24	SS
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/28/2025 08:40	10/28/2025 23:24	SS
65-85-0	Benzoic acid	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/28/2025 08:40	10/28/2025 23:24	SS
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/28/2025 08:40	10/28/2025 23:24	SS
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/28/2025 08:40	10/28/2025 23:24	SS
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/28/2025 08:40	10/28/2025 23:24	SS
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/28/2025 08:40	10/28/2025 23:24	SS
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/28/2025 08:40	10/28/2025 23:24	SS
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/28/2025 08:40	10/28/2025 23:24	SS
105-60-2	Caprolactam	ND		mg/kg dry	0.0949	0.190	2	EPA 8270E Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/28/2025 08:40	10/28/2025 23:24	SS
86-74-8	Carbazole	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/28/2025 08:40	10/28/2025 23:24	SS
218-01-9	Chrysene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/28/2025 08:40	10/28/2025 23:24	SS
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/28/2025 08:40	10/28/2025 23:24	SS
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/28/2025 08:40	10/28/2025 23:24	SS
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/28/2025 08:40	10/28/2025 23:24	SS
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/28/2025 08:40	10/28/2025 23:24	SS
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/28/2025 08:40	10/28/2025 23:24	SS
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/28/2025 08:40	10/28/2025 23:24	SS



Sample Information

Client Sample ID: SB-14 Comp

York Sample ID: 25J1560-14

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 23, 2025 2:10 am

Date Received

10/24/2025

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
122-39-4	Diphenylamine	ND		mg/kg dry	0.0949	0.190	2	EPA 8270E Certifications: PADEP-68-04440,NYSDOH-NY10854	10/28/2025 08:40	10/28/2025 23:24	SS
206-44-0	Fluoranthene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/28/2025 08:40	10/28/2025 23:24	SS
86-73-7	Fluorene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/28/2025 08:40	10/28/2025 23:24	SS
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/28/2025 08:40	10/28/2025 23:24	SS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/28/2025 08:40	10/28/2025 23:24	SS
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/28/2025 08:40	10/28/2025 23:24	SS
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/28/2025 08:40	10/28/2025 23:24	SS
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/28/2025 08:40	10/28/2025 23:24	SS
78-59-1	Isophorone	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/28/2025 08:40	10/28/2025 23:24	SS
91-20-3	Naphthalene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/28/2025 08:40	10/28/2025 23:24	SS
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/28/2025 08:40	10/28/2025 23:24	SS
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/28/2025 08:40	10/28/2025 23:24	SS
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/28/2025 08:40	10/28/2025 23:24	SS
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/28/2025 08:40	10/28/2025 23:24	SS
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/28/2025 08:40	10/28/2025 23:24	SS
85-01-8	Phenanthrene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/28/2025 08:40	10/28/2025 23:24	SS
108-95-2	Phenol	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/28/2025 08:40	10/28/2025 23:24	SS
129-00-0	Pyrene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/28/2025 08:40	10/28/2025 23:24	SS

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	Surrogate: SURR: 2-Fluorophenol	23.4 %	20-108
13127-88-3	Surrogate: SURR: Phenol-d6	25.0 %	23-114
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	7.36 %	22-108
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	20.4 %	21-113
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	24.8 %	19-110
1718-51-0	Surrogate: SURR: Terphenyl-d14	21.5 %	24-116



Sample Information

Client Sample ID: SB-14 Comp

York Sample ID: 25J1560-14

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25J1560

HPN Runway Env Management (JA257006)

Soil

October 23, 2025 2:10 am

10/24/2025

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.6	1	EPA 8270D SIM Certifications: NYSDOH-NY10854	10/30/2025 11:46	11/04/2025 01:37	SS
Surrogate Recoveries		Result		Acceptance Range						
17647-74-4	Surrogate: 1,4-Dioxane-d8	68.0 %		39-127.5						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00186	5	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 08:46	10/27/2025 20:38	GXB
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00186	5	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 08:46	10/27/2025 20:38	GXB
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00186	5	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 08:46	10/27/2025 20:38	GXB
309-00-2	Aldrin	ND		mg/kg dry	0.00186	5	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 08:46	10/27/2025 20:38	GXB
319-84-6	alpha-BHC	ND		mg/kg dry	0.00186	5	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 08:46	10/27/2025 20:38	GXB
319-85-7	beta-BHC	ND		mg/kg dry	0.00186	5	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 08:46	10/27/2025 20:38	GXB
319-86-8	delta-BHC	ND		mg/kg dry	0.00186	5	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 08:46	10/27/2025 20:38	GXB
60-57-1	Dieldrin	ND		mg/kg dry	0.00186	5	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 08:46	10/27/2025 20:38	GXB
959-98-8	Endosulfan I	ND		mg/kg dry	0.00186	5	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 08:46	10/27/2025 20:38	GXB
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00186	5	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854	10/27/2025 08:46	10/27/2025 20:38	GXB
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00186	5	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 08:46	10/27/2025 20:38	GXB
72-20-8	Endrin	ND		mg/kg dry	0.00186	5	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 08:46	10/27/2025 20:38	GXB
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00186	5	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 08:46	10/27/2025 20:38	GXB
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00186	5	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 08:46	10/27/2025 20:38	GXB
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00186	5	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 08:46	10/27/2025 20:38	GXB
76-44-8	Heptachlor	ND		mg/kg dry	0.00186	5	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 08:46	10/27/2025 20:38	GXB
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00186	5	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 08:46	10/27/2025 20:38	GXB



Sample Information

Client Sample ID: SB-14 Comp

York Sample ID: 25J1560-14

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 23, 2025 2:10 am

Date Received

10/24/2025

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-43-5	Methoxychlor	ND		mg/kg dry	0.00186	5	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 08:46	10/27/2025 20:38	GXB
8001-35-2	Toxaphene	ND		mg/kg dry	0.186	5	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 08:46	10/27/2025 20:38	GXB
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0372	5	EPA 8081B Certifications:	10/27/2025 08:46	10/27/2025 20:38	GXB
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	97.3 %								
877-09-8	Surrogate: Tetrachloro-m-xylene	57.0 %								

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0188	1	EPA 8082A Certifications: NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0	10/27/2025 08:43	10/27/2025 21:08	NF
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0188	1	EPA 8082A Certifications: NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0	10/27/2025 08:43	10/27/2025 21:08	NF
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0188	1	EPA 8082A Certifications: NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0	10/27/2025 08:43	10/27/2025 21:08	NF
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0188	1	EPA 8082A Certifications: NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0	10/27/2025 08:43	10/27/2025 21:08	NF
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0188	1	EPA 8082A Certifications: NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0	10/27/2025 08:43	10/27/2025 21:08	NF
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0188	1	EPA 8082A Certifications: NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0	10/27/2025 08:43	10/27/2025 21:08	NF
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0188	1	EPA 8082A Certifications: NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0	10/27/2025 08:43	10/27/2025 21:08	NF
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0188	1	EPA 8082A Certifications:	10/27/2025 08:43	10/27/2025 21:08	NF
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	68.0 %								
2051-24-3	Surrogate: Decachlorobiphenyl	92.5 %								

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/kg dry	22.6	1	EPA 8151A Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/28/2025 08:50	10/29/2025 11:05	gxb
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	22.6	1	EPA 8151A Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/28/2025 08:50	10/29/2025 11:05	gxb



Sample Information

Client Sample ID: SB-14 Comp

York Sample ID: 25J1560-14

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 23, 2025 2:10 am

Date Received

10/24/2025

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
94-75-7	2,4-D	ND		ug/kg dry	22.6	1	EPA 8151A Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/28/2025 08:50	10/29/2025 11:05	gxb
Surrogate Recoveries		Result		Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	63.6 %		21-150						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	13400		mg/kg dry	4.77	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/28/2025 08:24	10/28/2025 15:05	AGNR
7440-36-0	Antimony	ND		mg/kg dry	2.39	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/28/2025 08:24	10/28/2025 15:05	AGNR
7440-38-2	Arsenic	1.82		mg/kg dry	1.43	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/28/2025 08:24	10/28/2025 15:05	AGNR
7440-39-3	Barium	134		mg/kg dry	2.38	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/28/2025 08:24	10/28/2025 15:05	AGNR
7440-41-7	Beryllium	ND		mg/kg dry	0.048	1	EPA 6010D Certifications: NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440	10/28/2025 08:24	10/28/2025 15:05	AGNR
7440-43-9	Cadmium	ND		mg/kg dry	0.286	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/28/2025 08:24	10/28/2025 15:05	AGNR
7440-70-2	Calcium	7390		mg/kg dry	4.77	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/28/2025 08:24	10/28/2025 15:05	AGNR
7440-47-3	Chromium	37.0		mg/kg dry	0.478	1	EPA 6010D Certifications: NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440	10/28/2025 08:24	10/28/2025 15:05	AGNR
7440-48-4	Cobalt	10.5		mg/kg dry	0.381	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/28/2025 08:24	10/28/2025 15:05	AGNR
7440-50-8	Copper	28.5		mg/kg dry	1.91	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/28/2025 08:24	10/28/2025 15:05	AGNR
7439-89-6	Iron	22300		mg/kg dry	23.9	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/28/2025 08:24	10/28/2025 15:05	AGNR
7439-92-1	Lead	4.03		mg/kg dry	0.478	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/28/2025 08:24	10/28/2025 15:05	AGNR
7439-95-4	Magnesium	7790		mg/kg dry	4.78	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/28/2025 08:24	10/28/2025 15:05	AGNR
7439-96-5	Manganese	393		mg/kg dry	0.478	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/28/2025 08:24	10/28/2025 15:05	AGNR
7440-02-0	Nickel	24.2		mg/kg dry	0.951	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/28/2025 08:24	10/28/2025 15:05	AGNR
7440-09-7	Potassium	4150		mg/kg dry	4.78	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/28/2025 08:24	10/28/2025 15:05	AGNR
7782-49-2	Selenium	ND		mg/kg dry	2.39	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/28/2025 08:24	10/28/2025 15:05	AGNR



Sample Information

Client Sample ID: SB-14 Comp

York Sample ID: 25J1560-14

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 23, 2025 2:10 am

Date Received

10/24/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/kg dry	0.481	1	EPA 6010D Certifications: NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440	10/28/2025 08:24	10/28/2025 15:05	AGNR
7440-23-5	Sodium	376		mg/kg dry	47.7	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440	10/28/2025 08:24	10/28/2025 15:05	AGNR
7440-28-0	Thallium	ND		mg/kg dry	1.91	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440	10/28/2025 08:24	10/28/2025 15:05	AGNR
7440-62-2	Vanadium	43.2		mg/kg dry	0.951	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440	10/28/2025 08:24	10/28/2025 15:05	AGNR
7440-66-6	Zinc	55.8		mg/kg dry	2.38	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440	10/28/2025 08:24	10/28/2025 15:05	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	ND		mg/kg dry	0.0344	1	EPA 7473 Certifications: NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440,CTDPH-PH-0840	10/28/2025 08:44	10/28/2025 16:14	LCB

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	87.3		%	0.100	1	SM 2540G Certifications: CTDPH-PH-0840	10/27/2025 08:32	10/27/2025 12:45	CD

Analyzed by: Phoenix Environmental Labs, Inc.

SW8260D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SW8260D

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		mg/Kg	0.023	1	SW8260D Certifications: NY-11301	10/24/2025 02:10	10/29/2025 01:04	CT007
71-55-6	1,1,1-Trichloroethane	ND		mg/Kg	0.0059	1	SW8260D Certifications: NY-11301	10/24/2025 02:10	10/29/2025 01:04	CT007
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/Kg	0.0059	1	SW8260D Certifications: NY-11301	10/24/2025 02:10	10/29/2025 01:04	CT007
79-00-5	1,1,2-Trichloroethane	ND		mg/Kg	0.0059	1	SW8260D Certifications: NY-11301	10/24/2025 02:10	10/29/2025 01:04	CT007
75-34-3	1,1-Dichloroethane	ND		mg/Kg	0.0059	1	SW8260D Certifications: NY-11301	10/24/2025 02:10	10/29/2025 01:04	CT007



Sample Information

Client Sample ID: SB-14 Comp

York Sample ID: 25J1560-14

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 23, 2025 2:10 am

Date Received

10/24/2025

Analyzed by: Phoenix Environmental Labs, Inc.

SW8260D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethene	ND		mg/Kg	0.0059	1	SW8260D Certifications: NY-11301	10/24/2025 02:10	10/29/2025 01:04	CT007
87-61-6	1,2,3-Trichlorobenzene	ND		mg/Kg	0.0059	1	SW8260D Certifications: NY-11301	10/24/2025 02:10	10/29/2025 01:04	CT007
96-18-4	1,2,3-Trichloropropane	ND		mg/Kg	0.0059	1	SW8260D Certifications: NY-11301	10/24/2025 02:10	10/29/2025 01:04	CT007
120-82-1	1,2,4-Trichlorobenzene	ND		mg/Kg	0.0059	1	SW8260D Certifications: NY-11301	10/24/2025 02:10	10/29/2025 01:04	CT007
95-63-6	1,2,4-Trimethylbenzene	ND		mg/Kg	0.0059	1	SW8260D Certifications: NY-11301	10/24/2025 02:10	10/29/2025 01:04	CT007
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/Kg	0.0059	1	SW8260D Certifications: NY-11301	10/24/2025 02:10	10/29/2025 01:04	CT007
106-93-4	1,2-Dibromoethane	ND		mg/Kg	0.0059	1	SW8260D Certifications: NY-11301	10/24/2025 02:10	10/29/2025 01:04	CT007
95-50-1	1,2-Dichlorobenzene	ND		mg/Kg	0.0059	1	SW8260D Certifications: NY-11301	10/24/2025 02:10	10/29/2025 01:04	CT007
107-06-2	1,2-Dichloroethane	ND		mg/Kg	0.0059	1	SW8260D Certifications: NY-11301	10/24/2025 02:10	10/29/2025 01:04	CT007
78-87-5	1,2-Dichloropropane	ND		mg/Kg	0.0059	1	SW8260D Certifications: NY-11301	10/24/2025 02:10	10/29/2025 01:04	CT007
108-67-8	1,3,5-Trimethylbenzene	ND		mg/Kg	0.0059	1	SW8260D Certifications: NY-11301	10/24/2025 02:10	10/29/2025 01:04	CT007
541-73-1	1,3-Dichlorobenzene	ND		mg/Kg	0.0059	1	SW8260D Certifications: NY-11301	10/24/2025 02:10	10/29/2025 01:04	CT007
106-46-7	1,4-Dichlorobenzene	ND		mg/Kg	0.0059	1	SW8260D Certifications: NY-11301	10/24/2025 02:10	10/29/2025 01:04	CT007
591-78-6	2-Hexanone	ND		mg/Kg	0.029	1	SW8260D Certifications: NY-11301	10/24/2025 02:10	10/29/2025 01:04	CT007
108-10-1	4-Methyl-2-pentanone	ND		mg/Kg	0.029	1	SW8260D Certifications: NY-11301	10/24/2025 02:10	10/29/2025 01:04	CT007
67-64-1	Acetone	ND		mg/Kg	0.05	1	SW8260D Certifications: NY-11301	10/24/2025 02:10	10/29/2025 01:04	CT007
107-02-8	Acrolein	ND		mg/Kg	0.0059	1	SW8260D Certifications: NY-11301	10/24/2025 02:10	10/29/2025 01:04	CT007
107-13-1	Acrylonitrile	ND		mg/Kg	0.023	1	SW8260D Certifications: NY-11301	10/24/2025 02:10	10/29/2025 01:04	CT007
71-43-2	Benzene	ND		mg/Kg	0.0059	1	SW8260D Certifications: NY-11301	10/24/2025 02:10	10/29/2025 01:04	CT007
74-97-5	Bromochloromethane	ND		mg/Kg	0.0059	1	SW8260D Certifications: NY-11301	10/24/2025 02:10	10/29/2025 01:04	CT007
75-27-4	Bromodichloromethane	ND		mg/Kg	0.0059	1	SW8260D Certifications: NY-11301	10/24/2025 02:10	10/29/2025 01:04	CT007
75-25-2	Bromoform	ND		mg/Kg	0.0059	1	SW8260D Certifications: NY-11301	10/24/2025 02:10	10/29/2025 01:04	CT007
74-83-9	Bromomethane	ND		mg/Kg	0.0059	1	SW8260D Certifications: NY-11301	10/24/2025 02:10	10/29/2025 01:04	CT007



Sample Information

Client Sample ID: SB-14 Comp

York Sample ID: 25J1560-14

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 23, 2025 2:10 am

Date Received

10/24/2025

Analyzed by: Phoenix Environmental Labs, Inc.

SW8260D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-15-0	Carbon Disulfide	ND		mg/Kg	0.0059	1	SW8260D Certifications: NY-11301	10/24/2025 02:10	10/29/2025 01:04	CT007
56-23-5	Carbon tetrachloride	ND		mg/Kg	0.0059	1	SW8260D Certifications: NY-11301	10/24/2025 02:10	10/29/2025 01:04	CT007
108-90-7	Chlorobenzene	ND		mg/Kg	0.0059	1	SW8260D Certifications: NY-11301	10/24/2025 02:10	10/29/2025 01:04	CT007
75-00-3	Chloroethane	ND		mg/Kg	0.0059	1	SW8260D Certifications: NY-11301	10/24/2025 02:10	10/29/2025 01:04	CT007
67-66-3	Chloroform	ND		mg/Kg	0.0059	1	SW8260D Certifications: NY-11301	10/24/2025 02:10	10/29/2025 01:04	CT007
74-87-3	Chloromethane	ND		mg/Kg	0.0059	1	SW8260D Certifications: NY-11301	10/24/2025 02:10	10/29/2025 01:04	CT007
156-59-2	cis-1,2-Dichloroethene	ND		mg/Kg	0.0059	1	SW8260D Certifications: NY-11301	10/24/2025 02:10	10/29/2025 01:04	CT007
10061-01-5	cis-1,3-Dichloropropene	ND		mg/Kg	0.0059	1	SW8260D Certifications: NY-11301	10/24/2025 02:10	10/29/2025 01:04	CT007
110-82-7	Cyclohexane	ND		mg/Kg	0.0059	1	SW8260D Certifications: NY-11301	10/24/2025 02:10	10/29/2025 01:04	CT007
124-48-1	Dibromochloromethane	ND		mg/Kg	0.0059	1	SW8260D Certifications: NY-11301	10/24/2025 02:10	10/29/2025 01:04	CT007
74-95-3	Dibromomethane	ND		mg/Kg	0.0059	1	SW8260D Certifications: NY-11301	10/24/2025 02:10	10/29/2025 01:04	CT007
75-71-8	Dichlorodifluoromethane	ND		mg/Kg	0.0059	1	SW8260D Certifications: NY-11301	10/24/2025 02:10	10/29/2025 01:04	CT007
100-41-4	Ethylbenzene	ND		mg/Kg	0.0059	1	SW8260D Certifications: NY-11301	10/24/2025 02:10	10/29/2025 01:04	CT007
87-68-3	Hexachlorobutadiene	ND		mg/Kg	0.0059	1	SW8260D Certifications: NY-11301	10/24/2025 02:10	10/29/2025 01:04	CT007
98-82-8	Isopropylbenzene	ND		mg/Kg	0.0059	1	SW8260D Certifications: NY-11301	10/24/2025 02:10	10/29/2025 01:04	CT007
179601-23-1	m&p-Xylene	ND		mg/Kg	0.0059	1	SW8260D Certifications: NY-11301	10/24/2025 02:10	10/29/2025 01:04	CT007
78-93-3	Methyl ethyl ketone	ND		mg/Kg	0.035	1	SW8260D Certifications: NY-11301	10/24/2025 02:10	10/29/2025 01:04	CT007
1634-04-4	Methyl t-butyl ether (MTBE)	ND		mg/Kg	0.012	1	SW8260D Certifications: NY-11301	10/24/2025 02:10	10/29/2025 01:04	CT007
79-20-9	Methylacetate	ND		mg/Kg	0.059	1	SW8260D Certifications: NY-11301	10/24/2025 02:10	10/29/2025 01:04	CT007
108-87-2	Methylcyclohexane	ND		mg/Kg	0.0059	1	SW8260D Certifications: NY-11301	10/24/2025 02:10	10/29/2025 01:04	CT007
75-09-2	Methylene chloride	ND		mg/Kg	0.029	1	SW8260D Certifications: NY-11301	10/24/2025 02:10	10/29/2025 01:04	CT007
104-51-8	n-Butylbenzene	ND		mg/Kg	0.0059	1	SW8260D Certifications: NY-11301	10/24/2025 02:10	10/29/2025 01:04	CT007
103-65-1	n-Propylbenzene	ND		mg/Kg	0.0059	1	SW8260D Certifications: NY-11301	10/24/2025 02:10	10/29/2025 01:04	CT007



Sample Information

Client Sample ID: SB-14 Comp

York Sample ID: 25J1560-14

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 23, 2025 2:10 am

Date Received

10/24/2025

Analyzed by: Phoenix Environmental Labs, Inc.

SW8260D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-47-6	o-Xylene	ND		mg/Kg	0.0059	1	SW8260D Certifications: NY-11301	10/24/2025 02:10	10/29/2025 01:04	CT007
99-87-6	p-Isopropyltoluene	ND		mg/Kg	0.0059	1	SW8260D Certifications: NY-11301	10/24/2025 02:10	10/29/2025 01:04	CT007
135-98-8	sec-Butylbenzene	ND		mg/Kg	0.0059	1	SW8260D Certifications: NY-11301	10/24/2025 02:10	10/29/2025 01:04	CT007
100-42-5	Styrene	ND		mg/Kg	0.0059	1	SW8260D Certifications: NY-11301	10/24/2025 02:10	10/29/2025 01:04	CT007
75-65-0	Tert-butyl alcohol	ND		mg/Kg	0.12	1	SW8260D Certifications: NY-11301	10/24/2025 02:10	10/29/2025 01:04	CT007
98-06-6	tert-Butylbenzene	ND		mg/Kg	0.0059	1	SW8260D Certifications: NY-11301	10/24/2025 02:10	10/29/2025 01:04	CT007
127-18-4	Tetrachloroethene	ND		mg/Kg	0.0059	1	SW8260D Certifications: NY-11301	10/24/2025 02:10	10/29/2025 01:04	CT007
108-88-3	Toluene	ND		mg/Kg	0.0059	1	SW8260D Certifications: NY-11301	10/24/2025 02:10	10/29/2025 01:04	CT007
1330-20-7	Total Xylenes	ND		mg/Kg	0.0059	1	SW8260D Certifications: NY-11301	10/24/2025 02:10	10/29/2025 01:04	CT007
156-60-5	trans-1,2-Dichloroethene	ND		mg/Kg	0.0059	1	SW8260D Certifications: NY-11301	10/24/2025 02:10	10/29/2025 01:04	CT007
10061-02-6	trans-1,3-Dichloropropene	ND		mg/Kg	0.0059	1	SW8260D Certifications: NY-11301	10/24/2025 02:10	10/29/2025 01:04	CT007
110-57-6	trans-1,4-dichloro-2-butene	ND		mg/Kg	0.012	1	SW8260D Certifications: NY-11301	10/24/2025 02:10	10/29/2025 01:04	CT007
79-01-6	Trichloroethene	ND		mg/Kg	0.0059	1	SW8260D Certifications: NY-11301	10/24/2025 02:10	10/29/2025 01:04	CT007
75-69-4	Trichlorofluoromethane	ND		mg/Kg	0.0059	1	SW8260D Certifications: NY-11301	10/24/2025 02:10	10/29/2025 01:04	CT007
76-13-1	Trichlorotrifluoroethane	ND		mg/Kg	0.0059	1	SW8260D Certifications: NY-11301	10/24/2025 02:10	10/29/2025 01:04	CT007
75-01-4	Vinyl chloride	ND		mg/Kg	0.0059	1	SW8260D Certifications: NY-11301	10/24/2025 02:10	10/29/2025 01:04	CT007
Surrogate Recoveries		Result	Acceptance Range							
2199-69-1	Surrogate: % 1,2-dichlorobenzene-d4	100 %	70-130							
460-00-4	Surrogate: % Bromofluorobenzene	97 %	70-130							
1868-53-7	Surrogate: % Dibromofluoromethane	95 %	70-130							
2037-26-5	Surrogate: % Toluene-d8	96 %	70-130							

SW846-%Solid

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SW846-%Solid

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



Sample Information

Client Sample ID: SB-14 Comp

York Sample ID: 25J1560-14

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 23, 2025 2:10 am

Date Received

10/24/2025

Analyzed by: Phoenix Environmental Labs, Inc.

SW846-%Solid

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SW846-%Solid

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
PHNX - PCTSOI	Percent Solid	87		%		1	SW846-%Solid Certifications: NY-11301	10/24/2025 02:10	10/27/2025 23:30	CT007

Sample Information

Client Sample ID: SB-12 0-2

York Sample ID: 25J1560-15

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 3:10 am

Date Received

10/24/2025

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	0.528	0.541	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/06/2025 00:18	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	0.0947	0.239	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/06/2025 00:18	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0676	0.271	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/06/2025 00:18	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.149	0.271	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/06/2025 00:18	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0947	0.248	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/06/2025 00:18	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.0947	0.271	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/06/2025 00:18	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	0.116	J	ug/kg dry	0.0947	0.252	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/06/2025 00:18	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.189	0.271	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/06/2025 00:18	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.108	0.271	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/06/2025 00:18	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.149	0.271	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/06/2025 00:18	AM



Sample Information

Client Sample ID: SB-12 0-2

York Sample ID: 25J1560-15

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 3:10 am

Date Received

10/24/2025

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
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.108	0.271	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/06/2025 00:18	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.149	0.271	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/06/2025 00:18	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.176	0.271	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/06/2025 00:18	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.108	0.271	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/06/2025 00:18	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.676	0.676	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/06/2025 00:18	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.108	0.541	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/06/2025 00:18	AM
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0406	0.271	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/06/2025 00:18	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0947	0.271	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/06/2025 00:18	AM
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0812	0.261	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/06/2025 00:18	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.244	1.03	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/06/2025 00:18	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.216	1.04	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/06/2025 00:18	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.216	1.08	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/06/2025 00:18	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND		ug/kg dry	0.0812	0.482	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/06/2025 00:18	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0541	0.541	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/06/2025 00:18	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.162	0.541	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/06/2025 00:18	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.0947	0.254	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/06/2025 00:18	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.298	1.01	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/06/2025 00:18	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ug/kg dry	0.311	1.08	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/06/2025 00:18	AM
763051-92-9	11CL-PF3OUdS	ND		ug/kg dry	0.298	1.02	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/06/2025 00:18	AM
756426-58-1	9CL-PF3ONS	ND		ug/kg dry	0.365	1.01	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/06/2025 00:18	AM
919005-14-4	ADONA	ND		ug/kg dry	0.352	1.02	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/06/2025 00:18	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.203	0.262	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/06/2025 00:18	AM



Sample Information

Client Sample ID: SB-12 0-2

York Sample ID: 25J1560-15

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 3:10 am

Date Received

10/24/2025

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
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.189	0.260	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/06/2025 00:18	AM
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.433	1.35	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/06/2025 00:18	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	0.988	6.76	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/06/2025 00:18	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.27	6.76	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/06/2025 00:18	AM
24448-09-7	N-MeFOSE	ND		ug/kg dry	0.988	2.71	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/06/2025 00:18	AM
31506-32-8	N-MeFOSA	ND		ug/kg dry	0.176	0.271	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/06/2025 00:18	AM
1691-99-2	N-EtFOSE	ND		ug/kg dry	0.622	2.71	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/06/2025 00:18	AM
4151-50-2	N-EtFOSA	ND		ug/kg dry	0.122	0.271	1	EPA 1633A Certifications: NYSDOH-NY12058	11/03/2025 09:36	11/06/2025 00:18	AM
Surrogate Recoveries		Result	Acceptance Range								
M3PFBS	Surrogate: M3PFBS	107 %	40-135								
338-30-1	Surrogate: M5PFHxA	94.5 %	40-130								
13C4PFHPA	Surrogate: M4PFHpA	82.9 %	40-130								
13C3PFHXS	Surrogate: M3PFHxS	111 %	40-130								
13C8PFOA	Surrogate: Perfluoro-n- [13C8]octanoic acid (M8PFOA)	94.6 %	40-130								
13C6PFDA	Surrogate: M6PFDA	81.9 %	40-130								
13C7PFUNA	Surrogate: M7PFUdA	81.9 %	40-130								
960315-52-0	Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)	68.4 %	40-130								
13C2PFTEDA	Surrogate: M2PFTeDA	68.4 %	20-130								
13C4PFBA	Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	96.2 %	8-130								
13C8PFOS	Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	103 %	40-130								
13C5PFPEA	Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	93.9 %	35-130								
13C8FOSA	Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	109 %	40-130								
D3-NMEFOSAA	Surrogate: d3-N-MeFOSAA	93.3 %	40-135								
D5-NETFOSAA	Surrogate: d5-N-EtFOSAA	90.7 %	40-150								
M2-6:2FTS	Surrogate: M2-6:2 FTS	123 %	40-215								
M2-8:2FTS	Surrogate: M2-8:2 FTS	135 %	40-275								
13C9PFNA	Surrogate: M9PFNA	91.8 %	40-130								
M2-4:2FTS	Surrogate: M2-4:2 FTS	125 %	40-165								
936109-37-4	Surrogate: d-N-MeFOSA	78.6 %	10-130								



Sample Information

Client Sample ID: SB-12 0-2

York Sample ID: 25J1560-15

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 3:10 am

Date Received

10/24/2025

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
936109-40-9	Surrogate: d-N-EtFOSA	77.3 %			10-130						
M3HFPO-DA	Surrogate: M3HFPO-DA	114 %			40-130						
D9-NETPFOSA	Surrogate: d9-N-EtFOSE	78.1 %			15-130						
D7-NMEPFOSA	Surrogate: d7-N-MeFOSE	89.7 %			20-130						

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	73.9		%	0.100	1	SM 2540G Certifications: CTDPH-PH-0840	10/27/2025 16:54	10/27/2025 17:04	DD2

Sample Information

Client Sample ID: SB-12 2-12

York Sample ID: 25J1560-16

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 3:10 am

Date Received

10/24/2025

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	0.449	0.460	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 20:36	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		ug/kg dry	0.0806	0.204	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 20:36	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	0.170	J	ug/kg dry	0.0575	0.230	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 20:36	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	0.211	J	ug/kg dry	0.127	0.230	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 20:36	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0806	0.211	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 20:36	AM
335-67-1	Perfluorooctanoic acid (PFOA)	0.639	PF-CC V-H	ug/kg dry	0.0806	0.230	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 20:36	AM



Sample Information

Client Sample ID: SB-12 2-12

York Sample ID: 25J1560-16

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25J1560

HPN Runway Env Management (JA257006)

Soil

October 24, 2025 3:10 am

10/24/2025

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
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	0.626		ug/kg dry	0.0806	0.214	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 20:36	AM
375-95-1	Perfluorononanoic acid (PFNA)	0.431		ug/kg dry	0.161	0.230	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 20:36	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.0921	0.230	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 20:36	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	0.171	J	ug/kg dry	0.127	0.230	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 20:36	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	0.0957	J	ug/kg dry	0.0921	0.230	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 20:36	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	0.127	J	ug/kg dry	0.127	0.230	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 20:36	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.150	0.230	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 20:36	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.0921	0.230	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 20:36	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.575	0.575	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 20:36	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	0.257	J	ug/kg dry	0.0921	0.460	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 20:36	AM
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0345	0.230	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 20:36	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0806	0.230	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 20:36	AM
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0691	0.222	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 20:36	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.207	0.875	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 20:36	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.184	0.884	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 20:36	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.184	0.921	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 20:36	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND		ug/kg dry	0.0691	0.410	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 20:36	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0460	0.460	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 20:36	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.138	0.460	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 20:36	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.0806	0.216	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 20:36	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.253	0.863	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 20:36	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ug/kg dry	0.265	0.921	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 20:36	AM



Sample Information

Client Sample ID: SB-12 2-12

York Sample ID: 25J1560-16

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 3:10 am

Date Received

10/24/2025

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
763051-92-9	11CL-PF3OUdS	ND		ug/kg dry	0.253	0.870	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 20:36	AM
756426-58-1	9CL-PF3ONS	ND		ug/kg dry	0.311	0.861	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 20:36	AM
919005-14-4	ADONA	ND		ug/kg dry	0.299	0.870	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 20:36	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND	PF-CC V-L	ug/kg dry	0.173	0.223	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 20:36	AM
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.161	0.221	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 20:36	AM
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.368	1.15	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 20:36	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	0.840	5.75	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 20:36	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.08	5.75	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 20:36	AM
24448-09-7	N-MeFOSE	ND		ug/kg dry	0.840	2.30	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 20:36	AM
31506-32-8	N-MeFOSA	ND		ug/kg dry	0.150	0.230	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 20:36	AM
1691-99-2	N-EtFOSE	ND		ug/kg dry	0.529	2.30	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 20:36	AM
4151-50-2	N-EtFOSA	ND		ug/kg dry	0.104	0.230	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 20:36	AM

Surrogate Recoveries		Result	Acceptance Range
M3PFBS	Surrogate: M3PFBS	84.6 %	40-135
338-30-1	Surrogate: M5PFHxA	77.7 %	40-130
13C4PFHPA	Surrogate: M4PFHpA	77.7 %	40-130
13C3PFHXS	Surrogate: M3PFHxS	77.9 %	40-130
13C8PFOA	Surrogate: Perfluoro-n- [13C8]octanoic acid (M8PFOA)	75.7 %	40-130
13C6PFDA	Surrogate: M6PFDA	74.2 %	40-130
13C7PFUNA	Surrogate: M7PFUdA	80.1 %	40-130
960315-52-0	Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)	65.3 %	40-130
13C2PFTEDA	Surrogate: M2PFTeDA	65.0 %	20-130
13C4PFBA	Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	81.5 %	8-130
13C8PFOS	Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	78.4 %	40-130
13C5PFPEA	Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	74.7 %	35-130
13C8FOSA	Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	92.5 %	40-130



Sample Information

Client Sample ID: SB-12 2-12

York Sample ID: 25J1560-16

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 3:10 am

Date Received

10/24/2025

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
D3-NMEFOSAA	Surrogate: d3-N-MeFOSAA	73.2 %			40-135						
D5-NETFOSAA	Surrogate: d5-N-EtFOSAA	72.6 %			40-150						
M2-6:2FTS	Surrogate: M2-6:2 FTS	96.0 %			40-215						
M2-8:2FTS	Surrogate: M2-8:2 FTS	79.9 %			40-275						
13C9PFNA	Surrogate: M9PFNA	75.2 %			40-130						
M2-4:2FTS	Surrogate: M2-4:2 FTS	96.9 %			40-165						
936109-37-4	Surrogate: d-N-MeFOSA	67.1 %			10-130						
936109-40-9	Surrogate: d-N-EtFOSA	70.5 %			10-130						
M3HFPO-DA	Surrogate: M3HFPO-DA	79.3 %			40-130						
D9-NETPFOSA	Surrogate: d9-N-EtFOSE	75.0 %			15-130						
D7-NMEPFOSA	Surrogate: d7-N-MeFOSE	77.1 %			20-130						

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	86.9		%	0.100	1	SM 2540G Certifications: CTDPH-PH-0840	10/27/2025 16:54	10/27/2025 17:04	DD2

Sample Information

Client Sample ID: SB-12 12-24

York Sample ID: 25J1560-17

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 3:10 am

Date Received

10/24/2025

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	0.429	0.440	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 20:50	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	11/05/2025 14:35	11/08/2025 20:50	AM



Sample Information

Client Sample ID: SB-12 12-24

York Sample ID: 25J1560-17

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25J1560

HPN Runway Env Management (JA257006)

Soil

October 24, 2025 3:10 am

10/24/2025

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
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0550	0.220	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 20:50	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.121	0.220	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 20:50	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0770	0.201	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 20:50	AM
335-67-1	Perfluorooctanoic acid (PFOA)	0.129	J	ug/kg dry	0.0770	0.220	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 20:50	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.0770	0.205	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 20:50	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.154	0.220	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 20:50	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.0880	0.220	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 20:50	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.121	0.220	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 20:50	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0880	0.220	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 20:50	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.121	0.220	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 20:50	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.143	0.220	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 20:50	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.0880	0.220	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 20:50	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.550	0.550	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 20:50	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.0880	0.440	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 20:50	AM
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0330	0.220	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 20:50	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0770	0.220	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 20:50	AM
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0660	0.212	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 20:50	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	11/05/2025 14:35	11/08/2025 20:50	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	11/05/2025 14:35	11/08/2025 20:50	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.176	0.880	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 20:50	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND		ug/kg dry	0.0660	0.392	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 20:50	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0440	0.440	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 20:50	AM



Sample Information

Client Sample ID: SB-12 12-24

York Sample ID: 25J1560-17

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 3:10 am

Date Received

10/24/2025

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
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.132	0.440	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 20:50	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.0770	0.207	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 20:50	AM
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	11/05/2025 14:35	11/08/2025 20:50	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ug/kg dry	0.253	0.880	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 20:50	AM
763051-92-9	11CL-PF3OUdS	ND		ug/kg dry	0.242	0.832	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 20:50	AM
756426-58-1	9CL-PF3ONS	ND		ug/kg dry	0.297	0.823	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 20:50	AM
919005-14-4	ADONA	ND		ug/kg dry	0.286	0.832	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 20:50	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND	PF-CC V-L	ug/kg dry	0.165	0.213	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 20:50	AM
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.154	0.211	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 20:50	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	11/05/2025 14:35	11/08/2025 20:50	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	11/05/2025 14:35	11/08/2025 20:50	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	11/05/2025 14:35	11/08/2025 20:50	AM
24448-09-7	N-MeFOSE	ND		ug/kg dry	0.803	2.20	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 20:50	AM
31506-32-8	N-MeFOSA	ND		ug/kg dry	0.143	0.220	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 20:50	AM
1691-99-2	N-EtFOSE	ND		ug/kg dry	0.506	2.20	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 20:50	AM
4151-50-2	N-EtFOSA	ND		ug/kg dry	0.0990	0.220	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 20:50	AM
Surrogate Recoveries		Result	Acceptance Range								
M3PFBS	Surrogate: M3PFBS	93.3 %	40-135								
338-30-1	Surrogate: M5PFHxA	79.2 %	40-130								
13C4PFHPA	Surrogate: M4PFHpA	77.3 %	40-130								
13C3PFHXS	Surrogate: M3PFHxS	92.3 %	40-130								
13C8PFOA	Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	75.6 %	40-130								
13C6PFDA	Surrogate: M6PFDA	72.1 %	40-130								
13C7PFUNA	Surrogate: M7PFUdA	74.0 %	40-130								
960315-52-0	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	62.5 %	40-130								



Sample Information

Client Sample ID: SB-12 12-24

York Sample ID: 25J1560-17

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 3:10 am

Date Received

10/24/2025

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
13C2PFTEDA	Surrogate: M2PFTEDA	61.3 %			20-130						
13C4PFBA	Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	83.1 %			8-130						
13C8PFOS	Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	69.5 %			40-130						
13C5PFPEA	Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	77.0 %			35-130						
13C8FOSA	Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	75.9 %			40-130						
D3-NMEFOSAA	Surrogate: d3-N-MeFOSAA	60.8 %			40-135						
D5-NETFOSAA	Surrogate: d5-N-EtFOSAA	57.9 %			40-150						
M2-6:2FTS	Surrogate: M2-6:2 FTS	99.2 %			40-215						
M2-8:2FTS	Surrogate: M2-8:2 FTS	87.3 %			40-275						
13C9PFNA	Surrogate: M9PFNA	80.5 %			40-130						
M2-4:2FTS	Surrogate: M2-4:2 FTS	99.8 %			40-165						
936109-37-4	Surrogate: d-N-MeFOSA	59.7 %			10-130						
936109-40-9	Surrogate: d-N-EtFOSA	60.7 %			10-130						
M3HFPO-DA	Surrogate: M3HFPO-DA	82.8 %			40-130						
D9-NETPFOSA	Surrogate: d9-N-EtFOSE	56.4 %			15-130						
D7-NMEPFOSA	Surrogate: d7-N-MeFOSE	60.4 %			20-130						

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	90.9		%	0.100	1	SM 2540G	10/27/2025 16:54	10/27/2025 17:04	DD2
							Certifications:	CTDPH-PH-0840		

Sample Information

Client Sample ID: SB-12 COMP

York Sample ID: 25J1560-18

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 3:30 am

Date Received

10/24/2025

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



Sample Information

Client Sample ID: SB-12 COMP

York Sample ID: 25J1560-18

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 3:30 am

Date Received

10/24/2025

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	0.0466	0.0930	2	EPA 8270E Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 20:06	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0930	0.186	2	EPA 8270E Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 20:06	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 20:06	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 20:06	SS
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 20:06	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 20:06	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 20:06	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0930	0.186	2	EPA 8270E Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 20:06	SS
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 20:06	SS
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 20:06	SS
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 20:06	SS
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 20:06	SS
51-28-5	2,4-Dinitrophenol	ND	CAL-E, CCVE	mg/kg dry	0.0930	0.186	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 20:06	SS
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 20:06	SS
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 20:06	SS
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 20:06	SS
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 20:06	SS
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 20:06	SS
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 20:06	SS
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0930	0.186	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 20:06	SS
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 20:06	SS
65794-96-9	* 3- & 4-Methylphenols	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications: CTDPH-PH-0840	10/27/2025 09:19	10/29/2025 20:06	SS
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 09:19	10/29/2025 20:06	SS



Sample Information

Client Sample ID: SB-12 COMP

York Sample ID: 25J1560-18

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 3:30 am

Date Received

10/24/2025

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	0.0930	0.186	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 20:06	SS
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0930	0.186	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 20:06	SS
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 20:06	SS
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 20:06	SS
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 20:06	SS
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 20:06	SS
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0930	0.186	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 20:06	SS
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0930	0.186	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 20:06	SS
83-32-9	Acenaphthene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 20:06	SS
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 20:06	SS
98-86-2	Acetophenone	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 20:06	SS
62-53-3	Aniline	ND		mg/kg dry	0.186	0.373	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 20:06	SS
120-12-7	Anthracene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 20:06	SS
1912-24-9	Atrazine	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 20:06	SS
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 20:06	SS
92-87-5	Benzidine	ND	CAL-E	mg/kg dry	0.186	0.373	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 20:06	SS
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 20:06	SS
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 20:06	SS
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 20:06	SS
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 20:06	SS
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 20:06	SS
65-85-0	Benzoic acid	ND	CAL-E, CCVE	mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 20:06	SS
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 20:06	SS



Sample Information

Client Sample ID: SB-12 COMP

York Sample ID: 25J1560-18

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 3:30 am

Date Received

10/24/2025

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	0.0466	0.0930	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 20:06	SS
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 20:06	SS
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 20:06	SS
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 20:06	SS
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 20:06	SS
105-60-2	Caprolactam	ND		mg/kg dry	0.0930	0.186	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 20:06	SS
86-74-8	Carbazole	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 20:06	SS
218-01-9	Chrysene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 20:06	SS
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 20:06	SS
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 20:06	SS
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 20:06	SS
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 20:06	SS
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 20:06	SS
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 20:06	SS
122-39-4	Diphenylamine	ND		mg/kg dry	0.0930	0.186	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 20:06	SS
206-44-0	Fluoranthene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 20:06	SS
86-73-7	Fluorene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 20:06	SS
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 20:06	SS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 20:06	SS
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 20:06	SS
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 20:06	SS
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 20:06	SS
78-59-1	Isophorone	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications:	10/27/2025 09:19	10/29/2025 20:06	SS



Sample Information

Client Sample ID: SB-12 COMP

York Sample ID: 25J1560-18

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 3:30 am

Date Received

10/24/2025

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
91-20-3	Naphthalene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10	10/27/2025 09:19	10/29/2025 20:06	SS
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10	10/27/2025 09:19	10/29/2025 20:06	SS
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10	10/27/2025 09:19	10/29/2025 20:06	SS
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10	10/27/2025 09:19	10/29/2025 20:06	SS
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10	10/27/2025 09:19	10/29/2025 20:06	SS
87-86-5	Pentachlorophenol	ND	CAL-E, CCVE	mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10	10/27/2025 09:19	10/29/2025 20:06	SS
85-01-8	Phenanthrene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10	10/27/2025 09:19	10/29/2025 20:06	SS
108-95-2	Phenol	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10	10/27/2025 09:19	10/29/2025 20:06	SS
129-00-0	Pyrene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10	10/27/2025 09:19	10/29/2025 20:06	SS
Surrogate Recoveries		Result		Acceptance Range							
367-12-4	Surrogate: SURR: 2-Fluorophenol	36.1 %									
13127-88-3	Surrogate: SURR: Phenol-d6	30.8 %									
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	21.4 %	S-08								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	25.9 %									
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	23.4 %									
1718-51-0	Surrogate: SURR: Terphenyl-d14	26.6 %									

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	20.0	1	EPA 8270D SIM Certifications: NYSDOH-NY10854	10/29/2025 09:22	11/03/2025 16:52	SS
Surrogate Recoveries		Result		Acceptance Range						
17647-74-4	Surrogate: 1,4-Dioxane-d8	94.0 %								

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 08:46	10/27/2025 20:54	GXB



Sample Information

Client Sample ID: SB-12 COMP

York Sample ID: 25J1560-18

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
25J1560	HPN Runway Env Management (JA257006)	Soil	October 24, 2025 3:30 am	10/24/2025

12674-11-2	Aroclor 1016	ND	mg/kg dry	0.0186	1	EPA 8082A Certifications:	10/27/2025 08:43 NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0	10/27/2025 21:21	NF
11104-28-2	Aroclor 1221	ND	mg/kg dry	0.0186	1	EPA 8082A Certifications:	10/27/2025 08:43 NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0	10/27/2025 21:21	NF
11141-16-5	Aroclor 1232	ND	mg/kg dry	0.0186	1	EPA 8082A Certifications:	10/27/2025 08:43 NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0	10/27/2025 21:21	NF
53469-21-9	Aroclor 1242	ND	mg/kg dry	0.0186	1	EPA 8082A Certifications:	10/27/2025 08:43 NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0	10/27/2025 21:21	NF
12672-29-6	Aroclor 1248	ND	mg/kg dry	0.0186	1	EPA 8082A Certifications:	10/27/2025 08:43 NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0	10/27/2025 21:21	NF
11097-69-1	Aroclor 1254	ND	mg/kg dry	0.0186	1	EPA 8082A Certifications:	10/27/2025 08:43 NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0	10/27/2025 21:21	NF
11096-82-5	Aroclor 1260	ND	mg/kg dry	0.0186	1	EPA 8082A Certifications:	10/27/2025 08:43 NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0	10/27/2025 21:21	NF
1336-36-3	* Total PCBs	ND	mg/kg dry	0.0186	1	EPA 8082A Certifications:	10/27/2025 08:43	10/27/2025 21:21	NF
Surrogate Recoveries		Result	Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	65.0 %	30-120						
2051-24-3	Surrogate: Decachlorobiphenyl	75.5 %	30-120						

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/kg dry	22.2	1	EPA 8151A Certifications:	10/27/2025 08:37 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/28/2025 14:52	gxb
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	22.2	1	EPA 8151A Certifications:	10/27/2025 08:37 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/28/2025 14:52	gxb
94-75-7	2,4-D	ND		ug/kg dry	22.2	1	EPA 8151A Certifications:	10/27/2025 08:37 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/28/2025 14:52	gxb
Surrogate Recoveries		Result	Acceptance Range							
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	68.4 %	21-150							

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	9240		mg/kg dry	4.68	1	EPA 6010D Certifications:	10/28/2025 08:24 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/28/2025 15:19	AGNR
7440-36-0	Antimony	ND		mg/kg dry	2.34	1	EPA 6010D Certifications:	10/28/2025 08:24 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/28/2025 15:19	AGNR
7440-38-2	Arsenic	2.30		mg/kg dry	1.40	1	EPA 6010D Certifications:	10/28/2025 08:24 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/28/2025 15:19	AGNR
7440-39-3	Barium	90.8		mg/kg dry	2.34	1	EPA 6010D Certifications:	10/28/2025 08:24 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/28/2025 15:19	AGNR



Sample Information

Client Sample ID: SB-12 COMP

York Sample ID: 25J1560-18

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 3:30 am

Date Received

10/24/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-41-7	Beryllium	ND		mg/kg dry	0.047	1	EPA 6010D Certifications: NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440	10/28/2025 08:24	10/28/2025 15:19	AGNR
7440-43-9	Cadmium	ND		mg/kg dry	0.281	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/28/2025 08:24	10/28/2025 15:19	AGNR
7440-70-2	Calcium	2720		mg/kg dry	4.68	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/28/2025 08:24	10/28/2025 15:19	AGNR
7440-47-3	Chromium	19.3		mg/kg dry	0.468	1	EPA 6010D Certifications: NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440	10/28/2025 08:24	10/28/2025 15:19	AGNR
7440-48-4	Cobalt	8.55		mg/kg dry	0.374	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/28/2025 08:24	10/28/2025 15:19	AGNR
7440-50-8	Copper	20.0		mg/kg dry	1.87	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/28/2025 08:24	10/28/2025 15:19	AGNR
7439-89-6	Iron	17800		mg/kg dry	23.4	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/28/2025 08:24	10/28/2025 15:19	AGNR
7439-92-1	Lead	3.34		mg/kg dry	0.468	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/28/2025 08:24	10/28/2025 15:19	AGNR
7439-95-4	Magnesium	3700		mg/kg dry	4.68	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/28/2025 08:24	10/28/2025 15:19	AGNR
7439-96-5	Manganese	280		mg/kg dry	0.468	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/28/2025 08:24	10/28/2025 15:19	AGNR
7440-02-0	Nickel	14.9		mg/kg dry	0.932	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/28/2025 08:24	10/28/2025 15:19	AGNR
7440-09-7	Potassium	3350		mg/kg dry	4.68	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/28/2025 08:24	10/28/2025 15:19	AGNR
7782-49-2	Selenium	ND		mg/kg dry	2.34	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/28/2025 08:24	10/28/2025 15:19	AGNR
7440-22-4	Silver	ND		mg/kg dry	0.472	1	EPA 6010D Certifications: NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440	10/28/2025 08:24	10/28/2025 15:19	AGNR
7440-23-5	Sodium	275		mg/kg dry	46.8	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/28/2025 08:24	10/28/2025 15:19	AGNR
7440-28-0	Thallium	ND		mg/kg dry	1.88	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/28/2025 08:24	10/28/2025 15:19	AGNR
7440-62-2	Vanadium	33.0		mg/kg dry	0.932	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/28/2025 08:24	10/28/2025 15:19	AGNR
7440-66-6	Zinc	33.3		mg/kg dry	2.33	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/28/2025 08:24	10/28/2025 15:19	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	ND		mg/kg dry	0.0337	1	EPA 7473 Certifications: NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440,CTDPH-PH-0	10/28/2025 08:44	10/28/2025 16:14	LCB



Sample Information

Client Sample ID: SB-12 COMP

York Sample ID: 25J1560-18

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 3:30 am

Date Received

10/24/2025

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	89.0		%	0.100	1	SM 2540G Certifications: CTDPH-PH-0840	10/27/2025 08:32	10/27/2025 12:45	CD

Analyzed by: Phoenix Environmental Labs, Inc.

SW8260D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SW8260D

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		mg/Kg	0.016	1	SW8260D Certifications: NY-11301	10/24/2025 03:30	10/28/2025 04:28	CT007
71-55-6	1,1,1-Trichloroethane	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/24/2025 03:30	10/28/2025 04:28	CT007
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/24/2025 03:30	10/28/2025 04:28	CT007
79-00-5	1,1,2-Trichloroethane	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/24/2025 03:30	10/28/2025 04:28	CT007
75-34-3	1,1-Dichloroethane	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/24/2025 03:30	10/28/2025 04:28	CT007
75-35-4	1,1-Dichloroethene	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/24/2025 03:30	10/28/2025 04:28	CT007
87-61-6	1,2,3-Trichlorobenzene	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/24/2025 03:30	10/28/2025 04:28	CT007
96-18-4	1,2,3-Trichloropropane	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/24/2025 03:30	10/28/2025 04:28	CT007
120-82-1	1,2,4-Trichlorobenzene	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/24/2025 03:30	10/28/2025 04:28	CT007
95-63-6	1,2,4-Trimethylbenzene	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/24/2025 03:30	10/28/2025 04:28	CT007
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/24/2025 03:30	10/28/2025 04:28	CT007
106-93-4	1,2-Dibromoethane	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/24/2025 03:30	10/28/2025 04:28	CT007
95-50-1	1,2-Dichlorobenzene	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/24/2025 03:30	10/28/2025 04:28	CT007
107-06-2	1,2-Dichloroethane	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/24/2025 03:30	10/28/2025 04:28	CT007
78-87-5	1,2-Dichloropropane	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/24/2025 03:30	10/28/2025 04:28	CT007
108-67-8	1,3,5-Trimethylbenzene	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/24/2025 03:30	10/28/2025 04:28	CT007
541-73-1	1,3-Dichlorobenzene	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/24/2025 03:30	10/28/2025 04:28	CT007



Sample Information

Client Sample ID: SB-12 COMP

York Sample ID: 25J1560-18

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 3:30 am

Date Received

10/24/2025

Analyzed by: Phoenix Environmental Labs, Inc.

SW8260D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SW8260D

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		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/24/2025 03:30	10/28/2025 04:28	CT007
591-78-6	2-Hexanone	ND		mg/Kg	0.02	1	SW8260D Certifications: NY-11301	10/24/2025 03:30	10/28/2025 04:28	CT007
108-10-1	4-Methyl-2-pentanone	ND		mg/Kg	0.02	1	SW8260D Certifications: NY-11301	10/24/2025 03:30	10/28/2025 04:28	CT007
67-64-1	Acetone	ND		mg/Kg	0.04	1	SW8260D Certifications: NY-11301	10/24/2025 03:30	10/28/2025 04:28	CT007
107-02-8	Acrolein	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/24/2025 03:30	10/28/2025 04:28	CT007
107-13-1	Acrylonitrile	ND		mg/Kg	0.016	1	SW8260D Certifications: NY-11301	10/24/2025 03:30	10/28/2025 04:28	CT007
71-43-2	Benzene	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/24/2025 03:30	10/28/2025 04:28	CT007
74-97-5	Bromochloromethane	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/24/2025 03:30	10/28/2025 04:28	CT007
75-27-4	Bromodichloromethane	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/24/2025 03:30	10/28/2025 04:28	CT007
75-25-2	Bromoform	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/24/2025 03:30	10/28/2025 04:28	CT007
74-83-9	Bromomethane	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/24/2025 03:30	10/28/2025 04:28	CT007
75-15-0	Carbon Disulfide	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/24/2025 03:30	10/28/2025 04:28	CT007
56-23-5	Carbon tetrachloride	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/24/2025 03:30	10/28/2025 04:28	CT007
108-90-7	Chlorobenzene	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/24/2025 03:30	10/28/2025 04:28	CT007
75-00-3	Chloroethane	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/24/2025 03:30	10/28/2025 04:28	CT007
67-66-3	Chloroform	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/24/2025 03:30	10/28/2025 04:28	CT007
74-87-3	Chloromethane	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/24/2025 03:30	10/28/2025 04:28	CT007
156-59-2	cis-1,2-Dichloroethene	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/24/2025 03:30	10/28/2025 04:28	CT007
10061-01-5	cis-1,3-Dichloropropene	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/24/2025 03:30	10/28/2025 04:28	CT007
110-82-7	Cyclohexane	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/24/2025 03:30	10/28/2025 04:28	CT007
124-48-1	Dibromochloromethane	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/24/2025 03:30	10/28/2025 04:28	CT007
74-95-3	Dibromomethane	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/24/2025 03:30	10/28/2025 04:28	CT007
75-71-8	Dichlorodifluoromethane	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/24/2025 03:30	10/28/2025 04:28	CT007



Sample Information

Client Sample ID: SB-12 COMP

York Sample ID: 25J1560-18

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 3:30 am

Date Received

10/24/2025

Analyzed by: Phoenix Environmental Labs, Inc.

SW8260D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethylbenzene	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/24/2025 03:30	10/28/2025 04:28	CT007
87-68-3	Hexachlorobutadiene	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/24/2025 03:30	10/28/2025 04:28	CT007
98-82-8	Isopropylbenzene	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/24/2025 03:30	10/28/2025 04:28	CT007
179601-23-1	m&p-Xylene	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/24/2025 03:30	10/28/2025 04:28	CT007
78-93-3	Methyl ethyl ketone	ND		mg/Kg	0.024	1	SW8260D Certifications: NY-11301	10/24/2025 03:30	10/28/2025 04:28	CT007
1634-04-4	Methyl t-butyl ether (MTBE)	ND		mg/Kg	0.008	1	SW8260D Certifications: NY-11301	10/24/2025 03:30	10/28/2025 04:28	CT007
79-20-9	Methylacetate	ND		mg/Kg	0.04	1	SW8260D Certifications: NY-11301	10/24/2025 03:30	10/28/2025 04:28	CT007
108-87-2	Methylcyclohexane	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/24/2025 03:30	10/28/2025 04:28	CT007
75-09-2	Methylene chloride	ND		mg/Kg	0.02	1	SW8260D Certifications: NY-11301	10/24/2025 03:30	10/28/2025 04:28	CT007
104-51-8	n-Butylbenzene	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/24/2025 03:30	10/28/2025 04:28	CT007
103-65-1	n-Propylbenzene	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/24/2025 03:30	10/28/2025 04:28	CT007
95-47-6	o-Xylene	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/24/2025 03:30	10/28/2025 04:28	CT007
99-87-6	p-Isopropyltoluene	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/24/2025 03:30	10/28/2025 04:28	CT007
135-98-8	sec-Butylbenzene	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/24/2025 03:30	10/28/2025 04:28	CT007
100-42-5	Styrene	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/24/2025 03:30	10/28/2025 04:28	CT007
75-65-0	Tert-butyl alcohol	ND		mg/Kg	0.08	1	SW8260D Certifications: NY-11301	10/24/2025 03:30	10/28/2025 04:28	CT007
98-06-6	tert-Butylbenzene	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/24/2025 03:30	10/28/2025 04:28	CT007
127-18-4	Tetrachloroethene	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/24/2025 03:30	10/28/2025 04:28	CT007
108-88-3	Toluene	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/24/2025 03:30	10/28/2025 04:28	CT007
1330-20-7	Total Xylenes	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/24/2025 03:30	10/28/2025 04:28	CT007
156-60-5	trans-1,2-Dichloroethene	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/24/2025 03:30	10/28/2025 04:28	CT007
10061-02-6	trans-1,3-Dichloropropene	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/24/2025 03:30	10/28/2025 04:28	CT007
110-57-6	trans-1,4-dichloro-2-butene	ND		mg/Kg	0.008	1	SW8260D Certifications: NY-11301	10/24/2025 03:30	10/28/2025 04:28	CT007



Sample Information

Client Sample ID: SB-12 COMP

York Sample ID: 25J1560-18

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 3:30 am

Date Received

10/24/2025

Analyzed by: Phoenix Environmental Labs, Inc.

SW8260D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-01-6	Trichloroethene	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/24/2025 03:30	10/28/2025 04:28	CT007
75-69-4	Trichlorofluoromethane	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/24/2025 03:30	10/28/2025 04:28	CT007
76-13-1	Trichlorotrifluoroethane	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/24/2025 03:30	10/28/2025 04:28	CT007
75-01-4	Vinyl chloride	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/24/2025 03:30	10/28/2025 04:28	CT007
Surrogate Recoveries		Result		Acceptance Range						
2199-69-1	Surrogate: % 1,2-dichlorobenzene-d4	99 %		70-130						
460-00-4	Surrogate: % Bromofluorobenzene	95 %		70-130						
1868-53-7	Surrogate: % Dibromofluoromethane	85 %		70-130						
2037-26-5	Surrogate: % Toluene-d8	102 %		70-130						

SW846-%Solid

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SW846-%Solid

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
PHNX - PCTSOI	Percent Solid	92		%		1	SW846-%Solid Certifications: NY-11301	10/24/2025 03:30	10/27/2025 23:30	CT007

Sample Information

Client Sample ID: RINSATE (PFAS)

York Sample ID: 25J1560-20

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Water

Collection Date/Time

October 24, 2025 12:00 am

Date Received

10/24/2025

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	1.64	1.81	1	EPA 1633A Certifications: NYSDOH-NY12058	10/28/2025 12:17	11/02/2025 02:06	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.511	2.04	1	EPA 1633A Certifications: NYSDOH-NY12058	10/28/2025 12:17	11/02/2025 02:06	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.716	2.04	1	EPA 1633A Certifications: NYSDOH-NY12058	10/28/2025 12:17	11/02/2025 02:06	AM



Sample Information

Client Sample ID: RINSATE (PFAS)

York Sample ID: 25J1560-20

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Water

Collection Date/Time

October 24, 2025 12:00 am

Date Received

10/24/2025

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		ng/L	0.910	1.87	1	EPA 1633A Certifications: NYSDOH-NY12058	10/28/2025 12:17	11/02/2025 02:06	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ng/L	1.02	2.04	1	EPA 1633A Certifications: NYSDOH-NY12058	10/28/2025 12:17	11/02/2025 02:06	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.777	1.90	1	EPA 1633A Certifications: NYSDOH-NY12058	10/28/2025 12:17	11/02/2025 02:06	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	1.01	2.04	1	EPA 1633A Certifications: NYSDOH-NY12058	10/28/2025 12:17	11/02/2025 02:06	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.583	2.04	1	EPA 1633A Certifications: NYSDOH-NY12058	10/28/2025 12:17	11/02/2025 02:06	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	0.726	2.04	1	EPA 1633A Certifications: NYSDOH-NY12058	10/28/2025 12:17	11/02/2025 02:06	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.613	2.04	1	EPA 1633A Certifications: NYSDOH-NY12058	10/28/2025 12:17	11/02/2025 02:06	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	1.23	2.04	1	EPA 1633A Certifications: NYSDOH-NY12058	10/28/2025 12:17	11/02/2025 02:06	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ng/L	1.62	2.04	1	EPA 1633A Certifications: NYSDOH-NY12058	10/28/2025 12:17	11/02/2025 02:06	AM
2355-31-9	N-MeFOSAA	ND		ng/L	0.511	2.04	1	EPA 1633A Certifications: NYSDOH-NY12058	10/28/2025 12:17	11/02/2025 02:06	AM
2991-50-6	N-EtFOSAA	ND		ng/L	5.11	5.11	1	EPA 1633A Certifications: NYSDOH-NY12058	10/28/2025 12:17	11/02/2025 02:06	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.910	4.09	1	EPA 1633A Certifications: NYSDOH-NY12058	10/28/2025 12:17	11/02/2025 02:06	AM
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.378	2.04	1	EPA 1633A Certifications: NYSDOH-NY12058	10/28/2025 12:17	11/02/2025 02:06	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.317	1.95	1	EPA 1633A Certifications: NYSDOH-NY12058	10/28/2025 12:17	11/02/2025 02:06	AM
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	0.634	1.97	1	EPA 1633A Certifications: NYSDOH-NY12058	10/28/2025 12:17	11/02/2025 02:06	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	5.11	7.77	1	EPA 1633A Certifications: NYSDOH-NY12058	10/28/2025 12:17	11/02/2025 02:06	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.30	7.85	1	EPA 1633A Certifications: NYSDOH-NY12058	10/28/2025 12:17	11/02/2025 02:06	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	1.67	8.18	1	EPA 1633A Certifications: NYSDOH-NY12058	10/28/2025 12:17	11/02/2025 02:06	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND		ng/L	0.511	3.64	1	EPA 1633A Certifications: NYSDOH-NY12058	10/28/2025 12:17	11/02/2025 02:06	AM
151772-58-6	Perfluoro-3,6-dioxahexanoic acid (NFDHA)	ND		ng/L	3.07	4.09	1	EPA 1633A Certifications: NYSDOH-NY12058	10/28/2025 12:17	11/02/2025 02:06	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.716	4.09	1	EPA 1633A Certifications: NYSDOH-NY12058	10/28/2025 12:17	11/02/2025 02:06	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	1.43	4.09	1	EPA 1633A Certifications: NYSDOH-NY12058	10/28/2025 12:17	11/02/2025 02:06	AM



Sample Information

Client Sample ID: RINSATE (PFAS)

York Sample ID: 25J1560-20

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Water

Collection Date/Time

October 24, 2025 12:00 am

Date Received

10/24/2025

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
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.767	1.92	1	EPA 1633A Certifications: NYSDOH-NY12058	10/28/2025 12:17	11/02/2025 02:06	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	2.88	7.67	1	EPA 1633A Certifications: NYSDOH-NY12058	10/28/2025 12:17	11/02/2025 02:06	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	5.11	8.18	1	EPA 1633A Certifications: NYSDOH-NY12058	10/28/2025 12:17	11/02/2025 02:06	AM
763051-92-9	11CL-PF3OUdS	ND		ng/L	2.28	7.73	1	EPA 1633A Certifications: NYSDOH-NY12058	10/28/2025 12:17	11/02/2025 02:06	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	2.81	7.65	1	EPA 1633A Certifications: NYSDOH-NY12058	10/28/2025 12:17	11/02/2025 02:06	AM
919005-14-4	ADONA	ND		ng/L	3.04	7.73	1	EPA 1633A Certifications: NYSDOH-NY12058	10/28/2025 12:17	11/02/2025 02:06	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.910	1.98	1	EPA 1633A Certifications: NYSDOH-NY12058	10/28/2025 12:17	11/02/2025 02:06	AM
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.767	1.96	1	EPA 1633A Certifications: NYSDOH-NY12058	10/28/2025 12:17	11/02/2025 02:06	AM
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ng/L	2.41	10.2	1	EPA 1633A Certifications: NYSDOH-NY12058	10/28/2025 12:17	11/02/2025 02:06	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ng/L	25.6	51.1	1	EPA 1633A Certifications: NYSDOH-NY12058	10/28/2025 12:17	11/02/2025 02:06	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ng/L	23.6	51.1	1	EPA 1633A Certifications: NYSDOH-NY12058	10/28/2025 12:17	11/02/2025 02:06	AM
24448-09-7	N-MeFOSE	ND		ng/L	7.26	20.4	1	EPA 1633A Certifications: NYSDOH-NY12058	10/28/2025 12:17	11/02/2025 02:06	AM
31506-32-8	N-MeFOSA	ND		ng/L	2.04	2.04	1	EPA 1633A Certifications: NYSDOH-NY12058	10/28/2025 12:17	11/02/2025 02:06	AM
1691-99-2	N-EtFOSE	ND		ng/L	7.44	20.4	1	EPA 1633A Certifications: NYSDOH-NY12058	10/28/2025 12:17	11/02/2025 02:06	AM
4151-50-2	N-EtFOSA	ND		ng/L	1.07	2.04	1	EPA 1633A Certifications: NYSDOH-NY12058	10/28/2025 12:17	11/02/2025 02:06	AM
Surrogate Recoveries		Result	Acceptance Range								
M3PFBS	Surrogate: M3PFBS	90.9 %	40-135								
338-30-1	Surrogate: M5PFHxA	86.5 %	40-130								
13C4PFHPA	Surrogate: M4PFHpA	84.4 %	40-130								
13C3PFHXS	Surrogate: M3PFHxS	86.8 %	40-130								
13C8PFOA	Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	78.4 %	40-130								
13C6PFDA	Surrogate: M6PFDA	78.7 %	40-130								
13C7PFUNA	Surrogate: M7PFUdA	75.4 %	30-130								
960315-52-0	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	68.9 %	10-130								
13C2PFTEDA	Surrogate: M2PFTeDA	53.1 %	10-130								



Sample Information

Client Sample ID: RINSATE (PFAS)

York Sample ID: 25J1560-20

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Water

Collection Date/Time

October 24, 2025 12:00 am

Date Received

10/24/2025

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
13C4PFBA	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	86.6 %			5-130						
13C8PFOS	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	93.5 %			40-130						
13C5PFPEA	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	84.4 %			40-130						
13C8FOSA	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	96.1 %			40-130						
D3-NMEFOSAA	Surrogate: d3-N-MeFOSAA	80.7 %			40-170						
D5-NETFOSAA	Surrogate: d5-N-EtFOSAA	75.3 %			25-135						
M2-6:2FTS	Surrogate: M2-6:2 FTS	88.2 %			40-200						
M2-8:2FTS	Surrogate: M2-8:2 FTS	88.8 %			40-300						
13C9PFNA	Surrogate: M9PFNA	93.0 %			40-130						
M2-4:2FTS	Surrogate: M2-4:2 FTS	104 %			40-200						
936109-37-4	Surrogate: d-N-MeFOSA	80.7 %			10-130						
936109-40-9	Surrogate: d-N-EtFOSA	80.0 %			10-130						
M3HFPO-DA	Surrogate: M3HFPO-DA	94.1 %			40-130						
D9-NETPFOSAI	Surrogate: d9-N-EtFOSE	69.1 %			10-130						
D7-NMEPFOSA	Surrogate: d7-N-MeFOSE	73.2 %			10-130						

Sample Information

Client Sample ID: RINSATE COMP

York Sample ID: 25J1560-21

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Water

Collection Date/Time

October 23, 2025 12:00 am

Date Received

10/24/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	10/31/2025 07:00	10/31/2025 20:49	PMB
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	10/31/2025 07:00	10/31/2025 20:49	PMB
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	10/31/2025 07:00	10/31/2025 20:49	PMB
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	10/31/2025 07:00	10/31/2025 20:49	PMB
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	10/31/2025 07:00	10/31/2025 20:49	PMB



Sample Information

Client Sample ID: RINSATE COMP

York Sample ID: 25J1560-21

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Water

Collection Date/Time

October 23, 2025 12:00 am

Date Received

10/24/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 20:49	PMB
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 20:49	PMB
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 20:49	PMB
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 20:49	PMB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 20:49	PMB
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 20:49	PMB
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 20:49	PMB
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 20:49	PMB
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 20:49	PMB
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 20:49	PMB
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 20:49	PMB
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 20:49	PMB
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 20:49	PMB
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 20:49	PMB
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 20:49	PMB
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 20:49	PMB
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 20:49	PMB
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 20:49	PMB
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 20:49	PMB
107-02-8	Acrolein	ND		ug/L	0.447	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 20:49	PMB
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 20:49	PMB
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 20:49	PMB
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 20:49	PMB



Sample Information

Client Sample ID: RINSATE COMP

York Sample ID: 25J1560-21

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Water

Collection Date/Time

October 23, 2025 12:00 am

Date Received

10/24/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 20:49	PMB
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 20:49	PMB
74-83-9	Bromomethane	ND	CCVE	ug/L	0.500	2.00	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 20:49	PMB
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 20:49	PMB
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 20:49	PMB
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 20:49	PMB
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 20:49	PMB
67-66-3	Chloroform	15.7		ug/L	0.243	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 20:49	PMB
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 20:49	PMB
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 20:49	PMB
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 20:49	PMB
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 20:49	PMB
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 20:49	PMB
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 20:49	PMB
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 20:49	PMB
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 20:49	PMB
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 20:49	PMB
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 20:49	PMB
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 20:49	PMB
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 20:49	PMB
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 20:49	PMB
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 20:49	PMB
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 20:49	PMB



Sample Information

Client Sample ID: RINSATE COMP

York Sample ID: 25J1560-21

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Water

Collection Date/Time

October 23, 2025 12:00 am

Date Received

10/24/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 20:49	PMB
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 20:49	PMB
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 20:49	PMB
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 20:49	PMB
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 20:49	PMB
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 20:49	PMB
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 20:49	PMB
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 20:49	PMB
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 20:49	PMB
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 20:49	PMB
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 20:49	PMB
127-18-4	Tetrachloroethylene	ND	CCVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 20:49	PMB
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 20:49	PMB
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 20:49	PMB
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 20:49	PMB
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 20:49	PMB
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 20:49	PMB
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 20:49	PMB
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 20:49	PMB
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	99.6 %	69-130								
2037-26-5	Surrogate: SURRE: Toluene-d8	115 %	81-117								
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	102 %	79-122								

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

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@



Sample Information

Client Sample ID: RINSATE COMP

York Sample ID: 25J1560-21

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25J1560

HPN Runway Env Management (JA257006)

Water

October 23, 2025 12:00 am

10/24/2025

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	3.33	6.67	1	EPA 8270E Certifications: NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440	10/27/2025 08:27	10/27/2025 20:05	AK
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	3.33	6.67	1	EPA 8270E Certifications: NYSDOH-NY10854,PADEP-68-04440	10/27/2025 08:27	10/27/2025 20:05	AK
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	3.33	6.67	1	EPA 8270E Certifications: NYSDOH-NY10854,PADEP-68-04440	10/27/2025 08:27	10/27/2025 20:05	AK
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	3.33	6.67	1	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0	10/27/2025 08:27	10/27/2025 20:05	AK
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	3.33	6.67	1	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0	10/27/2025 08:27	10/27/2025 20:05	AK
120-83-2	2,4-Dichlorophenol	ND		ug/L	3.33	6.67	1	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0	10/27/2025 08:27	10/27/2025 20:05	AK
105-67-9	2,4-Dimethylphenol	ND		ug/L	3.33	6.67	1	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0	10/27/2025 08:27	10/27/2025 20:05	AK
51-28-5	* 2,4-Dinitrophenol	ND	CAL-E	ug/L	3.33	6.67	1	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005	10/27/2025 08:27	10/27/2025 20:05	AK
121-14-2	2,4-Dinitrotoluene	ND		ug/L	3.33	6.67	1	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0	10/27/2025 08:27	10/27/2025 20:05	AK
606-20-2	2,6-Dinitrotoluene	ND		ug/L	3.33	6.67	1	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0	10/27/2025 08:27	10/27/2025 20:05	AK
91-58-7	2-Chloronaphthalene	ND		ug/L	3.33	6.67	1	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0	10/27/2025 08:27	10/27/2025 20:05	AK
95-57-8	2-Chlorophenol	ND		ug/L	3.33	6.67	1	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0	10/27/2025 08:27	10/27/2025 20:05	AK
91-57-6	2-Methylnaphthalene	ND		ug/L	3.33	6.67	1	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0	10/27/2025 08:27	10/27/2025 20:05	AK
95-48-7	2-Methylphenol	ND		ug/L	3.33	6.67	1	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0	10/27/2025 08:27	10/27/2025 20:05	AK
88-74-4	2-Nitroaniline	ND		ug/L	3.33	6.67	1	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440	10/27/2025 08:27	10/27/2025 20:05	AK
88-75-5	2-Nitrophenol	ND		ug/L	3.33	6.67	1	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0	10/27/2025 08:27	10/27/2025 20:05	AK
65794-96-9	* 3- & 4-Methylphenols	ND		ug/L	3.33	6.67	1	EPA 8270E Certifications: CTDPH-PH-0840	10/27/2025 08:27	10/27/2025 20:05	AK
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	3.33	6.67	1	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440	10/27/2025 08:27	10/27/2025 20:05	AK
99-09-2	3-Nitroaniline	ND		ug/L	3.33	6.67	1	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440	10/27/2025 08:27	10/27/2025 20:05	AK
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	3.33	6.67	1	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0	10/27/2025 08:27	10/27/2025 20:05	AK
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	3.33	6.67	1	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0	10/27/2025 08:27	10/27/2025 20:05	AK
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	3.33	6.67	1	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0	10/27/2025 08:27	10/27/2025 20:05	AK
106-47-8	4-Chloroaniline	ND		ug/L	3.33	6.67	1	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440	10/27/2025 08:27	10/27/2025 20:05	AK
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	3.33	6.67	1	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0	10/27/2025 08:27	10/27/2025 20:05	AK



Sample Information

Client Sample ID: RINSATE COMP

York Sample ID: 25J1560-21

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Water

Collection Date/Time

October 23, 2025 12:00 am

Date Received

10/24/2025

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
100-01-6	4-Nitroaniline	ND		ug/L	3.33	6.67	1	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440	10/27/2025 08:27	10/27/2025 20:05	AK
100-02-7	4-Nitrophenol	ND	CCVE	ug/L	6.67	6.67	1	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0	10/27/2025 08:27	10/27/2025 20:05	AK
98-86-2	Acetophenone	ND		ug/L	3.33	6.67	1	EPA 8270E Certifications: NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440	10/27/2025 08:27	10/27/2025 20:05	AK
100-52-7	Benzaldehyde	ND	CAL-E	ug/L	3.33	6.67	1	EPA 8270E Certifications: NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440	10/27/2025 08:27	10/27/2025 20:05	AK
85-68-7	Benzyl butyl phthalate	ND		ug/L	3.33	6.67	1	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0	10/27/2025 08:27	10/27/2025 20:05	AK
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	3.33	6.67	1	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0	10/27/2025 08:27	10/27/2025 20:05	AK
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.33	6.67	1	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0	10/27/2025 08:27	10/27/2025 20:05	AK
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	3.33	6.67	1	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0	10/27/2025 08:27	10/27/2025 20:05	AK
105-60-2	Caprolactam	ND	CAL-E	ug/L	3.33	6.67	1	EPA 8270E Certifications: NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440	10/27/2025 08:27	10/27/2025 20:05	AK
86-74-8	Carbazole	ND		ug/L	3.33	6.67	1	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440	10/27/2025 08:27	10/27/2025 20:05	AK
132-64-9	Dibenzofuran	ND		ug/L	3.33	6.67	1	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0	10/27/2025 08:27	10/27/2025 20:05	AK
84-66-2	Diethyl phthalate	ND		ug/L	3.33	6.67	1	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0	10/27/2025 08:27	10/27/2025 20:05	AK
131-11-3	Dimethyl phthalate	ND		ug/L	3.33	6.67	1	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0	10/27/2025 08:27	10/27/2025 20:05	AK
84-74-2	Di-n-butyl phthalate	ND		ug/L	3.33	6.67	1	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0	10/27/2025 08:27	10/27/2025 20:05	AK
117-84-0	Di-n-octyl phthalate	ND		ug/L	3.33	6.67	1	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0	10/27/2025 08:27	10/27/2025 20:05	AK
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	6.67	13.3	1	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0	10/27/2025 08:27	10/27/2025 20:05	AK
78-59-1	Isophorone	ND		ug/L	3.33	6.67	1	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0	10/27/2025 08:27	10/27/2025 20:05	AK
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	3.33	6.67	1	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0	10/27/2025 08:27	10/27/2025 20:05	AK
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	3.33	6.67	1	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0	10/27/2025 08:27	10/27/2025 20:05	AK
108-95-2	Phenol	ND		ug/L	1.00	6.67	1	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0	10/27/2025 08:27	10/27/2025 20:05	AK
2312-35-8	* Propargite	ND		ug/L	3.33	6.67	1	EPA 8270E Certifications:	10/27/2025 08:27	10/27/2025 20:05	AK
110-86-1	Pyridine	ND	CCVE	ug/L	3.33	6.67	1	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440	10/27/2025 08:27	10/27/2025 20:05	AK
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	29.6 %	19.7-63.1								
13127-88-3	Surrogate: SURR: Phenol-d6	18.8 %	10.1-41.7								



Sample Information

Client Sample ID: RINSATE COMP

York Sample ID: 25J1560-21

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Water

Collection Date/Time

October 23, 2025 12:00 am

Date Received

10/24/2025

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
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	42.4 %	S-08		50.2-113						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	43.8 %			39.9-105						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	67.6 %			39.3-151						
1718-51-0	Surrogate: SURR: Terphenyl-d14	58.2 %			30.7-106						

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270E SIM Certifications: NJDEP-CT005,NYSDOH-NY10854	10/28/2025 09:05	11/03/2025 17:08	SS
Surrogate Recoveries		Result	Acceptance Range							
17647-74-4	Surrogate: 1,4-Dioxane-d8	64.0 %			36.6-118					

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	0.0667	1	EPA 8270E SIM Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005	10/27/2025 08:31	10/30/2025 20:22	SS
208-96-8	Acenaphthylene	ND		ug/L	0.0667	1	EPA 8270E SIM Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005	10/27/2025 08:31	10/30/2025 20:22	SS
120-12-7	* Anthracene	ND		ug/L	0.0667	1	EPA 8270E SIM Certifications:	10/27/2025 08:31	10/30/2025 20:22	SS
1912-24-9	* Atrazine	ND	CAL-E	ug/L	0.667	1	EPA 8270E SIM Certifications:	10/27/2025 08:31	10/30/2025 20:22	SS
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0667	1	EPA 8270E SIM Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005	10/27/2025 08:31	10/30/2025 20:22	SS
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0667	1	EPA 8270E SIM Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005	10/27/2025 08:31	10/30/2025 20:22	SS
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0667	1	EPA 8270E SIM Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005	10/27/2025 08:31	10/30/2025 20:22	SS
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0667	1	EPA 8270E SIM Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005	10/27/2025 08:31	10/30/2025 20:22	SS
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0667	1	EPA 8270E SIM Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005	10/27/2025 08:31	10/30/2025 20:22	SS
117-81-7	* Bis(2-ethylhexyl)phthalate	ND		ug/L	0.667	1	EPA 8270E SIM Certifications:	10/27/2025 08:31	10/30/2025 20:22	SS
218-01-9	Chrysene	ND		ug/L	0.0667	1	EPA 8270E SIM Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005	10/27/2025 08:31	10/30/2025 20:22	SS
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0667	1	EPA 8270E SIM Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005	10/27/2025 08:31	10/30/2025 20:22	SS
206-44-0	Fluoranthene	ND		ug/L	0.0667	1	EPA 8270E SIM Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005	10/27/2025 08:31	10/30/2025 20:22	SS



Sample Information

Client Sample ID: RINSATE COMP

York Sample ID: 25J1560-21

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Water

Collection Date/Time

October 23, 2025 12:00 am

Date Received

10/24/2025

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
86-73-7	Fluorene	ND		ug/L	0.0667	1	EPA 8270E SIM Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005	10/27/2025 08:31	10/30/2025 20:22	SS
118-74-1	* Hexachlorobenzene	ND		ug/L	0.0267	1	EPA 8270E SIM Certifications:	10/27/2025 08:31	10/30/2025 20:22	SS
87-68-3	* Hexachlorobutadiene	ND		ug/L	0.667	1	EPA 8270E SIM Certifications:	10/27/2025 08:31	10/30/2025 20:22	SS
67-72-1	* Hexachloroethane	ND		ug/L	0.667	1	EPA 8270E SIM Certifications:	10/27/2025 08:31	10/30/2025 20:22	SS
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0667	1	EPA 8270E SIM Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005	10/27/2025 08:31	10/30/2025 20:22	SS
91-20-3	Naphthalene	ND		ug/L	0.0667	1	EPA 8270E SIM Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005	10/27/2025 08:31	10/30/2025 20:22	SS
98-95-3	* Nitrobenzene	ND	CCVE, ICVE	ug/L	0.333	1	EPA 8270E SIM Certifications:	10/27/2025 08:31	10/30/2025 20:22	SS
62-75-9	* N-Nitrosodimethylamine	ND	CAL-E, QL-02	ug/L	0.667	1	EPA 8270E SIM Certifications:	10/27/2025 08:31	10/30/2025 20:22	SS
87-86-5	* Pentachlorophenol	ND	CCVE, QL-02	ug/L	0.333	1	EPA 8270E SIM Certifications:	10/27/2025 08:31	10/30/2025 20:22	SS
85-01-8	Phenanthrene	ND		ug/L	0.0667	1	EPA 8270E SIM Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005	10/27/2025 08:31	10/30/2025 20:22	SS
129-00-0	Pyrene	ND		ug/L	0.0667	1	EPA 8270E SIM Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005	10/27/2025 08:31	10/30/2025 20:22	SS

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0-	10/28/2025 08:25	10/28/2025 20:05	RJ
72-55-9	4,4'-DDE	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0-	10/28/2025 08:25	10/28/2025 20:05	RJ
50-29-3	4,4'-DDT	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0-	10/28/2025 08:25	10/28/2025 20:05	RJ
309-00-2	Aldrin	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0-	10/28/2025 08:25	10/28/2025 20:05	RJ
319-84-6	alpha-BHC	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0-	10/28/2025 08:25	10/28/2025 20:05	RJ
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0-	10/28/2025 08:25	10/28/2025 20:05	RJ
319-85-7	beta-BHC	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0-	10/28/2025 08:25	10/28/2025 20:05	RJ
319-86-8	delta-BHC	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0-	10/28/2025 08:25	10/28/2025 20:05	RJ
60-57-1	Dieldrin	ND		ug/L	0.00200	1	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0-	10/28/2025 08:25	10/28/2025 20:05	RJ



Sample Information

Client Sample ID: RINSATE COMP

York Sample ID: 25J1560-21

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Water

Collection Date/Time

October 23, 2025 12:00 am

Date Received

10/24/2025

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
959-98-8	Endosulfan I	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/28/2025 08:25	10/28/2025 20:05	RJ
33213-65-9	Endosulfan II	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/28/2025 08:25	10/28/2025 20:05	RJ
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/28/2025 08:25	10/28/2025 20:05	RJ
72-20-8	Endrin	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/28/2025 08:25	10/28/2025 20:05	RJ
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	1	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/28/2025 08:25	10/28/2025 20:05	RJ
53494-70-5	Endrin ketone	ND		ug/L	0.0100	1	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/28/2025 08:25	10/28/2025 20:05	RJ
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/28/2025 08:25	10/28/2025 20:05	RJ
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	1	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/28/2025 08:25	10/28/2025 20:05	RJ
76-44-8	Heptachlor	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/28/2025 08:25	10/28/2025 20:05	RJ
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/28/2025 08:25	10/28/2025 20:05	RJ
72-43-5	Methoxychlor	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/28/2025 08:25	10/28/2025 20:05	RJ
8001-35-2	Toxaphene	ND		ug/L	0.100	1	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/28/2025 08:25	10/28/2025 20:05	RJ
57-74-9	* Chlordane, total	ND		ug/L	0.200	1	EPA 8081B Certifications:	10/28/2025 08:25	10/28/2025 20:05	RJ
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	72.1 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	70.2 %	30-150							

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0500	1	EPA 8082A Certifications: NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0	10/28/2025 08:22	10/29/2025 07:57	NF
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A Certifications: NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0	10/28/2025 08:22	10/29/2025 07:57	NF
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A Certifications: NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0	10/28/2025 08:22	10/29/2025 07:57	NF
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A Certifications: NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0	10/28/2025 08:22	10/29/2025 07:57	NF
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A Certifications: NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0	10/28/2025 08:22	10/29/2025 07:57	NF



Sample Information

Client Sample ID: RINSATE COMP

York Sample ID: 25J1560-21

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Water

Collection Date/Time

October 23, 2025 12:00 am

Date Received

10/24/2025

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A Certifications: NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0	10/28/2025 08:22	10/29/2025 07:57	NF
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A Certifications: NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0	10/28/2025 08:22	10/29/2025 07:57	NF
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A Certifications:	10/28/2025 08:22	10/29/2025 07:57	NF
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	60.5 %								
2051-24-3	Surrogate: Decachlorobiphenyl	75.0 %								

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	1	EPA 8151A Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/26/2025 08:04	10/27/2025 14:12	gxb
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/26/2025 08:04	10/27/2025 14:12	gxb
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A Certifications: NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440	10/26/2025 08:04	10/27/2025 14:12	gxb
Surrogate Recoveries		Result		Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	111 %								

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.556	1	EPA 6010D Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 07:23	10/27/2025 16:23	AGNR
7440-36-0	Antimony	ND		mg/L	0.028	1	EPA 6010D Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 07:23	10/27/2025 16:23	AGNR
7440-38-2	Arsenic	0.019		mg/L	0.017	1	EPA 6010D Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 07:23	10/27/2025 16:23	AGNR
7440-39-3	Barium	ND		mg/L	0.028	1	EPA 6010D Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 07:23	10/27/2025 16:23	AGNR
7440-41-7	Beryllium	ND		mg/L	0.0006	1	EPA 6010D Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 07:23	10/27/2025 16:23	AGNR
7440-43-9	Cadmium	ND		mg/L	0.003	1	EPA 6010D Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 07:23	10/27/2025 16:23	AGNR
7440-70-2	Calcium	ND		mg/L	0.556	1	EPA 6010D Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 07:23	10/27/2025 16:23	AGNR
7440-47-3	Chromium	ND		mg/L	0.006	1	EPA 6010D Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 07:23	10/27/2025 16:23	AGNR



Sample Information

Client Sample ID: RINSATE COMP

York Sample ID: 25J1560-21

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Water

Collection Date/Time

October 23, 2025 12:00 am

Date Received

10/24/2025

Metals, Target Analyte

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
7440-48-4	Cobalt	0.005		mg/L	0.004	1	EPA 6010D Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 07:23	10/27/2025 16:23	AGNR
7440-50-8	Copper	0.055		mg/L	0.022	1	EPA 6010D Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 07:23	10/27/2025 16:23	AGNR
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 07:23	10/27/2025 16:23	AGNR
7439-92-1	Lead	0.009		mg/L	0.007	1	EPA 6010D Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 07:23	10/27/2025 16:23	AGNR
7439-95-4	Magnesium	0.068		mg/L	0.067	1	EPA 6010D Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 07:23	10/27/2025 16:23	AGNR
7439-96-5	Manganese	0.008		mg/L	0.006	1	EPA 6010D Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 07:23	10/27/2025 16:23	AGNR
7440-02-0	Nickel	ND		mg/L	0.011	1	EPA 6010D Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 07:23	10/27/2025 16:23	AGNR
7440-09-7	Potassium	ND		mg/L	1.11	1	EPA 6010D Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 07:23	10/27/2025 16:23	AGNR
7782-49-2	* Selenium	ND		mg/L	0.028	1	EPA 6010D Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440	10/27/2025 07:23	10/27/2025 16:23	AGNR
7440-22-4	Silver	ND		mg/L	0.007	1	EPA 6010D Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 07:23	10/27/2025 16:23	AGNR
7440-23-5	Sodium	2.91	M-BS	mg/L	1.11	1	EPA 6010D Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 07:23	10/27/2025 16:23	AGNR
7440-28-0	Thallium	ND		mg/L	0.028	1	EPA 6010D Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 07:23	10/27/2025 16:23	AGNR
7440-62-2	Vanadium	ND		mg/L	0.011	1	EPA 6010D Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 07:23	10/27/2025 16:23	AGNR
7440-66-6	Zinc	0.045		mg/L	0.028	1	EPA 6010D Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 07:23	10/27/2025 16:23	AGNR

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	10/29/2025 08:33	10/29/2025 08:33	JWT

Sample Information

Client Sample ID: SB-8 0-2

York Sample ID: 25J1560-24

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

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Collection Date/Time

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Date Received

10/24/2025



Sample Information

Client Sample ID: SB-8 0-2

York Sample ID: 25J1560-24

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

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Date Received

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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	0.490	0.502	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:04	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	0.0879	0.222	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:04	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	0.107	J	ug/kg dry	0.0628	0.251	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:04	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.138	0.251	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:04	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0879	0.230	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:04	AM
335-67-1	Perfluorooctanoic acid (PFOA)	0.437	PF-CC V-H	ug/kg dry	0.0879	0.251	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:04	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	0.809		ug/kg dry	0.0879	0.234	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:04	AM
375-95-1	Perfluorononanoic acid (PFNA)	0.351		ug/kg dry	0.176	0.251	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:04	AM
335-76-2	Perfluorodecanoic acid (PFDA)	0.210	J	ug/kg dry	0.100	0.251	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:04	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	0.373		ug/kg dry	0.138	0.251	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:04	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	0.172	J	ug/kg dry	0.100	0.251	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:04	AM
72629-94-8	Perfluorotridecanoic acid (PFTriDA)	0.153	J	ug/kg dry	0.138	0.251	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:04	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.163	0.251	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:04	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.100	0.251	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:04	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.628	0.628	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:04	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.100	0.502	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:04	AM
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0377	0.251	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:04	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0879	0.251	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:04	AM
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0753	0.242	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:04	AM



Sample Information

Client Sample ID: SB-8 0-2

York Sample ID: 25J1560-24

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

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Date Received

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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
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.226	0.954	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:04	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.201	0.964	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:04	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.201	1.00	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:04	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEA)	ND		ug/kg dry	0.0753	0.447	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:04	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0502	0.502	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:04	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.151	0.502	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:04	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.0879	0.236	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:04	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.276	0.942	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:04	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ug/kg dry	0.289	1.00	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:04	AM
763051-92-9	11CL-PF3OUdS	ND		ug/kg dry	0.276	0.949	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:04	AM
756426-58-1	9CL-PF3ONS	ND		ug/kg dry	0.339	0.939	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:04	AM
919005-14-4	ADONA	ND		ug/kg dry	0.326	0.949	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:04	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND	PF-CC V-L	ug/kg dry	0.188	0.244	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:04	AM
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.176	0.241	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:04	AM
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.402	1.26	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:04	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	0.917	6.28	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:04	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.18	6.28	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:04	AM
24448-09-7	N-MeFOSE	ND		ug/kg dry	0.917	2.51	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:04	AM
31506-32-8	N-MeFOSA	ND		ug/kg dry	0.163	0.251	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:04	AM
1691-99-2	N-EtFOSE	ND		ug/kg dry	0.578	2.51	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:04	AM
4151-50-2	N-EtFOSA	ND		ug/kg dry	0.113	0.251	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:04	AM

Surrogate Recoveries

Result

Acceptance Range



Sample Information

Client Sample ID: SB-8 0-2

York Sample ID: 25J1560-24

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 1:00 am

Date Received

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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
M3PFBS	Surrogate: M3PFBS	89.4 %			40-135						
338-30-1	Surrogate: M5PFHxA	80.5 %			40-130						
13C4PFHPA	Surrogate: M4PFHPA	71.9 %			40-130						
13C3PFHXS	Surrogate: M3PFHXS	78.4 %			40-130						
13C8PFOA	Surrogate: Perfluoro-n- [13C8]octanoic acid (M8PFOA)	74.9 %			40-130						
13C6PFDA	Surrogate: M6PFDA	69.6 %			40-130						
13C7PFUNA	Surrogate: M7PFUDa	77.5 %			40-130						
960315-52-0	Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)	67.3 %			40-130						
13C2PFTEDA	Surrogate: M2PFTeDA	71.2 %			20-130						
13C4PFBA	Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	80.8 %			8-130						
13C8PFOS	Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	89.2 %			40-130						
13C5PFPEA	Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	80.3 %			35-130						
13C8FOSA	Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	87.7 %			40-130						
D3-NMEFOSAA	Surrogate: d3-N-MeFOSAA	83.7 %			40-135						
D5-NETFOSAA	Surrogate: d5-N-EtFOSAA	89.0 %			40-150						
M2-6:2FTS	Surrogate: M2-6:2 FTS	111 %			40-215						
M2-8:2FTS	Surrogate: M2-8:2 FTS	92.1 %			40-275						
13C9PFNA	Surrogate: M9PFNA	83.1 %			40-130						
M2-4:2FTS	Surrogate: M2-4:2 FTS	116 %			40-165						
936109-37-4	Surrogate: d-N-MeFOSA	73.0 %			10-130						
936109-40-9	Surrogate: d-N-EtFOSA	77.2 %			10-130						
M3HFPO-DA	Surrogate: M3HFPO-DA	92.9 %			40-130						
D9-NETPFOSAI	Surrogate: d9-N-EtFOSE	81.1 %			15-130						
D7-NMEPFOSA	Surrogate: d7-N-MeFOSE	88.9 %			20-130						



Sample Information

Client Sample ID: SB-8 0-2

York Sample ID: 25J1560-24

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25J1560

HPN Runway Env Management (JA257006)

Soil

October 24, 2025 1:00 am

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Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	79.6		%	0.100	1	SM 2540G Certifications: CTDPH-PH-0840	10/27/2025 16:54	10/27/2025 17:04	DD2

Sample Information

Client Sample ID: SB-8 2-12

York Sample ID: 25J1560-25

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25J1560

HPN Runway Env Management (JA257006)

Soil

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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	0.451	0.463	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:18	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	0.0810	0.205	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:18	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0578	0.231	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:18	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.127	0.231	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:18	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0810	0.212	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:18	AM
335-67-1	Perfluorooctanoic acid (PFOA)	0.391	PF-CC V-H	ug/kg dry	0.0810	0.231	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:18	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	0.525		ug/kg dry	0.0810	0.215	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:18	AM
375-95-1	Perfluorononanoic acid (PFNA)	0.268		ug/kg dry	0.162	0.231	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:18	AM
335-76-2	Perfluorodecanoic acid (PFDA)	0.108	J	ug/kg dry	0.0925	0.231	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:18	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	0.169	J	ug/kg dry	0.127	0.231	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:18	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0925	0.231	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:18	AM



Sample Information

Client Sample ID: SB-8 2-12

York Sample ID: 25J1560-25

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 1:00 am

Date Received

10/24/2025

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
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.127	0.231	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:18	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.150	0.231	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:18	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.0925	0.231	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:18	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.578	0.578	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:18	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.0925	0.463	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:18	AM
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0347	0.231	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:18	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0810	0.231	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:18	AM
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0694	0.223	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:18	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.208	0.879	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:18	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.185	0.888	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:18	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.185	0.925	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:18	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND		ug/kg dry	0.0694	0.412	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:18	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0463	0.463	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:18	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.139	0.463	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:18	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.0810	0.217	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:18	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.254	0.868	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:18	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ug/kg dry	0.266	0.925	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:18	AM
763051-92-9	11CL-PF3OUdS	ND		ug/kg dry	0.254	0.874	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:18	AM
756426-58-1	9CL-PF3ONS	ND		ug/kg dry	0.312	0.865	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:18	AM
919005-14-4	ADONA	ND		ug/kg dry	0.301	0.874	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:18	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND	PF-CC V-L	ug/kg dry	0.174	0.224	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:18	AM
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.162	0.222	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:18	AM



Sample Information

Client Sample ID: SB-8 2-12

York Sample ID: 25J1560-25

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25J1560

HPN Runway Env Management (JA257006)

Soil

October 24, 2025 1:00 am

10/24/2025

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
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.370	1.16	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:18	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	0.844	5.78	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:18	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.09	5.78	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:18	AM
24448-09-7	N-MeFOSE	ND		ug/kg dry	0.844	2.31	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:18	AM
31506-32-8	N-MeFOSA	ND		ug/kg dry	0.150	0.231	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:18	AM
1691-99-2	N-EtFOSE	ND		ug/kg dry	0.532	2.31	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:18	AM
4151-50-2	N-EtFOSA	ND		ug/kg dry	0.104	0.231	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:18	AM
Surrogate Recoveries		Result	Acceptance Range								
M3PFBS	Surrogate: M3PFBS	89.7 %	40-135								
338-30-1	Surrogate: M5PFHxA	77.9 %	40-130								
13C4PFHPA	Surrogate: M4PFHpA	82.2 %	40-130								
13C3PFHXS	Surrogate: M3PFHxS	81.1 %	40-130								
13C8PFOA	Surrogate: Perfluoro-n- [13C8]octanoic acid (M8PFOA)	72.4 %	40-130								
13C6PFDA	Surrogate: M6PFDA	80.1 %	40-130								
13C7PFUNA	Surrogate: M7PFUdA	77.8 %	40-130								
960315-52-0	Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)	74.5 %	40-130								
13C2PFTEDA	Surrogate: M2PFTeDA	77.7 %	20-130								
13C4PFBA	Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	80.7 %	8-130								
13C8PFOS	Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	86.4 %	40-130								
13C5PFPEA	Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	76.0 %	35-130								
13C8FOSA	Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	84.2 %	40-130								
D3-NMEFOSAA	Surrogate: d3-N-MeFOSAA	78.9 %	40-135								
D5-NETFOSAA	Surrogate: d5-N-EtFOSAA	77.7 %	40-150								
M2-6:2FTS	Surrogate: M2-6:2 FTS	107 %	40-215								
M2-8:2FTS	Surrogate: M2-8:2 FTS	92.2 %	40-275								
13C9PFNA	Surrogate: M9PFNA	94.1 %	40-130								
M2-4:2FTS	Surrogate: M2-4:2 FTS	102 %	40-165								
936109-37-4	Surrogate: d-N-MeFOSA	69.2 %	10-130								
936109-40-9	Surrogate: d-N-EtFOSA	70.9 %	10-130								



Sample Information

Client Sample ID: SB-8 2-12

York Sample ID: 25J1560-25

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 1:00 am

Date Received

10/24/2025

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
M3HFPO-DA	Surrogate: M3HFPO-DA	86.4 %			40-130						
D9-NETPFOSA	Surrogate: d9-N-EtFOSE	74.7 %			15-130						
D7-NMEPFOSA	Surrogate: d7-N-MeFOSE	77.6 %			20-130						

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	10/27/2025 16:54	10/27/2025 17:04	DD2

Sample Information

Client Sample ID: SB-8 12-24

York Sample ID: 25J1560-26

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 1:10 am

Date Received

10/24/2025

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	0.439	0.450	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:33	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	0.0788	0.199	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:33	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0563	0.225	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:33	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.124	0.225	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:33	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0788	0.206	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:33	AM
335-67-1	Perfluorooctanoic acid (PFOA)	0.327	PF-CC V-H	ug/kg dry	0.0788	0.225	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:33	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	0.190	J	ug/kg dry	0.0788	0.209	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:33	AM



Sample Information

Client Sample ID: SB-8 12-24

York Sample ID: 25J1560-26

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 1:10 am

Date Received

10/24/2025

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		ug/kg dry	0.158	0.225	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:33	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.0900	0.225	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:33	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.124	0.225	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:33	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0900	0.225	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:33	AM
72629-94-8	Perfluorotridecanoic acid (PFTriDA)	ND		ug/kg dry	0.124	0.225	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:33	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.146	0.225	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:33	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.0900	0.225	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:33	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.563	0.563	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:33	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	0.108	J	ug/kg dry	0.0900	0.450	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:33	AM
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0338	0.225	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:33	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0788	0.225	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:33	AM
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0675	0.217	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:33	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.203	0.855	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:33	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.180	0.864	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:33	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.180	0.900	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:33	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND		ug/kg dry	0.0675	0.401	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:33	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0450	0.450	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:33	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.135	0.450	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:33	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.0788	0.212	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:33	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.248	0.844	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:33	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ug/kg dry	0.259	0.900	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:33	AM
763051-92-9	11CL-PF3OUdS	ND		ug/kg dry	0.248	0.851	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:33	AM



Sample Information

Client Sample ID: SB-8 12-24

York Sample ID: 25J1560-26

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 1:10 am

Date Received

10/24/2025

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		ug/kg dry	0.304	0.842	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:33	AM
919005-14-4	ADONA	ND		ug/kg dry	0.293	0.851	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:33	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND	PF-CC V-L	ug/kg dry	0.169	0.218	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:33	AM
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.158	0.216	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:33	AM
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.360	1.13	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:33	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	0.821	5.63	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:33	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.06	5.63	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:33	AM
24448-09-7	N-MeFOSE	ND		ug/kg dry	0.821	2.25	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:33	AM
31506-32-8	N-MeFOSA	ND		ug/kg dry	0.146	0.225	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:33	AM
1691-99-2	N-EtFOSE	ND		ug/kg dry	0.518	2.25	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:33	AM
4151-50-2	N-EtFOSA	ND		ug/kg dry	0.101	0.225	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:33	AM
Surrogate Recoveries		Result	Acceptance Range								
M3PFBS	Surrogate: M3PFBS	84.9 %	40-135								
338-30-1	Surrogate: M5PFHxA	80.2 %	40-130								
13C4PFHPA	Surrogate: M4PFHpA	76.8 %	40-130								
13C3PFHXS	Surrogate: M3PFHxS	87.8 %	40-130								
13C8PFOA	Surrogate: Perfluoro-n- [13C8]octanoic acid (M8PFOA)	77.6 %	40-130								
13C6PFDA	Surrogate: M6PFDA	82.3 %	40-130								
13C7PFUNA	Surrogate: M7PFUDa	78.7 %	40-130								
960315-52-0	Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)	78.7 %	40-130								
13C2PFTEDA	Surrogate: M2PFTeDA	74.3 %	20-130								
13C4PFBA	Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	81.9 %	8-130								
13C8PFOS	Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	83.2 %	40-130								
13C5PFPEA	Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	75.4 %	35-130								
13C8FOSA	Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	86.6 %	40-130								
D3-NMEFOSAA	Surrogate: d3-N-MeFOSAA	71.1 %	40-135								



Sample Information

Client Sample ID: SB-8 12-24

York Sample ID: 25J1560-26

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 1:10 am

Date Received

10/24/2025

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
D5-NETFOSAA	Surrogate: d5-N-EtFOSAA	72.1 %			40-150						
M2-6:2FTS	Surrogate: M2-6:2 FTS	109 %			40-215						
M2-8:2FTS	Surrogate: M2-8:2 FTS	81.5 %			40-275						
13C9PFNA	Surrogate: M9PFNA	91.0 %			40-130						
M2-4:2FTS	Surrogate: M2-4:2 FTS	94.9 %			40-165						
936109-37-4	Surrogate: d-N-MeFOSA	63.9 %			10-130						
936109-40-9	Surrogate: d-N-EtFOSA	66.5 %			10-130						
M3HFPO-DA	Surrogate: M3HFPO-DA	82.3 %			40-130						
D9-NETPFOSA	Surrogate: d9-N-EtFOSE	78.9 %			15-130						
D7-NMEPFOSA	Surrogate: d7-N-MeFOSE	82.7 %			20-130						

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	88.9		%	0.100	1	SM 2540G Certifications: CTDPH-PH-0840	10/27/2025 16:54	10/27/2025 17:04	DD2

Sample Information

Client Sample ID: SB-9 0-2

York Sample ID: 25J1560-27

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 2:20 am

Date Received

10/24/2025

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	0.501	0.514	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:47	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	0.0900	0.228	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:47	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0643	0.257	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:47	AM



Sample Information

Client Sample ID: SB-9 0-2

York Sample ID: 25J1560-27

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 2:20 am

Date Received

10/24/2025

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
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.141	0.257	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:47	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0900	0.235	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:47	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.0900	0.257	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:47	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	0.460		ug/kg dry	0.0900	0.239	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:47	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.180	0.257	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:47	AM
335-76-2	Perfluorodecanoic acid (PFDA)	0.135	J	ug/kg dry	0.103	0.257	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:47	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	0.237	J	ug/kg dry	0.141	0.257	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:47	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	0.126	J	ug/kg dry	0.103	0.257	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:47	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.141	0.257	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:47	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.167	0.257	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:47	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.103	0.257	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:47	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.643	0.643	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:47	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.103	0.514	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:47	AM
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0386	0.257	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:47	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0900	0.257	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:47	AM
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0771	0.248	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:47	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.231	0.977	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:47	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.206	0.987	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:47	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.206	1.03	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:47	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.0771	0.458	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:47	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0514	0.514	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:47	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.154	0.514	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:47	AM



Sample Information

Client Sample ID: SB-9 0-2

York Sample ID: 25J1560-27

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 2:20 am

Date Received

10/24/2025

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
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.0900	0.242	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:47	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.283	0.964	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:47	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ug/kg dry	0.296	1.03	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:47	AM
763051-92-9	11CL-PF3OUdS	ND		ug/kg dry	0.283	0.972	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:47	AM
756426-58-1	9CL-PF3ONS	ND		ug/kg dry	0.347	0.962	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:47	AM
919005-14-4	ADONA	ND		ug/kg dry	0.334	0.972	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:47	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND	PF-CC V-L	ug/kg dry	0.193	0.249	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:47	AM
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.180	0.247	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:47	AM
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.411	1.29	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:47	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	0.939	6.43	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:47	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.21	6.43	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:47	AM
24448-09-7	N-MeFOSE	ND		ug/kg dry	0.939	2.57	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:47	AM
31506-32-8	N-MeFOSA	ND		ug/kg dry	0.167	0.257	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:47	AM
1691-99-2	N-EtFOSE	ND		ug/kg dry	0.591	2.57	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:47	AM
4151-50-2	N-EtFOSA	ND		ug/kg dry	0.116	0.257	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 21:47	AM
Surrogate Recoveries		Result	Acceptance Range								
M3PFBS	Surrogate: M3PFBS	86.7 %	40-135								
338-30-1	Surrogate: M5PFHxA	80.6 %	40-130								
13C4PFHPA	Surrogate: M4PFHpA	73.4 %	40-130								
13C3PFHXS	Surrogate: M3PFHxS	85.8 %	40-130								
13C8PFOA	Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	75.0 %	40-130								
13C6PFDA	Surrogate: M6PFDA	74.3 %	40-130								
13C7PFUNA	Surrogate: M7PFUdA	76.1 %	40-130								
960315-52-0	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	72.0 %	40-130								
13C2PFTEDA	Surrogate: M2PFTeDA	76.6 %	20-130								



Sample Information

Client Sample ID: SB-9 0-2

York Sample ID: 25J1560-27

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 2:20 am

Date Received

10/24/2025

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
13C4PFBA	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	82.4 %			8-130						
13C8PFOS	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	85.6 %			40-130						
13C5PFPEA	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	78.5 %			35-130						
13C8FOSA	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	76.2 %			40-130						
D3-NMEFOSAA	Surrogate: d3-N-MeFOSAA	75.5 %			40-135						
D5-NETFOSAA	Surrogate: d5-N-EtFOSAA	86.1 %			40-150						
M2-6:2FTS	Surrogate: M2-6:2 FTS	112 %			40-215						
M2-8:2FTS	Surrogate: M2-8:2 FTS	104 %			40-275						
13C9PFNA	Surrogate: M9PFNA	85.8 %			40-130						
M2-4:2FTS	Surrogate: M2-4:2 FTS	112 %			40-165						
936109-37-4	Surrogate: d-N-MeFOSA	68.0 %			10-130						
936109-40-9	Surrogate: d-N-EtFOSA	63.7 %			10-130						
M3HFPO-DA	Surrogate: M3HFPO-DA	84.2 %			40-130						
D9-NETPFOSA	Surrogate: d9-N-EtFOSE	77.1 %			15-130						
D7-NMEPFOSA	Surrogate: d7-N-MeFOSE	80.3 %			20-130						

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	77.8		%	0.100	1	SM 2540G Certifications: CTDPH-PH-0840	10/27/2025 16:54	10/27/2025 17:04	DD2

Sample Information

Client Sample ID: SB-9 2-12

York Sample ID: 25J1560-28

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 2:20 am

Date Received

10/24/2025

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-dioxahепtanoic acid (NFDHA)	ND	HT-NF D	ug/kg dry	0.453	0.464	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:01	AM



Sample Information

Client Sample ID: SB-9 2-12

York Sample ID: 25J1560-28

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25J1560

HPN Runway Env Management (JA257006)

Soil

October 24, 2025 2:20 am

10/24/2025

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		ug/kg dry	0.0812	0.205	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:01	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0580	0.232	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:01	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.128	0.232	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:01	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0812	0.212	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:01	AM
335-67-1	Perfluorooctanoic acid (PFOA)	0.0814	J	ug/kg dry	0.0812	0.232	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:01	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	0.194	J	ug/kg dry	0.0812	0.216	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:01	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.162	0.232	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:01	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.0928	0.232	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:01	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.128	0.232	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:01	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0928	0.232	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:01	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.128	0.232	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:01	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.151	0.232	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:01	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.0928	0.232	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:01	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.580	0.580	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:01	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.0928	0.464	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:01	AM
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0348	0.232	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:01	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0812	0.232	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:01	AM
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0696	0.224	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:01	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.209	0.882	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:01	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.186	0.891	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:01	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.186	0.928	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:01	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND		ug/kg dry	0.0696	0.413	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:01	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0464	0.464	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:01	AM



Sample Information

Client Sample ID: SB-9 2-12

York Sample ID: 25J1560-28

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 2:20 am

Date Received

10/24/2025

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
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.139	0.464	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:01	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.0812	0.218	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:01	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.255	0.870	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:01	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ug/kg dry	0.267	0.928	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:01	AM
763051-92-9	11CL-PF3OUdS	ND		ug/kg dry	0.255	0.877	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:01	AM
756426-58-1	9CL-PF3ONS	ND		ug/kg dry	0.313	0.868	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:01	AM
919005-14-4	ADONA	ND		ug/kg dry	0.302	0.877	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:01	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND	PF-CC V-L	ug/kg dry	0.174	0.225	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:01	AM
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.162	0.223	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:01	AM
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.371	1.16	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:01	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	0.847	5.80	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:01	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.09	5.80	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:01	AM
24448-09-7	N-MeFOSE	ND		ug/kg dry	0.847	2.32	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:01	AM
31506-32-8	N-MeFOSA	ND		ug/kg dry	0.151	0.232	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:01	AM
1691-99-2	N-EtFOSE	ND		ug/kg dry	0.534	2.32	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:01	AM
4151-50-2	N-EtFOSA	ND		ug/kg dry	0.104	0.232	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:01	AM
Surrogate Recoveries		Result	Acceptance Range								
M3PFBS	Surrogate: M3PFBS	91.0 %	40-135								
338-30-1	Surrogate: M5PFHxA	80.0 %	40-130								
13C4PFHPA	Surrogate: M4PFHpA	77.3 %	40-130								
13C3PFHXS	Surrogate: M3PFHxS	84.2 %	40-130								
13C8PFOA	Surrogate: Perfluoro-n- [13C8]octanoic acid (M8PFOA)	77.2 %	40-130								
13C6PFDA	Surrogate: M6PFDA	80.3 %	40-130								
13C7PFUNA	Surrogate: M7PFUdA	80.4 %	40-130								
960315-52-0	Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)	72.1 %	40-130								



Sample Information

Client Sample ID: SB-9 2-12

York Sample ID: 25J1560-28

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 2:20 am

Date Received

10/24/2025

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
13C2PFTEDA	Surrogate: M2PFTEDA	73.6 %			20-130						
13C4PFBA	Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	85.0 %			8-130						
13C8PFOS	Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	85.5 %			40-130						
13C5PFPEA	Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	79.4 %			35-130						
13C8FOSA	Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	83.2 %			40-130						
D3-NMEFOSAA	Surrogate: d3-N-MeFOSAA	75.3 %			40-135						
D5-NETFOSAA	Surrogate: d5-N-EtFOSAA	72.9 %			40-150						
M2-6:2FTS	Surrogate: M2-6:2 FTS	109 %			40-215						
M2-8:2FTS	Surrogate: M2-8:2 FTS	101 %			40-275						
13C9PFNA	Surrogate: M9PFNA	83.3 %			40-130						
M2-4:2FTS	Surrogate: M2-4:2 FTS	101 %			40-165						
936109-37-4	Surrogate: d-N-MeFOSA	63.9 %			10-130						
936109-40-9	Surrogate: d-N-EtFOSA	67.7 %			10-130						
M3HFPO-DA	Surrogate: M3HFPO-DA	82.6 %			40-130						
D9-NETPFOSA	Surrogate: d9-N-EtFOSE	73.9 %			15-130						
D7-NMEPFOSA	Surrogate: d7-N-MeFOSE	76.7 %			20-130						

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	86.2		%	0.100	1	SM 2540G Certifications: CTDPH-PH-0840	10/27/2025 16:54	10/27/2025 17:04	DD2

Sample Information

Client Sample ID: SB-9 12-24

York Sample ID: 25J1560-29

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 2:30 am

Date Received

10/24/2025

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



Sample Information

Client Sample ID: SB-9 12-24

York Sample ID: 25J1560-29

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25J1560

HPN Runway Env Management (JA257006)

Soil

October 24, 2025 2:30 am

10/24/2025

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	0.434	0.445	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:16	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	0.0779	0.197	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:16	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0557	0.223	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:16	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.122	0.223	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:16	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0779	0.204	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:16	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.0779	0.223	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:16	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	0.133	J	ug/kg dry	0.0779	0.207	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:16	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.156	0.223	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:16	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.0891	0.223	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:16	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.122	0.223	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:16	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0891	0.223	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:16	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.122	0.223	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:16	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.145	0.223	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:16	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.0891	0.223	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:16	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.557	0.557	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:16	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.0891	0.445	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:16	AM
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0334	0.223	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:16	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0779	0.223	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:16	AM
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0668	0.215	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:16	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.200	0.846	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:16	AM



Sample Information

Client Sample ID: SB-9 12-24

York Sample ID: 25J1560-29

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 2:30 am

Date Received

10/24/2025

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
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.178	0.855	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:16	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.178	0.891	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:16	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND		ug/kg dry	0.0668	0.396	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:16	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0445	0.445	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:16	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.134	0.445	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:16	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.0779	0.209	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:16	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.245	0.835	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:16	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ug/kg dry	0.256	0.891	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:16	AM
763051-92-9	11CL-PF3OUdS	ND		ug/kg dry	0.245	0.842	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:16	AM
756426-58-1	9CL-PF3ONS	ND		ug/kg dry	0.301	0.833	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:16	AM
919005-14-4	ADONA	ND		ug/kg dry	0.289	0.842	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:16	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND	PF-CC V-L	ug/kg dry	0.167	0.216	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:16	AM
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.156	0.214	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:16	AM
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.356	1.11	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:16	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	0.813	5.57	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:16	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.05	5.57	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:16	AM
24448-09-7	N-MeFOSE	ND		ug/kg dry	0.813	2.23	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:16	AM
31506-32-8	N-MeFOSA	ND		ug/kg dry	0.145	0.223	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:16	AM
1691-99-2	N-EtFOSE	ND		ug/kg dry	0.512	2.23	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:16	AM
4151-50-2	N-EtFOSA	ND		ug/kg dry	0.100	0.223	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:16	AM
Surrogate Recoveries		Result	Acceptance Range								
M3PFBS	Surrogate: M3PFBS	89.9 %	40-135								
338-30-1	Surrogate: M5PFHxA	79.8 %	40-130								



Sample Information

Client Sample ID: SB-9 12-24

York Sample ID: 25J1560-29

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 2:30 am

Date Received

10/24/2025

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
13C4PFHPA	Surrogate: M4PFHPA	78.5 %			40-130						
13C3PFHXS	Surrogate: M3PFHXS	88.8 %			40-130						
13C8PFOA	Surrogate: Perfluoro-n- [13C8]octanoic acid (M8PFOA)	73.6 %			40-130						
13C6PFDA	Surrogate: M6PFDA	77.6 %			40-130						
13C7PFUNA	Surrogate: M7PFUdA	80.2 %			40-130						
960315-52-0	Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)	73.7 %			40-130						
13C2PFTEDA	Surrogate: M2PFTeDA	59.6 %			20-130						
13C4PFBA	Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	83.8 %			8-130						
13C8PFOS	Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	86.3 %			40-130						
13C5PFPEA	Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	79.1 %			35-130						
13C8FOSA	Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	87.5 %			40-130						
D3-NMEFOSAA	Surrogate: d3-N-MeFOSAA	76.6 %			40-135						
D5-NETFOSAA	Surrogate: d5-N-EtFOSAA	76.1 %			40-150						
M2-6:2FTS	Surrogate: M2-6:2 FTS	99.5 %			40-215						
M2-8:2FTS	Surrogate: M2-8:2 FTS	101 %			40-275						
13C9PFNA	Surrogate: M9PFNA	85.6 %			40-130						
M2-4:2FTS	Surrogate: M2-4:2 FTS	101 %			40-165						
936109-37-4	Surrogate: d-N-MeFOSA	71.3 %			10-130						
936109-40-9	Surrogate: d-N-EtFOSA	71.7 %			10-130						
M3HFPO-DA	Surrogate: M3HFPO-DA	93.5 %			40-130						
D9-NETPFOSA	Surrogate: d9-N-EtFOSE	72.8 %			15-130						
D7-NMEPFOSA	Surrogate: d7-N-MeFOSE	76.9 %			20-130						

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	89.8		%	0.100	1	SM 2540G	10/27/2025 16:54	10/27/2025 17:04	DD2
							Certifications:	CTDPH-PH-0840		



Sample Information

Client Sample ID: SB-10 0-2

York Sample ID: 25J1560-30

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 3:15 am

Date Received

10/24/2025

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	0.501	0.513	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:30	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	0.0899	0.227	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:30	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	0.220	J	ug/kg dry	0.0642	0.257	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:30	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	0.284		ug/kg dry	0.141	0.257	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:30	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0899	0.235	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:30	AM
335-67-1	Perfluorooctanoic acid (PFOA)	0.910	PF-CC V-H	ug/kg dry	0.0899	0.257	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:30	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	0.966		ug/kg dry	0.0899	0.239	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:30	AM
375-95-1	Perfluorononanoic acid (PFNA)	0.328		ug/kg dry	0.180	0.257	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:30	AM
335-76-2	Perfluorodecanoic acid (PFDA)	0.197	J	ug/kg dry	0.103	0.257	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:30	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	0.226	J	ug/kg dry	0.141	0.257	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:30	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	0.126	J	ug/kg dry	0.103	0.257	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:30	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	0.144	J	ug/kg dry	0.141	0.257	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:30	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.167	0.257	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:30	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.103	0.257	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:30	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.642	0.642	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:30	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	0.242	J	ug/kg dry	0.103	0.513	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:30	AM
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0385	0.257	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:30	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0899	0.257	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:30	AM
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0770	0.248	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:30	AM



Sample Information

Client Sample ID: SB-10 0-2

York Sample ID: 25J1560-30

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25J1560

HPN Runway Env Management (JA257006)

Soil

October 24, 2025 3:15 am

10/24/2025

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
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.231	0.976	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:30	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.205	0.986	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:30	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	0.448	J	ug/kg dry	0.205	1.03	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:30	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEA)	ND		ug/kg dry	0.0770	0.457	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:30	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0513	0.513	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:30	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.154	0.513	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:30	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.0899	0.241	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:30	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.282	0.963	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:30	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ug/kg dry	0.295	1.03	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:30	AM
763051-92-9	11CL-PF3OUdS	ND		ug/kg dry	0.282	0.970	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:30	AM
756426-58-1	9CL-PF3ONS	ND		ug/kg dry	0.347	0.960	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:30	AM
919005-14-4	ADONA	ND		ug/kg dry	0.334	0.970	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:30	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND	PF-CC V-L	ug/kg dry	0.193	0.249	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:30	AM
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.180	0.246	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:30	AM
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.411	1.28	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:30	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	0.937	6.42	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:30	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.21	6.42	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:30	AM
24448-09-7	N-MeFOSE	ND		ug/kg dry	0.937	2.57	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:30	AM
31506-32-8	N-MeFOSA	ND		ug/kg dry	0.167	0.257	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:30	AM
1691-99-2	N-EtFOSE	ND		ug/kg dry	0.590	2.57	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:30	AM
4151-50-2	N-EtFOSA	ND		ug/kg dry	0.116	0.257	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 22:30	AM
Surrogate Recoveries		Result	Acceptance Range								



Sample Information

Client Sample ID: SB-10 0-2

York Sample ID: 25J1560-30

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25J1560

HPN Runway Env Management (JA257006)

Soil

October 24, 2025 3:15 am

10/24/2025

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
M3PFBS	Surrogate: M3PFBS	85.9 %			40-135						
338-30-1	Surrogate: M5PFHxA	81.0 %			40-130						
13C4PFHPA	Surrogate: M4PFHPA	72.2 %			40-130						
13C3PFHXS	Surrogate: M3PFHxS	87.1 %			40-130						
13C8PFOA	Surrogate: Perfluoro-n- [13C8]octanoic acid (M8PFOA)	71.8 %			40-130						
13C6PFDA	Surrogate: M6PFDA	79.3 %			40-130						
13C7PFUNA	Surrogate: M7PFUDa	87.6 %			40-130						
960315-52-0	Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)	78.3 %			40-130						
13C2PFTEDA	Surrogate: M2PFTeDA	69.5 %			20-130						
13C4PFBA	Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	83.0 %			8-130						
13C8PFOS	Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	85.8 %			40-130						
13C5PFPEA	Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	80.3 %			35-130						
13C8FOSA	Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	88.7 %			40-130						
D3-NMEFOSAA	Surrogate: d3-N-MeFOSAA	88.7 %			40-135						
D5-NETFOSAA	Surrogate: d5-N-EtFOSAA	86.1 %			40-150						
M2-6:2FTS	Surrogate: M2-6:2 FTS	123 %			40-215						
M2-8:2FTS	Surrogate: M2-8:2 FTS	116 %			40-275						
13C9PFNA	Surrogate: M9PFNA	85.1 %			40-130						
M2-4:2FTS	Surrogate: M2-4:2 FTS	116 %			40-165						
936109-37-4	Surrogate: d-N-MeFOSA	67.0 %			10-130						
936109-40-9	Surrogate: d-N-EtFOSA	71.7 %			10-130						
M3HFPO-DA	Surrogate: M3HFPO-DA	84.9 %			40-130						
D9-NETPFOSAI	Surrogate: d9-N-EtFOSE	73.1 %			15-130						
D7-NMEPFOSA	Surrogate: d7-N-MeFOSE	78.5 %			20-130						



Sample Information

Client Sample ID: SB-10 0-2

York Sample ID: 25J1560-30

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25J1560

HPN Runway Env Management (JA257006)

Soil

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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	77.9		%	0.100	1	SM 2540G Certifications: CTDPH-PH-0840	10/27/2025 16:54	10/27/2025 17:04	DD2

Sample Information

Client Sample ID: SB-10 2-12

York Sample ID: 25J1560-31

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

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HPN Runway Env Management (JA257006)

Soil

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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	0.462	0.474	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:13	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	0.0829	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:13	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	0.159	J	ug/kg dry	0.0592	0.237	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:13	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	0.180	J	ug/kg dry	0.130	0.237	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:13	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	0.227		ug/kg dry	0.0829	0.217	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:13	AM
335-67-1	Perfluorooctanoic acid (PFOA)	0.993		ug/kg dry	0.0829	0.237	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:13	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	0.666		ug/kg dry	0.0829	0.220	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:13	AM
375-95-1	Perfluorononanoic acid (PFNA)	0.236	J	ug/kg dry	0.166	0.237	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:13	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.0948	0.237	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:13	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.130	0.237	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:13	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0948	0.237	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:13	AM



Sample Information

Client Sample ID: SB-10 2-12

York Sample ID: 25J1560-31

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 3:15 am

Date Received

10/24/2025

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
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.130	0.237	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:13	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.154	0.237	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:13	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.0948	0.237	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:13	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.592	0.592	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:13	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	0.190	J	ug/kg dry	0.0948	0.474	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:13	AM
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0355	0.237	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:13	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0829	0.237	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:13	AM
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0711	0.229	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:13	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.213	0.901	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:13	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.190	0.910	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:13	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.190	0.948	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:13	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND		ug/kg dry	0.0711	0.422	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:13	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0474	0.474	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:13	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.142	0.474	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:13	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.0829	0.223	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:13	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.261	0.889	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:13	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ug/kg dry	0.273	0.948	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:13	AM
763051-92-9	11CL-PF3OUdS	ND		ug/kg dry	0.261	0.896	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:13	AM
756426-58-1	9CL-PF3ONS	ND		ug/kg dry	0.320	0.886	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:13	AM
919005-14-4	ADONA	ND		ug/kg dry	0.308	0.896	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:13	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.178	0.230	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:13	AM
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.166	0.228	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:13	AM



Sample Information

Client Sample ID: SB-10 2-12

York Sample ID: 25J1560-31

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 3:15 am

Date Received

10/24/2025

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
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.379	1.18	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:13	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	0.865	5.92	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:13	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.11	5.92	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:13	AM
24448-09-7	N-MeFOSE	ND		ug/kg dry	0.865	2.37	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:13	AM
31506-32-8	N-MeFOSA	ND		ug/kg dry	0.154	0.237	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:13	AM
1691-99-2	N-EtFOSE	ND		ug/kg dry	0.545	2.37	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:13	AM
4151-50-2	N-EtFOSA	ND		ug/kg dry	0.107	0.237	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:13	AM
Surrogate Recoveries		Result	Acceptance Range								
M3PFBS	Surrogate: M3PFBS	97.1 %	40-135								
338-30-1	Surrogate: M5PFHxA	80.0 %	40-130								
13C4PFHPA	Surrogate: M4PFHpA	77.9 %	40-130								
13C3PFHXS	Surrogate: M3PFHxS	92.2 %	40-130								
13C8PFOA	Surrogate: Perfluoro-n- [13C8]octanoic acid (M8PFOA)	79.5 %	40-130								
13C6PFDA	Surrogate: M6PFDA	83.1 %	40-130								
13C7PFUNA	Surrogate: M7PFUdA	78.4 %	40-130								
960315-52-0	Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)	74.4 %	40-130								
13C2PFTEDA	Surrogate: M2PFTeDA	74.3 %	20-130								
13C4PFBA	Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	80.9 %	8-130								
13C8PFOS	Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	92.2 %	40-130								
13C5PFPEA	Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	78.8 %	35-130								
13C8FOSA	Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	95.0 %	40-130								
D3-NMEFOSAA	Surrogate: d3-N-MeFOSAA	83.7 %	40-135								
D5-NETFOSAA	Surrogate: d5-N-EtFOSAA	82.0 %	40-150								
M2-6:2FTS	Surrogate: M2-6:2 FTS	117 %	40-215								
M2-8:2FTS	Surrogate: M2-8:2 FTS	105 %	40-275								
13C9PFNA	Surrogate: M9PFNA	88.9 %	40-130								
M2-4:2FTS	Surrogate: M2-4:2 FTS	113 %	40-165								
936109-37-4	Surrogate: d-N-MeFOSA	71.0 %	10-130								
936109-40-9	Surrogate: d-N-EtFOSA	78.8 %	10-130								



Sample Information

Client Sample ID: SB-10 2-12

York Sample ID: 25J1560-31

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 3:15 am

Date Received

10/24/2025

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
M3HFPO-DA	Surrogate: M3HFPO-DA	84.6 %			40-130						
D9-NETPFOSA	Surrogate: d9-N-EtFOSE	85.8 %			15-130						
D7-NMEPFOSA	Surrogate: d7-N-MeFOSE	90.5 %			20-130						

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	84.4		%	0.100	1	SM 2540G Certifications: CTDPH-PH-0840	10/27/2025 17:01	10/27/2025 17:12	DD2

Sample Information

Client Sample ID: SB-10 12-24

York Sample ID: 25J1560-32

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 3:20 am

Date Received

10/24/2025

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	0.484	0.496	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:28	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)	0.0925	J	ug/kg dry	0.0869	0.220	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:28	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	0.157	J	ug/kg dry	0.0620	0.248	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:28	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	0.164	J	ug/kg dry	0.136	0.248	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:28	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	0.583		ug/kg dry	0.0869	0.227	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:28	AM
335-67-1	Perfluorooctanoic acid (PFOA)	1.12		ug/kg dry	0.0869	0.248	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:28	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	0.655		ug/kg dry	0.0869	0.231	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:28	AM



Sample Information

Client Sample ID: SB-10 12-24

York Sample ID: 25J1560-32

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25J1560

HPN Runway Env Management (JA257006)

Soil

October 24, 2025 3:20 am

10/24/2025

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		ug/kg dry	0.174	0.248	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:28	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.0993	0.248	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:28	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.136	0.248	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:28	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0993	0.248	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:28	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.136	0.248	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:28	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.161	0.248	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:28	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.0993	0.248	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:28	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.620	0.620	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:28	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	0.168	J	ug/kg dry	0.0993	0.496	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:28	AM
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0372	0.248	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:28	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0869	0.248	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:28	AM
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0745	0.239	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:28	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.223	0.943	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:28	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.199	0.953	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:28	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.199	0.993	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:28	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND		ug/kg dry	0.0745	0.442	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:28	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0496	0.496	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:28	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.149	0.496	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:28	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.0869	0.233	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:28	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.273	0.931	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:28	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ug/kg dry	0.285	0.993	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:28	AM
763051-92-9	11CL-PF3OUdS	ND		ug/kg dry	0.273	0.938	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:28	AM



Sample Information

Client Sample ID: SB-10 12-24

York Sample ID: 25J1560-32

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 3:20 am

Date Received

10/24/2025

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		ug/kg dry	0.335	0.928	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:28	AM
919005-14-4	ADONA	ND		ug/kg dry	0.323	0.938	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:28	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.186	0.241	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:28	AM
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.174	0.238	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:28	AM
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.397	1.24	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:28	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	0.906	6.20	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:28	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.17	6.20	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:28	AM
24448-09-7	N-MeFOSE	ND		ug/kg dry	0.906	2.48	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:28	AM
31506-32-8	N-MeFOSA	ND		ug/kg dry	0.161	0.248	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:28	AM
1691-99-2	N-EtFOSE	ND		ug/kg dry	0.571	2.48	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:28	AM
4151-50-2	N-EtFOSA	ND		ug/kg dry	0.112	0.248	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:28	AM
Surrogate Recoveries		Result	Acceptance Range								
M3PFBS	Surrogate: M3PFBS	84.3 %	40-135								
338-30-1	Surrogate: M5PFHxA	67.4 %	40-130								
13C4PFHPA	Surrogate: M4PFHpA	69.2 %	40-130								
13C3PFHXS	Surrogate: M3PFHxS	74.0 %	40-130								
13C8PFOA	Surrogate: Perfluoro-n- [13C8]octanoic acid (M8PFOA)	66.5 %	40-130								
13C6PFDA	Surrogate: M6PFDA	74.5 %	40-130								
13C7PFUNA	Surrogate: M7PFUDa	69.4 %	40-130								
960315-52-0	Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)	64.8 %	40-130								
13C2PFTEDA	Surrogate: M2PFTeDA	75.7 %	20-130								
13C4PFBA	Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	71.9 %	8-130								
13C8PFOS	Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	74.3 %	40-130								
13C5PFPEA	Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	68.0 %	35-130								
13C8FOSA	Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	78.0 %	40-130								
D3-NMEFOSAA	Surrogate: d3-N-MeFOSAA	70.2 %	40-135								



Sample Information

Client Sample ID: SB-10 12-24

York Sample ID: 25J1560-32

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 3:20 am

Date Received

10/24/2025

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
D5-NETFOSAA	Surrogate: d5-N-EtFOSAA	65.9 %			40-150						
M2-6:2FTS	Surrogate: M2-6:2 FTS	102 %			40-215						
M2-8:2FTS	Surrogate: M2-8:2 FTS	109 %			40-275						
13C9PFNA	Surrogate: M9PFNA	75.8 %			40-130						
M2-4:2FTS	Surrogate: M2-4:2 FTS	99.1 %			40-165						
936109-37-4	Surrogate: d-N-MeFOSA	67.6 %			10-130						
936109-40-9	Surrogate: d-N-EtFOSA	58.1 %			10-130						
M3HFPO-DA	Surrogate: M3HFPO-DA	72.1 %			40-130						
D9-NETPFOSA	Surrogate: d9-N-EtFOSE	73.2 %			15-130						
D7-NMEPFOSA	Surrogate: d7-N-MeFOSE	77.6 %			20-130						

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	80.6		%	0.100	1	SM 2540G Certifications: CTDPH-PH-0840	10/27/2025 17:01	10/27/2025 17:12	DD2

Sample Information

Client Sample ID: SB-11 0-2

York Sample ID: 25J1560-33

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 3:45 am

Date Received

10/24/2025

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-dioxahexanoic acid (NFDHA)	ND	HT-NF D	ug/kg dry	0.507	0.520	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:42	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	0.0910	0.230	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:42	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0650	0.260	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:42	AM



Sample Information

Client Sample ID: SB-11 0-2

York Sample ID: 25J1560-33

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25J1560

HPN Runway Env Management (JA257006)

Soil

October 24, 2025 3:45 am

10/24/2025

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
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.143	0.260	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:42	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0910	0.238	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:42	AM
335-67-1	Perfluorooctanoic acid (PFOA)	0.370		ug/kg dry	0.0910	0.260	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:42	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	1.25		ug/kg dry	0.0910	0.242	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:42	AM
375-95-1	Perfluorononanoic acid (PFNA)	0.266		ug/kg dry	0.182	0.260	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:42	AM
335-76-2	Perfluorodecanoic acid (PFDA)	0.189	J	ug/kg dry	0.104	0.260	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:42	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	0.254	J	ug/kg dry	0.143	0.260	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:42	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	0.141	J	ug/kg dry	0.104	0.260	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:42	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.143	0.260	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:42	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.169	0.260	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:42	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.104	0.260	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:42	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.650	0.650	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:42	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.104	0.520	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:42	AM
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0390	0.260	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:42	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0910	0.260	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:42	AM
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0780	0.251	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:42	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.234	0.988	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:42	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.208	0.999	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:42	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.208	1.04	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:42	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND		ug/kg dry	0.0780	0.463	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:42	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0520	0.520	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:42	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.156	0.520	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:42	AM



Sample Information

Client Sample ID: SB-11 0-2

York Sample ID: 25J1560-33

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 3:45 am

Date Received

10/24/2025

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
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.0910	0.244	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:42	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.286	0.975	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:42	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ug/kg dry	0.299	1.04	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:42	AM
763051-92-9	11CL-PF3OUdS	ND		ug/kg dry	0.286	0.983	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:42	AM
756426-58-1	9CL-PF3ONS	ND		ug/kg dry	0.351	0.973	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:42	AM
919005-14-4	ADONA	ND		ug/kg dry	0.338	0.983	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:42	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.195	0.252	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:42	AM
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.182	0.250	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:42	AM
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.416	1.30	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:42	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	0.949	6.50	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:42	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.22	6.50	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:42	AM
24448-09-7	N-MeFOSE	ND		ug/kg dry	0.949	2.60	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:42	AM
31506-32-8	N-MeFOSA	ND		ug/kg dry	0.169	0.260	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:42	AM
1691-99-2	N-EtFOSE	ND		ug/kg dry	0.598	2.60	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:42	AM
4151-50-2	N-EtFOSA	ND		ug/kg dry	0.117	0.260	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:42	AM
Surrogate Recoveries		Result	Acceptance Range								
M3PFBS	Surrogate: M3PFBS	89.6 %	40-135								
338-30-1	Surrogate: M5PFHxA	76.0 %	40-130								
13C4PFHPA	Surrogate: M4PFHpA	72.1 %	40-130								
13C3PFHXS	Surrogate: M3PFHxS	85.7 %	40-130								
13C8PFOA	Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	74.3 %	40-130								
13C6PFDA	Surrogate: M6PFDA	69.6 %	40-130								
13C7PFUNA	Surrogate: M7PFUdA	69.4 %	40-130								
960315-52-0	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	66.1 %	40-130								
13C2PFTEDA	Surrogate: M2PFTeDA	60.2 %	20-130								



Sample Information

Client Sample ID: SB-11 0-2

York Sample ID: 25J1560-33

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 3:45 am

Date Received

10/24/2025

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
13C4PFBA	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	81.0 %			8-130						
13C8PFOS	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	92.5 %			40-130						
13C5PFPEA	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	75.7 %			35-130						
13C8FOSA	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	80.4 %			40-130						
D3-NMEFOSAA	Surrogate: d3-N-MeFOSAA	77.5 %			40-135						
D5-NETFOSAA	Surrogate: d5-N-EtFOSAA	84.8 %			40-150						
M2-6:2FTS	Surrogate: M2-6:2 FTS	118 %			40-215						
M2-8:2FTS	Surrogate: M2-8:2 FTS	131 %			40-275						
13C9PFNA	Surrogate: M9PFNA	79.7 %			40-130						
M2-4:2FTS	Surrogate: M2-4:2 FTS	115 %			40-165						
936109-37-4	Surrogate: d-N-MeFOSA	60.4 %			10-130						
936109-40-9	Surrogate: d-N-EtFOSA	58.1 %			10-130						
M3HFPO-DA	Surrogate: M3HFPO-DA	77.7 %			40-130						
D9-NETPFOSA	Surrogate: d9-N-EtFOSE	71.7 %			15-130						
D7-NMEPFOSA	Surrogate: d7-N-MeFOSE	71.3 %			20-130						

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	76.9		%	0.100	1	SM 2540G Certifications: CTDPH-PH-0840	10/27/2025 17:01	10/27/2025 17:12	DD2

Sample Information

Client Sample ID: SB-11 2-12

York Sample ID: 25J1560-34

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 3:45 am

Date Received

10/24/2025

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-dioxahptanoic acid (NFDHA)	ND	HT-NF D	ug/kg dry	0.455	0.466	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:56	AM



Sample Information

Client Sample ID: SB-11 2-12

York Sample ID: 25J1560-34

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 3:45 am

Date Received

10/24/2025

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		ug/kg dry	0.0816	0.206	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:56	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	0.0750	J	ug/kg dry	0.0583	0.233	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:56	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.128	0.233	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:56	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0816	0.213	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:56	AM
335-67-1	Perfluorooctanoic acid (PFOA)	0.527		ug/kg dry	0.0816	0.233	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:56	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	0.491		ug/kg dry	0.0816	0.217	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:56	AM
375-95-1	Perfluorononanoic acid (PFNA)	0.202	J	ug/kg dry	0.163	0.233	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:56	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.0933	0.233	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:56	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.128	0.233	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:56	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0933	0.233	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:56	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.128	0.233	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:56	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.152	0.233	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:56	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.0933	0.233	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:56	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.583	0.583	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:56	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	0.134	J	ug/kg dry	0.0933	0.466	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:56	AM
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0350	0.233	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:56	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0816	0.233	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:56	AM
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0700	0.225	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:56	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.210	0.886	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:56	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.187	0.895	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:56	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.187	0.933	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:56	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEA)	ND		ug/kg dry	0.0700	0.415	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:56	AM



Sample Information

Client Sample ID: SB-11 2-12

York Sample ID: 25J1560-34

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 3:45 am

Date Received

10/24/2025

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
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0466	0.466	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:56	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.140	0.466	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:56	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.0816	0.219	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:56	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.257	0.874	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:56	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ug/kg dry	0.268	0.933	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:56	AM
763051-92-9	11CL-PF3OUdS	ND		ug/kg dry	0.257	0.881	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:56	AM
756426-58-1	9CL-PF3ONS	ND		ug/kg dry	0.315	0.872	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:56	AM
919005-14-4	ADONA	ND		ug/kg dry	0.303	0.881	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:56	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.175	0.226	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:56	AM
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.163	0.224	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:56	AM
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.373	1.17	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:56	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	0.851	5.83	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:56	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.10	5.83	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:56	AM
24448-09-7	N-MeFOSE	ND		ug/kg dry	0.851	2.33	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:56	AM
31506-32-8	N-MeFOSA	ND		ug/kg dry	0.152	0.233	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:56	AM
1691-99-2	N-EtFOSE	ND		ug/kg dry	0.536	2.33	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:56	AM
4151-50-2	N-EtFOSA	ND		ug/kg dry	0.105	0.233	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/08/2025 23:56	AM
Surrogate Recoveries		Result	Acceptance Range								
M3PFBS	Surrogate: M3PFBS	91.5 %	40-135								
338-30-1	Surrogate: M5PFHxA	81.0 %	40-130								
13C4PFHPA	Surrogate: M4PFHpA	78.9 %	40-130								
13C3PFHXS	Surrogate: M3PFHxS	82.4 %	40-130								
13C8PFOA	Surrogate: Perfluoro-n- [13C8]octanoic acid (M8PFOA)	73.3 %	40-130								
13C6PFDA	Surrogate: M6PFDA	79.6 %	40-130								
13C7PFUNA	Surrogate: M7PFUDA	75.3 %	40-130								



Sample Information

Client Sample ID: SB-11 2-12

York Sample ID: 25J1560-34

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 3:45 am

Date Received

10/24/2025

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
960315-52-0	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	77.5 %			40-130						
13C2PFTEDA	Surrogate: M2PFTeDA	78.8 %			20-130						
13C4PFBA	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	82.6 %			8-130						
13C8PFOS	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	83.9 %			40-130						
13C5PFPEA	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	79.0 %			35-130						
13C8FOSA	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	89.5 %			40-130						
D3-NMEFOSAA	Surrogate: d3-N-MeFOSAA	82.9 %			40-135						
D5-NETFOSAA	Surrogate: d5-N-EtFOSAA	81.3 %			40-150						
M2-6:2FTS	Surrogate: M2-6:2 FTS	104 %			40-215						
M2-8:2FTS	Surrogate: M2-8:2 FTS	107 %			40-275						
13C9PFNA	Surrogate: M9PFNA	86.6 %			40-130						
M2-4:2FTS	Surrogate: M2-4:2 FTS	104 %			40-165						
936109-37-4	Surrogate: d-N-MeFOSA	68.7 %			10-130						
936109-40-9	Surrogate: d-N-EtFOSA	68.5 %			10-130						
M3HFPO-DA	Surrogate: M3HFPO-DA	85.7 %			40-130						
D9-NETPFOSA	Surrogate: d9-N-EtFOSE	80.8 %			15-130						
D7-NMEPFOSA	Surrogate: d7-N-MeFOSE	81.0 %			20-130						

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	85.8		%	0.100	1	SM 2540G	10/27/2025 17:01	10/27/2025 17:12	DD2
							Certifications:	CTDPH-PH-0840		

Sample Information

Client Sample ID: SB-11 12-24

York Sample ID: 25J1560-35

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 4:10 am

Date Received

10/24/2025

Q P PFAS, EPA 1633a NFDHA

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: SB-11 12-24

York Sample ID: 25J1560-35

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25J1560

HPN Runway Env Management (JA257006)

Soil

October 24, 2025 4:10 am

10/24/2025

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	0.446	0.457	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:11	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	0.0801	0.202	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:11	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	0.157	J	ug/kg dry	0.0572	0.229	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:11	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	0.164	J	ug/kg dry	0.126	0.229	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:11	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0801	0.209	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:11	AM
335-67-1	Perfluorooctanoic acid (PFOA)	0.788		ug/kg dry	0.0801	0.229	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:11	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	0.391		ug/kg dry	0.0801	0.213	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:11	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.160	0.229	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:11	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.0915	0.229	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:11	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.126	0.229	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:11	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0915	0.229	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:11	AM
72629-94-8	Perfluorotridecanoic acid (PFTTrDA)	ND		ug/kg dry	0.126	0.229	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:11	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.149	0.229	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:11	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.0915	0.229	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:11	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.572	0.572	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:11	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	0.164	J	ug/kg dry	0.0915	0.457	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:11	AM
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0343	0.229	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:11	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0801	0.229	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:11	AM
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0686	0.221	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:11	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.206	0.869	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:11	AM



Sample Information

Client Sample ID: SB-11 12-24

York Sample ID: 25J1560-35

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 4:10 am

Date Received

10/24/2025

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
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.183	0.878	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:11	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.183	0.915	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:11	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND		ug/kg dry	0.0686	0.407	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:11	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0457	0.457	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:11	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.137	0.457	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:11	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.0801	0.215	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:11	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.252	0.858	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:11	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ug/kg dry	0.263	0.915	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:11	AM
763051-92-9	11CL-PF3OUdS	ND		ug/kg dry	0.252	0.865	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:11	AM
756426-58-1	9CL-PF3ONS	ND		ug/kg dry	0.309	0.855	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:11	AM
919005-14-4	ADONA	ND		ug/kg dry	0.297	0.865	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:11	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.172	0.222	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:11	AM
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.160	0.220	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:11	AM
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.366	1.14	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:11	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	0.835	5.72	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:11	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.08	5.72	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:11	AM
24448-09-7	N-MeFOSE	ND		ug/kg dry	0.835	2.29	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:11	AM
31506-32-8	N-MeFOSA	ND		ug/kg dry	0.149	0.229	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:11	AM
1691-99-2	N-EtFOSE	ND		ug/kg dry	0.526	2.29	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:11	AM
4151-50-2	N-EtFOSA	ND		ug/kg dry	0.103	0.229	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:11	AM
Surrogate Recoveries		Result	Acceptance Range								
M3PFBS	Surrogate: M3PFBS	94.7 %	40-135								
338-30-1	Surrogate: M5PFHxA	80.7 %	40-130								



Sample Information

Client Sample ID: SB-11 12-24

York Sample ID: 25J1560-35

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 4:10 am

Date Received

10/24/2025

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
13C4PFHPA	Surrogate: M4PFHPA	84.6 %			40-130						
13C3PFHXS	Surrogate: M3PFHXS	90.7 %			40-130						
13C8PFOA	Surrogate: Perfluoro-n- [13C8]octanoic acid (M8PFOA)	79.3 %			40-130						
13C6PFDA	Surrogate: M6PFDA	76.7 %			40-130						
13C7PFUNA	Surrogate: M7PFUdA	75.2 %			40-130						
960315-52-0	Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)	63.8 %			40-130						
13C2PFTEDA	Surrogate: M2PFTeDA	58.8 %			20-130						
13C4PFBA	Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	84.0 %			8-130						
13C8PFOS	Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	90.8 %			40-130						
13C5PFPEA	Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	80.4 %			35-130						
13C8FOSA	Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	91.9 %			40-130						
D3-NMEFOSAA	Surrogate: d3-N-MeFOSAA	76.1 %			40-135						
D5-NETFOSAA	Surrogate: d5-N-EtFOSAA	81.0 %			40-150						
M2-6:2FTS	Surrogate: M2-6:2 FTS	104 %			40-215						
M2-8:2FTS	Surrogate: M2-8:2 FTS	104 %			40-275						
13C9PFNA	Surrogate: M9PFNA	89.6 %			40-130						
M2-4:2FTS	Surrogate: M2-4:2 FTS	108 %			40-165						
936109-37-4	Surrogate: d-N-MeFOSA	72.9 %			10-130						
936109-40-9	Surrogate: d-N-EtFOSA	73.3 %			10-130						
M3HFPO-DA	Surrogate: M3HFPO-DA	92.8 %			40-130						
D9-NETPFOSA	Surrogate: d9-N-EtFOSE	66.6 %			15-130						
D7-NMEPFOSA	Surrogate: d7-N-MeFOSE	72.0 %			20-130						

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	87.4		%	0.100	1	SM 2540G	10/27/2025 17:01	10/27/2025 17:12	DD2
							Certifications:	CTDPH-PH-0840		



Sample Information

Client Sample ID: SB-13 0-2

York Sample ID: 25J1560-36

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25J1560

HPN Runway Env Management (JA257006)

Soil

October 24, 2025 1:45 am

10/24/2025

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	0.480	0.492	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:25	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	0.0861	0.218	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:25	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	0.126	J	ug/kg dry	0.0615	0.246	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:25	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	0.162	J	ug/kg dry	0.135	0.246	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:25	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	0.207	J	ug/kg dry	0.0861	0.225	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:25	AM
335-67-1	Perfluorooctanoic acid (PFOA)	0.402		ug/kg dry	0.0861	0.246	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:25	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	5.68		ug/kg dry	0.0861	0.229	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:25	AM
375-95-1	Perfluorononanoic acid (PFNA)	0.268		ug/kg dry	0.172	0.246	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:25	AM
335-76-2	Perfluorodecanoic acid (PFDA)	0.163	J	ug/kg dry	0.0984	0.246	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:25	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	0.295		ug/kg dry	0.135	0.246	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:25	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	0.154	J	ug/kg dry	0.0984	0.246	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:25	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	0.141	J	ug/kg dry	0.135	0.246	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:25	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.160	0.246	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:25	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.0984	0.246	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:25	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.615	0.615	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:25	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	0.129	J	ug/kg dry	0.0984	0.492	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:25	AM
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0369	0.246	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:25	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0861	0.246	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:25	AM
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0738	0.237	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:25	AM



Sample Information

Client Sample ID: SB-13 0-2

York Sample ID: 25J1560-36

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25J1560

HPN Runway Env Management (JA257006)

Soil

October 24, 2025 1:45 am

10/24/2025

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
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.221	0.935	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:25	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.197	0.945	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:25	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.197	0.984	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:25	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND		ug/kg dry	0.0738	0.438	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:25	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0492	0.492	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:25	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.148	0.492	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:25	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.0861	0.231	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:25	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.271	0.923	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:25	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ug/kg dry	0.283	0.984	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:25	AM
763051-92-9	11CL-PF3OUdS	ND		ug/kg dry	0.271	0.930	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:25	AM
756426-58-1	9CL-PF3ONS	ND		ug/kg dry	0.332	0.920	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:25	AM
919005-14-4	ADONA	ND		ug/kg dry	0.320	0.930	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:25	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.185	0.239	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:25	AM
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.172	0.236	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:25	AM
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.394	1.23	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:25	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	0.898	6.15	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:25	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.16	6.15	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:25	AM
24448-09-7	N-MeFOSE	ND		ug/kg dry	0.898	2.46	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:25	AM
31506-32-8	N-MeFOSA	ND		ug/kg dry	0.160	0.246	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:25	AM
1691-99-2	N-EtFOSE	ND		ug/kg dry	0.566	2.46	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:25	AM
4151-50-2	N-EtFOSA	ND		ug/kg dry	0.111	0.246	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:25	AM

Surrogate Recoveries

Result

Acceptance Range



Sample Information

Client Sample ID: SB-13 0-2

York Sample ID: 25J1560-36

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25J1560

HPN Runway Env Management (JA257006)

Soil

October 24, 2025 1:45 am

10/24/2025

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
M3PFBS	Surrogate: M3PFBS	90.2 %			40-135						
338-30-1	Surrogate: M5PFHxA	81.9 %			40-130						
13C4PFHPA	Surrogate: M4PFHPA	78.8 %			40-130						
13C3PFHXS	Surrogate: M3PFHXS	84.6 %			40-130						
13C8PFOA	Surrogate: Perfluoro-n- [13C8]octanoic acid (M8PFOA)	76.5 %			40-130						
13C6PFDA	Surrogate: M6PFDA	75.8 %			40-130						
13C7PFUNA	Surrogate: M7PFUDA	80.9 %			40-130						
960315-52-0	Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)	69.4 %			40-130						
13C2PFTEDA	Surrogate: M2PFTEDA	76.6 %			20-130						
13C4PFBA	Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	83.9 %			8-130						
13C8PFOS	Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	75.5 %			40-130						
13C5PFPEA	Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	78.9 %			35-130						
13C8FOSA	Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	81.8 %			40-130						
D3-NMEFOSAA	Surrogate: d3-N-MeFOSAA	76.8 %			40-135						
D5-NETFOSAA	Surrogate: d5-N-EtFOSAA	78.2 %			40-150						
M2-6:2FTS	Surrogate: M2-6:2 FTS	101 %			40-215						
M2-8:2FTS	Surrogate: M2-8:2 FTS	105 %			40-275						
13C9PFNA	Surrogate: M9PFNA	83.9 %			40-130						
M2-4:2FTS	Surrogate: M2-4:2 FTS	104 %			40-165						
936109-37-4	Surrogate: d-N-MeFOSA	69.5 %			10-130						
936109-40-9	Surrogate: d-N-EtFOSA	63.4 %			10-130						
M3HFPO-DA	Surrogate: M3HFPO-DA	90.9 %			40-130						
D9-NETPFOSAI	Surrogate: d9-N-EtFOSE	70.8 %			15-130						
D7-NMEPFOSA	Surrogate: d7-N-MeFOSE	75.7 %			20-130						



Sample Information

Client Sample ID: SB-13 0-2

York Sample ID: 25J1560-36

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25J1560

HPN Runway Env Management (JA257006)

Soil

October 24, 2025 1:45 am

10/24/2025

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	81.3		%	0.100	1	SM 2540G Certifications: CTDPH-PH-0840	10/27/2025 17:01	10/27/2025 17:12	DD2

Sample Information

Client Sample ID: SB-13 2-12

York Sample ID: 25J1560-37

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25J1560

HPN Runway Env Management (JA257006)

Soil

October 24, 2025 1:45 am

10/24/2025

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	0.455	0.467	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:39	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	0.0817	0.207	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:39	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0584	0.233	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:39	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.128	0.233	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:39	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	0.130	J	ug/kg dry	0.0817	0.214	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:39	AM
335-67-1	Perfluorooctanoic acid (PFOA)	0.273		ug/kg dry	0.0817	0.233	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:39	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	3.44		ug/kg dry	0.0817	0.217	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:39	AM
375-95-1	Perfluorononanoic acid (PFNA)	0.171	J	ug/kg dry	0.163	0.233	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:39	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.0934	0.233	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:39	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.128	0.233	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:39	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0934	0.233	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:39	AM



Sample Information

Client Sample ID: SB-13 2-12

York Sample ID: 25J1560-37

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 1:45 am

Date Received

10/24/2025

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
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.128	0.233	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:39	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.152	0.233	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:39	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.0934	0.233	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:39	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.584	0.584	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:39	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	0.0955	J	ug/kg dry	0.0934	0.467	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:39	AM
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0350	0.233	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:39	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0817	0.233	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:39	AM
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0700	0.225	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:39	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.210	0.887	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:39	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.187	0.896	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:39	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.187	0.934	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:39	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND		ug/kg dry	0.0700	0.416	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:39	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0467	0.467	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:39	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.140	0.467	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:39	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.0817	0.219	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:39	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.257	0.875	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:39	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ug/kg dry	0.268	0.934	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:39	AM
763051-92-9	11CL-PF3OUdS	ND		ug/kg dry	0.257	0.882	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:39	AM
756426-58-1	9CL-PF3ONS	ND		ug/kg dry	0.315	0.873	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:39	AM
919005-14-4	ADONA	ND		ug/kg dry	0.303	0.882	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:39	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.175	0.226	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:39	AM
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.163	0.224	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:39	AM



Sample Information

Client Sample ID: SB-13 2-12

York Sample ID: 25J1560-37

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25J1560

HPN Runway Env Management (JA257006)

Soil

October 24, 2025 1:45 am

10/24/2025

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
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.374	1.17	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:39	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	0.852	5.84	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:39	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.10	5.84	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:39	AM
24448-09-7	N-MeFOSE	ND		ug/kg dry	0.852	2.33	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:39	AM
31506-32-8	N-MeFOSA	ND		ug/kg dry	0.152	0.233	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:39	AM
1691-99-2	N-EtFOSE	ND		ug/kg dry	0.537	2.33	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:39	AM
4151-50-2	N-EtFOSA	ND		ug/kg dry	0.105	0.233	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:39	AM
Surrogate Recoveries		Result	Acceptance Range								
M3PFBS	Surrogate: M3PFBS	88.3 %	40-135								
338-30-1	Surrogate: M5PFHxA	83.3 %	40-130								
13C4PFHPA	Surrogate: M4PFHpA	81.6 %	40-130								
13C3PFHXS	Surrogate: M3PFHxS	87.0 %	40-130								
13C8PFOA	Surrogate: Perfluoro-n- [13C8]octanoic acid (M8PFOA)	81.5 %	40-130								
13C6PFDA	Surrogate: M6PFDA	79.0 %	40-130								
13C7PFUNA	Surrogate: M7PFUdA	82.5 %	40-130								
960315-52-0	Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)	72.0 %	40-130								
13C2PFTEDA	Surrogate: M2PFTeDA	73.1 %	20-130								
13C4PFBA	Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	85.9 %	8-130								
13C8PFOS	Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	88.3 %	40-130								
13C5PFPEA	Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	81.6 %	35-130								
13C8FOSA	Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	87.0 %	40-130								
D3-NMEFOSAA	Surrogate: d3-N-MeFOSAA	73.9 %	40-135								
D5-NETFOSAA	Surrogate: d5-N-EtFOSAA	74.9 %	40-150								
M2-6:2FTS	Surrogate: M2-6:2 FTS	101 %	40-215								
M2-8:2FTS	Surrogate: M2-8:2 FTS	99.9 %	40-275								
13C9PFNA	Surrogate: M9PFNA	85.1 %	40-130								
M2-4:2FTS	Surrogate: M2-4:2 FTS	101 %	40-165								
936109-37-4	Surrogate: d-N-MeFOSA	65.2 %	10-130								
936109-40-9	Surrogate: d-N-EtFOSA	60.8 %	10-130								



Sample Information

Client Sample ID: SB-13 2-12

York Sample ID: 25J1560-37

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 1:45 am

Date Received

10/24/2025

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
M3HFPO-DA	Surrogate: M3HFPO-DA	88.1 %			40-130						
D9-NETPFOSA	Surrogate: d9-N-EtFOSE	76.6 %			15-130						
D7-NMEPFOSA	Surrogate: d7-N-MeFOSE	78.2 %			20-130						

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	85.7		%	0.100	1	SM 2540G Certifications: CTDPH-PH-0840	10/27/2025 17:01	10/27/2025 17:12	DD2

Sample Information

Client Sample ID: SB-13 12-24

York Sample ID: 25J1560-38

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 1:55 am

Date Received

10/24/2025

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	0.434	0.445	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:53	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	0.0779	0.197	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:53	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	0.0592	J	ug/kg dry	0.0556	0.222	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:53	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.122	0.222	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:53	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	0.176	J	ug/kg dry	0.0779	0.204	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:53	AM
335-67-1	Perfluorooctanoic acid (PFOA)	0.275		ug/kg dry	0.0779	0.222	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:53	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	3.83		ug/kg dry	0.0779	0.207	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:53	AM



Sample Information

Client Sample ID: SB-13 12-24

York Sample ID: 25J1560-38

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 1:55 am

Date Received

10/24/2025

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		ug/kg dry	0.156	0.222	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:53	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.0890	0.222	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:53	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.122	0.222	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:53	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0890	0.222	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:53	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.122	0.222	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:53	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.145	0.222	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:53	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.0890	0.222	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:53	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.556	0.556	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:53	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.0890	0.445	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:53	AM
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0334	0.222	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:53	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0779	0.222	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:53	AM
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0667	0.215	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:53	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.200	0.845	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:53	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.178	0.854	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:53	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.178	0.890	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:53	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.0667	0.396	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:53	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0445	0.445	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:53	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.133	0.445	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:53	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.0779	0.209	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:53	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.245	0.834	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:53	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ug/kg dry	0.256	0.890	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:53	AM
763051-92-9	11CL-PF3OUdS	ND		ug/kg dry	0.245	0.841	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:53	AM



Sample Information

Client Sample ID: SB-13 12-24

York Sample ID: 25J1560-38

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 1:55 am

Date Received

10/24/2025

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		ug/kg dry	0.300	0.832	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:53	AM
919005-14-4	ADONA	ND		ug/kg dry	0.289	0.841	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:53	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.167	0.216	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:53	AM
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.156	0.214	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:53	AM
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.356	1.11	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:53	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	0.812	5.56	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:53	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.05	5.56	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:53	AM
24448-09-7	N-MeFOSE	ND		ug/kg dry	0.812	2.22	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:53	AM
31506-32-8	N-MeFOSA	ND		ug/kg dry	0.145	0.222	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:53	AM
1691-99-2	N-EtFOSE	ND		ug/kg dry	0.512	2.22	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:53	AM
4151-50-2	N-EtFOSA	ND		ug/kg dry	0.100	0.222	1	EPA 1633A Certifications: NYSDOH-NY12058	11/05/2025 14:35	11/09/2025 00:53	AM
Surrogate Recoveries		Result	Acceptance Range								
M3PFBS	Surrogate: M3PFBS	90.0 %	40-135								
338-30-1	Surrogate: M5PFHxA	81.6 %	40-130								
13C4PFHPA	Surrogate: M4PFHpA	84.2 %	40-130								
13C3PFHXS	Surrogate: M3PFHxS	84.4 %	40-130								
13C8PFOA	Surrogate: Perfluoro-n- [13C8]octanoic acid (M8PFOA)	77.2 %	40-130								
13C6PFDA	Surrogate: M6PFDA	72.4 %	40-130								
13C7PFUNA	Surrogate: M7PFUDa	75.7 %	40-130								
960315-52-0	Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)	63.6 %	40-130								
13C2PFTEDA	Surrogate: M2PFTeDA	74.4 %	20-130								
13C4PFBA	Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	83.8 %	8-130								
13C8PFOS	Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	85.3 %	40-130								
13C5PFPEA	Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	81.1 %	35-130								
13C8FOSA	Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	87.1 %	40-130								
D3-NMEFOSAA	Surrogate: d3-N-MeFOSAA	83.5 %	40-135								



Sample Information

Client Sample ID: SB-13 12-24

York Sample ID: 25J1560-38

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 24, 2025 1:55 am

Date Received

10/24/2025

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
D5-NETFOSAA	Surrogate: d5-N-EtFOSAA	76.6 %			40-150						
M2-6:2FTS	Surrogate: M2-6:2 FTS	101 %			40-215						
M2-8:2FTS	Surrogate: M2-8:2 FTS	105 %			40-275						
13C9PFNA	Surrogate: M9PFNA	95.5 %			40-130						
M2-4:2FTS	Surrogate: M2-4:2 FTS	100 %			40-165						
936109-37-4	Surrogate: d-N-MeFOSA	68.3 %			10-130						
936109-40-9	Surrogate: d-N-EtFOSA	70.9 %			10-130						
M3HFPO-DA	Surrogate: M3HFPO-DA	88.3 %			40-130						
D9-NETPFOSA	Surrogate: d9-N-EtFOSE	77.4 %			15-130						
D7-NMEPFOSA	Surrogate: d7-N-MeFOSE	80.5 %			20-130						

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	89.9		%	0.100	1	SM 2540G Certifications: CTDPH-PH-0840	10/27/2025 17:01	10/27/2025 17:12	DD2

Sample Information

Client Sample ID: TB

York Sample ID: 25J1560-39

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Water

Collection Date/Time

October 23, 2025 12:00 am

Date Received

10/24/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	10/31/2025 07:00	10/31/2025 17:20	PMB
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	10/31/2025 07:00	10/31/2025 17:20	PMB
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	10/31/2025 07:00	10/31/2025 17:20	PMB
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	10/31/2025 07:00	10/31/2025 17:20	PMB
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	10/31/2025 07:00	10/31/2025 17:20	PMB



Sample Information

Client Sample ID: TB

York Sample ID: 25J1560-39

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Water

Collection Date/Time

October 23, 2025 12:00 am

Date Received

10/24/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 17:20	PMB
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 17:20	PMB
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 17:20	PMB
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 17:20	PMB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 17:20	PMB
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 17:20	PMB
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 17:20	PMB
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 17:20	PMB
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 17:20	PMB
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 17:20	PMB
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 17:20	PMB
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 17:20	PMB
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 17:20	PMB
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 17:20	PMB
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 17:20	PMB
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 17:20	PMB
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 17:20	PMB
108-10-1	4-Methyl-2-pentanone	0.390	J	ug/L	0.365	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 17:20	PMB
67-64-1	Acetone	1.50	J	ug/L	1.34	2.00	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 17:20	PMB
107-02-8	Acrolein	ND		ug/L	0.447	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 17:20	PMB
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 17:20	PMB
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 17:20	PMB
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 17:20	PMB



Sample Information

Client Sample ID: TB

York Sample ID: 25J1560-39

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Water

Collection Date/Time

October 23, 2025 12:00 am

Date Received

10/24/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 17:20	PMB
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 17:20	PMB
74-83-9	Bromomethane	ND	CCVE	ug/L	0.500	2.00	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 17:20	PMB
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 17:20	PMB
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 17:20	PMB
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 17:20	PMB
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 17:20	PMB
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 17:20	PMB
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 17:20	PMB
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 17:20	PMB
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 17:20	PMB
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 17:20	PMB
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 17:20	PMB
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 17:20	PMB
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 17:20	PMB
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 17:20	PMB
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 17:20	PMB
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 17:20	PMB
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 17:20	PMB
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 17:20	PMB
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 17:20	PMB
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 17:20	PMB
91-20-3	Naphthalene	0.290	J, B	ug/L	0.212	2.00	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 17:20	PMB



Sample Information

Client Sample ID: TB

York Sample ID: 25J1560-39

York Project (SDG) No.

25J1560

Client Project ID

HPN Runway Env Management (JA257006)

Matrix

Water

Collection Date/Time

October 23, 2025 12:00 am

Date Received

10/24/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 17:20	PMB
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 17:20	PMB
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 17:20	PMB
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 17:20	PMB
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 17:20	PMB
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 17:20	PMB
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 17:20	PMB
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 17:20	PMB
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 17:20	PMB
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 17:20	PMB
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 17:20	PMB
127-18-4	Tetrachloroethylene	ND	CCVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 17:20	PMB
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 17:20	PMB
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 17:20	PMB
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 17:20	PMB
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 17:20	PMB
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 17:20	PMB
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 17:20	PMB
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D Certifications:	10/31/2025 07:00	10/31/2025 17:20	PMB
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	102 %	69-130								
2037-26-5	Surrogate: SURRE: Toluene-d8	116 %	81-117								
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	102 %	79-122								



Analytical Batch Summary

Batch ID: [none]

Preparation Method: SW846-%Solid

Prepared By:

YORK Sample ID	Client Sample ID	Preparation Date
25J1560-05	SB-6 COMP	10/24/25
25J1560-05	SB-6 COMP	10/24/25
25J1560-09	SB-7 COMP	10/24/25
25J1560-09	SB-7 COMP	10/24/25
25J1560-10	DUPE COMP	10/24/25
25J1560-10	DUPE COMP	10/24/25
25J1560-14	SB-14 Comp	10/24/25
25J1560-14	SB-14 Comp	10/24/25
25J1560-18	SB-12 COMP	10/24/25
25J1560-18	SB-12 COMP	10/24/25

Batch ID: BJ51684

Preparation Method: EPA 8151A

Prepared By: YL

YORK Sample ID	Client Sample ID	Preparation Date
25J1560-21	RINSATE COMP	10/26/25
BJ51684-BLK1	Blank	10/26/25
BJ51684-BS1	LCS	10/26/25
BJ51684-BSD1	LCS Dup	10/26/25

Batch ID: BJ51702

Preparation Method: EPA 3015A

Prepared By: DHD

YORK Sample ID	Client Sample ID	Preparation Date
25J1560-21	RINSATE COMP	10/27/25
BJ51702-BLK1	Blank	10/27/25
BJ51702-BS1	LCS	10/27/25

Batch ID: BJ51717

Preparation Method: EPA 3510C

Prepared By: NERP

YORK Sample ID	Client Sample ID	Preparation Date
25J1560-21	RINSATE COMP	10/27/25
BJ51717-BLK1	Blank	10/27/25
BJ51717-BS1	LCS	10/27/25
BJ51717-BSD1	LCS Dup	10/27/25

Batch ID: BJ51718

Preparation Method: EPA 3510C

Prepared By: NERP

YORK Sample ID	Client Sample ID	Preparation Date
25J1560-21	RINSATE COMP	10/27/25
BJ51718-BLK2	Blank	10/27/25
BJ51718-BS2	LCS	10/27/25

**Batch ID:** BJ51719**Preparation Method:** % Solids Prep**Prepared By:** CAD

YORK Sample ID	Client Sample ID	Preparation Date
25J1560-05	SB-6 COMP	10/27/25
25J1560-09	SB-7 COMP	10/27/25
25J1560-10	DUPE COMP	10/27/25
25J1560-14	SB-14 Comp	10/27/25
25J1560-18	SB-12 COMP	10/27/25
BJ51719-DUP1	Duplicate	10/27/25

Batch ID: BJ51722**Preparation Method:** EPA 3550C/8151A**Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
25J1560-05	SB-6 COMP	10/27/25
25J1560-09	SB-7 COMP	10/27/25
25J1560-10	DUPE COMP	10/27/25
25J1560-18	SB-12 COMP	10/27/25
BJ51722-BLK1	Blank	10/27/25
BJ51722-BS1	LCS	10/27/25

Batch ID: BJ51726**Preparation Method:** EPA 3546 PPCB**Prepared By:** AJF

YORK Sample ID	Client Sample ID	Preparation Date
25J1560-05	SB-6 COMP	10/27/25
25J1560-09	SB-7 COMP	10/27/25
25J1560-10	DUPE COMP	10/27/25
25J1560-14	SB-14 Comp	10/27/25
25J1560-18	SB-12 COMP	10/27/25
BJ51726-BLK2	Blank	10/27/25
BJ51726-BS2	LCS	10/27/25
BJ51726-MS2	Matrix Spike	10/27/25
BJ51726-MSD2	Matrix Spike Dup	10/27/25

Batch ID: BJ51730**Preparation Method:** EPA 3546 PPCB**Prepared By:** AJF

YORK Sample ID	Client Sample ID	Preparation Date
25J1560-05	SB-6 COMP	10/27/25
25J1560-09	SB-7 COMP	10/27/25
25J1560-10	DUPE COMP	10/27/25
25J1560-14	SB-14 Comp	10/27/25
25J1560-18	SB-12 COMP	10/27/25
BJ51730-BLK1	Blank	10/27/25
BJ51730-BS1	LCS	10/27/25
BJ51730-MS1	Matrix Spike	10/27/25
BJ51730-MSD1	Matrix Spike Dup	10/27/25

Batch ID: BJ51738**Preparation Method:** EPA 3546 SVOA**Prepared By:** RB

YORK Sample ID	Client Sample ID	Preparation Date



25J1560-05	SB-6 COMP	10/27/25
25J1560-09	SB-7 COMP	10/27/25
25J1560-10	DUPE COMP	10/27/25
25J1560-18	SB-12 COMP	10/27/25
BJ51738-BLK1	Blank	10/27/25
BJ51738-BS1	LCS	10/27/25

Batch ID: BJ51757 **Preparation Method:** EPA 3550C **Prepared By:** JAA

YORK Sample ID	Client Sample ID	Preparation Date
25J1560-05	SB-6 COMP	10/27/25
BJ51757-BLK1	Blank	10/27/25
BJ51757-BS1	LCS	10/27/25

Batch ID: BJ51764 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
25J1560-05	SB-6 COMP	10/27/25
25J1560-09	SB-7 COMP	10/27/25
25J1560-10	DUPE COMP	10/27/25
BJ51764-BLK1	Blank	10/27/25
BJ51764-SRM1	Reference	10/27/25

Batch ID: BJ51784 **Preparation Method:** % Solids Prep **Prepared By:** DD2

YORK Sample ID	Client Sample ID	Preparation Date
25J1560-01	SB-6 0-2	10/27/25
25J1560-02	SB-6 2-12	10/27/25
25J1560-03	SB-6 12-24	10/27/25
25J1560-06	SB-7 0-2	10/27/25
25J1560-07	SB-7 2-12	10/27/25
25J1560-08	SB-7 12-24	10/27/25
25J1560-11	SB-14 0-2	10/27/25
25J1560-12	SB-14 2-12	10/27/25
25J1560-13	SB-14 12-24	10/27/25
25J1560-15	SB-12 0-2	10/27/25
25J1560-16	SB-12 2-12	10/27/25
25J1560-17	SB-12 12-24	10/27/25
25J1560-24	SB-8 0-2	10/27/25
25J1560-25	SB-8 2-12	10/27/25
25J1560-26	SB-8 12-24	10/27/25
25J1560-27	SB-9 0-2	10/27/25
25J1560-28	SB-9 2-12	10/27/25
25J1560-29	SB-9 12-24	10/27/25
25J1560-30	SB-10 0-2	10/27/25
BJ51784-DUP1	Duplicate	10/27/25

Batch ID: BJ51786 **Preparation Method:** % Solids Prep **Prepared By:** DD2



YORK Sample ID	Client Sample ID	Preparation Date
25J1560-31	SB-10 2-12	10/27/25
25J1560-32	SB-10 12-24	10/27/25
25J1560-33	SB-11 0-2	10/27/25
25J1560-34	SB-11 2-12	10/27/25
25J1560-35	SB-11 12-24	10/27/25
25J1560-36	SB-13 0-2	10/27/25
25J1560-37	SB-13 2-12	10/27/25
25J1560-38	SB-13 12-24	10/27/25
BJ51786-DUP1	Duplicate	10/27/25

Batch ID: BJ51791 **Preparation Method:** % Solids Prep **Prepared By:** AC

YORK Sample ID	Client Sample ID	Preparation Date
25J1560-04	DUPE PFAS	10/27/25
BJ51791-DUP1	Duplicate	10/27/25

Batch ID: BJ51811 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** DD

YORK Sample ID	Client Sample ID	Preparation Date
25J1560-21	RINSATE COMP	10/28/25
BJ51811-BLK1	Blank	10/28/25
BJ51811-BS2	LCS	10/28/25
BJ51811-BSD2	LCS Dup	10/28/25

Batch ID: BJ51813 **Preparation Method:** EPA 3050B **Prepared By:** DHD

YORK Sample ID	Client Sample ID	Preparation Date
25J1560-14	SB-14 Comp	10/28/25
25J1560-18	SB-12 COMP	10/28/25
BJ51813-BLK1	Blank	10/28/25
BJ51813-DUP1	Duplicate	10/28/25
BJ51813-MS1	Matrix Spike	10/28/25
BJ51813-PS1	Post Spike	10/28/25
BJ51813-SRM1	Reference	10/28/25

Batch ID: BJ51815 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** DD

YORK Sample ID	Client Sample ID	Preparation Date
25J1560-21	RINSATE COMP	10/28/25
BJ51815-BLK1	Blank	10/28/25
BJ51815-BS1	LCS	10/28/25

Batch ID: BJ51819 **Preparation Method:** EPA 3546 SVOA **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
25J1560-14	SB-14 Comp	10/28/25
BJ51819-BLK1	Blank	10/28/25



BJ51819-BS1	LCS	10/28/25
BJ51819-MS1	Matrix Spike	10/28/25
BJ51819-MSD1	Matrix Spike Dup	10/28/25

Batch ID: BJ51820 **Preparation Method:** EPA 7473 soil **Prepared By:** LCB

YORK Sample ID	Client Sample ID	Preparation Date
25J1560-05	SB-6 COMP	10/28/25
25J1560-09	SB-7 COMP	10/28/25
25J1560-10	DUPE COMP	10/28/25
25J1560-14	SB-14 Comp	10/28/25
25J1560-18	SB-12 COMP	10/28/25
BJ51820-BLK1	Blank	10/28/25
BJ51820-DUP1	Duplicate	10/28/25
BJ51820-MS1	Matrix Spike	10/28/25
BJ51820-SRM1	Reference	10/28/25

Batch ID: BJ51823 **Preparation Method:** EPA 3550C/8151A **Prepared By:** AJF

YORK Sample ID	Client Sample ID	Preparation Date
25J1560-14	SB-14 Comp	10/28/25
BJ51823-BLK1	Blank	10/28/25
BJ51823-BS1	LCS	10/28/25
BJ51823-MS1	Matrix Spike	10/28/25
BJ51823-MSD1	Matrix Spike Dup	10/28/25

Batch ID: BJ51830 **Preparation Method:** EPA 3535A **Prepared By:** YL

YORK Sample ID	Client Sample ID	Preparation Date
25J1560-21	RINSATE COMP	10/28/25
BJ51830-BLK1	Blank	10/28/25
BJ51830-BS1	LCS	10/28/25
BJ51830-MS1	Matrix Spike	10/28/25
BJ51830-MSD1	Matrix Spike Dup	10/28/25

Batch ID: BJ51845 **Preparation Method:** EPA 1633 Prep **Prepared By:** MG

YORK Sample ID	Client Sample ID	Preparation Date
25J1560-20	RINSATE (PFAS)	10/28/25
BJ51845-BLK1	Blank	10/28/25
BJ51845-BS1	LCS	10/28/25
BJ51845-BS2	LCS	10/28/25

Batch ID: BJ51894 **Preparation Method:** EPA SW846-7470A **Prepared By:** JWT

YORK Sample ID	Client Sample ID	Preparation Date
25J1560-21	RINSATE COMP	10/29/25
BJ51894-BLK1	Blank	10/29/25



BJ51894-BLK2	Blank	10/29/25
BJ51894-BS1	LCS	10/29/25
BJ51894-BS2	LCS	10/29/25

Batch ID: BJ51911 **Preparation Method:** EPA 3550C **Prepared By:** JAA

YORK Sample ID	Client Sample ID	Preparation Date
25J1560-09	SB-7 COMP	10/29/25
25J1560-10	DUPE COMP	10/29/25
25J1560-18	SB-12 COMP	10/29/25
BJ51911-BLK1	Blank	10/29/25
BJ51911-BS1	LCS	10/29/25

Batch ID: BJ52021 **Preparation Method:** EPA 1633 Prep **Prepared By:** MPR

YORK Sample ID	Client Sample ID	Preparation Date
25J1560-01	SB-6 0-2	10/31/25
25J1560-02	SB-6 2-12	10/31/25
BJ52021-BLK1	Blank	10/31/25
BJ52021-BS1	LCS	10/31/25
BJ52021-BS2	LCS	10/31/25

Batch ID: BJ52038 **Preparation Method:** EPA 3550C **Prepared By:** JAA

YORK Sample ID	Client Sample ID	Preparation Date
25J1560-14	SB-14 Comp	10/30/25
BJ52038-BLK1	Blank	10/30/25
BJ52038-BS1	LCS	10/30/25
BJ52038-MS1	Matrix Spike	10/30/25
BJ52038-MSD1	Matrix Spike Dup	10/30/25

Batch ID: BJ52116 **Preparation Method:** EPA 5030B **Prepared By:** PMB

YORK Sample ID	Client Sample ID	Preparation Date
25J1560-21	RINSATE COMP	10/31/25
25J1560-39	TB	10/31/25
BJ52116-BLK1	Blank	10/31/25
BJ52116-BS1	LCS	10/31/25
BJ52116-BSD1	LCS Dup	10/31/25

Batch ID: BK50049 **Preparation Method:** EPA 1633 Prep **Prepared By:** RC

YORK Sample ID	Client Sample ID	Preparation Date
25J1560-03	SB-6 12-24	11/03/25
25J1560-04	DUPE PFAS	11/03/25
25J1560-06	SB-7 0-2	11/03/25
25J1560-07	SB-7 2-12	11/03/25
25J1560-08	SB-7 12-24	11/03/25



25J1560-11	SB-14 0-2	11/03/25
25J1560-13	SB-14 12-24	11/03/25
25J1560-15	SB-12 0-2	11/03/25
BK50049-BLK1	Blank	11/03/25
BK50049-BS1	LCS	11/03/25
BK50049-BS2	LCS	11/03/25

Batch ID: BK50264 **Preparation Method:** EPA 1633 Prep **Prepared By:** RC

YORK Sample ID	Client Sample ID	Preparation Date
25J1560-12	SB-14 2-12	11/05/25
25J1560-16	SB-12 2-12	11/05/25
25J1560-17	SB-12 12-24	11/05/25
25J1560-24	SB-8 0-2	11/05/25
25J1560-25	SB-8 2-12	11/05/25
25J1560-26	SB-8 12-24	11/05/25
25J1560-27	SB-9 0-2	11/05/25
25J1560-28	SB-9 2-12	11/05/25
25J1560-29	SB-9 12-24	11/05/25
25J1560-30	SB-10 0-2	11/05/25
25J1560-31	SB-10 2-12	11/05/25
25J1560-32	SB-10 12-24	11/05/25
25J1560-33	SB-11 0-2	11/05/25
25J1560-34	SB-11 2-12	11/05/25
25J1560-35	SB-11 12-24	11/05/25
25J1560-36	SB-13 0-2	11/05/25
25J1560-37	SB-13 2-12	11/05/25
25J1560-38	SB-13 12-24	11/05/25
BK50264-BLK1	Blank	11/05/25
BK50264-BS1	LCS	11/05/25
BK50264-BS2	LCS	11/05/25
BK50264-MS1	Matrix Spike	11/05/25
BK50264-MSD1	Matrix Spike Dup	11/05/25



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ52116 - EPA 5030B											
Blank (BJ52116-BLK1)						Prepared & Analyzed: 10/31/2025					
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	2.00	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BJ52116 - EPA 5030B

Blank (BJ52116-BLK1)

Prepared & Analyzed: 10/31/2025

Methylene chloride	ND	2.00	ug/L
Naphthalene	0.580	2.00	"
n-Butylbenzene	ND	0.500	"
n-Propylbenzene	ND	0.500	"
o-Xylene	ND	0.500	"
p- & m- Xylenes	ND	1.00	"
p-Diethylbenzene	ND	0.500	"
p-Ethyltoluene	ND	0.500	"
p-Isopropyltoluene	ND	0.500	"
sec-Butylbenzene	ND	0.500	"
Styrene	ND	0.500	"
tert-Butyl alcohol (TBA)	ND	1.00	"
tert-Butylbenzene	ND	0.500	"
Tetrachloroethylene	ND	0.500	"
Toluene	ND	0.500	"
trans-1,2-Dichloroethylene	ND	0.500	"
trans-1,3-Dichloropropylene	ND	0.500	"
Trichloroethylene	ND	0.500	"
Trichlorofluoromethane	ND	0.500	"
Vinyl Chloride	ND	0.500	"
Xylenes, Total	ND	1.50	"

Surrogate: SURR: 1,2-Dichloroethane-d4

10.0

"

10.0

100

70-130

Surrogate: SURR: Toluene-d8

11.2

"

10.0

112

81-117

Surrogate: SURR: p-Bromofluorobenzene

10.2

"

10.0

102

79-122

LCS (BJ52116-BS1)

Prepared & Analyzed: 10/31/2025

1,1,1,2-Tetrachloroethane	12.2		ug/L	10.0	122	82-126
1,1,1-Trichloroethane	11.1		"	10.0	111	78-130
1,1,2,2-Tetrachloroethane	10.9		"	10.0	109	76-129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.9		"	10.0	119	70-130
1,1,2-Trichloroethane	12.2		"	10.0	122	82-123
1,1-Dichloroethane	10.4		"	10.0	104	82-129
1,1-Dichloroethylene	11.3		"	10.0	113	70-130
1,2,3-Trichlorobenzene	9.95		"	10.0	99.5	76-130
1,2,3-Trichloropropane	10.6		"	10.0	106	77-128
1,2,4-Trichlorobenzene	10.5		"	10.0	105	76-130
1,2,4-Trimethylbenzene	10.6		"	10.0	106	82-132
1,2-Dibromo-3-chloropropane	11.0		"	10.0	110	45-147
1,2-Dibromoethane	12.8		"	10.0	128	83-124
1,2-Dichlorobenzene	10.0		"	10.0	100	79-123
1,2-Dichloroethane	10.5		"	10.0	105	73-130
1,2-Dichloropropane	11.3		"	10.0	113	78-126
1,3,5-Trimethylbenzene	10.5		"	10.0	105	80-131
1,3-Dichlorobenzene	9.89		"	10.0	98.9	86-122
1,3-Dichloropropane	12.3		"	10.0	123	81-125
1,4-Dichlorobenzene	10.3		"	10.0	103	85-124
2-Butanone	10.1		"	10.0	101	49-152
2-Hexanone	12.2		"	10.0	122	51-146
4-Methyl-2-pentanone	12.6		"	10.0	126	57-145
Acetone	8.17		"	10.0	81.7	40-150

High Bias



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BJ52116 - EPA 5030B

LCS (BJ52116-BS1)

Prepared & Analyzed: 10/31/2025

Acrolein	51.8		ug/L	40.0		129	10-153				
Acrylonitrile	11.9		"	10.0		119	51-150				
Benzene	10.7		"	10.0		107	85-126				
Bromochloromethane	10.5		"	10.0		105	77-128				
Bromodichloromethane	12.6		"	10.0		126	79-128				
Bromoform	13.3		"	10.0		133	78-130	High Bias			
Bromomethane	7.77		"	10.0		77.7	43-160				
Carbon disulfide	11.4		"	10.0		114	68-146				
Carbon tetrachloride	10.8		"	10.0		108	77-130				
Chlorobenzene	12.0		"	10.0		120	88-120				
Chloroethane	13.1		"	10.0		131	65-136				
Chloroform	10.5		"	10.0		105	82-128				
Chloromethane	9.50		"	10.0		95.0	43-155				
cis-1,2-Dichloroethylene	10.8		"	10.0		108	83-129				
cis-1,3-Dichloropropylene	12.9		"	10.0		129	80-130				
Cyclohexane	10.4		"	10.0		104	70-130				
Dibromochloromethane	12.5		"	10.0		125	80-130				
Dibromomethane	12.2		"	10.0		122	72-134				
Dichlorodifluoromethane	8.19		"	10.0		81.9	44-144				
Ethyl Benzene	12.2		"	10.0		122	80-130				
Hexachlorobutadiene	10.8		"	10.0		108	67-146				
Isopropylbenzene	10.7		"	10.0		107	76-130				
Methyl acetate	17.2		"	10.0		172	70-130	High Bias			
Methyl tert-butyl ether (MTBE)	9.80		"	10.0		98.0	76-130				
Methyleyclohexane	11.8		"	10.0		118	72-130				
Methylene chloride	11.4		"	10.0		114	70-130				
Naphthalene	12.3		"	10.0		123	70-147				
n-Butylbenzene	10.1		"	10.0		101	79-132				
n-Propylbenzene	10.5		"	10.0		105	78-133				
o-Xylene	12.4		"	10.0		124	78-130				
p- & m- Xylenes	24.9		"	20.0		124	77-130				
p-Diethylbenzene	10.1		"	10.0		101	84-134				
p-Ethyltoluene	10.1		"	10.0		101	88-129				
p-Isopropyltoluene	10.6		"	10.0		106	81-136				
sec-Butylbenzene	10.5		"	10.0		105	79-137				
Styrene	12.1		"	10.0		121	70-130				
tert-Butyl alcohol (TBA)	56.5		"	50.0		113	25-162				
tert-Butylbenzene	10.4		"	10.0		104	77-138				
Tetrachloroethylene	7.24		"	10.0		72.4	82-130	Low Bias			
Toluene	11.6		"	10.0		116	80-127				
trans-1,2-Dichloroethylene	10.3		"	10.0		103	80-130				
trans-1,3-Dichloropropylene	13.7		"	10.0		137	78-130	High Bias			
Trichloroethylene	11.2		"	10.0		112	82-128				
Trichlorofluoromethane	11.2		"	10.0		112	67-139				
Vinyl Chloride	10.3		"	10.0		103	70-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	9.88		"	10.0		98.8	70-130				
Surrogate: SURR: Toluene-d8	10.9		"	10.0		109	81-117				
Surrogate: SURR: p-Bromofluorobenzene	9.78		"	10.0		97.8	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ52116 - EPA 5030B											
LCS Dup (BJ52116-BSD1)						Prepared & Analyzed: 10/31/2025					
1,1,1,2-Tetrachloroethane	12.3		ug/L	10.0		123	82-126		0.978	30	
1,1,1-Trichloroethane	10.9		"	10.0		109	78-130		1.73	20	
1,1,2,2-Tetrachloroethane	10.9		"	10.0		109	76-129		0.366	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.6		"	10.0		116	70-130		2.39	20	
1,1,2-Trichloroethane	12.3		"	10.0		123	82-123		1.22	20	
1,1-Dichloroethane	10.3		"	10.0		103	82-129		0.771	20	
1,1-Dichloroethylene	11.2		"	10.0		112	70-130		1.16	20	
1,2,3-Trichlorobenzene	10.2		"	10.0		102	76-130		2.48	20	
1,2,3-Trichloropropane	10.5		"	10.0		105	77-128		0.663	30	
1,2,4-Trichlorobenzene	10.8		"	10.0		108	76-130		2.54	20	
1,2,4-Trimethylbenzene	10.7		"	10.0		107	82-132		1.03	20	
1,2-Dibromo-3-chloropropane	11.1		"	10.0		111	45-147		1.09	20	
1,2-Dibromoethane	12.8		"	10.0		128	83-124	High Bias	0.391	20	
1,2-Dichlorobenzene	10.3		"	10.0		103	79-123		2.07	20	
1,2-Dichloroethane	10.3		"	10.0		103	73-130		1.92	20	
1,2-Dichloropropane	11.9		"	10.0		119	78-126		5.25	20	
1,3,5-Trimethylbenzene	10.8		"	10.0		108	80-131		2.44	30	
1,3-Dichlorobenzene	10.0		"	10.0		100	86-122		1.21	20	
1,3-Dichloropropane	12.4		"	10.0		124	81-125		0.812	30	
1,4-Dichlorobenzene	10.2		"	10.0		102	85-124		0.585	20	
2-Butanone	9.90		"	10.0		99.0	49-152		2.20	20	
2-Hexanone	12.1		"	10.0		121	51-146		0.739	20	
4-Methyl-2-pentanone	12.5		"	10.0		125	57-145		0.399	20	
Acetone	7.82		"	10.0		78.2	40-150		4.38	20	
Acrolein	52.4		"	40.0		131	10-153		1.19	30	
Acrylonitrile	11.5		"	10.0		115	51-150		3.16	30	
Benzene	10.5		"	10.0		105	85-126		1.98	20	
Bromochloromethane	10.4		"	10.0		104	77-128		1.05	20	
Bromodichloromethane	12.6		"	10.0		126	79-128		0.00	20	
Bromoform	13.3		"	10.0		133	78-130	High Bias	0.150	20	
Bromomethane	9.78		"	10.0		97.8	43-160		22.9	20	Non-dir.
Carbon disulfide	11.2		"	10.0		112	68-146		1.77	20	
Carbon tetrachloride	10.5		"	10.0		105	77-130		2.99	20	
Chlorobenzene	12.0		"	10.0		120	88-120		0.500	20	
Chloroethane	12.9		"	10.0		129	65-136		1.46	20	
Chloroform	10.2		"	10.0		102	82-128		2.12	20	
Chloromethane	9.45		"	10.0		94.5	43-155		0.528	20	
cis-1,2-Dichloroethylene	10.7		"	10.0		107	83-129		1.30	20	
cis-1,3-Dichloropropylene	13.1		"	10.0		131	80-130	High Bias	1.31	20	
Cyclohexane	10.1		"	10.0		101	70-130		2.92	20	
Dibromochloromethane	12.7		"	10.0		127	80-130		1.51	20	
Dibromomethane	12.4		"	10.0		124	72-134		1.06	30	
Dichlorodifluoromethane	7.98		"	10.0		79.8	44-144		2.60	20	
Ethyl Benzene	12.2		"	10.0		122	80-130		0.0818	20	
Hexachlorobutadiene	11.0		"	10.0		110	67-146		1.75	30	
Isopropylbenzene	10.8		"	10.0		108	76-130		0.559	20	
Methyl acetate	16.6		"	10.0		166	70-130	High Bias	4.02	20	
Methyl tert-butyl ether (MTBE)	9.72		"	10.0		97.2	76-130		0.820	20	
Methylcyclohexane	11.7		"	10.0		117	72-130		0.340	20	
Methylene chloride	11.4		"	10.0		114	70-130		0.789	20	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BJ52116 - EPA 5030B

LCS Dup (BJ52116-BSD1)

Prepared & Analyzed: 10/31/2025

Naphthalene	12.6		ug/L	10.0		126	70-147		1.69	30
n-Butylbenzene	10.2		"	10.0		102	79-132		0.983	30
n-Propylbenzene	10.6		"	10.0		106	78-133		0.949	30
o-Xylene	12.5		"	10.0		125	78-130		0.641	20
p- & m- Xylenes	25.1		"	20.0		126	77-130		1.08	20
p-Diethylbenzene	10.2		"	10.0		102	84-134		0.983	30
p-Ethyltoluene	10.0		"	10.0		100	88-129		0.199	30
p-Isopropyltoluene	10.7		"	10.0		107	81-136		0.562	30
sec-Butylbenzene	10.6		"	10.0		106	79-137		0.948	30
Styrene	12.2		"	10.0		122	70-130		0.578	20
tert-Butyl alcohol (TBA)	58.0		"	50.0		116	25-162		2.66	30
tert-Butylbenzene	10.6		"	10.0		106	77-138		1.33	30
Tetrachloroethylene	7.37		"	10.0		73.7	82-130	Low Bias	1.78	20
Toluene	11.6		"	10.0		116	80-127		0.345	20
trans-1,2-Dichloroethylene	10.1		"	10.0		101	80-130		1.77	20
trans-1,3-Dichloropropylene	13.7		"	10.0		137	78-130	High Bias	0.365	20
Trichloroethylene	11.2		"	10.0		112	82-128		0.0891	20
Trichlorofluoromethane	11.0		"	10.0		110	67-139		2.61	20
Vinyl Chloride	9.97		"	10.0		99.7	70-130		3.45	20
Surrogate: SURR: 1,2-Dichloroethane-d4	9.73		"	10.0		97.3	70-130			
Surrogate: SURR: Toluene-d8	11.0		"	10.0		110	81-117			
Surrogate: SURR: p-Bromofluorobenzene	9.84		"	10.0		98.4	79-122			



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 BJ51717 - EPA 3510C

Blank (BJ51717-BLK1)

Prepared: 10/27/2025 Analyzed: 10/28/2025

1,1-Biphenyl	ND	5.00	ug/L
1,2,4,5-Tetrachlorobenzene	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	"
Benzaldehyde	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	"
Hexachlorocyclopentadiene	ND	10.0	"
Isophorone	ND	5.00	"
N-nitroso-di-n-propylamine	ND	5.00	"
N-Nitrosodiphenylamine	ND	5.00	"
Phenol	ND	5.00	"
Propargite	ND	5.00	"
Pyridine	ND	5.00	"

Surrogate: SURR: 2-Fluorophenol	10.5	"	50.0	21.0	19.7-63.1
Surrogate: SURR: Phenol-d6	6.25	"	50.0	12.5	10.1-41.7
Surrogate: SURR: Nitrobenzene-d5	9.90	"	25.0	39.6	50.2-113
Surrogate: SURR: 2-Fluorobiphenyl	9.04	"	25.0	36.2	39.9-105
Surrogate: SURR: 2,4,6-Tribromophenol	31.1	"	50.0	62.2	39.3-151



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 BJ51717 - EPA 3510C											
Blank (BJ51717-BLK1)						Prepared: 10/27/2025 Analyzed: 10/28/2025					
Surrogate: SURR: Terphenyl-d14	10.6		ug/L	25.0		42.2	30.7-106				
LCS (BJ51717-BS1)						Prepared: 10/27/2025 Analyzed: 10/28/2025					
1,1-Biphenyl	12.2	5.00	ug/L	25.0		48.8	33-95				
1,2,4,5-Tetrachlorobenzene	10.5	5.00	"	25.0		41.8	26-120				
2,3,4,6-Tetrachlorophenol	22.4	5.00	"	25.0		89.7	30-130				
2,4,5-Trichlorophenol	15.0	5.00	"	25.0		59.8	32-114				
2,4,6-Trichlorophenol	14.7	5.00	"	25.0		58.8	35-118				
2,4-Dichlorophenol	13.0	5.00	"	25.0		52.0	25-116				
2,4-Dimethylphenol	13.1	5.00	"	25.0		52.3	15-116				
2,4-Dinitrophenol	18.4	5.00	"	25.0		73.5	10-170				
2,4-Dinitrotoluene	16.8	5.00	"	25.0		67.4	41-128				
2,6-Dinitrotoluene	16.1	5.00	"	25.0		64.5	45-116				
2-Chloronaphthalene	10.7	5.00	"	25.0		42.7	33-112				
2-Chlorophenol	10.7	5.00	"	25.0		42.6	15-120				
2-Methylnaphthalene	10.2	5.00	"	25.0		40.6	24-118				
2-Methylphenol	10.2	5.00	"	25.0		40.6	10-110				
2-Nitroaniline	16.2	5.00	"	25.0		64.8	34-129				
2-Nitrophenol	14.9	5.00	"	25.0		59.8	28-118				
3- & 4-Methylphenols	8.13	5.00	"	25.0		32.5	10-107				
3,3-Dichlorobenzidine	14.4	5.00	"	25.0		57.4	15-187				
3-Nitroaniline	15.0	5.00	"	25.0		60.1	24-134				
4,6-Dinitro-2-methylphenol	27.1	5.00	"	25.0		108	10-153				
4-Bromophenyl phenyl ether	13.3	5.00	"	25.0		53.2	34-120				
4-Chloro-3-methylphenol	14.5	5.00	"	25.0		57.9	20-120				
4-Chloroaniline	9.96	5.00	"	25.0		39.8	10-147				
4-Chlorophenyl phenyl ether	12.3	5.00	"	25.0		49.3	27-121				
4-Nitroaniline	15.5	5.00	"	25.0		62.2	13-134				
4-Nitrophenol	9.01	5.00	"	25.0		36.0	10-131				
Acetophenone	11.6	5.00	"	25.0		46.3	25-110				
Benzaldehyde	8.69	5.00	"	25.0		34.8	29-117				
Benzyl butyl phthalate	14.6	5.00	"	25.0		58.5	29-133				
Bis(2-chloroethoxy)methane	11.8	5.00	"	25.0		47.2	10-154				
Bis(2-chloroethyl)ether	10.6	5.00	"	25.0		42.5	17-125				
Bis(2-chloroisopropyl)ether	10.5	5.00	"	25.0		42.0	10-139				
Caprolactam	3.67	5.00	"	25.0		14.7	10-137				
Carbazole	13.1	5.00	"	25.0		52.5	42-126				
Dibenzofuran	11.8	5.00	"	25.0		47.1	36-113				
Diethyl phthalate	13.1	5.00	"	25.0		52.4	38-115				
Dimethyl phthalate	12.8	5.00	"	25.0		51.3	38-129				
Di-n-butyl phthalate	14.0	5.00	"	25.0		56.0	31-120				
Di-n-octyl phthalate	14.9	5.00	"	25.0		59.6	21-149				
Hexachlorocyclopentadiene	10.5	10.0	"	25.0		42.0	10-130				
Isophorone	12.5	5.00	"	25.0		50.0	25-127				
N-nitroso-di-n-propylamine	12.0	5.00	"	25.0		48.1	26-122				
N-Nitrosodiphenylamine	15.5	5.00	"	25.0		62.1	23-149				
Phenol	4.60	5.00	"	25.0		18.4	10-110				
Pyridine	5.67	5.00	"	35.0		16.2	10-90				
Surrogate: SURR: 2-Fluorophenol	11.8		"	50.0		23.6	19.7-63.1				
Surrogate: SURR: Phenol-d6	7.34		"	50.0		14.7	10.1-41.7				
Surrogate: SURR: Nitrobenzene-d5	11.5		"	25.0		46.1	50.2-113				



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 BJ51717 - EPA 3510C											
LCS (BJ51717-BS1)						Prepared: 10/27/2025 Analyzed: 10/28/2025					
Surrogate: SURR: 2-Fluorobiphenyl	10.1		ug/L	25.0		40.4	39.9-105				
Surrogate: SURR: 2,4,6-Tribromophenol	34.3		"	50.0		68.5	39.3-151				
Surrogate: SURR: Terphenyl-d14	11.9		"	25.0		47.4	30.7-106				
LCS Dup (BJ51717-BSD1)						Prepared & Analyzed: 10/27/2025					
1,1-Biphenyl	9.19	5.00	ug/L	25.0		36.8	33-95		28.1	20	Non-dir.
1,2,4,5-Tetrachlorobenzene	8.71	5.00	"	25.0		34.8	26-120		18.3	20	
2,3,4,6-Tetrachlorophenol	10.5	5.00	"	25.0		42.2	30-130		72.1	20	Non-dir.
2,4,5-Trichlorophenol	10.2	5.00	"	25.0		40.9	32-114		37.6	20	Non-dir.
2,4,6-Trichlorophenol	10.3	5.00	"	25.0		41.1	35-118		35.3	20	Non-dir.
2,4-Dichlorophenol	10.4	5.00	"	25.0		41.6	25-116		22.3	20	Non-dir.
2,4-Dimethylphenol	10.0	5.00	"	25.0		40.1	15-116		26.4	20	Non-dir.
2,4-Dinitrophenol	10.0	5.00	"	25.0		40.0	10-170		59.0	20	Non-dir.
2,4-Dinitrotoluene	10.6	5.00	"	25.0		42.4	41-128		45.5	20	Non-dir.
2,6-Dinitrotoluene	10.5	5.00	"	25.0		42.1	45-116	Low Bias	42.0	20	Non-dir.
2-Chloronaphthalene	8.91	5.00	"	25.0		35.6	33-112		18.1	20	
2-Chlorophenol	8.83	5.00	"	25.0		35.3	15-120		18.8	20	
2-Methylnaphthalene	8.31	5.00	"	25.0		33.2	24-118		19.9	20	
2-Methylphenol	7.99	5.00	"	25.0		32.0	10-110		23.8	20	Non-dir.
2-Nitroaniline	10.7	5.00	"	25.0		42.7	34-129		41.1	20	Non-dir.
2-Nitrophenol	10.1	5.00	"	25.0		40.4	28-118		38.6	20	Non-dir.
3- & 4-Methylphenols	6.34	5.00	"	25.0		25.4	10-107		24.7	20	Non-dir.
3,3-Dichlorobenzidine	9.52	5.00	"	25.0		38.1	15-187		40.5	20	Non-dir.
3-Nitroaniline	10.0	5.00	"	25.0		40.1	24-134		39.9	20	Non-dir.
4,6-Dinitro-2-methylphenol	17.9	5.00	"	25.0		71.6	10-153		40.8	20	Non-dir.
4-Bromophenyl phenyl ether	11.3	5.00	"	25.0		45.1	34-120		16.4	20	
4-Chloro-3-methylphenol	10.0	5.00	"	25.0		40.1	20-120		36.3	20	Non-dir.
4-Chloroaniline	9.06	5.00	"	25.0		36.2	10-147		9.46	20	
4-Chlorophenyl phenyl ether	9.13	5.00	"	25.0		36.5	27-121		29.8	20	Non-dir.
4-Nitroaniline	9.90	5.00	"	25.0		39.6	13-134		44.3	20	Non-dir.
4-Nitrophenol	ND	5.00	"	25.0			10-131	Low Bias		20	
Acetophenone	9.66	5.00	"	25.0		38.6	25-110		18.1	20	
Benzaldehyde	6.72	5.00	"	25.0		26.9	29-117	Low Bias	25.6	20	Non-dir.
Benzyl butyl phthalate	11.9	5.00	"	25.0		47.4	29-133		20.9	20	Non-dir.
Bis(2-chloroethoxy)methane	9.70	5.00	"	25.0		38.8	10-154		19.5	20	
Bis(2-chloroethyl)ether	8.54	5.00	"	25.0		34.2	17-125		21.8	20	Non-dir.
Bis(2-chloroisopropyl)ether	8.56	5.00	"	25.0		34.2	10-139		20.5	20	Non-dir.
Caprolactam	3.41	5.00	"	25.0		13.6	10-137		7.34	20	
Carbazole	10.5	5.00	"	25.0		42.1	42-126		22.0	20	Non-dir.
Dibenzofuran	9.46	5.00	"	25.0		37.8	36-113		21.8	20	Non-dir.
Diethyl phthalate	10.0	5.00	"	25.0		40.2	38-115		26.4	20	Non-dir.
Dimethyl phthalate	10.0	5.00	"	25.0		40.1	38-129		24.6	20	Non-dir.
Di-n-butyl phthalate	11.3	5.00	"	25.0		45.1	31-120		21.4	20	Non-dir.
Di-n-octyl phthalate	11.5	5.00	"	25.0		45.9	21-149		26.1	20	Non-dir.
Hexachlorocyclopentadiene	6.16	10.0	"	25.0		24.6	10-130		52.1	20	Non-dir.
Isophorone	9.63	5.00	"	25.0		38.5	25-127		25.9	20	Non-dir.
N-nitroso-di-n-propylamine	8.45	5.00	"	25.0		33.8	26-122		34.9	20	Non-dir.
N-Nitrosodiphenylamine	14.8	5.00	"	25.0		59.0	23-149		5.15	20	
Phenol	3.09	5.00	"	25.0		12.4	10-110		39.3	20	Non-dir.
Pyridine	4.39	5.00	"	35.0		12.5	10-90		25.4	20	Non-dir.
Surrogate: SURR: 2-Fluorophenol	9.37		"	50.0		18.7	19.7-63.1				



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 BJ51717 - EPA 3510C

LCS Dup (BJ51717-BSD1)

Prepared & Analyzed: 10/27/2025

Surrogate: SURR: Phenol-d6	5.57		ug/L	50.0		11.1	10.1-41.7			
Surrogate: SURR: Nitrobenzene-d5	7.90		"	25.0		31.6	50.2-113			
Surrogate: SURR: 2-Fluorobiphenyl	8.58		"	25.0		34.3	39.9-105			
Surrogate: SURR: 2,4,6-Tribromophenol	28.0		"	50.0		56.0	39.3-151			
Surrogate: SURR: Terphenyl-d14	11.4		"	25.0		45.8	30.7-106			

Batch BJ51738 - EPA 3546 SVOA

Blank (BJ51738-BLK1)

Prepared: 10/27/2025 Analyzed: 10/28/2025

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	"



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 BJ51738 - EPA 3546 SVOA

Blank (BJ51738-BLK1)

Prepared: 10/27/2025 Analyzed: 10/28/2025

Benzo(g,h,i)perylene	ND	0.0417	mg/kg wet
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	"
Caprolactam	ND	0.0833	"
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	"
Diphenylamine	ND	0.0833	"
Fluoranthene	ND	0.0417	"
Fluorene	ND	0.0417	"
Hexachlorobenzene	ND	0.0417	"
Hexachlorobutadiene	ND	0.0417	"
Hexachlorocyclopentadiene	ND	0.0417	"
Hexachloroethane	ND	0.0417	"
Indeno(1,2,3-cd)pyrene	ND	0.0417	"
Isophorone	ND	0.0417	"
Naphthalene	ND	0.0417	"
Nitrobenzene	ND	0.0417	"
N-Nitrosodimethylamine	ND	0.0417	"
N-nitroso-di-n-propylamine	ND	0.0417	"
N-Nitrosodiphenylamine	ND	0.0417	"
Pentachlorophenol	ND	0.0417	"
Phenanthrene	ND	0.0417	"
Phenol	ND	0.0417	"
Pyrene	ND	0.0417	"

Surrogate: SURR: 2-Fluorophenol	0.872	"	1.67	52.3	30-108
Surrogate: SURR: Phenol-d6	0.809	"	1.67	48.5	30-114
Surrogate: SURR: Nitrobenzene-d5	0.466	"	0.833	55.9	30-108
Surrogate: SURR: 2-Fluorobiphenyl	0.515	"	0.833	61.8	30-113
Surrogate: SURR: 2,4,6-Tribromophenol	1.53	"	1.67	91.8	30-110
Surrogate: SURR: Terphenyl-d14	0.559	"	0.833	67.0	30-116



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 BJ51738 - EPA 3546 SVOA

LCS (BJ51738-BS1)

Prepared: 10/27/2025 Analyzed: 10/28/2025

1,1-Biphenyl	0.312	0.0417	mg/kg wet	0.833		37.4	70-111	Low Bias
1,2,4,5-Tetrachlorobenzene	0.418	0.0833	"	0.833		50.2	70-130	Low Bias
1,2,4-Trichlorobenzene	0.360	0.0417	"	0.833		43.2	10-140	
1,2-Dichlorobenzene	0.299	0.0417	"	0.833		35.9	34-108	
1,2-Diphenylhydrazine (as Azobenzene)	0.297	0.0417	"	0.833		35.6	17-137	
1,3-Dichlorobenzene	0.302	0.0417	"	0.833		36.2	33-110	
1,4-Dichlorobenzene	0.296	0.0417	"	0.833		35.6	32-104	
2,3,4,6-Tetrachlorophenol	0.380	0.0833	"	0.833		45.6	70-130	Low Bias
2,4,5-Trichlorophenol	0.364	0.0417	"	0.833		43.7	70-118	Low Bias
2,4,6-Trichlorophenol	0.352	0.0417	"	0.833		42.2	70-120	Low Bias
2,4-Dichlorophenol	0.364	0.0417	"	0.833		43.6	70-127	Low Bias
2,4-Dimethylphenol	0.313	0.0417	"	0.833		37.6	70-130	Low Bias
2,4-Dinitrophenol	0.0703	0.0833	"	0.833		8.44	20-160	Low Bias
2,4-Dinitrotoluene	0.334	0.0417	"	0.833		40.0	70-130	Low Bias
2,6-Dinitrotoluene	0.318	0.0417	"	0.833		38.1	70-128	Low Bias
2-Chloronaphthalene	0.320	0.0417	"	0.833		38.4	70-117	Low Bias
2-Chlorophenol	0.302	0.0417	"	0.833		36.3	70-113	Low Bias
2-Methylnaphthalene	0.322	0.0417	"	0.833		38.6	70-130	Low Bias
2-Methylphenol	0.294	0.0417	"	0.833		35.3	70-130	Low Bias
2-Nitroaniline	0.344	0.0833	"	0.833		41.3	70-130	Low Bias
2-Nitrophenol	0.349	0.0417	"	0.833		41.9	70-129	Low Bias
3- & 4-Methylphenols	0.252	0.0417	"	0.833		30.3	29-103	
3,3-Dichlorobenzidine	0.322	0.0417	"	0.833		38.6	70-130	Low Bias
3-Nitroaniline	0.305	0.0833	"	0.833		36.6	70-130	Low Bias
4,6-Dinitro-2-methylphenol	0.142	0.0833	"	0.833		17.0	70-130	Low Bias
4-Bromophenyl phenyl ether	0.359	0.0417	"	0.833		43.1	70-120	Low Bias
4-Chloro-3-methylphenol	0.347	0.0417	"	0.833		41.6	70-129	Low Bias
4-Chloroaniline	0.233	0.0417	"	0.833		28.0	70-130	Low Bias
4-Chlorophenyl phenyl ether	0.330	0.0417	"	0.833		39.6	70-124	Low Bias
4-Nitroaniline	0.311	0.0833	"	0.833		37.4	70-128	Low Bias
4-Nitrophenol	0.291	0.0833	"	0.833		35.0	20-141	
Acenaphthene	0.297	0.0417	"	0.833		35.7	70-121	Low Bias
Acenaphthylene	0.327	0.0417	"	0.833		39.2	70-115	Low Bias
Acetophenone	0.272	0.0417	"	0.833		32.6	70-112	Low Bias
Aniline	0.189	0.167	"	0.833		22.7	10-119	
Anthracene	0.333	0.0417	"	0.833		39.9	70-118	Low Bias
Atrazine	0.282	0.0417	"	0.833		33.8	70-112	Low Bias
Benzaldehyde	0.200	0.0417	"	0.833		24.0	21-100	
Benzo(a)anthracene	0.340	0.0417	"	0.833		40.8	70-122	Low Bias
Benzo(a)pyrene	0.329	0.0417	"	0.833		39.5	70-130	Low Bias
Benzo(b)fluoranthene	0.342	0.0417	"	0.833		41.0	70-130	Low Bias
Benzo(g,h,i)perylene	0.335	0.0417	"	0.833		40.2	70-130	Low Bias
Benzo(k)fluoranthene	0.327	0.0417	"	0.833		39.2	70-128	Low Bias
Benzoic acid	0.175	0.0417	"	0.833		21.0	10-140	
Benzyl alcohol	0.278	0.0417	"	0.833		33.4	30-115	
Benzyl butyl phthalate	0.293	0.0417	"	0.833		35.2	70-126	Low Bias
Bis(2-chloroethoxy)methane	0.300	0.0417	"	0.833		36.0	70-130	Low Bias
Bis(2-chloroethyl)ether	0.261	0.0417	"	0.833		31.3	70-125	Low Bias
Bis(2-chloroisopropyl)ether	0.212	0.0417	"	0.833		25.4	70-130	Low Bias
Bis(2-ethylhexyl)phthalate	0.299	0.0417	"	0.833		35.9	70-130	Low Bias
Caprolactam	0.325	0.0833	"	0.833		39.0	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

Batch BJ51738 - EPA 3546 SVOA

LCS (BJ51738-BS1)

Prepared: 10/27/2025 Analyzed: 10/28/2025

Carbazole	0.329	0.0417	mg/kg wet	0.833		39.5	70-123	Low Bias		
Chrysene	0.342	0.0417	"	0.833		41.0	70-123	Low Bias		
Dibenzo(a,h)anthracene	0.321	0.0417	"	0.833		38.5	70-130	Low Bias		
Dibenzofuran	0.325	0.0417	"	0.833		39.0	70-121	Low Bias		
Diethyl phthalate	0.308	0.0417	"	0.833		37.0	70-116	Low Bias		
Dimethyl phthalate	0.316	0.0417	"	0.833		37.9	70-124	Low Bias		
Di-n-butyl phthalate	0.320	0.0417	"	0.833		38.4	70-116	Low Bias		
Di-n-octyl phthalate	0.289	0.0417	"	0.833		34.6	70-130	Low Bias		
Diphenylamine	0.401	0.0833	"	0.833		48.1	40-140			
Fluoranthene	0.331	0.0417	"	0.833		39.7	70-122	Low Bias		
Fluorene	0.321	0.0417	"	0.833		38.6	70-123	Low Bias		
Hexachlorobenzene	0.318	0.0417	"	0.833		38.2	70-124	Low Bias		
Hexachlorobutadiene	0.382	0.0417	"	0.833		45.8	70-130	Low Bias		
Hexachlorocyclopentadiene	0.0697	0.0417	"	0.833		8.36	20-129	Low Bias		
Hexachloroethane	0.249	0.0417	"	0.833		29.9	28-108			
Indeno(1,2,3-cd)pyrene	0.310	0.0417	"	0.833		37.2	70-130	Low Bias		
Isophorone	0.299	0.0417	"	0.833		35.9	70-130	Low Bias		
Naphthalene	0.337	0.0417	"	0.833		40.4	70-124	Low Bias		
Nitrobenzene	0.288	0.0417	"	0.833		34.6	70-130	Low Bias		
N-Nitrosodimethylamine	0.196	0.0417	"	0.833		23.5	11-129			
N-nitroso-di-n-propylamine	0.248	0.0417	"	0.833		29.7	70-119	Low Bias		
N-Nitrosodiphenylamine	0.399	0.0417	"	0.833		47.8	70-130	Low Bias		
Pentachlorophenol	0.382	0.0417	"	0.833		45.8	20-139			
Phenanthrene	0.335	0.0417	"	0.833		40.2	70-123	Low Bias		
Phenol	0.295	0.0417	"	0.833		35.4	23-115			
Pyrene	0.345	0.0417	"	0.833		41.4	70-130	Low Bias		
Surrogate: SURR: 2-Fluorophenol	0.691		"	1.67		41.4	30-108			
Surrogate: SURR: Phenol-d6	0.669		"	1.67		40.1	30-114			
Surrogate: SURR: Nitrobenzene-d5	0.364		"	0.833		43.6	30-108			
Surrogate: SURR: 2-Fluorobiphenyl	0.408		"	0.833		49.0	30-113			
Surrogate: SURR: 2,4,6-Tribromophenol	1.22		"	1.67		73.4	30-110			
Surrogate: SURR: Terphenyl-d14	0.437		"	0.833		52.4	30-116			



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 BJ51819 - EPA 3546 SVOA

Blank (BJ51819-BLK1)

Prepared & Analyzed: 10/28/2025

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	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	"
Bis(2-ethylhexyl)phthalate	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

Batch BJ51819 - EPA 3546 SVOA

Blank (BJ51819-BLK1)

Prepared & Analyzed: 10/28/2025

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	"
Diphenylamine	ND	0.0830	"
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	"

Surrogate: SURR: 2-Fluorophenol	1.14	"	1.66	68.5	30-108
Surrogate: SURR: Phenol-d6	1.07	"	1.66	64.2	30-114
Surrogate: SURR: Nitrobenzene-d5	0.577	"	0.831	69.5	30-108
Surrogate: SURR: 2-Fluorobiphenyl	0.690	"	0.831	83.0	30-113
Surrogate: SURR: 2,4,6-Tribromophenol	1.83	"	1.66	110	30-110
Surrogate: SURR: Terphenyl-d14	0.791	"	0.831	95.2	30-116



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 BJ51819 - EPA 3546 SVOA											
LCS (BJ51819-BS1)						Prepared & Analyzed: 10/28/2025					
1,1-Biphenyl	0.544	0.0416	mg/kg wet	0.831		65.5	70-111	Low Bias			
1,2,4,5-Tetrachlorobenzene	0.730	0.0830	"	0.831		87.9	70-130				
1,2,4-Trichlorobenzene	0.597	0.0416	"	0.831		71.9	10-140				
1,2-Dichlorobenzene	0.544	0.0416	"	0.831		65.5	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.475	0.0416	"	0.831		57.2	17-137				
1,3-Dichlorobenzene	0.532	0.0416	"	0.831		64.0	33-110				
1,4-Dichlorobenzene	0.537	0.0416	"	0.831		64.7	32-104				
2,3,4,6-Tetrachlorophenol	0.634	0.0830	"	0.831		76.3	70-130				
2,4,5-Trichlorophenol	0.570	0.0416	"	0.831		68.7	70-118	Low Bias			
2,4,6-Trichlorophenol	0.578	0.0416	"	0.831		69.6	70-120	Low Bias			
2,4-Dichlorophenol	0.573	0.0416	"	0.831		69.0	70-127	Low Bias			
2,4-Dimethylphenol	0.512	0.0416	"	0.831		61.6	70-130	Low Bias			
2,4-Dinitrophenol	ND	0.0830	"	0.831			20-160	Low Bias			
2,4-Dinitrotoluene	0.545	0.0416	"	0.831		65.6	70-130	Low Bias			
2,6-Dinitrotoluene	0.537	0.0416	"	0.831		64.6	70-128	Low Bias			
2-Chloronaphthalene	0.547	0.0416	"	0.831		65.8	70-117	Low Bias			
2-Chlorophenol	0.521	0.0416	"	0.831		62.7	70-113	Low Bias			
2-Methylnaphthalene	0.520	0.0416	"	0.831		62.6	70-130	Low Bias			
2-Methylphenol	0.494	0.0416	"	0.831		59.5	70-130	Low Bias			
2-Nitroaniline	0.556	0.0830	"	0.831		67.0	70-130	Low Bias			
2-Nitrophenol	0.459	0.0416	"	0.831		55.3	70-129	Low Bias			
3- & 4-Methylphenols	0.434	0.0416	"	0.831		52.3	29-103				
3,3-Dichlorobenzidine	0.505	0.0416	"	0.831		60.8	70-130	Low Bias			
3-Nitroaniline	0.550	0.0830	"	0.831		66.2	70-130	Low Bias			
4,6-Dinitro-2-methylphenol	0.166	0.0830	"	0.831		20.0	70-130	Low Bias			
4-Bromophenyl phenyl ether	0.588	0.0416	"	0.831		70.8	70-120				
4-Chloro-3-methylphenol	0.542	0.0416	"	0.831		65.2	70-129	Low Bias			
4-Chloroaniline	0.415	0.0416	"	0.831		50.0	70-130	Low Bias			
4-Chlorophenyl phenyl ether	0.557	0.0416	"	0.831		67.0	70-124	Low Bias			
4-Nitroaniline	0.536	0.0830	"	0.831		64.5	70-128	Low Bias			
4-Nitrophenol	0.433	0.0830	"	0.831		52.1	20-141				
Acenaphthene	0.508	0.0416	"	0.831		61.2	70-121	Low Bias			
Acenaphthylene	0.565	0.0416	"	0.831		68.1	70-115	Low Bias			
Acetophenone	0.471	0.0416	"	0.831		56.7	70-112	Low Bias			
Aniline	0.401	0.166	"	0.831		48.2	10-119				
Anthracene	0.556	0.0416	"	0.831		66.9	70-118	Low Bias			
Atrazine	0.459	0.0416	"	0.831		55.3	70-112	Low Bias			
Benzaldehyde	0.432	0.0416	"	0.831		52.0	21-100				
Benzo(a)anthracene	0.562	0.0416	"	0.831		67.7	70-122	Low Bias			
Benzo(a)pyrene	0.536	0.0416	"	0.831		64.5	70-130	Low Bias			
Benzo(b)fluoranthene	0.550	0.0416	"	0.831		66.2	70-130	Low Bias			
Benzo(g,h,i)perylene	0.571	0.0416	"	0.831		68.8	70-130	Low Bias			
Benzo(k)fluoranthene	0.534	0.0416	"	0.831		64.3	70-128	Low Bias			
Benzoic acid	ND	0.0416	"	0.831			10-140	Low Bias			
Benzyl alcohol	0.474	0.0416	"	0.831		57.1	30-115				
Benzyl butyl phthalate	0.508	0.0416	"	0.831		61.1	70-126	Low Bias			
Bis(2-chloroethoxy)methane	0.488	0.0416	"	0.831		58.8	70-130	Low Bias			
Bis(2-chloroethyl)ether	0.455	0.0416	"	0.831		54.8	70-125	Low Bias			
Bis(2-chloroisopropyl)ether	0.356	0.0416	"	0.831		42.9	70-130	Low Bias			
Bis(2-ethylhexyl)phthalate	0.513	0.0416	"	0.831		61.7	70-130	Low Bias			
Caprolactam	0.372	0.0830	"	0.831		44.8	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

Batch BJ51819 - EPA 3546 SVOA

LCS (BJ51819-BS1)

Prepared & Analyzed: 10/28/2025

Carbazole	0.530	0.0416	mg/kg wet	0.831		63.8	70-123	Low Bias		
Chrysene	0.570	0.0416	"	0.831		68.6	70-123	Low Bias		
Dibenzo(a,h)anthracene	0.553	0.0416	"	0.831		66.6	70-130	Low Bias		
Dibenzofuran	0.556	0.0416	"	0.831		67.0	70-121	Low Bias		
Diethyl phthalate	0.516	0.0416	"	0.831		62.1	70-116	Low Bias		
Dimethyl phthalate	0.529	0.0416	"	0.831		63.7	70-124	Low Bias		
Di-n-butyl phthalate	0.518	0.0416	"	0.831		62.4	70-116	Low Bias		
Di-n-octyl phthalate	0.488	0.0416	"	0.831		58.8	70-130	Low Bias		
Diphenylamine	0.651	0.0830	"	0.831		78.4	40-140			
Fluoranthene	0.539	0.0416	"	0.831		64.9	70-122	Low Bias		
Fluorene	0.549	0.0416	"	0.831		66.1	70-123	Low Bias		
Hexachlorobenzene	0.498	0.0416	"	0.831		59.9	70-124	Low Bias		
Hexachlorobutadiene	0.634	0.0416	"	0.831		76.3	70-130			
Hexachlorocyclopentadiene	0.285	0.0416	"	0.831		34.3	20-129			
Hexachloroethane	0.466	0.0416	"	0.831		56.1	28-108			
Indeno(1,2,3-cd)pyrene	0.568	0.0416	"	0.831		68.4	70-130	Low Bias		
Isophorone	0.474	0.0416	"	0.831		57.1	70-130	Low Bias		
Naphthalene	0.563	0.0416	"	0.831		67.8	70-124	Low Bias		
Nitrobenzene	0.472	0.0416	"	0.831		56.8	70-130	Low Bias		
N-Nitrosodimethylamine	0.288	0.0416	"	0.831		34.7	11-129			
N-nitroso-di-n-propylamine	0.418	0.0416	"	0.831		50.4	70-119	Low Bias		
N-Nitrosodiphenylamine	0.644	0.0416	"	0.831		77.6	70-130			
Pentachlorophenol	0.559	0.0416	"	0.831		67.4	20-139			
Phenanthrene	0.545	0.0416	"	0.831		65.6	70-123	Low Bias		
Phenol	0.488	0.0416	"	0.831		58.7	23-115			
Pyrene	0.586	0.0416	"	0.831		70.6	70-130			
Surrogate: SURR: 2-Fluorophenol	0.870		"	1.66		52.4	30-108			
Surrogate: SURR: Phenol-d6	0.943		"	1.66		56.8	30-114			
Surrogate: SURR: Nitrobenzene-d5	0.496		"	0.831		59.7	30-108			
Surrogate: SURR: 2-Fluorobiphenyl	0.586		"	0.831		70.6	30-113			
Surrogate: SURR: 2,4,6-Tribromophenol	1.69		"	1.66		102	30-110			
Surrogate: SURR: Terphenyl-d14	0.632		"	0.831		76.1	30-116			



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 BJ51819 - EPA 3546 SVOA											
Matrix Spike (BJ51819-MS1)		*Source sample: 25J1560-14 (SB-14 Comp)						Prepared: 10/28/2025 Analyzed: 10/29/2025			
1,1-Biphenyl	0.403	0.0952	mg/kg dry	0.951	ND	42.4	70-130	Low Bias			
1,2,4,5-Tetrachlorobenzene	0.539	0.190	"	0.951	ND	56.6	70-130	Low Bias			
1,2,4-Trichlorobenzene	0.461	0.0952	"	0.951	ND	48.5	10-127				
1,2-Dichlorobenzene	0.419	0.0952	"	0.951	ND	44.0	14-111				
1,2-Diphenylhydrazine (as Azobenzene)	0.342	0.0952	"	0.951	ND	35.9	10-144				
1,3-Dichlorobenzene	0.415	0.0952	"	0.951	ND	43.7	11-111				
1,4-Dichlorobenzene	0.419	0.0952	"	0.951	ND	44.1	10-106				
2,3,4,6-Tetrachlorophenol	0.447	0.190	"	0.951	ND	47.0	70-130	Low Bias			
2,4,5-Trichlorophenol	0.467	0.0952	"	0.951	ND	49.1	70-127	Low Bias			
2,4,6-Trichlorophenol	0.405	0.0952	"	0.951	ND	42.6	70-130	Low Bias			
2,4-Dichlorophenol	0.400	0.0952	"	0.951	ND	42.1	70-128	Low Bias			
2,4-Dimethylphenol	0.396	0.0952	"	0.951	ND	41.7	70-130	Low Bias			
2,4-Dinitrophenol	ND	0.190	"	0.951	ND		20-160	Low Bias			
2,4-Dinitrotoluene	0.297	0.0952	"	0.951	ND	31.2	70-130	Low Bias			
2,6-Dinitrotoluene	0.314	0.0952	"	0.951	ND	33.0	70-130	Low Bias			
2-Chloronaphthalene	0.416	0.0952	"	0.951	ND	43.8	70-129	Low Bias			
2-Chlorophenol	0.377	0.0952	"	0.951	ND	39.7	70-116	Low Bias			
2-Methylnaphthalene	0.387	0.0952	"	0.951	ND	40.7	70-130	Low Bias			
2-Methylphenol	0.368	0.0952	"	0.951	ND	38.7	70-130	Low Bias			
2-Nitroaniline	0.363	0.190	"	0.951	ND	38.2	70-130	Low Bias			
2-Nitrophenol	0.223	0.0952	"	0.951	ND	23.4	70-129	Low Bias			
3- & 4-Methylphenols	0.292	0.0952	"	0.951	ND	30.7	20-123				
3,3-Dichlorobenzidine	0.333	0.0952	"	0.951	ND	35.0	70-155	Low Bias			
3-Nitroaniline	0.313	0.190	"	0.951	ND	32.9	70-130	Low Bias			
4,6-Dinitro-2-methylphenol	ND	0.190	"	0.951	ND		70-130	Low Bias			
4-Bromophenyl phenyl ether	0.412	0.0952	"	0.951	ND	43.4	70-128	Low Bias			
4-Chloro-3-methylphenol	0.394	0.0952	"	0.951	ND	41.4	70-130	Low Bias			
4-Chloroaniline	0.319	0.0952	"	0.951	ND	33.5	70-130	Low Bias			
4-Chlorophenyl phenyl ether	0.402	0.0952	"	0.951	ND	42.2	70-130	Low Bias			
4-Nitroaniline	0.316	0.190	"	0.951	ND	33.2	70-130	Low Bias			
4-Nitrophenol	0.170	0.190	"	0.951	ND	17.8	20-137	Low Bias			
Acenaphthene	0.386	0.0952	"	0.951	ND	40.6	70-130	Low Bias			
Acenaphthylene	0.432	0.0952	"	0.951	ND	45.4	70-130	Low Bias			
Acetophenone	0.353	0.0952	"	0.951	ND	37.1	70-116	Low Bias			
Aniline	0.346	0.381	"	0.951	ND	36.4	10-123				
Anthracene	0.416	0.0952	"	0.951	ND	43.8	70-130	Low Bias			
Atrazine	0.323	0.0952	"	0.951	ND	33.9	70-115	Low Bias			
Benzaldehyde	0.322	0.0952	"	0.951	ND	33.8	20-125				
Benzo(a)anthracene	0.415	0.0952	"	0.951	ND	43.7	70-130	Low Bias			
Benzo(a)pyrene	0.401	0.0952	"	0.951	ND	42.2	70-130	Low Bias			
Benzo(b)fluoranthene	0.419	0.0952	"	0.951	ND	44.0	70-130	Low Bias			
Benzo(g,h,i)perylene	0.416	0.0952	"	0.951	ND	43.8	70-130	Low Bias			
Benzo(k)fluoranthene	0.407	0.0952	"	0.951	ND	42.8	70-130	Low Bias			
Benzoic acid	ND	0.0952	"	0.951	ND		10-166	Low Bias			
Benzyl alcohol	0.355	0.0952	"	0.951	ND	37.3	12-124				
Benzyl butyl phthalate	0.342	0.0952	"	0.951	ND	36.0	70-130	Low Bias			
Bis(2-chloroethoxy)methane	0.365	0.0952	"	0.951	ND	38.4	70-130	Low Bias			
Bis(2-chloroethyl)ether	0.322	0.0952	"	0.951	ND	33.8	70-119	Low Bias			
Bis(2-chloroisopropyl)ether	0.283	0.0952	"	0.951	ND	29.8	70-130	Low Bias			
Bis(2-ethylhexyl)phthalate	0.339	0.0952	"	0.951	ND	35.6	70-130	Low Bias			
Caprolactam	0.344	0.190	"	0.951	ND	36.2	20-132				



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 BJ51819 - EPA 3546 SVOA

Matrix Spike (BJ51819-MS1)		*Source sample: 25J1560-14 (SB-14 Comp)					Prepared: 10/28/2025 Analyzed: 10/29/2025				
Carbazole	0.390	0.0952	mg/kg dry	0.951	ND	41.0	70-130	Low Bias			
Chrysene	0.429	0.0952	"	0.951	ND	45.1	70-130	Low Bias			
Dibenzo(a,h)anthracene	0.396	0.0952	"	0.951	ND	41.7	70-130	Low Bias			
Dibenzofuran	0.426	0.0952	"	0.951	ND	44.8	70-130	Low Bias			
Diethyl phthalate	0.369	0.0952	"	0.951	ND	38.8	70-120	Low Bias			
Dimethyl phthalate	0.377	0.0952	"	0.951	ND	39.7	70-130	Low Bias			
Di-n-butyl phthalate	0.369	0.0952	"	0.951	ND	38.8	70-130	Low Bias			
Di-n-octyl phthalate	0.330	0.0952	"	0.951	ND	34.7	70-130	Low Bias			
Diphenylamine	0.482	0.190	"	0.951	ND	50.6	40-140				
Fluoranthene	0.398	0.0952	"	0.951	ND	41.8	70-130	Low Bias			
Fluorene	0.415	0.0952	"	0.951	ND	43.6	70-130	Low Bias			
Hexachlorobenzene	0.373	0.0952	"	0.951	ND	39.2	70-130	Low Bias			
Hexachlorobutadiene	0.484	0.0952	"	0.951	ND	50.9	70-130	Low Bias			
Hexachlorocyclopentadiene	0.0883	0.0952	"	0.951	ND	9.28	20-106	Low Bias			
Hexachloroethane	0.348	0.0952	"	0.951	ND	36.6	20-110				
Indeno(1,2,3-cd)pyrene	0.468	0.0952	"	0.951	ND	49.2	70-130	Low Bias			
Isophorone	0.358	0.0952	"	0.951	ND	37.7	70-130	Low Bias			
Naphthalene	0.450	0.0952	"	0.951	ND	47.3	70-130	Low Bias			
Nitrobenzene	0.322	0.0952	"	0.951	ND	33.8	70-130	Low Bias			
N-Nitrosodimethylamine	0.247	0.0952	"	0.951	ND	26.0	10-126				
N-nitroso-di-n-propylamine	0.312	0.0952	"	0.951	ND	32.8	70-125	Low Bias			
N-Nitrosodiphenylamine	0.472	0.0952	"	0.951	ND	49.6	70-130	Low Bias			
Pentachlorophenol	0.292	0.0952	"	0.951	ND	30.7	20-153				
Phenanthrene	0.412	0.0952	"	0.951	ND	43.4	70-130	Low Bias			
Phenol	0.364	0.0952	"	0.951	ND	38.3	20-126				
Pyrene	0.421	0.0952	"	0.951	ND	44.2	70-130	Low Bias			
Surrogate: SURR: 2-Fluorophenol	1.43		"	1.90		75.1	30-108				
Surrogate: SURR: Phenol-d6	1.34		"	1.90		70.3	30-114				
Surrogate: SURR: Nitrobenzene-d5	0.685		"	0.951		72.0	30-108				
Surrogate: SURR: 2-Fluorobiphenyl	0.861		"	0.951		90.5	30-113				
Surrogate: SURR: 2,4,6-Tribromophenol	2.40		"	1.90		126	30-110				
Surrogate: SURR: Terphenyl-d14	0.899		"	0.951		94.5	30-116				



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 BJ51819 - EPA 3546 SVOA											
Matrix Spike Dup (BJ51819-MSD1)		*Source sample: 25J1560-14 (SB-14 Comp)						Prepared: 10/28/2025 Analyzed: 10/29/2025			
1,1-Biphenyl	0.397	0.0952	mg/kg dry	0.951	ND	41.8	70-130	Low Bias	1.52	30	
1,2,4,5-Tetrachlorobenzene	0.558	0.190	"	0.951	ND	58.6	70-130	Low Bias	3.47	30	
1,2,4-Trichlorobenzene	0.484	0.0952	"	0.951	ND	50.9	10-127		4.83	30	
1,2-Dichlorobenzene	0.473	0.0952	"	0.951	ND	49.8	14-111		12.3	30	
1,2-Diphenylhydrazine (as Azobenzene)	0.318	0.0952	"	0.951	ND	33.4	10-144		7.15	30	
1,3-Dichlorobenzene	0.514	0.0952	"	0.951	ND	54.0	11-111		21.1	30	
1,4-Dichlorobenzene	0.474	0.0952	"	0.951	ND	49.8	10-106		12.3	30	
2,3,4,6-Tetrachlorophenol	0.434	0.190	"	0.951	ND	45.7	70-130	Low Bias	2.76	30	
2,4,5-Trichlorophenol	0.441	0.0952	"	0.951	ND	46.4	70-127	Low Bias	5.70	30	
2,4,6-Trichlorophenol	0.419	0.0952	"	0.951	ND	44.1	70-130	Low Bias	3.51	30	
2,4-Dichlorophenol	0.395	0.0952	"	0.951	ND	41.5	70-128	Low Bias	1.34	30	
2,4-Dimethylphenol	0.392	0.0952	"	0.951	ND	41.2	70-130	Low Bias	1.16	30	
2,4-Dinitrophenol	ND	0.190	"	0.951	ND		20-160	Low Bias		30	
2,4-Dinitrotoluene	0.289	0.0952	"	0.951	ND	30.4	70-130	Low Bias	2.60	30	
2,6-Dinitrotoluene	0.339	0.0952	"	0.951	ND	35.6	70-130	Low Bias	7.70	30	
2-Chloronaphthalene	0.423	0.0952	"	0.951	ND	44.5	70-129	Low Bias	1.63	30	
2-Chlorophenol	0.458	0.0952	"	0.951	ND	48.2	70-116	Low Bias	19.3	30	
2-Methylnaphthalene	0.412	0.0952	"	0.951	ND	43.3	70-130	Low Bias	6.10	30	
2-Methylphenol	0.380	0.0952	"	0.951	ND	39.9	70-130	Low Bias	3.05	30	
2-Nitroaniline	0.404	0.190	"	0.951	ND	42.5	70-130	Low Bias	10.7	30	
2-Nitrophenol	0.299	0.0952	"	0.951	ND	31.4	70-129	Low Bias	29.2	30	
3- & 4-Methylphenols	0.329	0.0952	"	0.951	ND	34.6	20-123		11.8	30	
3,3-Dichlorobenzidine	0.323	0.0952	"	0.951	ND	33.9	70-155	Low Bias	3.02	30	
3-Nitroaniline	0.377	0.190	"	0.951	ND	39.6	70-130	Low Bias	18.5	30	
4,6-Dinitro-2-methylphenol	ND	0.190	"	0.951	ND		70-130	Low Bias		30	
4-Bromophenyl phenyl ether	0.399	0.0952	"	0.951	ND	42.0	70-128	Low Bias	3.19	30	
4-Chloro-3-methylphenol	0.411	0.0952	"	0.951	ND	43.2	70-130	Low Bias	4.16	30	
4-Chloroaniline	0.329	0.0952	"	0.951	ND	34.6	70-130	Low Bias	3.06	30	
4-Chlorophenyl phenyl ether	0.356	0.0952	"	0.951	ND	37.4	70-130	Low Bias	12.0	30	
4-Nitroaniline	0.387	0.190	"	0.951	ND	40.7	70-130	Low Bias	20.3	30	
4-Nitrophenol	0.237	0.190	"	0.951	ND	24.9	20-137		33.0	30	Non-dir.
Acenaphthene	0.384	0.0952	"	0.951	ND	40.3	70-130	Low Bias	0.593	30	
Acenaphthylene	0.421	0.0952	"	0.951	ND	44.2	70-130	Low Bias	2.68	30	
Acetophenone	0.395	0.0952	"	0.951	ND	41.5	70-116	Low Bias	11.2	30	
Aniline	0.417	0.381	"	0.951	ND	43.8	10-123		18.5	30	
Anthracene	0.403	0.0952	"	0.951	ND	42.4	70-130	Low Bias	3.16	30	
Atrazine	0.298	0.0952	"	0.951	ND	31.4	70-115	Low Bias	7.84	30	
Benzaldehyde	0.391	0.0952	"	0.951	ND	41.1	20-125		19.4	30	
Benzo(a)anthracene	0.390	0.0952	"	0.951	ND	41.0	70-130	Low Bias	6.23	30	
Benzo(a)pyrene	0.379	0.0952	"	0.951	ND	39.8	70-130	Low Bias	5.66	30	
Benzo(b)fluoranthene	0.377	0.0952	"	0.951	ND	39.6	70-130	Low Bias	10.5	30	
Benzo(g,h,i)perylene	0.381	0.0952	"	0.951	ND	40.1	70-130	Low Bias	8.78	30	
Benzo(k)fluoranthene	0.399	0.0952	"	0.951	ND	42.0	70-130	Low Bias	1.89	30	
Benzoic acid	ND	0.0952	"	0.951	ND		10-166	Low Bias		30	
Benzyl alcohol	0.371	0.0952	"	0.951	ND	39.0	12-124		4.41	30	
Benzyl butyl phthalate	0.303	0.0952	"	0.951	ND	31.8	70-130	Low Bias	12.3	30	
Bis(2-chloroethoxy)methane	0.371	0.0952	"	0.951	ND	39.0	70-130	Low Bias	1.45	30	
Bis(2-chloroethyl)ether	0.380	0.0952	"	0.951	ND	39.9	70-119	Low Bias	16.5	30	
Bis(2-chloroisopropyl)ether	0.300	0.0952	"	0.951	ND	31.5	70-130	Low Bias	5.74	30	
Bis(2-ethylhexyl)phthalate	0.297	0.0952	"	0.951	ND	31.2	70-130	Low Bias	13.2	30	
Caprolactam	0.388	0.190	"	0.951	ND	40.8	20-132		12.1	30	



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 BJ51819 - EPA 3546 SVOA

Matrix Spike Dup (BJ51819-MSD1)	*Source sample: 25J1560-14 (SB-14 Comp)					Prepared: 10/28/2025 Analyzed: 10/29/2025					
Carbazole	0.366	0.0952	mg/kg dry	0.951	ND	38.5	70-130	Low Bias	6.44	30	
Chrysene	0.401	0.0952	"	0.951	ND	42.2	70-130	Low Bias	6.78	30	
Dibenzo(a,h)anthracene	0.369	0.0952	"	0.951	ND	38.8	70-130	Low Bias	7.16	30	
Dibenzofuran	0.367	0.0952	"	0.951	ND	38.6	70-130	Low Bias	15.0	30	
Diethyl phthalate	0.305	0.0952	"	0.951	ND	32.1	70-120	Low Bias	19.0	30	
Dimethyl phthalate	0.370	0.0952	"	0.951	ND	38.9	70-130	Low Bias	2.04	30	
Di-n-butyl phthalate	0.329	0.0952	"	0.951	ND	34.6	70-130	Low Bias	11.3	30	
Di-n-octyl phthalate	0.299	0.0952	"	0.951	ND	31.4	70-130	Low Bias	9.92	30	
Diphenylamine	0.447	0.190	"	0.951	ND	47.0	40-140		7.37	30	
Fluoranthene	0.383	0.0952	"	0.951	ND	40.2	70-130	Low Bias	3.90	30	
Fluorene	0.362	0.0952	"	0.951	ND	38.1	70-130	Low Bias	13.5	30	
Hexachlorobenzene	0.346	0.0952	"	0.951	ND	36.4	70-130	Low Bias	7.41	30	
Hexachlorobutadiene	0.565	0.0952	"	0.951	ND	59.4	70-130	Low Bias	15.5	30	
Hexachlorocyclopentadiene	0.103	0.0952	"	0.951	ND	10.8	20-106	Low Bias	15.1	30	
Hexachloroethane	0.412	0.0952	"	0.951	ND	43.4	20-110		17.0	30	
Indeno(1,2,3-cd)pyrene	0.353	0.0952	"	0.951	ND	37.1	70-130	Low Bias	28.0	30	
Isophorone	0.361	0.0952	"	0.951	ND	38.0	70-130	Low Bias	0.846	30	
Naphthalene	0.472	0.0952	"	0.951	ND	49.6	70-130	Low Bias	4.79	30	
Nitrobenzene	0.386	0.0952	"	0.951	ND	40.6	70-130	Low Bias	18.1	30	
N-Nitrosodimethylamine	0.298	0.0952	"	0.951	ND	31.4	10-126		18.7	30	
N-nitroso-di-n-propylamine	0.347	0.0952	"	0.951	ND	36.5	70-125	Low Bias	10.6	30	
N-Nitrosodiphenylamine	0.441	0.0952	"	0.951	ND	46.3	70-130	Low Bias	6.84	30	
Pentachlorophenol	0.347	0.0952	"	0.951	ND	36.5	20-153		17.1	30	
Phenanthrene	0.390	0.0952	"	0.951	ND	41.0	70-130	Low Bias	5.69	30	
Phenol	0.430	0.0952	"	0.951	ND	45.2	20-126		16.5	30	
Pyrene	0.396	0.0952	"	0.951	ND	41.7	70-130	Low Bias	5.96	30	
Surrogate: SURR: 2-Fluorophenol	1.71		"	1.90		89.9	30-108				
Surrogate: SURR: Phenol-d6	1.59		"	1.90		83.8	30-114				
Surrogate: SURR: Nitrobenzene-d5	0.801		"	0.951		84.2	30-108				
Surrogate: SURR: 2-Fluorobiphenyl	0.873		"	0.951		91.8	30-113				
Surrogate: SURR: 2,4,6-Tribromophenol	2.33		"	1.90		122	30-110				
Surrogate: SURR: Terphenyl-d14	0.724		"	0.951		76.2	30-116				



Semivolatile Organic Compounds by GC/MS/SIM - 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 BJ51718 - EPA 3510C

Blank (BJ51718-BLK2)

Prepared: 10/27/2025 Analyzed: 10/30/2025

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 (BJ51718-BS2)

Prepared: 10/27/2025 Analyzed: 10/30/2025

Acenaphthene	0.720	0.0500	ug/L	1.00	72.0	25-116	
Acenaphthylene	0.729	0.0500	"	1.00	72.9	26-116	
Anthracene	0.654	0.0500	"	1.00	65.4	25-123	
Benzo(a)anthracene	0.821	0.0500	"	1.00	82.1	33-125	
Benzo(a)pyrene	0.753	0.0500	"	1.00	75.3	32-132	
Benzo(b)fluoranthene	0.941	0.0500	"	1.00	94.1	22-137	
Benzo(g,h,i)perylene	1.02	0.0500	"	1.00	102	10-138	
Benzo(k)fluoranthene	0.980	0.0500	"	1.00	98.0	20-137	
Bis(2-ethylhexyl)phthalate	1.17	0.500	"	1.00	117	10-189	
Chrysene	0.907	0.0500	"	1.00	90.7	32-124	
Dibenzo(a,h)anthracene	0.923	0.0500	"	1.00	92.3	16-133	
Fluoranthene	0.832	0.0500	"	1.00	83.2	32-121	
Fluorene	0.821	0.0500	"	1.00	82.1	28-118	
Hexachlorobenzene	0.975	0.0200	"	1.00	97.5	23-124	
Hexachlorobutadiene	0.772	0.500	"	1.00	77.2	15-123	
Hexachloroethane	3.36	0.500	"	1.00	336	18-115	High Bias
Indeno(1,2,3-cd)pyrene	0.852	0.0500	"	1.00	85.2	15-135	
Naphthalene	0.746	0.0500	"	1.00	74.6	18-120	
Nitrobenzene	0.677	0.250	"	1.00	67.7	21-121	
N-Nitrosodimethylamine	ND	0.500	"	1.00		10-124	Low Bias
Pentachlorophenol	ND	0.250	"	1.00		10-156	Low Bias
Phenanthrene	0.784	0.0500	"	1.00	78.4	24-127	
Pyrene	0.853	0.0500	"	1.00	85.3	31-132	



Semivolatile Organic Compounds by GC/MS/SIM - 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 BJ51757 - EPA 3550C

Blank (BJ51757-BLK1)

Prepared: 10/27/2025 Analyzed: 11/03/2025

1,4-Dioxane	ND	19.8	ug/kg								
Surrogate: 1,4-Dioxane-d8	564		"	495		114	39-127.5				

LCS (BJ51757-BS1)

Prepared: 10/27/2025 Analyzed: 11/03/2025

1,4-Dioxane	553	19.8	ug/kg	495		112	40-130				
Surrogate: 1,4-Dioxane-d8	356		"	495		72.0	39-127.5				

Batch BJ51830 - EPA 3535A

Blank (BJ51830-BLK1)

Prepared: 10/28/2025 Analyzed: 10/31/2025

1,4-Dioxane	ND	0.300	ug/L								
Surrogate: 1,4-Dioxane-d8	3.68		"	4.00		92.0	36.6-118				

LCS (BJ51830-BS1)

Prepared: 10/28/2025 Analyzed: 10/31/2025

1,4-Dioxane	3.95	0.300	ug/L	4.00		98.8	50-130				
Surrogate: 1,4-Dioxane-d8	4.00		"	4.00		100	36.6-118				

Matrix Spike (BJ51830-MS1)

*Source sample: 25J1560-21 (RINSATE COMP)

Prepared: 10/28/2025 Analyzed: 11/03/2025

1,4-Dioxane	4.00	0.300	ug/L	4.00	ND	100	50-130				
Surrogate: 1,4-Dioxane-d8	3.04		"	4.00		76.0	50-130				

Matrix Spike Dup (BJ51830-MSD1)

*Source sample: 25J1560-21 (RINSATE COMP)

Prepared: 10/28/2025 Analyzed: 11/03/2025

1,4-Dioxane	3.10	0.300	ug/L	4.00	ND	77.6	50-130		25.2	30	
Surrogate: 1,4-Dioxane-d8	2.88		"	4.00		72.0	50-130				

Batch BJ51911 - EPA 3550C

Blank (BJ51911-BLK1)

Prepared: 10/29/2025 Analyzed: 10/31/2025

1,4-Dioxane	ND	19.8	ug/kg								
Surrogate: 1,4-Dioxane-d8	485		"	495		98.0	39-127.5				



Semivolatile Organic Compounds by GC/MS/SIM - 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 BJ51911 - EPA 3550C											
LCS (BJ51911-BS1)						Prepared: 10/29/2025 Analyzed: 10/31/2025					
1,4-Dioxane	559	19.8	ug/kg	495		113	40-130				
Surrogate: 1,4-Dioxane-d8	426		"	495		86.0	39-127.5				
Batch BJ52038 - EPA 3550C											
Blank (BJ52038-BLK1)						Prepared: 10/30/2025 Analyzed: 11/04/2025					
1,4-Dioxane	ND	19.8	ug/kg								
Surrogate: 1,4-Dioxane-d8	386		"	495		78.0	39-127.5				
LCS (BJ52038-BS1)						Prepared: 10/30/2025 Analyzed: 11/04/2025					
1,4-Dioxane	506	19.8	ug/kg	495		102	40-130				
Surrogate: 1,4-Dioxane-d8	366		"	495		74.0	39-127.5				
Matrix Spike (BJ52038-MS1)						*Source sample: 25J1560-14 (SB-14 Comp) Prepared: 10/30/2025 Analyzed: 11/04/2025					
1,4-Dioxane	452	19.8	ug/kg	495	ND	91.4	40-130				
Surrogate: 1,4-Dioxane-d8	267		"	495		54.0	40-130				
Matrix Spike Dup (BJ52038-MSD1)						*Source sample: 25J1560-14 (SB-14 Comp) Prepared: 10/30/2025 Analyzed: 11/04/2025					
1,4-Dioxane	478	19.8	ug/kg	495	ND	96.6	40-130		5.53	30	
Surrogate: 1,4-Dioxane-d8	416		"	495		84.0	40-130				



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

York Analytical Laboratories, Inc.

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

Batch BJ51845 - EPA 1633 Prep

Blank (BJ51845-BLK1)

Prepared: 10/28/2025 Analyzed: 11/01/2025

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	ND	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)	ND	8.00	"
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	3.56	"
Perfluoro-3,6-dioxahexanoic 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	ND	20.0	"
N-MeFOSA	ND	2.00	"
N-EtFOSE	ND	20.0	"
N-EtFOSA	ND	2.00	"

Surrogate: M3PFBS	23.6	"	23.3	101	40-135
Surrogate: M5PFHxA	23.2	"	25.0	93.0	40-130
Surrogate: M4PFHpA	22.8	"	25.0	91.0	40-130
Surrogate: M3PFHxS	24.2	"	23.7	102	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 BJ51845 - EPA 1633 Prep

Blank (BJ51845-BLK1)

Prepared: 10/28/2025 Analyzed: 11/01/2025

Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	23.6		ng/L	25.0		94.2	40-130				
Surrogate: M6PFDA	11.4		"	12.5		91.4	40-130				
Surrogate: M7PFUdA	10.9		"	12.5		87.5	30-130				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	9.56		"	12.5		76.5	10-130				
Surrogate: M2PFTeDA	7.58		"	12.5		60.6	10-130				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	96.1		"	100		96.1	5-130				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	22.3		"	24.0		92.9	40-130				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	48.5		"	50.0		97.0	40-130				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	24.9		"	25.0		99.6	40-130				
Surrogate: d3-N-MeFOSAA	41.6		"	50.0		83.2	40-170				
Surrogate: d5-N-EtFOSAA	43.4		"	50.0		86.8	25-135				
Surrogate: M2-6:2 FTS	59.1		"	47.6		124	40-200				
Surrogate: M2-8:2 FTS	59.0		"	48.0		123	40-300				
Surrogate: M9PFNA	11.7		"	12.5		93.6	40-130				
Surrogate: M2-4:2 FTS	54.1		"	46.9		115	40-200				
Surrogate: d-N-MeFOSA	21.1		"	25.0		84.5	10-130				
Surrogate: d-N-EtFOSA	19.2		"	25.0		76.7	10-130				
Surrogate: M3HFPO-DA	107		"	100		107	40-130				
Surrogate: d9-N-EtFOSE	156		"	250		62.4	10-130				
Surrogate: d7-N-MeFOSE	175		"	250		70.1	10-130				

LCS (BJ51845-BS1)

Prepared: 10/28/2025 Analyzed: 11/01/2025

Perfluorobutanesulfonic acid (PFBS)	38.9	1.77	ng/L	35.4		110	60-145				
Perfluorohexanoic acid (PFHxA)	45.9	2.00	"	40.0		115	70-145				
Perfluoroheptanoic acid (PFHpA)	46.1	2.00	"	40.0		115	70-150				
Perfluorohexanesulfonic acid (PFHxS)	38.4	1.83	"	36.6		105	65-145				
Perfluorooctanoic acid (PFOA)	45.6	2.00	"	40.0		114	70-150				
Perfluorooctanesulfonic acid (PFOS)	39.8	1.86	"	37.2		107	55-150				
Perfluorononanoic acid (PFNA)	48.3	2.00	"	40.0		121	70-150				
Perfluorodecanoic acid (PFDA)	49.4	2.00	"	40.0		124	70-140				
Perfluoroundecanoic acid (PFUnA)	48.6	2.00	"	40.0		122	70-145				
Perfluorododecanoic acid (PFDoA)	49.0	2.00	"	40.0		122	70-140				
Perfluorotridecanoic acid (PFTriDA)	51.7	2.00	"	40.0		129	65-140				
Perfluorotetradecanoic acid (PFTA)	47.7	2.00	"	40.0		119	60-140				
N-MeFOSAA	47.4	2.00	"	40.0		119	50-140				
N-EtFOSAA	43.9	5.00	"	40.0		110	70-145				
Perfluoropentanoic acid (PFPeA)	91.3	4.00	"	80.0		114	65-135				
Perfluoro-1-octanesulfonamide (FOSA)	43.7	2.00	"	40.0		109	70-145				
Perfluoro-1-heptanesulfonic acid (PFHpS)	41.1	1.91	"	38.2		108	70-150				
Perfluoro-1-decanesulfonic acid (PFDS)	40.0	1.93	"	38.6		104	60-145				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	168	7.60	"	152		110	65-155				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	169	7.68	"	154		110	60-150				
Perfluoro-n-butanoic acid (PFBA)	187	8.00	"	160		117	70-140				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	86.1	3.56	"	71.2		121	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 BJ51845 - EPA 1633 Prep											
LCS (BJ51845-BS1)						Prepared: 10/28/2025 Analyzed: 11/01/2025					
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	114	4.00	ng/L	80.0		143	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	93.8	4.00	"	80.0		117	55-140				
Perfluoro-5-oxahexanoic acid (PFMBA)	94.6	4.00	"	80.0		118	60-150				
Perfluoro-1-pentanesulfonate (PFPeS)	40.8	1.88	"	37.6		109	65-140				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	174	7.50	"	150		116	70-145				
HFPO-DA (Gen-X)	94.0	8.00	"	80.0		118	70-140				
11CL-PF3OUdS	93.5	7.56	"	75.6		124	55-160				
9CL-PF3ONS	98.1	7.48	"	74.8		131	70-155				
ADONA	92.1	7.56	"	75.6		122	65-145				
Perfluorododecanesulfonic acid (PFDoS)	38.0	1.94	"	38.8		97.9	50-145				
Perfluoro-1-nonanesulfonic acid (PFNS)	47.8	1.92	"	38.4		124	65-145				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	241	10.0	"	160		151	65-130	High Bias			
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	988	50.0	"	800		124	70-135				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	1120	50.0	"	800		140	50-145				
N-MeFOSE	478	20.0	"	400		119	70-145				
N-MeFOSA	49.8	2.00	"	40.0		125	60-150				
N-EtFOSE	491	20.0	"	400		123	70-135				
N-EtFOSA	48.0	2.00	"	40.0		120	65-145				
Surrogate: M3PFBS	24.0		"	23.3		103	40-135				
Surrogate: M5PFHxA	23.2		"	25.0		92.9	40-130				
Surrogate: M4PFHpA	23.1		"	25.0		92.5	40-130				
Surrogate: M3PFHxS	23.2		"	23.7		97.8	40-130				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	23.4		"	25.0		93.6	40-130				
Surrogate: M6PFDA	11.0		"	12.5		88.1	40-130				
Surrogate: M7PFUdA	10.6		"	12.5		84.5	30-130				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	9.07		"	12.5		72.6	10-130				
Surrogate: M2PFTeDA	8.90		"	12.5		71.2	10-130				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	92.3		"	100		92.3	5-130				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	25.1		"	24.0		105	40-130				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	46.5		"	50.0		92.9	40-130				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	27.7		"	25.0		111	40-130				
Surrogate: d3-N-MeFOSAA	45.1		"	50.0		90.3	40-170				
Surrogate: d5-N-EtFOSAA	47.1		"	50.0		94.3	25-135				
Surrogate: M2-6:2 FTS	46.4		"	47.6		97.6	40-200				
Surrogate: M2-8:2 FTS	49.9		"	48.0		104	40-300				
Surrogate: M9PFNA	11.1		"	12.5		88.5	40-130				
Surrogate: M2-4:2 FTS	46.0		"	46.9		98.0	40-200				
Surrogate: d-N-MeFOSA	20.8		"	25.0		83.2	10-130				
Surrogate: d-N-EtFOSA	20.9		"	25.0		83.5	10-130				
Surrogate: M3HFPO-DA	93.5		"	100		93.5	40-130				
Surrogate: d9-N-EtFOSE	188		"	250		75.1	10-130				
Surrogate: d7-N-MeFOSE	200		"	250		79.8	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 BJ51845 - EPA 1633 Prep											
LCS (BJ51845-BS2)						Prepared: 10/28/2025 Analyzed: 11/01/2025					
Perfluorobutanesulfonic acid (PFBS)	3.34	1.77	ng/L	3.54		94.5	60-145				
Perfluorohexanoic acid (PFHxA)	3.86	2.00	"	4.00		96.5	70-145				
Perfluoroheptanoic acid (PFHpA)	3.92	2.00	"	4.00		98.0	70-150				
Perfluorohexanesulfonic acid (PFHxS)	3.94	1.83	"	3.66		108	65-145				
Perfluorooctanoic acid (PFOA)	3.88	2.00	"	4.00		96.9	70-150				
Perfluorooctanesulfonic acid (PFOS)	3.19	1.86	"	3.72		85.8	55-150				
Perfluorononanoic acid (PFNA)	4.06	2.00	"	4.00		102	70-150				
Perfluorodecanoic acid (PFDA)	4.01	2.00	"	4.00		100	70-140				
Perfluoroundecanoic acid (PFUnA)	4.11	2.00	"	4.00		103	70-145				
Perfluorododecanoic acid (PFDoA)	4.15	2.00	"	4.00		104	70-140				
Perfluorotridecanoic acid (PFTriDA)	4.50	2.00	"	4.00		113	65-140				
Perfluorotetradecanoic acid (PFTA)	3.96	2.00	"	4.00		99.1	60-140				
N-MeFOSAA	3.38	2.00	"	4.00		84.4	50-140				
N-EtFOSAA	3.82	5.00	"	4.00		95.5	70-145				
Perfluoropentanoic acid (PFPeA)	7.71	4.00	"	8.00		96.3	65-135				
Perfluoro-1-octanesulfonamide (FOSA)	3.50	2.00	"	4.00		87.4	70-145				
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.36	1.91	"	3.82		88.0	70-150				
Perfluoro-1-decanesulfonic acid (PFDS)	2.76	1.93	"	3.86		71.6	60-145				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	13.4	7.60	"	15.2		88.0	65-155				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	15.5	7.68	"	15.4		101	60-150				
Perfluoro-n-butanoic acid (PFBA)	15.9	8.00	"	16.0		99.4	70-140				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	7.34	3.56	"	7.12		103	70-140				
Perfluoro-3,6-dioxahexanoic acid (NFDHA)	7.78	4.00	"	8.00		97.2	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	8.31	4.00	"	8.00		104	55-140				
Perfluoro-5-oxahexanoic acid (PFMBA)	8.52	4.00	"	8.00		107	60-150				
Perfluoro-1-pentanesulfonate (PFPeS)	4.00	1.88	"	3.76		106	65-140				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	15.8	7.50	"	15.0		106	70-145				
HFPO-DA (Gen-X)	5.93	8.00	"	8.00		74.1	70-140				
11CL-PF3OUdS	9.53	7.56	"	7.56		126	55-160				
9CL-PF3ONS	10.7	7.48	"	7.48		143	70-155				
ADONA	8.84	7.56	"	7.56		117	65-145				
Perfluorododecanesulfonic acid (PFDoS)	3.42	1.94	"	3.88		88.2	50-145				
Perfluoro-1-nonanesulfonic acid (PFNS)	3.40	1.92	"	3.84		88.4	65-145				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	20.2	10.0	"	16.0		126	65-130				
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	81.2	50.0	"	80.0		101	70-135				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	92.9	50.0	"	80.0		116	50-145				
N-MeFOSE	38.8	20.0	"	40.0		97.0	70-145				
N-MeFOSA	4.35	2.00	"	4.00		109	60-150				
N-EtFOSE	38.6	20.0	"	40.0		96.5	70-135				
N-EtFOSA	4.46	2.00	"	4.00		112	65-145				
Surrogate: M3PFBS	24.7		"	23.3		106	40-135				
Surrogate: M5PFHxA	23.4		"	25.0		93.8	40-130				
Surrogate: M4PFHpA	23.4		"	25.0		93.6	40-130				
Surrogate: M3PFHxS	23.0		"	23.7		96.9	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 BJ51845 - EPA 1633 Prep

LCS (BJ51845-BS2)

Prepared: 10/28/2025 Analyzed: 11/01/2025

Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	22.4		ng/L	25.0		89.5	40-130				
Surrogate: M6PFDA	12.6		"	12.5		101	40-130				
Surrogate: M7PFUdA	11.6		"	12.5		92.6	30-130				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	9.81		"	12.5		78.5	10-130				
Surrogate: M2PFTeDA	9.12		"	12.5		73.0	10-130				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	95.6		"	100		95.6	5-130				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	24.9		"	24.0		104	40-130				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	47.4		"	50.0		94.7	40-130				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	27.1		"	25.0		108	40-130				
Surrogate: d3-N-MeFOSAA	47.7		"	50.0		95.5	40-170				
Surrogate: d5-N-EtFOSAA	44.5		"	50.0		89.1	25-135				
Surrogate: M2-6:2 FTS	58.3		"	47.6		123	40-200				
Surrogate: M2-8:2 FTS	54.3		"	48.0		113	40-300				
Surrogate: M9PFNA	12.5		"	12.5		100	40-130				
Surrogate: M2-4:2 FTS	51.4		"	46.9		110	40-200				
Surrogate: d-N-MeFOSA	21.8		"	25.0		87.1	10-130				
Surrogate: d-N-EtFOSA	18.9		"	25.0		75.4	10-130				
Surrogate: M3HFPO-DA	90.4		"	100		90.4	40-130				
Surrogate: d9-N-EtFOSE	179		"	250		71.7	10-130				
Surrogate: d7-N-MeFOSE	195		"	250		77.8	10-130				

Batch BJ52021 - EPA 1633 Prep

Blank (BJ52021-BLK1)

Prepared: 10/31/2025 Analyzed: 11/02/2025

Perfluorobutanesulfonic acid (PFBS)	ND	0.176	ug/kg wet	
Perfluorohexanoic acid (PFHxA)	ND	0.199	"	
Perfluoroheptanoic acid (PFHpA)	ND	0.199	"	
Perfluorohexanesulfonic acid (PFHxS)	ND	0.182	"	
Perfluorooctanoic acid (PFOA)	ND	0.199	"	
Perfluorooctanesulfonic acid (PFOS)	ND	0.185	"	
Perfluorononanoic acid (PFNA)	ND	0.199	"	
Perfluorodecanoic acid (PFDA)	ND	0.199	"	
Perfluoroundecanoic acid (PFUnA)	ND	0.199	"	
Perfluorododecanoic acid (PFDoA)	ND	0.199	"	
Perfluorotridecanoic acid (PFTTrDA)	ND	0.199	"	
Perfluorotetradecanoic acid (PFTA)	ND	0.199	"	
N-MeFOSAA	ND	0.199	"	
N-EtFOSAA	ND	0.498	"	
Perfluoropentanoic acid (PFPeA)	ND	0.398	"	
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.199	"	
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.199	"	
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.192	"	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	0.757	"	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	0.765	"	
Perfluoro-n-butanoic acid (PFBA)	ND	0.797	"	



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 BJ52021 - EPA 1633 Prep											
Blank (BJ52021-BLK1)											
Prepared: 10/31/2025 Analyzed: 11/02/2025											
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.355	ug/kg wet								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.398	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.398	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.398	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.187	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	0.747	"								
HFPO-DA (Gen-X)	ND	0.797	"								
11CL-PF3OUdS	ND	0.753	"								
9CL-PF3ONS	ND	0.745	"								
ADONA	ND	0.753	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.193	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.191	"								
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND	0.996	"								
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND	4.98	"								
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND	4.98	"								
N-MeFOSE	ND	1.99	"								
N-MeFOSA	ND	0.199	"								
N-EtFOSE	ND	1.99	"								
N-EtFOSA	ND	0.199	"								
Surrogate: M3PFBS	2.59		"	2.32		112	40-135				
Surrogate: M5PFHxA	2.52		"	2.49		101	40-130				
Surrogate: M4PFHpA	2.53		"	2.49		102	40-130				
Surrogate: M3PFHxS	2.48		"	2.36		105	40-130				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.38		"	2.49		95.6	40-130				
Surrogate: M6PFDA	1.17		"	1.25		93.9	40-130				
Surrogate: M7PFUdA	1.13		"	1.25		90.4	40-130				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	0.973		"	1.25		78.2	40-130				
Surrogate: M2PFTeDA	0.989		"	1.25		79.4	20-130				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	10.5		"	9.96		105	8-130				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.22		"	2.39		93.0	40-130				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5.17		"	4.98		104	35-130				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.50		"	2.49		100	40-130				
Surrogate: d3-N-MeFOSAA	4.11		"	4.98		82.6	40-135				
Surrogate: d5-N-EtFOSAA	4.41		"	4.98		88.5	40-150				
Surrogate: M2-6:2 FTS	5.84		"	4.74		123	40-215				
Surrogate: M2-8:2 FTS	5.08		"	4.78		106	40-275				
Surrogate: M9PFNA	1.27		"	1.25		102	40-130				
Surrogate: M2-4:2 FTS	6.25		"	4.67		134	40-165				
Surrogate: d-N-MeFOSA	2.14		"	2.49		85.9	10-130				
Surrogate: d-N-EtFOSA	2.23		"	2.49		89.6	10-130				
Surrogate: M3HFPO-DA	10.1		"	9.96		101	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 BJ52021 - EPA 1633 Prep											
Blank (BJ52021-BLK1)						Prepared: 10/31/2025 Analyzed: 11/02/2025					
Surrogate: d9-N-EtFOSE	19.8		ug/kg wet	24.9		79.3	15-130				
Surrogate: d7-N-MeFOSE	21.6		"	24.9		86.9	20-130				
LCS (BJ52021-BS1)						Prepared: 10/31/2025 Analyzed: 11/02/2025					
Perfluorobutanesulfonic acid (PFBS)	4.44	0.177	ug/kg wet	3.54		125	65-145				
Perfluorohexanoic acid (PFHxA)	4.78	0.200	"	4.00		120	65-140				
Perfluoroheptanoic acid (PFHpA)	4.36	0.200	"	4.00		109	65-145				
Perfluorohexanesulfonic acid (PFHxS)	4.06	0.183	"	3.66		111	60-150				
Perfluorooctanoic acid (PFOA)	5.19	0.200	"	4.00		130	70-150				
Perfluorooctanesulfonic acid (PFOS)	4.84	0.186	"	3.72		130	65-160				
Perfluorononanoic acid (PFNA)	4.67	0.200	"	4.00		117	70-155				
Perfluorodecanoic acid (PFDA)	4.80	0.200	"	4.00		120	70-155				
Perfluoroundecanoic acid (PFUnA)	4.73	0.200	"	4.00		118	70-155				
Perfluorododecanoic acid (PFDoA)	4.88	0.200	"	4.00		122	70-150				
Perfluorotridecanoic acid (PFTriDA)	4.88	0.200	"	4.00		122	65-150				
Perfluorotetradecanoic acid (PFTA)	4.78	0.200	"	4.00		119	65-150				
N-MeFOSAA	4.59	0.200	"	4.00		115	65-155				
N-EtFOSAA	4.52	0.500	"	4.00		113	65-165				
Perfluoropentanoic acid (PFPeA)	9.22	0.400	"	8.00		115	60-150				
Perfluoro-1-octanesulfonamide (FOSA)	4.72	0.200	"	4.00		118	70-140				
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.79	0.200	"	3.82		125	65-155				
Perfluoro-1-decanesulfonic acid (PFDS)	4.55	0.193	"	3.86		118	40-155				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	17.2	0.760	"	15.2		113	55-200				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	18.9	0.768	"	15.4		123	70-150				
Perfluoro-n-butanoic acid (PFBA)	19.4	0.800	"	16.0		121	70-140				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	8.74	0.356	"	7.12		123	70-140				
Perfluoro-3,6-dioxahexanoic acid (NFDHA)	10.8	0.400	"	8.00		135	60-155				
Perfluoro-4-oxapentanoic acid (PFMPA)	9.23	0.400	"	8.00		115	30-140				
Perfluoro-5-oxahexanoic acid (PFMBA)	9.75	0.400	"	8.00		122	60-150				
Perfluoro-1-pentanesulfonate (PFPeS)	4.15	0.188	"	3.76		110	55-160				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	17.5	0.750	"	15.0		117	60-150				
HFPO-DA (Gen-X)	9.49	0.800	"	8.00		119	70-145				
11CL-PF3OUdS	8.86	0.756	"	7.56		117	45-160				
9CL-PF3ONS	9.43	0.748	"	7.48		126	70-150				
ADONA	9.40	0.756	"	7.56		124	70-160				
Perfluorododecanesulfonic acid (PFDoS)	4.39	0.194	"	3.88		113	25-160				
Perfluoro-1-nonanesulfonic acid (PFNS)	5.30	0.192	"	3.84		138	55-140				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	20.1	1.00	"	16.0		126	45-130				
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	98.7	5.00	"	80.0		123	60-130				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	106	5.00	"	80.0		133	60-150				
N-MeFOSE	44.9	2.00	"	40.0		112	70-140				
N-MeFOSA	5.21	0.200	"	4.00		130	70-155				
N-EtFOSE	46.2	2.00	"	40.0		115	70-135				
N-EtFOSA	5.07	0.200	"	4.00		127	70-140				
Surrogate: M3PFBS	2.16		"	2.33		92.8	40-135				



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 BJ52021 - EPA 1633 Prep

LCS (BJ52021-BS1)

Prepared: 10/31/2025 Analyzed: 11/02/2025

Surrogate: M5PFHxA	2.31		ug/kg wet	2.50		92.2	40-130				
Surrogate: M4PFHpA	2.45		"	2.50		98.0	40-130				
Surrogate: M3PFHxS	2.14		"	2.37		90.2	40-130				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.07		"	2.50		82.8	40-130				
Surrogate: M6PFDA	1.04		"	1.25		83.0	40-130				
Surrogate: M7PFUDa	1.01		"	1.25		81.1	40-130				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	0.912		"	1.25		72.9	40-130				
Surrogate: M2PFTeDA	0.868		"	1.25		69.5	20-130				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	9.26		"	10.0		92.6	8-130				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.13		"	2.40		88.8	40-130				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	4.59		"	5.00		91.9	35-130				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.57		"	2.50		103	40-130				
Surrogate: d3-N-MeFOSAA	4.37		"	5.00		87.3	40-135				
Surrogate: d5-N-EtFOSAA	4.54		"	5.00		90.8	40-150				
Surrogate: M2-6:2 FTS	4.43		"	4.76		93.3	40-215				
Surrogate: M2-8:2 FTS	4.26		"	4.80		88.8	40-275				
Surrogate: M9PFNA	1.13		"	1.25		90.0	40-130				
Surrogate: M2-4:2 FTS	4.48		"	4.69		95.5	40-165				
Surrogate: d-N-MeFOSA	2.05		"	2.50		82.0	10-130				
Surrogate: d-N-EtFOSA	2.25		"	2.50		89.9	10-130				
Surrogate: M3HFPO-DA	9.15		"	10.0		91.5	40-130				
Surrogate: d9-N-EtFOSE	21.2		"	25.0		84.9	15-130				
Surrogate: d7-N-MeFOSE	21.8		"	25.0		87.2	20-130				

LCS (BJ52021-BS2)

Prepared: 10/31/2025 Analyzed: 11/02/2025

Perfluorobutanesulfonic acid (PFBS)	0.402	0.176	ug/kg wet	0.353		114	65-145				
Perfluorohexanoic acid (PFHxA)	0.399	0.199	"	0.398		100	65-140				
Perfluoroheptanoic acid (PFHpA)	0.416	0.199	"	0.398		104	65-145				
Perfluorohexanesulfonic acid (PFHxS)	0.381	0.182	"	0.365		104	60-150				
Perfluorooctanoic acid (PFOA)	0.423	0.199	"	0.398		106	70-150				
Perfluorooctanesulfonic acid (PFOS)	0.422	0.185	"	0.371		114	65-160				
Perfluorononanoic acid (PFNA)	0.430	0.199	"	0.398		108	70-155				
Perfluorodecanoic acid (PFDA)	0.478	0.199	"	0.398		120	70-155				
Perfluoroundecanoic acid (PFUnA)	0.423	0.199	"	0.398		106	70-155				
Perfluorododecanoic acid (PFDoA)	0.470	0.199	"	0.398		118	70-150				
Perfluorotridecanoic acid (PFTrDA)	0.526	0.199	"	0.398		132	65-150				
Perfluorotetradecanoic acid (PFTA)	0.400	0.199	"	0.398		100	65-150				
N-MeFOSAA	0.443	0.199	"	0.398		111	65-155				
N-EtFOSAA	0.441	0.498	"	0.398		111	65-165				
Perfluoropentanoic acid (PFPeA)	0.834	0.398	"	0.797		105	60-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.452	0.199	"	0.398		113	70-140				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.455	0.199	"	0.380		120	65-155				
Perfluoro-1-decanesulfonic acid (PFDS)	0.472	0.192	"	0.384		123	40-155				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1.69	0.757	"	1.51		111	55-200				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1.68	0.765	"	1.53		110	70-150				



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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ52021 - EPA 1633 Prep											
LCS (BJ52021-BS2)						Prepared: 10/31/2025 Analyzed: 11/02/2025					
Perfluoro-n-butanoic acid (PFBA)	1.71	0.797	ug/kg wet	1.59		107	70-140				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	0.750	0.355	"	0.709		106	70-140				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	0.948	0.398	"	0.797		119	60-155				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.844	0.398	"	0.797		106	30-140				
Perfluoro-5-oxahexanoic acid (PFMBA)	0.912	0.398	"	0.797		114	60-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.408	0.187	"	0.375		109	55-160				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1.56	0.747	"	1.49		104	60-150				
HFPO-DA (Gen-X)	0.916	0.797	"	0.797		115	70-145				
11CL-PF3OUdS	0.956	0.753	"	0.753		127	45-160				
9CL-PF3ONS	0.932	0.745	"	0.745		125	70-150				
ADONA	0.925	0.753	"	0.753		123	70-160				
Perfluorododecanesulfonic acid (PFDoS)	0.468	0.193	"	0.386		121	25-160				
Perfluoro-1-nonanesulfonic acid (PFNS)	0.382	0.191	"	0.382		99.9	55-140				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	2.07	0.996	"	1.59		130	45-130				
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	8.71	4.98	"	7.97		109	60-130				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	8.28	4.98	"	7.97		104	60-150				
N-MeFOSE	4.20	1.99	"	3.98		105	70-140				
N-MeFOSA	0.503	0.199	"	0.398		126	70-155				
N-EtFOSE	4.34	1.99	"	3.98		109	70-135				
N-EtFOSA	0.589	0.199	"	0.398		148	70-140	High Bias			
Surrogate: M3PFBS	2.19		"	2.32		94.2	40-135				
Surrogate: M5PFHxA	2.23		"	2.49		89.6	40-130				
Surrogate: M4PFHpA	2.38		"	2.49		95.5	40-130				
Surrogate: M3PFHxS	1.96		"	2.36		82.9	40-130				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.15		"	2.49		86.5	40-130				
Surrogate: M6PFDA	1.02		"	1.25		81.7	40-130				
Surrogate: M7PFUdA	1.01		"	1.25		81.3	40-130				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	0.913		"	1.25		73.4	40-130				
Surrogate: M2PFTeDA	0.920		"	1.25		73.9	20-130				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	9.05		"	9.96		90.9	8-130				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	1.87		"	2.39		78.2	40-130				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	4.49		"	4.98		90.2	35-130				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.09		"	2.49		84.0	40-130				
Surrogate: d3-N-MeFOSAA	3.51		"	4.98		70.6	40-135				
Surrogate: d5-N-EtFOSAA	3.91		"	4.98		78.5	40-150				
Surrogate: M2-6:2 FTS	4.75		"	4.74		100	40-215				
Surrogate: M2-8:2 FTS	4.71		"	4.78		98.5	40-275				
Surrogate: M9PFNA	1.19		"	1.25		96.0	40-130				
Surrogate: M2-4:2 FTS	5.00		"	4.67		107	40-165				
Surrogate: d-N-MeFOSA	1.83		"	2.49		73.3	10-130				
Surrogate: d-N-EtFOSA	1.85		"	2.49		74.4	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 BJ52021 - EPA 1633 Prep

LCS (BJ52021-BS2)

Prepared: 10/31/2025 Analyzed: 11/02/2025

Surrogate: M3HFPO-DA	9.03		ug/kg wet	9.96		90.7	40-130				
Surrogate: d9-N-EtFOSE	18.6		"	24.9		74.6	15-130				
Surrogate: d7-N-MeFOSE	19.5		"	24.9		78.3	20-130				

Batch BK50049 - EPA 1633 Prep

Blank (BK50049-BLK1)

Prepared: 11/03/2025 Analyzed: 11/05/2025

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 (PFTrDA)	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	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND	0.356	"								
Perfluoro-3,6-dioxahexanoic 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	"								



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 BK50049 - EPA 1633 Prep

Blank (BK50049-BLK1)

Prepared: 11/03/2025 Analyzed: 11/05/2025

N-EtFOSE	ND	2.00	ug/kg wet								
N-EtFOSA	ND	0.200	"								
Surrogate: M3PFBS	1.98		"	2.33		85.1	40-135				
Surrogate: M5PFHxA	2.19		"	2.50		87.6	40-130				
Surrogate: M4PFHpA	1.97		"	2.50		78.9	40-130				
Surrogate: M3PFHxS	1.66		"	2.37		70.0	40-130				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	1.74		"	2.50		69.8	40-130				
Surrogate: M6PFDA	0.749		"	1.25		59.9	40-130				
Surrogate: M7PFUdA	0.640		"	1.25		51.2	40-130				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	0.520		"	1.25		41.6	40-130				
Surrogate: M2PFTeDA	0.558		"	1.25		44.6	20-130				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	9.35		"	10.0		93.5	8-130				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	1.16		"	2.40		48.6	40-130				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	4.40		"	5.00		88.0	35-130				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	1.64		"	2.50		65.6	40-130				
Surrogate: d3-N-MeFOSAA	2.42		"	5.00		48.5	40-135				
Surrogate: d5-N-EtFOSAA	2.44		"	5.00		48.8	40-150				
Surrogate: M2-6:2 FTS	4.34		"	4.76		91.3	40-215				
Surrogate: M2-8:2 FTS	2.92		"	4.80		60.8	40-275				
Surrogate: M9PFNA	0.764		"	1.25		61.1	40-130				
Surrogate: M2-4:2 FTS	4.76		"	4.69		102	40-165				
Surrogate: d-N-MeFOSA	1.10		"	2.50		43.8	10-130				
Surrogate: d-N-EtFOSA	1.22		"	2.50		48.8	10-130				
Surrogate: M3HFPO-DA	10.4		"	10.0		104	40-130				
Surrogate: d9-N-EtFOSE	12.2		"	25.0		48.8	15-130				
Surrogate: d7-N-MeFOSE	14.0		"	25.0		56.0	20-130				

LCS (BK50049-BS1)

Prepared: 11/03/2025 Analyzed: 11/05/2025

Perfluorobutanesulfonic acid (PFBS)	3.40	0.177	ug/kg wet	3.54		95.9	65-145				
Perfluorohexanoic acid (PFHxA)	4.11	0.200	"	4.00		103	65-140				
Perfluoroheptanoic acid (PFHpA)	4.71	0.200	"	4.00		118	65-145				
Perfluorohexanesulfonic acid (PFHxS)	3.40	0.183	"	3.66		92.9	60-150				
Perfluorooctanoic acid (PFOA)	4.54	0.200	"	4.00		113	70-150				
Perfluorooctanesulfonic acid (PFOS)	3.59	0.186	"	3.72		96.6	65-160				
Perfluorononanoic acid (PFNA)	3.84	0.200	"	4.00		95.9	70-155				
Perfluorodecanoic acid (PFDA)	4.16	0.200	"	4.00		104	70-155				
Perfluoroundecanoic acid (PFUnA)	3.76	0.200	"	4.00		94.1	70-155				
Perfluorododecanoic acid (PFDoA)	4.54	0.200	"	4.00		114	70-150				
Perfluorotridecanoic acid (PFTTrDA)	4.55	0.200	"	4.00		114	65-150				
Perfluorotetradecanoic acid (PFTA)	4.54	0.200	"	4.00		113	65-150				
N-MeFOSAA	3.87	0.200	"	4.00		96.7	65-155				
N-EtFOSAA	4.22	0.500	"	4.00		106	65-165				
Perfluoropentanoic acid (PFPeA)	7.95	0.400	"	8.00		99.4	60-150				
Perfluoro-1-octanesulfonamide (FOSA)	3.85	0.200	"	4.00		96.2	70-140				
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.57	0.200	"	3.82		93.5	65-155				
Perfluoro-1-decanesulfonic acid (PFDS)	3.07	0.193	"	3.86		79.6	40-155				



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 BK50049 - EPA 1633 Prep											
LCS (BK50049-BS1)						Prepared: 11/03/2025 Analyzed: 11/05/2025					
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	14.9	0.760	ug/kg wet	15.2		98.2	55-200				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	15.1	0.768	"	15.4		98.0	70-150				
Perfluoro-n-butanoic acid (PFBA)	16.6	0.800	"	16.0		104	70-140				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	7.98	0.356	"	7.12		112	70-140				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	7.80	0.400	"	8.00		97.5	60-155				
Perfluoro-4-oxapentanoic acid (PFMPA)	7.85	0.400	"	8.00		98.1	30-140				
Perfluoro-5-oxahexanoic acid (PFMBA)	8.79	0.400	"	8.00		110	60-150				
Perfluoro-1-pentanesulfonate (PFPeS)	3.41	0.188	"	3.76		90.7	55-160				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	15.4	0.750	"	15.0		102	60-150				
HFPO-DA (Gen-X)	8.85	0.800	"	8.00		111	70-145				
11CL-PF3OUdS	6.09	0.756	"	7.56		80.6	45-160				
9CL-PF3ONS	6.41	0.748	"	7.48		85.7	70-150				
ADONA	7.80	0.756	"	7.56		103	70-160				
Perfluorododecanesulfonic acid (PFDoS)	2.70	0.194	"	3.88		69.6	25-160				
Perfluoro-1-nonanesulfonic acid (PFNS)	3.44	0.192	"	3.84		89.7	55-140				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	23.1	1.00	"	16.0		144	45-130	High Bias			
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	89.2	5.00	"	80.0		111	60-130				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	92.8	5.00	"	80.0		116	60-150				
N-MeFOSE	39.0	2.00	"	40.0		97.4	70-140				
N-MeFOSA	4.21	0.200	"	4.00		105	70-155				
N-EtFOSE	45.3	2.00	"	40.0		113	70-135				
N-EtFOSA	4.23	0.200	"	4.00		106	70-140				
Surrogate: M3PFBS	1.74		"	2.33		74.8	40-135				
Surrogate: M5PFHxA	1.84		"	2.50		73.6	40-130				
Surrogate: M4PFHpA	1.67		"	2.50		66.9	40-130				
Surrogate: M3PFHxS	1.73		"	2.37		73.2	40-130				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	1.65		"	2.50		65.9	40-130				
Surrogate: M6PFDA	0.837		"	1.25		67.0	40-130				
Surrogate: M7PFUdA	0.785		"	1.25		62.8	40-130				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	0.726		"	1.25		58.1	40-130				
Surrogate: M2PFTeDA	0.702		"	1.25		56.1	20-130				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	7.79		"	10.0		77.9	8-130				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	1.65		"	2.40		69.1	40-130				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	3.66		"	5.00		73.2	35-130				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	1.78		"	2.50		71.0	40-130				
Surrogate: d3-N-MeFOSAA	3.06		"	5.00		61.3	40-135				
Surrogate: d5-N-EtFOSAA	3.09		"	5.00		61.9	40-150				
Surrogate: M2-6:2 FTS	3.57		"	4.76		75.0	40-215				
Surrogate: M2-8:2 FTS	3.53		"	4.80		73.6	40-275				
Surrogate: M9PFNA	0.932		"	1.25		74.6	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 BK50049 - EPA 1633 Prep											
LCS (BK50049-BS1)						Prepared: 11/03/2025 Analyzed: 11/05/2025					
Surrogate: M2-4:2 FTS	3.51		ug/kg wet	4.69		74.8	40-165				
Surrogate: d-N-MeFOSA	1.45		"	2.50		58.2	10-130				
Surrogate: d-N-EtFOSA	1.47		"	2.50		58.6	10-130				
Surrogate: M3HFPO-DA	8.32		"	10.0		83.2	40-130				
Surrogate: d9-N-EtFOSE	15.5		"	25.0		62.0	15-130				
Surrogate: d7-N-MeFOSE	17.9		"	25.0		71.5	20-130				
LCS (BK50049-BS2)						Prepared: 11/03/2025 Analyzed: 11/05/2025					
Perfluorobutanesulfonic acid (PFBS)	0.324	0.177	ug/kg wet	0.354		91.5	65-145				
Perfluorohexanoic acid (PFHxA)	0.372	0.200	"	0.400		93.0	65-140				
Perfluoroheptanoic acid (PFHpA)	0.483	0.200	"	0.400		121	65-145				
Perfluorohexanesulfonic acid (PFHxS)	0.388	0.183	"	0.366		106	60-150				
Perfluorooctanoic acid (PFOA)	0.440	0.200	"	0.400		110	70-150				
Perfluorooctanesulfonic acid (PFOS)	0.316	0.186	"	0.372		85.0	65-160				
Perfluorononanoic acid (PFNA)	0.391	0.200	"	0.400		97.7	70-155				
Perfluorodecanoic acid (PFDA)	0.364	0.200	"	0.400		91.0	70-155				
Perfluoroundecanoic acid (PFUnA)	0.364	0.200	"	0.400		90.9	70-155				
Perfluorododecanoic acid (PFDoA)	0.473	0.200	"	0.400		118	70-150				
Perfluorotridecanoic acid (PFTriDA)	0.398	0.200	"	0.400		99.6	65-150				
Perfluorotetradecanoic acid (PFTA)	0.343	0.200	"	0.400		85.9	65-150				
N-MeFOSAA	0.373	0.200	"	0.400		93.3	65-155				
N-EtFOSAA	0.300	0.500	"	0.400		75.1	65-165				
Perfluoropentanoic acid (PFPeA)	0.765	0.400	"	0.800		95.6	60-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.316	0.200	"	0.400		79.0	70-140				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.368	0.200	"	0.382		96.3	65-155				
Perfluoro-1-decanesulfonic acid (PFDS)	0.296	0.193	"	0.386		76.7	40-155				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1.22	0.760	"	1.52		80.0	55-200				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1.57	0.768	"	1.54		102	70-150				
Perfluoro-n-butanoic acid (PFBA)	1.32	0.800	"	1.60		82.6	70-140				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	0.697	0.356	"	0.712		98.0	70-140				
Perfluoro-3,6-dioxahexanoic acid (NFDHA)	1.02	0.400	"	0.800		127	60-155				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.693	0.400	"	0.800		86.6	30-140				
Perfluoro-5-oxahexanoic acid (PFMBA)	0.786	0.400	"	0.800		98.2	60-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.384	0.188	"	0.376		102	55-160				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1.31	0.750	"	1.50		87.1	60-150				
HFPO-DA (Gen-X)	0.811	0.800	"	0.800		101	70-145				
11CL-PF3OUdS	0.644	0.756	"	0.756		85.2	45-160				
9CL-PF3ONS	0.615	0.748	"	0.748		82.2	70-150				
ADONA	0.691	0.756	"	0.756		91.4	70-160				
Perfluorododecanesulfonic acid (PFDoS)	0.267	0.194	"	0.388		68.7	25-160				
Perfluoro-1-nonanesulfonic acid (PFNS)	0.314	0.192	"	0.384		81.8	55-140				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	2.30	1.00	"	1.60		144	45-130	High Bias			
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	7.45	5.00	"	8.00		93.2	60-130				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	6.72	5.00	"	8.00		84.0	60-150				
N-MeFOSE	3.98	2.00	"	4.00		99.6	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 BK50049 - EPA 1633 Prep

LCS (BK50049-BS2)

Prepared: 11/03/2025 Analyzed: 11/05/2025

N-MeFOSA	0.401	0.200	ug/kg wet	0.400		100	70-155				
N-EtFOSE	4.08	2.00	"	4.00		102	70-135				
N-EtFOSA	0.330	0.200	"	0.400		82.6	70-140				
Surrogate: M3PFBS	1.50		"	2.33		64.2	40-135				
Surrogate: M5PFHxA	1.62		"	2.50		64.6	40-130				
Surrogate: M4PFHpA	1.39		"	2.50		55.5	40-130				
Surrogate: M3PFHxS	1.17		"	2.37		49.5	40-130				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	1.35		"	2.50		54.0	40-130				
Surrogate: M6PFDA	0.663		"	1.25		53.0	40-130				
Surrogate: M7PFUdA	0.612		"	1.25		49.0	40-130				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	0.477		"	1.25		38.2	40-130				
Surrogate: M2PFTeDA	0.555		"	1.25		44.4	20-130				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	7.91		"	10.0		79.1	8-130				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	1.24		"	2.40		51.9	40-130				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	3.36		"	5.00		67.1	35-130				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	1.40		"	2.50		55.9	40-130				
Surrogate: d3-N-MeFOSAA	2.53		"	5.00		50.7	40-135				
Surrogate: d5-N-EtFOSAA	2.61		"	5.00		52.2	40-150				
Surrogate: M2-6:2 FTS	3.11		"	4.76		65.3	40-215				
Surrogate: M2-8:2 FTS	2.59		"	4.80		53.9	40-275				
Surrogate: M9PFNA	0.734		"	1.25		58.7	40-130				
Surrogate: M2-4:2 FTS	3.36		"	4.69		71.7	40-165				
Surrogate: d-N-MeFOSA	1.21		"	2.50		48.5	10-130				
Surrogate: d-N-EtFOSA	1.19		"	2.50		47.8	10-130				
Surrogate: M3HFPO-DA	7.96		"	10.0		79.6	40-130				
Surrogate: d9-N-EtFOSE	13.9		"	25.0		55.5	15-130				
Surrogate: d7-N-MeFOSE	15.1		"	25.0		60.4	20-130				



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

York Analytical Laboratories, Inc.

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

Batch BK50264 - EPA 1633 Prep

Blank (BK50264-BLK1)

Prepared: 11/05/2025 Analyzed: 11/08/2025

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	0.500	"								
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	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.356	"								
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	2.39		"	2.33		103		40-135			
Surrogate: M5PFHxA	2.39		"	2.50		95.4		40-130			
Surrogate: M4PFHpA	2.10		"	2.50		83.8		40-130			
Surrogate: M3PFHxS	2.08		"	2.37		87.7		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 BK50264 - EPA 1633 Prep

Blank (BK50264-BLK1)

Prepared: 11/05/2025 Analyzed: 11/08/2025

Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.22		ug/kg wet	2.50		88.8	40-130				
Surrogate: M6PFDA	1.01		"	1.25		80.9	40-130				
Surrogate: M7PFUdA	0.935		"	1.25		74.8	40-130				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	0.836		"	1.25		66.9	40-130				
Surrogate: M2PFTeDA	0.686		"	1.25		54.9	20-130				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	9.98		"	10.0		99.8	8-130				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.05		"	2.40		85.5	40-130				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	4.66		"	5.00		93.1	35-130				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.40		"	2.50		96.1	40-130				
Surrogate: d3-N-MeFOSAA	3.49		"	5.00		69.8	40-135				
Surrogate: d5-N-EtFOSAA	3.03		"	5.00		60.6	40-150				
Surrogate: M2-6:2 FTS	5.32		"	4.76		112	40-215				
Surrogate: M2-8:2 FTS	4.39		"	4.80		91.5	40-275				
Surrogate: M9PFNA	1.22		"	1.25		97.3	40-130				
Surrogate: M2-4:2 FTS	5.40		"	4.69		115	40-165				
Surrogate: d-N-MeFOSA	1.43		"	2.50		57.3	10-130				
Surrogate: d-N-EtFOSA	1.46		"	2.50		58.4	10-130				
Surrogate: M3HFPO-DA	10.1		"	10.0		101	40-130				
Surrogate: d9-N-EtFOSE	14.6		"	25.0		58.3	15-130				
Surrogate: d7-N-MeFOSE	15.8		"	25.0		63.1	20-130				

LCS (BK50264-BS1)

Prepared: 11/05/2025 Analyzed: 11/08/2025

Perfluorobutanesulfonic acid (PFBS)	3.55	0.177	ug/kg wet	3.54		100	65-145				
Perfluorohexanoic acid (PFHxA)	3.96	0.200	"	4.00		98.9	65-140				
Perfluoroheptanoic acid (PFHpA)	4.39	0.200	"	4.00		110	65-145				
Perfluorohexanesulfonic acid (PFHxS)	3.16	0.183	"	3.66		86.2	60-150				
Perfluorooctanoic acid (PFOA)	4.47	0.200	"	4.00		112	70-150				
Perfluorooctanesulfonic acid (PFOS)	3.70	0.186	"	3.72		99.4	65-160				
Perfluorononanoic acid (PFNA)	4.39	0.200	"	4.00		110	70-155				
Perfluorodecanoic acid (PFDA)	4.28	0.200	"	4.00		107	70-155				
Perfluoroundecanoic acid (PFUnA)	4.41	0.200	"	4.00		110	70-155				
Perfluorododecanoic acid (PFDoA)	4.95	0.200	"	4.00		124	70-150				
Perfluorotridecanoic acid (PFTriDA)	4.92	0.200	"	4.00		123	65-150				
Perfluorotetradecanoic acid (PFTA)	4.60	0.200	"	4.00		115	65-150				
N-MeFOSAA	3.94	0.200	"	4.00		98.6	65-155				
N-EtFOSAA	3.44	0.500	"	4.00		86.0	65-165				
Perfluoropentanoic acid (PFPeA)	7.96	0.400	"	8.00		99.5	60-150				
Perfluoro-1-octanesulfonamide (FOSA)	4.04	0.200	"	4.00		101	70-140				
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.23	0.200	"	3.82		84.6	65-155				
Perfluoro-1-decanesulfonic acid (PFDS)	2.60	0.193	"	3.86		67.2	40-155				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	14.4	0.760	"	15.2		94.5	55-200				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	15.8	0.768	"	15.4		103	70-150				
Perfluoro-n-butanoic acid (PFBA)	16.5	0.800	"	16.0		103	70-140				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	7.53	0.356	"	7.12		106	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 BK50264 - EPA 1633 Prep											
LCS (BK50264-BS1)						Prepared: 11/05/2025 Analyzed: 11/08/2025					
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	7.59	0.400	ug/kg wet	8.00		94.9	60-155				
Perfluoro-4-oxapentanoic acid (PFMPA)	7.97	0.400	"	8.00		99.7	30-140				
Perfluoro-5-oxahexanoic acid (PFMBA)	8.73	0.400	"	8.00		109	60-150				
Perfluoro-1-pentanesulfonate (PFPeS)	3.44	0.188	"	3.76		91.4	55-160				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	14.5	0.750	"	15.0		96.5	60-150				
HFPO-DA (Gen-X)	9.82	0.800	"	8.00		123	70-145				
11CL-PF3OUdS	5.17	0.756	"	7.56		68.4	45-160				
9CL-PF3ONS	6.12	0.748	"	7.48		81.8	70-150				
ADONA	7.71	0.756	"	7.56		102	70-160				
Perfluorododecanesulfonic acid (PFDoS)	1.69	0.194	"	3.88		43.6	25-160				
Perfluoro-1-nonanesulfonic acid (PFNS)	3.24	0.192	"	3.84		84.3	55-140				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	23.3	1.00	"	16.0		145	45-130	High Bias			
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	83.2	5.00	"	80.0		104	60-130				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	83.6	5.00	"	80.0		104	60-150				
N-MeFOSE	40.5	2.00	"	40.0		101	70-140				
N-MeFOSA	3.85	0.200	"	4.00		96.3	70-155				
N-EtFOSE	38.0	2.00	"	40.0		95.0	70-135				
N-EtFOSA	4.47	0.200	"	4.00		112	70-140				
Surrogate: M3PFBS	2.17		"	2.33		93.3	40-135				
Surrogate: M5PFHxA	2.27		"	2.50		90.8	40-130				
Surrogate: M4PFHpA	2.21		"	2.50		88.6	40-130				
Surrogate: M3PFHxS	2.20		"	2.37		92.9	40-130				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.10		"	2.50		83.9	40-130				
Surrogate: M6PFDA	0.940		"	1.25		75.2	40-130				
Surrogate: M7PFUdA	0.797		"	1.25		63.8	40-130				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	0.646		"	1.25		51.6	40-130				
Surrogate: M2PFTeDA	0.563		"	1.25		45.0	20-130				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	9.34		"	10.0		93.4	8-130				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.01		"	2.40		83.7	40-130				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	4.44		"	5.00		88.8	35-130				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.11		"	2.50		84.4	40-130				
Surrogate: d3-N-MeFOSAA	3.21		"	5.00		64.1	40-135				
Surrogate: d5-N-EtFOSAA	3.02		"	5.00		60.5	40-150				
Surrogate: M2-6:2 FTS	4.78		"	4.76		100	40-215				
Surrogate: M2-8:2 FTS	4.20		"	4.80		87.6	40-275				
Surrogate: M9PFNA	1.02		"	1.25		81.8	40-130				
Surrogate: M2-4:2 FTS	4.85		"	4.69		103	40-165				
Surrogate: d-N-MeFOSA	1.64		"	2.50		65.6	10-130				
Surrogate: d-N-EtFOSA	1.42		"	2.50		56.8	10-130				
Surrogate: M3HFPO-DA	9.93		"	10.0		99.3	40-130				
Surrogate: d9-N-EtFOSE	15.4		"	25.0		61.6	15-130				
Surrogate: d7-N-MeFOSE	15.6		"	25.0		62.2	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 BK50264 - EPA 1633 Prep											
LCS (BK50264-BS2)						Prepared: 11/05/2025 Analyzed: 11/08/2025					
Perfluorobutanesulfonic acid (PFBS)	0.343	0.177	ug/kg wet	0.354		96.8	65-145				
Perfluorohexanoic acid (PFHxA)	0.385	0.200	"	0.400		96.1	65-140				
Perfluoroheptanoic acid (PFHpA)	0.397	0.200	"	0.400		99.4	65-145				
Perfluorohexanesulfonic acid (PFHxS)	0.336	0.183	"	0.366		91.8	60-150				
Perfluorooctanoic acid (PFOA)	0.429	0.200	"	0.400		107	70-150				
Perfluorooctanesulfonic acid (PFOS)	0.263	0.186	"	0.372		70.6	65-160				
Perfluorononanoic acid (PFNA)	0.412	0.200	"	0.400		103	70-155				
Perfluorodecanoic acid (PFDA)	0.426	0.200	"	0.400		106	70-155				
Perfluoroundecanoic acid (PFUnA)	0.390	0.200	"	0.400		97.6	70-155				
Perfluorododecanoic acid (PFDoA)	0.487	0.200	"	0.400		122	70-150				
Perfluorotridecanoic acid (PFTriDA)	0.442	0.200	"	0.400		110	65-150				
Perfluorotetradecanoic acid (PFTA)	0.411	0.200	"	0.400		103	65-150				
N-MeFOSAA	0.363	0.200	"	0.400		90.7	65-155				
N-EtFOSAA	0.484	0.500	"	0.400		121	65-165				
Perfluoropentanoic acid (PFPeA)	0.801	0.400	"	0.800		100	60-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.393	0.200	"	0.400		98.2	70-140				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.337	0.200	"	0.382		88.3	65-155				
Perfluoro-1-decanesulfonic acid (PFDS)	0.276	0.193	"	0.386		71.5	40-155				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1.45	0.760	"	1.52		95.5	55-200				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1.28	0.768	"	1.54		83.2	70-150				
Perfluoro-n-butanoic acid (PFBA)	1.64	0.800	"	1.60		103	70-140				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	0.761	0.356	"	0.712		107	70-140				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1.04	0.400	"	0.800		130	60-155				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.797	0.400	"	0.800		99.6	30-140				
Perfluoro-5-oxahexanoic acid (PFMBA)	0.835	0.400	"	0.800		104	60-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.415	0.188	"	0.376		110	55-160				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1.62	0.750	"	1.50		108	60-150				
HFPO-DA (Gen-X)	0.609	0.800	"	0.800		76.2	70-145				
11CL-PF3OUdS	0.564	0.756	"	0.756		74.6	45-160				
9CL-PF3ONS	0.730	0.748	"	0.748		97.6	70-150				
ADONA	0.734	0.756	"	0.756		97.1	70-160				
Perfluorododecanesulfonic acid (PFDoS)	0.215	0.194	"	0.388		55.5	25-160				
Perfluoro-1-nonanesulfonic acid (PFNS)	0.350	0.192	"	0.384		91.1	55-140				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	2.40	1.00	"	1.60		150	45-130	High Bias			
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	8.20	5.00	"	8.00		103	60-130				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	7.55	5.00	"	8.00		94.3	60-150				
N-MeFOSE	3.87	2.00	"	4.00		96.8	70-140				
N-MeFOSA	0.375	0.200	"	0.400		93.7	70-155				
N-EtFOSE	3.97	2.00	"	4.00		99.2	70-135				
N-EtFOSA	0.554	0.200	"	0.400		138	70-140				
Surrogate: M3PFBS	2.11		"	2.33		90.4	40-135				
Surrogate: M5PFHxA	2.16		"	2.50		86.4	40-130				
Surrogate: M4PFHpA	2.27		"	2.50		90.9	40-130				
Surrogate: M3PFHxS	1.95		"	2.37		82.3	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 BK50264 - EPA 1633 Prep

LCS (BK50264-BS2)

Prepared: 11/05/2025 Analyzed: 11/08/2025

Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.05		ug/kg wet	2.50		82.0	40-130				
Surrogate: M6PFDA	0.975		"	1.25		78.0	40-130				
Surrogate: M7PFUdA	0.828		"	1.25		66.2	40-130				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	0.630		"	1.25		50.4	40-130				
Surrogate: M2PFTeDA	0.626		"	1.25		50.1	20-130				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	8.55		"	10.0		85.5	8-130				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	1.91		"	2.40		79.7	40-130				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	4.17		"	5.00		83.3	35-130				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.14		"	2.50		85.7	40-130				
Surrogate: d3-N-MeFOSAA	3.05		"	5.00		61.1	40-135				
Surrogate: d5-N-EtFOSAA	2.76		"	5.00		55.1	40-150				
Surrogate: M2-6:2 FTS	4.76		"	4.76		100	40-215				
Surrogate: M2-8:2 FTS	4.30		"	4.80		89.6	40-275				
Surrogate: M9PFNA	1.13		"	1.25		90.3	40-130				
Surrogate: M2-4:2 FTS	4.73		"	4.69		101	40-165				
Surrogate: d-N-MeFOSA	1.60		"	2.50		64.0	10-130				
Surrogate: d-N-EtFOSA	1.22		"	2.50		48.8	10-130				
Surrogate: M3HFPO-DA	10.2		"	10.0		102	40-130				
Surrogate: d9-N-EtFOSE	14.2		"	25.0		56.6	15-130				
Surrogate: d7-N-MeFOSE	15.3		"	25.0		61.0	20-130				

Matrix Spike (BK50264-MS1)

*Source sample: 25J1560-12 (SB-14 2-12)

Prepared: 11/05/2025 Analyzed: 11/08/2025

Perfluorobutanesulfonic acid (PFBS)	4.33	0.204	ug/kg dry	4.09	ND	106	65-145				
Perfluorohexanoic acid (PFHxA)	4.84	0.231	"	4.62	ND	105	65-140				
Perfluoroheptanoic acid (PFHpA)	5.11	0.231	"	4.62	ND	111	65-145				
Perfluorohexanesulfonic acid (PFHxS)	4.17	0.211	"	4.23	ND	98.6	60-150				
Perfluorooctanoic acid (PFOA)	5.27	0.231	"	4.62	0.133	111	70-150				
Perfluorooctanesulfonic acid (PFOS)	5.36	0.215	"	4.30	0.436	115	65-160				
Perfluorononanoic acid (PFNA)	4.76	0.231	"	4.62	ND	103	70-155				
Perfluorodecanoic acid (PFDA)	4.91	0.231	"	4.62	ND	106	70-155				
Perfluoroundecanoic acid (PFUnA)	4.50	0.231	"	4.62	ND	97.5	70-155				
Perfluorododecanoic acid (PFDoA)	5.37	0.231	"	4.62	ND	116	70-150				
Perfluorotridecanoic acid (PFTriDA)	5.03	0.231	"	4.62	ND	109	65-150				
Perfluorotetradecanoic acid (PFTA)	4.97	0.231	"	4.62	ND	108	65-150				
N-MeFOSAA	4.81	0.231	"	4.62	ND	104	65-155				
N-EtFOSAA	4.57	0.577	"	4.62	ND	99.0	65-165				
Perfluoropentanoic acid (PFPeA)	9.07	0.462	"	9.24	ND	98.2	60-150				
Perfluoro-1-octanesulfonamide (FOSA)	4.46	0.231	"	4.62	ND	96.5	70-140				
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.78	0.231	"	4.41	ND	108	65-155				
Perfluoro-1-decanesulfonic acid (PFDS)	5.00	0.223	"	4.46	ND	112	40-155				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	17.1	0.878	"	17.6	ND	97.3	55-200				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	18.0	0.887	"	17.7	ND	102	70-150				
Perfluoro-n-butanoic acid (PFBA)	19.1	0.924	"	18.5	ND	104	70-140				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	9.28	0.411	"	8.22	ND	113	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 BK50264 - EPA 1633 Prep

Matrix Spike (BK50264-MS1)		*Source sample: 25J1560-12 (SB-14 2-12)					Prepared: 11/05/2025 Analyzed: 11/08/2025				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	12.2	0.462	ug/kg dry	9.24	ND	132	60-155				
Perfluoro-4-oxapentanoic acid (PFMPA)	8.89	0.462	"	9.24	ND	96.3	30-140				
Perfluoro-5-oxahexanoic acid (PFMBA)	9.98	0.462	"	9.24	ND	108	60-150				
Perfluoro-1-pentanesulfonate (PFPeS)	4.24	0.217	"	4.34	ND	97.6	55-160				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	17.6	0.866	"	17.3	ND	102	60-150				
HFPO-DA (Gen-X)	9.79	0.924	"	9.24	ND	106	70-145				
11CL-PF3OUdS	9.47	0.873	"	8.73	ND	108	45-160				
9CL-PF3ONS	8.72	0.864	"	8.64	ND	101	70-150				
ADONA	9.04	0.873	"	8.73	ND	104	70-160				
Perfluorododecanesulfonic acid (PFDoS)	3.99	0.224	"	4.48	ND	89.2	25-160				
Perfluoro-1-nonanesulfonic acid (PFNS)	4.92	0.222	"	4.43	ND	111	55-140				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	24.1	1.15	"	18.5	ND	131	45-130	High Bias			
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	91.6	5.77	"	92.4	ND	99.2	60-130				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	99.2	5.77	"	92.4	ND	107	60-150				
N-MeFOSE	45.7	2.31	"	46.2	ND	99.1	70-140				
N-MeFOSA	4.63	0.231	"	4.62	ND	100	70-155				
N-EtFOSE	47.0	2.31	"	46.2	ND	102	70-135				
N-EtFOSA	4.66	0.231	"	4.62	ND	101	70-140				
Surrogate: M3PFBS	2.18		"	2.69		81.2	40-135				
Surrogate: M5PFHxA	2.23		"	2.89		77.4	40-130				
Surrogate: M4PFHpA	2.23		"	2.89		77.4	40-130				
Surrogate: M3PFHxS	2.31		"	2.74		84.4	40-130				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.11		"	2.89		73.2	40-130				
Surrogate: M6PFDA	1.24		"	1.44		85.9	40-130				
Surrogate: M7PFUdA	1.28		"	1.44		88.6	40-130				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.17		"	1.44		80.9	40-130				
Surrogate: M2PFTeDA	1.31		"	1.44		90.7	20-130				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	9.43		"	11.5		81.6	8-130				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.15		"	2.77		77.8	40-130				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	4.43		"	5.77		76.8	35-130				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.61		"	2.89		90.3	40-130				
Surrogate: d3-N-MeFOSAA	4.26		"	5.77		73.8	40-135				
Surrogate: d5-N-EtFOSAA	4.38		"	5.77		75.8	40-150				
Surrogate: M2-6:2 FTS	4.79		"	5.49		87.3	40-215				
Surrogate: M2-8:2 FTS	4.44		"	5.54		80.2	40-275				
Surrogate: M9PFNA	1.26		"	1.44		87.1	40-130				
Surrogate: M2-4:2 FTS	4.71		"	5.42		87.0	40-165				
Surrogate: d-N-MeFOSA	2.16		"	2.89		74.8	10-130				
Surrogate: d-N-EtFOSA	2.08		"	2.89		72.2	10-130				
Surrogate: M3HFPO-DA	10.0		"	11.5		86.8	40-130				
Surrogate: d9-N-EtFOSE	24.3		"	28.9		84.1	15-130				
Surrogate: d7-N-MeFOSE	24.3		"	28.9		84.1	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	Limit	Flag
Batch BK50264 - EPA 1633 Prep											
Matrix Spike Dup (BK50264-MSD1)		*Source sample: 25J1560-12 (SB-14 2-12)					Prepared: 11/05/2025 Analyzed: 11/08/2025				
Perfluorobutanesulfonic acid (PFBS)	3.60	0.204	ug/kg dry	4.09	ND	88.0	65-145		18.4	35	
Perfluorohexanoic acid (PFHxA)	4.38	0.231	"	4.62	ND	94.9	65-140		9.95	35	
Perfluoroheptanoic acid (PFHpA)	4.10	0.231	"	4.62	ND	88.7	65-145		21.9	35	
Perfluorohexanesulfonic acid (PFHxS)	3.37	0.211	"	4.23	ND	79.7	60-150		21.2	35	
Perfluorooctanoic acid (PFOA)	4.57	0.231	"	4.62	0.133	96.0	70-150		14.2	35	
Perfluorooctanesulfonic acid (PFOS)	3.71	0.215	"	4.30	0.436	76.2	65-160		36.3	35	Non-dir.
Perfluorononanoic acid (PFNA)	4.72	0.231	"	4.62	ND	102	70-155		0.828	35	
Perfluorodecanoic acid (PFDA)	4.72	0.231	"	4.62	ND	102	70-155		3.94	35	
Perfluoroundecanoic acid (PFUnA)	4.40	0.231	"	4.62	ND	95.3	70-155		2.24	35	
Perfluorododecanoic acid (PFDoA)	4.72	0.231	"	4.62	ND	102	70-150		12.7	35	
Perfluorotridecanoic acid (PFTriDA)	4.01	0.231	"	4.62	ND	86.8	65-150		22.7	35	
Perfluorotetradecanoic acid (PFTA)	4.17	0.231	"	4.62	ND	90.4	65-150		17.3	35	
N-MeFOSAA	4.12	0.231	"	4.62	ND	89.1	65-155		15.6	35	
N-EtFOSAA	4.28	0.577	"	4.62	ND	92.6	65-165		6.73	35	
Perfluoropentanoic acid (PFPeA)	7.72	0.462	"	9.24	ND	83.5	60-150		16.2	35	
Perfluoro-1-octanesulfonamide (FOSA)	4.01	0.231	"	4.62	ND	86.7	70-140		10.6	35	
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.73	0.231	"	4.41	ND	84.5	65-155		24.8	35	
Perfluoro-1-decanesulfonic acid (PFDS)	3.14	0.223	"	4.46	ND	70.4	40-155		45.6	35	Non-dir.
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	14.5	0.878	"	17.6	ND	82.3	55-200		16.6	35	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	14.7	0.887	"	17.7	ND	82.7	70-150		20.5	35	
Perfluoro-n-butanoic acid (PFBA)	16.5	0.924	"	18.5	ND	89.2	70-140		14.8	35	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	8.08	0.411	"	8.22	ND	98.2	70-140		13.8	30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	8.24	0.462	"	9.24	ND	89.2	60-155		38.8	30	Non-dir.
Perfluoro-4-oxapentanoic acid (PFMPA)	7.91	0.462	"	9.24	ND	85.6	30-140		11.7	30	
Perfluoro-5-oxahexanoic acid (PFMBA)	8.77	0.462	"	9.24	ND	94.9	60-150		12.9	30	
Perfluoro-1-pentanesulfonate (PFPeS)	3.76	0.217	"	4.34	ND	86.6	55-160		12.0	30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	15.7	0.866	"	17.3	ND	90.8	60-150		11.4	30	
HFPO-DA (Gen-X)	8.80	0.924	"	9.24	ND	95.2	70-145		10.7	30	
11CL-PF3OUdS	8.19	0.873	"	8.73	ND	93.9	45-160		14.5	30	
9CL-PF3ONS	8.10	0.864	"	8.64	ND	93.8	70-150		7.40	30	
ADONA	8.55	0.873	"	8.73	ND	98.0	70-160		5.53	30	
Perfluorododecanesulfonic acid (PFDoS)	2.75	0.224	"	4.48	ND	61.3	25-160		37.0	30	Non-dir.
Perfluoro-1-nonanesulfonic acid (PFNS)	3.56	0.222	"	4.43	ND	80.3	55-140		32.1	30	Non-dir.
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	21.5	1.15	"	18.5	ND	117	45-130		11.3	30	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	79.8	5.77	"	92.4	ND	86.4	60-130		13.8	30	
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	87.7	5.77	"	92.4	ND	94.9	60-150		12.3	30	
N-MeFOSE	39.8	2.31	"	46.2	ND	86.2	70-140		13.8	30	
N-MeFOSA	4.68	0.231	"	4.62	ND	101	70-155		1.12	30	
N-EtFOSE	39.9	2.31	"	46.2	ND	86.5	70-135		16.1	30	
N-EtFOSA	3.88	0.231	"	4.62	ND	84.1	70-140		18.2	30	
Surrogate: M3PFBS	2.49		"	2.69		92.7	40-135				
Surrogate: M5PFHxA	2.48		"	2.89		86.0	40-130				
Surrogate: M4PFHpA	2.57		"	2.89		89.2	40-130				
Surrogate: M3PFHxS	2.51		"	2.74		91.8	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 BK50264 - EPA 1633 Prep

Matrix Spike Dup (BK50264-MSD1)		*Source sample: 25J1560-12 (SB-14 2-12)				Prepared: 11/05/2025 Analyzed: 11/08/2025					
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.38		ug/kg dry	2.89		82.5	40-130				
Surrogate: M6PFDA	1.15		"	1.44		79.6	40-130				
Surrogate: M7PFUdA	1.18		"	1.44		81.8	40-130				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.14		"	1.44		79.3	40-130				
Surrogate: M2PFTeDA	1.30		"	1.44		90.3	20-130				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	10.3		"	11.5		89.6	8-130				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.75		"	2.77		99.4	40-130				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	4.87		"	5.77		84.3	35-130				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.74		"	2.89		94.8	40-130				
Surrogate: d3-N-MeFOSAA	4.52		"	5.77		78.3	40-135				
Surrogate: d5-N-EtFOSAA	4.48		"	5.77		77.6	40-150				
Surrogate: M2-6:2 FTS	5.35		"	5.49		97.5	40-215				
Surrogate: M2-8:2 FTS	5.07		"	5.54		91.4	40-275				
Surrogate: M9PFNA	1.36		"	1.44		93.9	40-130				
Surrogate: M2-4:2 FTS	5.02		"	5.42		92.6	40-165				
Surrogate: d-N-MeFOSA	2.03		"	2.89		70.3	10-130				
Surrogate: d-N-EtFOSA	2.25		"	2.89		77.8	10-130				
Surrogate: M3HFPO-DA	10.6		"	11.5		91.8	40-130				
Surrogate: d9-N-EtFOSE	24.7		"	28.9		85.5	15-130				
Surrogate: d7-N-MeFOSE	25.3		"	28.9		87.7	20-130				



Organochlorine Pesticides by GC/ECD - 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 BJ51730 - EPA 3546 PPCB

Blank (BJ51730-BLK1)

Prepared & Analyzed: 10/27/2025

4,4'-DDD	ND	0.00164	mg/kg wet
4,4'-DDE	ND	0.00164	"
4,4'-DDT	ND	0.00164	"
Aldrin	ND	0.00164	"
alpha-BHC	ND	0.00164	"
beta-BHC	ND	0.00164	"
delta-BHC	ND	0.00164	"
Dieldrin	ND	0.00164	"
Endosulfan I	ND	0.00164	"
Endosulfan II	ND	0.00164	"
Endosulfan sulfate	ND	0.00164	"
Endrin	ND	0.00164	"
Endrin aldehyde	ND	0.00164	"
Endrin ketone	ND	0.00164	"
gamma-BHC (Lindane)	ND	0.00164	"
Heptachlor	ND	0.00164	"
Heptachlor epoxide	ND	0.00164	"
Methoxychlor	ND	0.00164	"
Toxaphene	ND	0.164	"
Chlordane, total	ND	0.0329	"

Surrogate: Decachlorobiphenyl

0.0646

"

0.0664

97.2

30-150

Surrogate: Tetrachloro-m-xylene

0.0422

"

0.0664

63.4

30-150

LCS (BJ51730-BS1)

Prepared & Analyzed: 10/27/2025

4,4'-DDD	0.0246	0.00164	mg/kg wet	0.0332	73.9	40-140
4,4'-DDE	0.0235	0.00164	"	0.0332	70.9	40-140
4,4'-DDT	0.0208	0.00164	"	0.0332	62.5	40-140
Aldrin	0.0241	0.00164	"	0.0332	72.5	40-140
alpha-BHC	0.0243	0.00164	"	0.0332	73.1	40-140
beta-BHC	0.0258	0.00164	"	0.0332	77.7	40-140
delta-BHC	0.0231	0.00164	"	0.0332	69.7	40-140
Dieldrin	0.0235	0.00164	"	0.0332	70.8	40-140
Endosulfan I	0.0244	0.00164	"	0.0332	73.5	40-140
Endosulfan II	0.0261	0.00164	"	0.0332	78.6	40-140
Endosulfan sulfate	0.0242	0.00164	"	0.0332	72.9	40-140
Endrin	0.0230	0.00164	"	0.0332	69.2	40-140
Endrin aldehyde	0.0225	0.00164	"	0.0332	67.8	40-140
Endrin ketone	0.0250	0.00164	"	0.0332	75.4	40-140
gamma-BHC (Lindane)	0.0240	0.00164	"	0.0332	72.3	40-140
Heptachlor	0.0233	0.00164	"	0.0332	70.2	40-140
Heptachlor epoxide	0.0243	0.00164	"	0.0332	73.1	40-140
Methoxychlor	0.0217	0.00164	"	0.0332	65.2	40-140

Surrogate: Decachlorobiphenyl

0.0580

"

0.0664

87.3

30-150

Surrogate: Tetrachloro-m-xylene

0.0367

"

0.0664

55.3

30-150



Organochlorine Pesticides by GC/ECD - 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 BJ51730 - EPA 3546 PPCB

Matrix Spike (BJ51730-MS1)		*Source sample: 25J1560-14 (SB-14 Comp)					Prepared & Analyzed: 10/27/2025				
4,4'-DDD	0.0127	0.00188	mg/kg dry	0.0380	ND	33.3	30-150	Low Bias			
4,4'-DDE	0.0119	0.00188	"	0.0380	ND	31.3	30-150				
4,4'-DDT	0.0113	0.00188	"	0.0380	ND	29.8	30-150				
Aldrin	0.0114	0.00188	"	0.0380	ND	30.0	30-150				
alpha-BHC	0.0115	0.00188	"	0.0380	ND	30.2	30-150	Low Bias			
beta-BHC	0.0130	0.00188	"	0.0380	ND	34.2	30-150				
delta-BHC	0.0111	0.00188	"	0.0380	ND	29.2	30-150				
Dieldrin	0.0116	0.00188	"	0.0380	ND	30.4	30-150				
Endosulfan I	0.0121	0.00188	"	0.0380	ND	31.9	30-150	Low Bias			
Endosulfan II	0.0129	0.00188	"	0.0380	ND	33.8	30-150				
Endosulfan sulfate	0.0120	0.00188	"	0.0380	ND	31.6	30-150				
Endrin	0.0115	0.00188	"	0.0380	ND	30.3	30-150				
Endrin aldehyde	0.00915	0.00188	"	0.0380	ND	24.0	30-150	Low Bias			
Endrin ketone	0.0121	0.00188	"	0.0380	ND	31.8	30-150				
gamma-BHC (Lindane)	0.0114	0.00188	"	0.0380	ND	30.0	30-150				
Heptachlor	0.0115	0.00188	"	0.0380	ND	30.2	30-150				
Heptachlor epoxide	0.0121	0.00188	"	0.0380	ND	31.7	30-150				
Methoxychlor	0.0118	0.00188	"	0.0380	ND	31.0	30-150				
Surrogate: Decachlorobiphenyl	0.0322		"	0.0761		42.3	30-150				
Surrogate: Tetrachloro-m-xylene	0.0278		"	0.0761		36.5	30-150				

Matrix Spike Dup (BJ51730-MSD1)		*Source sample: 25J1560-14 (SB-14 Comp)					Prepared & Analyzed: 10/27/2025				
4,4'-DDD	0.0284	0.00188	mg/kg dry	0.0380	ND	74.6	30-150	76.5	30	Non-dir.	
4,4'-DDE	0.0265	0.00188	"	0.0380	ND	69.6	30-150	76.0	30	Non-dir.	
4,4'-DDT	0.0243	0.00188	"	0.0380	ND	64.0	30-150	72.9	30	Non-dir.	
Aldrin	0.0268	0.00188	"	0.0380	ND	70.4	30-150	80.6	30	Non-dir.	
alpha-BHC	0.0277	0.00188	"	0.0380	ND	72.8	30-150	82.6	30	Non-dir.	
beta-BHC	0.0301	0.00188	"	0.0380	ND	79.2	30-150	79.5	30	Non-dir.	
delta-BHC	0.0275	0.00188	"	0.0380	ND	72.3	30-150	84.9	30	Non-dir.	
Dieldrin	0.0266	0.00188	"	0.0380	ND	69.9	30-150	78.6	30	Non-dir.	
Endosulfan I	0.0276	0.00188	"	0.0380	ND	72.4	30-150	77.7	30	Non-dir.	
Endosulfan II	0.0288	0.00188	"	0.0380	ND	75.7	30-150	76.5	30	Non-dir.	
Endosulfan sulfate	0.0273	0.00188	"	0.0380	ND	71.7	30-150	77.7	30	Non-dir.	
Endrin	0.0261	0.00188	"	0.0380	ND	68.7	30-150	77.6	30	Non-dir.	
Endrin aldehyde	0.0257	0.00188	"	0.0380	ND	67.4	30-150	94.9	30	Non-dir.	
Endrin ketone	0.0283	0.00188	"	0.0380	ND	74.5	30-150	80.4	30	Non-dir.	
gamma-BHC (Lindane)	0.0273	0.00188	"	0.0380	ND	71.7	30-150	82.0	30	Non-dir.	
Heptachlor	0.0282	0.00188	"	0.0380	ND	74.1	30-150	84.1	30	Non-dir.	
Heptachlor epoxide	0.0275	0.00188	"	0.0380	ND	72.4	30-150	78.2	30	Non-dir.	
Methoxychlor	0.0260	0.00188	"	0.0380	ND	68.3	30-150	75.0	30	Non-dir.	
Surrogate: Decachlorobiphenyl	0.0696		"	0.0761		91.5	30-150				
Surrogate: Tetrachloro-m-xylene	0.0427		"	0.0761		56.1	30-150				



Organochlorine Pesticides by GC/ECD - 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 BJ51815 - EPA SW846-3510C Low Level

Blank (BJ51815-BLK1)

Prepared & Analyzed: 10/28/2025

4,4'-DDD	ND	0.00400	ug/L								
4,4'-DDE	ND	0.00400	"								
4,4'-DDT	ND	0.00400	"								
Aldrin	ND	0.00400	"								
alpha-BHC	ND	0.00400	"								
alpha-Chlordane	ND	0.00400	"								
beta-BHC	ND	0.00400	"								
delta-BHC	ND	0.00400	"								
Dieldrin	ND	0.00200	"								
Endosulfan I	ND	0.00400	"								
Endosulfan II	ND	0.00400	"								
Endosulfan sulfate	ND	0.00400	"								
Endrin	ND	0.00400	"								
Endrin aldehyde	ND	0.0100	"								
Endrin ketone	ND	0.0100	"								
gamma-BHC (Lindane)	ND	0.00400	"								
gamma-Chlordane	ND	0.0100	"								
Heptachlor	ND	0.00400	"								
Heptachlor epoxide	ND	0.00400	"								
Methoxychlor	ND	0.00400	"								
Toxaphene	ND	0.100	"								
Chlordane, total	ND	0.200	"								
Surrogate: Decachlorobiphenyl	0.146		"	0.200		72.9	30-150				
Surrogate: Tetrachloro-m-xylene	0.112		"	0.200		56.0	30-150				

LCS (BJ51815-BS1)

Prepared & Analyzed: 10/28/2025

4,4'-DDD	0.0727	0.00400	ug/L	0.100		72.7	40-140				
4,4'-DDE	0.0631	0.00400	"	0.100		63.1	40-140				
4,4'-DDT	0.0751	0.00400	"	0.100		75.1	40-140				
Aldrin	0.0434	0.00400	"	0.100		43.4	40-140				
alpha-BHC	0.0609	0.00400	"	0.100		60.9	40-140				
alpha-Chlordane	0.0566	0.00400	"	0.100		56.6	40-140				
beta-BHC	0.0681	0.00400	"	0.100		68.1	40-140				
delta-BHC	0.0566	0.00400	"	0.100		56.6	40-140				
Dieldrin	0.0636	0.00200	"	0.100		63.6	40-140				
Endosulfan I	0.0620	0.00400	"	0.100		62.0	40-140				
Endosulfan II	0.0776	0.00400	"	0.100		77.6	40-140				
Endosulfan sulfate	0.0755	0.00400	"	0.100		75.5	40-140				
Endrin	0.0694	0.00400	"	0.100		69.4	40-140				
Endrin aldehyde	0.0721	0.0100	"	0.100		72.1	40-140				
Endrin ketone	0.0832	0.0100	"	0.100		83.2	40-140				
gamma-BHC (Lindane)	0.0622	0.00400	"	0.100		62.2	40-140				
gamma-Chlordane	0.0573	0.0100	"	0.100		57.3	40-140				
Heptachlor	0.0530	0.00400	"	0.100		53.0	40-140				
Heptachlor epoxide	0.0621	0.00400	"	0.100		62.1	40-140				
Methoxychlor	0.0946	0.00400	"	0.100		94.6	40-140				
Surrogate: Decachlorobiphenyl	0.137		"	0.200		68.3	30-150				
Surrogate: Tetrachloro-m-xylene	0.114		"	0.200		57.1	30-150				



Polychlorinated Biphenyls by GC/ECD - 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 BJ51726 - EPA 3546 PPCB											
Blank (BJ51726-BLK2)						Prepared: 10/27/2025 Analyzed: 10/28/2025					
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	0.0449		"	0.0664		67.5	30-120				
Surrogate: Decachlorobiphenyl	0.0635		"	0.0664		95.5	30-120				
LCS (BJ51726-BS2)						Prepared: 10/27/2025 Analyzed: 10/28/2025					
Aroclor 1016	0.307	0.0166	mg/kg wet	0.332		92.4	40-130				
Aroclor 1260	0.389	0.0166	"	0.332		117	40-130				
Surrogate: Tetrachloro-m-xylene	0.0445		"	0.0664		67.0	30-120				
Surrogate: Decachlorobiphenyl	0.0618		"	0.0664		93.0	30-120				
Matrix Spike (BJ51726-MS2)						*Source sample: 25J1560-14 (SB-14 Comp) Prepared & Analyzed: 10/27/2025					
Aroclor 1016	0.318	0.0190	mg/kg dry	0.380	ND	83.7	40-140				
Aroclor 1260	0.331	0.0190	"	0.380	ND	87.0	40-140				
Surrogate: Tetrachloro-m-xylene	0.0483		"	0.0761		63.5	30-120				
Surrogate: Decachlorobiphenyl	0.0673		"	0.0761		88.5	30-120				
Matrix Spike Dup (BJ51726-MSD2)						*Source sample: 25J1560-14 (SB-14 Comp) Prepared & Analyzed: 10/27/2025					
Aroclor 1016	0.332	0.0190	mg/kg dry	0.380	ND	87.3	40-140		4.24	50	
Aroclor 1260	0.336	0.0190	"	0.380	ND	88.3	40-140		1.46	50	
Surrogate: Tetrachloro-m-xylene	0.0533		"	0.0761		70.0	30-120				
Surrogate: Decachlorobiphenyl	0.0719		"	0.0761		94.5	30-120				



Polychlorinated Biphenyls by GC/ECD - 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 BJ51811 - EPA SW846-3510C Low Level											
Blank (BJ51811-BLK1)						Prepared & Analyzed: 10/28/2025					
Aroclor 1016	ND	0.0500	ug/L								
Aroclor 1221	ND	0.0500	"								
Aroclor 1232	ND	0.0500	"								
Aroclor 1242	ND	0.0500	"								
Aroclor 1248	ND	0.0500	"								
Aroclor 1254	ND	0.0500	"								
Aroclor 1260	ND	0.0500	"								
Total PCBs	ND	0.0500	"								
Surrogate: Tetrachloro-m-xylene	0.0900		"	0.200		45.0	30-120				
Surrogate: Decachlorobiphenyl	0.158		"	0.200		79.0	30-120				
LCS (BJ51811-BS2)						Prepared & Analyzed: 10/28/2025					
Aroclor 1016	0.726	0.0500	ug/L	1.00		72.6	40-120				
Aroclor 1260	0.726	0.0500	"	1.00		72.6	40-120				
Surrogate: Tetrachloro-m-xylene	0.0840		"	0.200		42.0	30-120				
Surrogate: Decachlorobiphenyl	0.112		"	0.200		56.0	30-120				
LCS Dup (BJ51811-BSD2)						Prepared: 10/28/2025 Analyzed: 10/29/2025					
Aroclor 1016	0.637	0.0500	ug/L	1.00		63.7	40-120		13.1	30	
Aroclor 1260	0.678	0.0500	"	1.00		67.8	40-120		6.81	30	
Surrogate: Tetrachloro-m-xylene	0.0770		"	0.200		38.5	30-120				
Surrogate: Decachlorobiphenyl	0.121		"	0.200		60.5	30-120				



Chlorinated Herbicides by GC/ECD - 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 BJ51684 - EPA 8151A

Blank (BJ51684-BLK1)

Prepared: 10/26/2025 Analyzed: 10/27/2025

2,4,5-T	ND	5.00	ug/L								
2,4,5-TP (Silvex)	ND	5.00	"								
2,4-D	ND	5.00	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	138		"	125		111	30-150				

LCS (BJ51684-BS1)

Prepared: 10/26/2025 Analyzed: 10/27/2025

2,4,5-T	26.2	5.00	ug/L	20.0		131	10-140				
2,4,5-TP (Silvex)	25.0	5.00	"	20.0		125	10-139				
2,4-D	22.5	5.00	"	20.0		112	10-140				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	135		"	125		108	30-150				

LCS Dup (BJ51684-BSD1)

Prepared: 10/26/2025 Analyzed: 10/27/2025

2,4,5-T	26.0	5.00	ug/L	20.0		130	10-140	0.957	30		
2,4,5-TP (Silvex)	26.2	5.00	"	20.0		131	10-139	4.88	30		
2,4-D	25.2	5.00	"	20.0		126	10-140	11.5	30		
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	133		"	125		106	30-150				

Batch BJ51722 - EPA 3550C/8151A

Blank (BJ51722-BLK1)

Prepared: 10/27/2025 Analyzed: 10/28/2025

2,4,5-T	ND	19.9	ug/kg wet								
2,4,5-TP (Silvex)	ND	19.9	"								
2,4-D	ND	19.9	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	241		"	415		58.0	21-150				

LCS (BJ51722-BS1)

Prepared: 10/27/2025 Analyzed: 10/28/2025

2,4,5-T	51.5	19.9	ug/kg wet	66.4		77.5	10-120				
2,4,5-TP (Silvex)	52.3	19.9	"	66.4		78.8	10-120				
2,4-D	48.2	19.9	"	66.4		72.5	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	310		"	415		74.6	21-150				



Chlorinated Herbicides by GC/ECD - 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 BJ51823 - EPA 3550C/8151A											
Blank (BJ51823-BLK1)						Prepared: 10/28/2025 Analyzed: 10/29/2025					
2,4,5-T	ND	19.9	ug/kg wet								
2,4,5-TP (Silvex)	ND	19.9	"								
2,4-D	ND	19.9	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	339		"	415		81.6	21-150				
LCS (BJ51823-BS1)						Prepared: 10/28/2025 Analyzed: 10/29/2025					
2,4,5-T	62.3	19.9	ug/kg wet	66.4		93.8	10-120				
2,4,5-TP (Silvex)	60.6	19.9	"	66.4		91.2	10-120				
2,4-D	55.6	19.9	"	66.4		83.8	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	377		"	415		90.8	21-150				
Matrix Spike (BJ51823-MS1)						*Source sample: 25J1560-14 (SB-14 Comp) Prepared: 10/28/2025 Analyzed: 10/29/2025					
2,4,5-T	91.3	22.8	ug/kg dry	76.1	ND	120	10-120				
2,4,5-TP (Silvex)	82.8	22.8	"	76.1	ND	109	10-120				
2,4-D	66.6	22.8	"	76.1	ND	87.5	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	442		"	476		93.0	21-150				
Matrix Spike Dup (BJ51823-MSD1)						*Source sample: 25J1560-14 (SB-14 Comp) Prepared: 10/28/2025 Analyzed: 10/29/2025					
2,4,5-T	71.3	22.8	ug/kg dry	76.1	ND	93.8	10-120		24.6	35	
2,4,5-TP (Silvex)	78.9	22.8	"	76.1	ND	104	10-120		4.71	35	
2,4-D	82.8	22.8	"	76.1	ND	109	10-118		21.7	35	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	423		"	476		89.0	21-150				



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

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

Batch BJ51702 - EPA 3015A

Blank (BJ51702-BLK1)

Prepared & Analyzed: 10/27/2025

Aluminum	ND	0.556	mg/L
Antimony	ND	0.028	"
Arsenic	ND	0.017	"
Barium	ND	0.028	"
Beryllium	ND	0.0006	"
Cadmium	ND	0.003	"
Calcium	ND	0.556	"
Chromium	ND	0.006	"
Cobalt	ND	0.004	"
Copper	ND	0.022	"
Iron	ND	0.278	"
Lead	ND	0.007	"
Magnesium	ND	0.067	"
Manganese	ND	0.006	"
Nickel	ND	0.011	"
Potassium	ND	1.11	"
Selenium	ND	0.028	"
Silver	ND	0.007	"
Sodium	ND	1.11	"
Thallium	ND	0.028	"
Vanadium	ND	0.011	"
Zinc	ND	0.028	"

LCS (BJ51702-BS1)

Prepared & Analyzed: 10/27/2025

Aluminum	2.11	ug/mL	2.00	106	80-120
Antimony	0.279	"	0.250	111	80-120
Arsenic	2.01	"	2.00	101	80-120
Barium	2.22	"	2.00	111	80-120
Beryllium	0.053	"	0.0500	107	80-120
Cadmium	0.052	"	0.0500	103	80-120
Calcium	1.20	"	1.00	120	80-120
Chromium	0.219	"	0.200	110	80-120
Cobalt	0.555	"	0.500	111	80-120
Copper	0.273	"	0.250	109	80-120
Iron	1.05	"	1.00	105	80-120
Lead	0.523	"	0.500	105	80-120
Magnesium	1.11	"	1.00	111	80-120
Manganese	0.549	"	0.500	110	80-120
Nickel	0.559	"	0.500	112	80-120
Potassium	1.11	"	1.00	111	80-120
Selenium	1.94	"	2.00	97.1	80-120
Silver	0.054	"	0.0500	107	80-120
Sodium	1.26	"	1.00	126	80-120
Thallium	2.11	"	2.00	106	80-120
Vanadium	0.536	"	0.500	107	80-120
Zinc	0.532	"	0.500	106	80-120

High Bias



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

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

Batch BJ51764 - EPA 3050B

Blank (BJ51764-BLK1)

Prepared: 10/27/2025 Analyzed: 10/28/2025

Aluminum	ND	4.17	mg/kg wet
Antimony	ND	2.08	"
Arsenic	ND	1.25	"
Barium	ND	2.08	"
Beryllium	ND	0.042	"
Cadmium	ND	0.250	"
Calcium	ND	4.17	"
Chromium	ND	0.417	"
Cobalt	ND	0.333	"
Copper	ND	1.67	"
Iron	ND	20.8	"
Lead	ND	0.417	"
Magnesium	ND	4.17	"
Manganese	ND	0.417	"
Nickel	ND	0.830	"
Potassium	ND	4.17	"
Selenium	ND	2.08	"
Silver	ND	0.420	"
Sodium	ND	41.7	"
Thallium	ND	1.67	"
Vanadium	ND	0.830	"
Zinc	ND	2.08	"

Reference (BJ51764-SRM1)

Prepared: 10/27/2025 Analyzed: 10/28/2025

Aluminum	7060	4.17	mg/kg wet	6840	103	53.2-146.2
Antimony	75.4	2.08	"	131	57.5	4.5-195.4
Arsenic	187	1.25	"	192	97.3	81.3-118.8
Barium	223	2.08	"	219	102	81.7-118.3
Beryllium	151	0.042	"	146	103	82.2-117.8
Cadmium	111	0.250	"	114	97.1	81.7-118.4
Calcium	3930	4.17	"	4080	96.2	82.4-117.6
Chromium	153	0.417	"	153	99.7	81-119
Cobalt	236	0.333	"	231	102	83.1-117.3
Copper	94.8	1.67	"	91.2	104	83.1-117.3
Iron	6610	20.8	"	7020	94.1	60.7-139.2
Lead	136	0.417	"	141	96.2	81.6-118.4
Magnesium	1900	4.17	"	1900	99.9	76.3-123.7
Manganese	434	0.417	"	401	108	80.8-119
Nickel	150	0.830	"	143	105	81.8-118.9
Potassium	1800	4.17	"	1760	103	72.2-127.8
Selenium	92.0	2.08	"	94.7	97.2	78.5-121.4
Silver	68.2	0.420	"	77.0	88.5	79.4-120.6
Sodium	656	41.7	"	661	99.3	73.7-126.2
Thallium	181	1.67	"	183	99.0	80.3-119.7
Vanadium	155	0.830	"	159	97.5	78.6-122
Zinc	284	2.08	"	292	97.2	79.4-120.2



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

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

Batch BJ51813 - EPA 3050B

Blank (BJ51813-BLK1)

Prepared & Analyzed: 10/28/2025

Aluminum	ND	4.17	mg/kg wet
Antimony	ND	2.08	"
Arsenic	ND	1.25	"
Barium	ND	2.08	"
Beryllium	ND	0.042	"
Cadmium	ND	0.250	"
Calcium	ND	4.17	"
Chromium	ND	0.417	"
Cobalt	ND	0.333	"
Copper	ND	1.67	"
Iron	ND	20.8	"
Lead	ND	0.417	"
Magnesium	ND	4.17	"
Manganese	ND	0.417	"
Nickel	ND	0.830	"
Potassium	ND	4.17	"
Selenium	ND	2.08	"
Silver	ND	0.420	"
Sodium	ND	41.7	"
Thallium	ND	1.67	"
Vanadium	ND	0.830	"
Zinc	ND	2.08	"

Duplicate (BJ51813-DUP1)

*Source sample: 25J1560-14 (SB-14 Comp)

Prepared & Analyzed: 10/28/2025

Aluminum	12700	4.77	mg/kg dry	13400	5.57	35
Antimony	ND	2.39	"	ND		35
Arsenic	1.69	1.43	"	1.82	7.61	35
Barium	129	2.38	"	134	3.73	35
Beryllium	ND	0.048	"	ND		35
Cadmium	ND	0.286	"	ND		35
Calcium	6750	4.77	"	7390	9.02	35
Chromium	33.4	0.478	"	37.0	10.1	35
Cobalt	10.3	0.381	"	10.5	2.02	35
Copper	25.6	1.91	"	28.5	10.6	35
Iron	20700	23.9	"	22300	7.33	35
Lead	3.91	0.478	"	4.03	2.88	35
Magnesium	7060	4.78	"	7790	9.86	35
Manganese	409	0.478	"	393	4.05	35
Nickel	22.3	0.951	"	24.2	8.41	35
Potassium	4080	4.78	"	4150	1.84	35
Selenium	ND	2.39	"	ND		35
Silver	ND	0.481	"	ND		35
Sodium	364	47.7	"	376	3.23	35
Thallium	ND	1.91	"	ND		35
Vanadium	40.2	0.951	"	43.2	7.00	35
Zinc	52.9	2.38	"	55.8	5.50	35



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

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

Batch BJ51813 - EPA 3050B

Matrix Spike (BJ51813-MS1)		*Source sample: 25J1560-14 (SB-14 Comp)					Prepared & Analyzed: 10/28/2025				
Aluminum	10800	4.77	mg/kg dry	191	13400	NR	75-125	Low Bias			
Antimony	10.0	2.39	"	23.9	ND	42.0	75-125	Low Bias			
Arsenic	209	1.43	"	191	1.82	109	75-125				
Barium	318	2.38	"	191	134	96.3	75-125				
Beryllium	5.19	0.048	"	4.77	ND	109	75-125				
Cadmium	5.12	0.286	"	4.77	ND	107	75-125				
Calcium	6580	4.77	"	95.4	7390	NR	75-125	Low Bias			
Chromium	50.3	0.478	"	19.1	37.0	69.4	75-125	Low Bias			
Cobalt	60.6	0.381	"	47.7	10.5	105	75-125				
Copper	52.6	1.91	"	23.9	28.5	101	75-125				
Iron	16900	23.9	"	95.4	22300	NR	75-125	Low Bias			
Lead	54.5	0.478	"	47.7	4.03	106	75-125				
Magnesium	6470	4.78	"	95.4	7790	NR	75-125	Low Bias			
Manganese	460	0.478	"	47.7	393	141	75-125	High Bias			
Nickel	71.4	0.951	"	47.7	24.2	98.8	75-125				
Potassium	3490	4.78	"	95.4	4150	NR	75-125	Low Bias			
Selenium	196	2.39	"	191	ND	103	75-125				
Silver	5.59	0.481	"	4.77	ND	117	75-125				
Sodium	432	47.7	"	95.4	376	59.1	75-125	Low Bias			
Thallium	205	1.91	"	191	ND	108	75-125				
Vanadium	86.7	0.951	"	47.7	43.2	91.2	75-125				
Zinc	91.4	2.38	"	47.7	55.8	74.6	75-125	Low Bias			

Post Spike (BJ51813-PS1)		*Source sample: 25J1560-14 (SB-14 Comp)					Prepared & Analyzed: 10/28/2025				
Aluminum	139		ug/mL	2.00	140	NR	75-125	Low Bias			
Antimony	0.255		"	0.250	-0.011	102	75-125				
Arsenic	2.15		"	2.00	0.019	106	75-125				
Barium	3.48		"	2.00	1.41	104	75-125				
Beryllium	0.051		"	0.0500	-0.004	102	75-125				
Cadmium	0.053		"	0.0500	0.002	101	75-125				
Calcium	76.6		"	1.00	77.4	NR	75-125	Low Bias			
Chromium	0.593		"	0.200	0.388	103	75-125				
Cobalt	0.629		"	0.500	0.110	104	75-125				
Copper	0.583		"	0.250	0.298	114	75-125				
Iron	231		"	1.00	234	NR	75-125	Low Bias			
Lead	0.564		"	0.500	0.042	104	75-125				
Magnesium	80.7		"	1.00	81.6	NR	75-125	Low Bias			
Manganese	4.58		"	0.500	4.12	91.8	75-125				
Nickel	0.781		"	0.500	0.254	105	75-125				
Potassium	43.7		"	1.00	43.5	17.2	75-125	Low Bias			
Selenium	1.99		"	2.00	-0.010	99.7	75-125				
Silver	0.055		"	0.0500	0.002	107	75-125				
Sodium	4.87		"	1.00	3.94	93.6	75-125				
Thallium	2.10		"	2.00	-0.015	105	75-125				
Vanadium	0.980		"	0.500	0.452	106	75-125				
Zinc	1.08		"	0.500	0.585	98.0	75-125				



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

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

Batch BJ51813 - EPA 3050B

Reference (BJ51813-SRM1)

Prepared: 10/28/2025 Analyzed: 10/29/2025

Aluminum	7070	4.17	mg/kg wet	6840		103	53.2-146.2				
Antimony	69.4	2.08	"	131		53.0	4.5-195.4				
Arsenic	182	1.25	"	192		95.0	81.3-118.8				
Barium	210	2.08	"	219		96.0	81.7-118.3				
Beryllium	143	0.042	"	146		97.9	82.2-117.8				
Cadmium	103	0.250	"	114		90.4	81.7-118.4				
Calcium	3820	4.17	"	4080		93.7	82.4-117.6				
Chromium	146	0.417	"	153		95.3	81-119				
Cobalt	228	0.333	"	231		98.6	83.1-117.3				
Copper	92.6	1.67	"	91.2		101	83.1-117.3				
Iron	6310	20.8	"	7020		90.0	60.7-139.2				
Lead	129	0.417	"	141		91.6	81.6-118.4				
Magnesium	1850	4.17	"	1900		97.5	76.3-123.7				
Manganese	379	0.417	"	401		94.5	80.8-119				
Nickel	143	0.830	"	143		100	81.8-118.9				
Potassium	1720	4.17	"	1760		97.5	72.2-127.8				
Selenium	90.1	2.08	"	94.7		95.1	78.5-121.4				
Silver	74.4	0.420	"	77.0		96.6	79.4-120.6				
Sodium	653	41.7	"	661		98.8	73.7-126.2				
Thallium	167	1.67	"	183		91.4	80.3-119.7				
Vanadium	148	0.830	"	159		93.0	78.6-122				
Zinc	277	2.08	"	292		94.8	79.4-120.2				



Mercury by EPA 7000/200 Series Methods - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ51820 - EPA 7473 soil											
Blank (BJ51820-BLK1)											
								Prepared & Analyzed: 10/28/2025			
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BJ51820-DUP1)											
*Source sample: 25J1560-14 (SB-14 Comp)								Prepared & Analyzed: 10/28/2025			
Mercury	ND	0.0344	mg/kg dry		ND					35	
Matrix Spike (BJ51820-MS1)											
*Source sample: 25J1560-14 (SB-14 Comp)								Prepared & Analyzed: 10/28/2025			
Mercury	0.851		mg/kg	1.00	0.00	85.1	75-125				
Reference (BJ51820-SRM1)											
								Prepared & Analyzed: 10/28/2025			
Mercury	19.516		mg/kg	24.0		81.3	55.8-109.6				
Batch BJ51894 - EPA SW846-7470A											
Blank (BJ51894-BLK1)											
								Prepared & Analyzed: 10/29/2025			
Mercury	ND	0.0002	mg/L								
Blank (BJ51894-BLK2)											
								Prepared & Analyzed: 10/29/2025			
Mercury	ND	0.0002	mg/L								
LCS (BJ51894-BS1)											
								Prepared & Analyzed: 10/29/2025			
Mercury	0.0019456	0.0002	mg/L	0.00200		97.3	80-120				
LCS (BJ51894-BS2)											
								Prepared & Analyzed: 10/29/2025			
Mercury	0.0018922	0.0002	mg/L	0.00200		94.6	80-120				



Miscellaneous Physical Parameters - 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 BJ51719 - % Solids Prep

Duplicate (BJ51719-DUP1)		*Source sample: 25J1560-14 (SB-14 Comp)				Prepared & Analyzed: 10/27/2025					
% Solids	86.5	0.100	%		87.3				0.935	20	

Batch BJ51784 - % Solids Prep

Duplicate (BJ51784-DUP1)		*Source sample: 25J1560-30 (SB-10 0-2)				Prepared & Analyzed: 10/27/2025					
% Solids	78.0	0.100	%		77.9				0.151	20	

Batch BJ51786 - % Solids Prep

Duplicate (BJ51786-DUP1)		*Source sample: 25J1560-38 (SB-13 12-24)				Prepared & Analyzed: 10/27/2025					
% Solids	88.8	0.100	%		89.9				1.20	20	

Batch BJ51791 - % Solids Prep

Duplicate (BJ51791-DUP1)		*Source sample: 25J1560-04 (DUPE PFAS)				Prepared: 10/27/2025 Analyzed: 10/28/2025					
% Solids	86.5	0.100	%		88.7				2.44	20	



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
25J1560-21	RINSATE COMP	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
25J1560-39	TB	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C



Sample and Data Qualifiers Relating to This Work Order

S-GC	Two surrogates are used for this analysis. One surrogate recovered within control limits therefore the analysis is acceptable.
S-08	The recovery of this surrogate was outside of QC limits.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
PFSu-L	The isotopically labeled surrogate recovered below lab control limits due to a matrix effect. Isotope Dilution was applied.
PF-LCS-H	The LCS recovery for this PFAS compound was above control limits.
PF-CCV-L	The CCV recovery for this PFAS compound was below control limits.
PF-CCV-H	The CCV recovery for this PFAS compound was above control limits.
M-BS	The recovery for this element in the batch blank spike recovered slightly outside of control limits
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
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.

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.

Corrective Action: Trip blank received but not listed on COC, client notified and added to end of project.



USA
environmental

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Turn-Around Time

RUSH - Next Day
RUSH - Two Day
RUSH - Three Day
RUSH - Four Day
RUSH - Five Day
Standard (6-9 Day)
PFAS Standard 7-10 Day

Report Type (circle)

QA Report

Summary (Results Only)

NY ASP B Package

NJ Reduced

NJ DKQP

NJ Full

CT RCP

EDD Type (circle)

EQUIS (standard)

NYSDEC EQUIS

NJDEP SRP Haz Site

Standard Excel

CMDP

Other:

Regulatory Comparative

Compared to the following

Regulation(s): (please fill in)

Field Filtered

Lab Filtered

Circle Y / N

Preservation Confirmed

Appropriate Sample Containers

Corrective Action Form Required

Temperature

Degrees C

Field Chain-of-Custody Record

ALS' Standard Terms & Conditions are listed on the back side of this document. This legal document serves as your written authorization for ALS to proceed with the analyses requested below. Your signature binds you to ALS' Standard Terms & Conditions.

Report To:

Company:

Address:

Phone:

Contact:

E-mail:

YOUR Project Name / Number

HPN Env Management

Runway J4257006

PO Number

Preservative

(please list number of containers)

Unpreserved

HCl (hydrochloric acid)

MeOH (methanol)

HNO₃ (nitric acid)

H₂SO₄ (sulfuric acid)

NaOH (sodium hydroxide)

Na₂O₃ (sodium thio.)

Trizma

Ammonium Acetate

Other:

Matrix Codes

S - soil/solid/sludge

GW - groundwater

DW - drinking water

SW - surface water

WW - wastewater

O - Oil

Other:

Samples Collected by: (print AND sign your name)

Sample Identification

Date

SB-6 0"-2"

SB-6 2"-12"

SB-6 12"-24"

DUPE PFAS

SB-6 COMP

SB-7 0"-2"

SB-7 2"-12"

SB-7 12"-24"

DUPE COMP

SB-14 0"-2"

SB-14 2"-12" (MS/MSD)

SB-14 12"-24"

SB-14 2"-12" MS

SB-14 2"-12" MSD

Comments:

Samples Relinquished by / Company

Date/Time

10/24 12:15

Samples Received by / Company

Date/Time

10/24 12:15

Samples Relinquished by / Company

Date/Time

10/24/25

Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N

Custody Seals: Y / N Containers Intact: Y / N COC Labels Agreed: Y / N Preservation Confirmed: Y / N

COC Complete: Y / N COC Received: Y / N Appropriate Sample Volumes: Y / N Appropriate Sample Containers: Y / N

Cooler Temperature Confirmed: Y / N Samples Submitted within Holding Time: Y / N Corrective Action Form Required: Y / N

2. Samples Relinquished by / Company

3. Samples Received by / Company

4. Samples Relinquished by / Company

5. Samples Received by / Company

6. Samples Relinquished by / Company

7. Samples Received by / Company

8. Samples Relinquished by / Company

9. Samples Received by / Company

10. Samples Relinquished by / Company



Field Chain-of-Custody Record

ALS' Standard Terms & Conditions are listed on the back side of this document. This legal document serves as your written authorization for ALS to proceed with the analyses requested below. Your signature binds you to ALS' Standard Terms & Conditions.

ALS Project Number

2551560

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 800-306-9675

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Report To:		Invoice To:		YOUR Project Name / Number		Samples Collected From		Turn-Around Time															
Company: Terracon	Company:	Address: 70 Vantage Point Dr		HPN Env Management Runway JA257006		NY	CT	RUSH - Next Day															
Phone: 716 803 4809	Phone:	Contact: Hayley Martinez		PO Number		NJ	PA	RUSH - Two Day															
E-mail: Hayley.Martinez@terracon.com	E-mail:			Preservative (please list number of containers)		Analyses Requested		RUSH - Three Day															
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 ALS are resolved.		Matrix Codes						RUSH - Four Day															
		S - soil/solid/sludge GW - groundwater DW - drinking water SW - surface water WW - wastewater O - Oil Other						RUSH - Five Day															
Samples Collected by: (print AND sign your name)								Standard (6-9 Day)															
Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO ₃ (nitric acid)	H ₂ SO ₄ (sulfuric acid)	NaOH (sodium hydroxide)	Na ₂ S ₂ O ₃ (sodium thio.)	Trizma	Ammonium Acetate	Other:	PFAS	VOCs	SVOCs	Metals	PCBs	Pesticides	Herbicides	Grab or Comp.	Report Type (circle)	
SB-14 Comp (Hold)	10/24	0220	S	X										X								QA Report	
SB-14 Comp (MS/MSD)	10/24	0220	S	X		X									X	X	X	X	X	X		Summary (Results Only)	
SB-14 MS (10-11.5)	10/24	0210	S	X		X									X	X	X	X	X	X		NY ASP B Package	
SB-14 MSD (10-11.5)	10/24	0210	S	X		X									X	X	X	X	X	X		NJ Reduced	
SB-12 0"-2"	10/24	0310	S	X										X								NJ DKQP	
SB-12 2"-12"	10/24	0310	S	X										X								NJ Full	
SB-12 12"-24"	10/24	0310	S	X										X								CT RCP	
SB-12 Comp	10/24	0330	S	X		X									X	X	X	X	X	X		EDD Type (circle)	
SB-12 Comp (Hold)	10/24	0330	S	X										X								EQUIS (standard)	
Rinseate (PFAS)	10/24		W	X										X								NYSDEC EQUIS	
Rinseate (Comp)	10/24		W	X											X	X	X	X	X	X		NJDEP SRP Haz Site	
SB-7 Comp (Hold)	10/24	0400	S	X										X								Standard Excel	
SB-6 Comp (Hold)	10/24	0410	S	X										X								CMDP	
Trip Blank	10/24			X											X							Other:	
																							Field Filtered
																							Lab Filtered

Comments:

Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N

Custody Seals: Y / N Containers Intact: Y / N COC/Labels Agree: Y / N Preservation Confirmed: Y / N
COC Complete: Y / N COC Received: Y / N Appropriate Sample Volumes: Y / N Appropriate Sample Containers: Y / N
Cooler Temperature Confirmed: Y / N Samples Submitted within Holding Times: Y / N Corrective Action Form Required: Y / N

Samples iced/chilled at time of lab pickup? circle Yes or No

1. Samples Relinquished by / Company		2. Samples Relinquished by / Company		3. Samples Relinquished by / Company		4. Samples Relinquished by / Company	
10/24 1215		10/24/25 1215		10/24/25 1215		10/24/25 1215	
10/24/25 1405		10/24/25 1405		10/24/25 1405		10/24/25 1405	
10/24/25		10/24/25		10/24/25		10/24/25	



Technical Report

prepared for:

Terracon Consultants, Inc.
70 Vantage Point Dr.
Rochester NY, 14624
Attention: Hayley Martinez

Report Date: 11/04/2025
Client Project ID: HPN Env Management (JA257006)
York Project (SDG) No.: 25J1519

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: 11/04/2025
Client Project ID: HPN Env Management (JA257006)
York Project (SDG) No.: 25J1519

Terracon Consultants, Inc.
70 Vantage Point Dr.
Rochester NY, 14624
Attention: Hayley Martinez

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 October 23, 2025 and listed below. The project was identified as your project: **HPN Env Management (JA257006)**.

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.

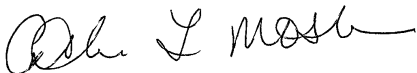
The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

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>
25J1519-01	SB-1 0"-2"	Soil	10/23/2025	10/23/2025
25J1519-02	SB-1 2"-12"	Soil	10/23/2025	10/23/2025
25J1519-03	SB-1 12"-24"	Soil	10/23/2025	10/23/2025
25J1519-04	SB-1 Comp	Soil	10/23/2025	10/23/2025
25J1519-05	SB-2 0"-2"	Soil	10/23/2025	10/23/2025
25J1519-06	SB-2 2"-12"	Soil	10/23/2025	10/23/2025
25J1519-07	SB-2 12"-24"	Soil	10/23/2025	10/23/2025
25J1519-08	SB-2 Comp	Soil	10/23/2025	10/23/2025
25J1519-09	SB-3 0"-2"	Soil	10/23/2025	10/23/2025
25J1519-10	SB-3 2"-12"	Soil	10/23/2025	10/23/2025
25J1519-11	SB-3 12"-24"	Soil	10/23/2025	10/23/2025
25J1519-12	Dupe (PFAS)	Soil	10/23/2025	10/23/2025
25J1519-13	Rinsate	Water	10/23/2025	10/23/2025
25J1519-14	SB-4 0"-2"	Soil	10/23/2025	10/23/2025
25J1519-15	SB-4 2"-12"	Soil	10/23/2025	10/23/2025
25J1519-16	SB-4 12"-24"	Soil	10/23/2025	10/23/2025
25J1519-17	SB-5 0"-2"	Soil	10/23/2025	10/23/2025
25J1519-18	SB-5 2"-12"	Soil	10/23/2025	10/23/2025
25J1519-19	SB-5 12"-24"	Soil	10/23/2025	10/23/2025
25J1519-20	DUP-2 (comp)	Soil	10/23/2025	10/23/2025
25J1519-21	Trip Blank	Water	10/23/2025	10/23/2025

General Notes for York Project (SDG) No.: 25J1519

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: 11/04/2025





Sample Information

Client Sample ID: SB-1 0"-2"

York Sample ID: 25J1519-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25J1519

HPN Env Management (JA257006)

Soil

October 23, 2025 12:40 am

10/23/2025

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		ug/kg dry	0.527	0.540	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 09:59	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	0.0945	0.239	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 09:59	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0675	0.270	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 09:59	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.149	0.270	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 09:59	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0945	0.247	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 09:59	AM
335-67-1	Perfluorooctanoic acid (PFOA)	0.122	J	ug/kg dry	0.0945	0.270	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 09:59	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	2.32		ug/kg dry	0.0945	0.251	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 09:59	AM
375-95-1	Perfluorononanoic acid (PFNA)	0.228	J	ug/kg dry	0.189	0.270	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 09:59	AM
335-76-2	Perfluorodecanoic acid (PFDA)	0.187	J	ug/kg dry	0.108	0.270	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 09:59	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	0.459		ug/kg dry	0.149	0.270	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 09:59	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	0.130	J	ug/kg dry	0.108	0.270	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 09:59	AM
72629-94-8	Perfluorotridecanoic acid (PFTriDA)	0.156	J	ug/kg dry	0.149	0.270	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 09:59	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.176	0.270	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 09:59	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.108	0.270	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 09:59	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.675	0.675	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 09:59	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.108	0.540	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 09:59	AM
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0405	0.270	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 09:59	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0945	0.270	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 09:59	AM
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0810	0.261	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 09:59	AM



Sample Information

Client Sample ID: SB-1 0"-2"

York Sample ID: 25J1519-01

York Project (SDG) No.

25J1519

Client Project ID

HPN Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 23, 2025 12:40 am

Date Received

10/23/2025

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
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.243	1.03	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 09:59	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.216	1.04	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 09:59	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.216	1.08	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 09:59	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND		ug/kg dry	0.0810	0.481	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 09:59	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0540	0.540	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 09:59	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.162	0.540	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 09:59	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.0945	0.254	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 09:59	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.297	1.01	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 09:59	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ug/kg dry	0.311	1.08	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 09:59	AM
763051-92-9	11CL-PF3OUdS	ND		ug/kg dry	0.297	1.02	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 09:59	AM
756426-58-1	9CL-PF3ONS	ND		ug/kg dry	0.365	1.01	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 09:59	AM
919005-14-4	ADONA	ND		ug/kg dry	0.351	1.02	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 09:59	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.203	0.262	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 09:59	AM
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.189	0.259	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 09:59	AM
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.432	1.35	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 09:59	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	0.986	6.75	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 09:59	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.27	6.75	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 09:59	AM
24448-09-7	N-MeFOSE	ND		ug/kg dry	0.986	2.70	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 09:59	AM
31506-32-8	N-MeFOSA	ND		ug/kg dry	0.176	0.270	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 09:59	AM
1691-99-2	N-EtFOSE	ND		ug/kg dry	0.621	2.70	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 09:59	AM
4151-50-2	N-EtFOSA	ND		ug/kg dry	0.122	0.270	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 09:59	AM
Surrogate Recoveries		Result	Acceptance Range								



Sample Information

Client Sample ID: SB-1 0"-2"

York Sample ID: 25J1519-01

York Project (SDG) No.

25J1519

Client Project ID

HPN Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 23, 2025 12:40 am

Date Received

10/23/2025

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
M3PFBS	Surrogate: M3PFBS	119 %			40-135						
338-30-1	Surrogate: M5PFHxA	101 %			40-130						
13C4PFHPA	Surrogate: M4PFHPA	79.2 %			40-130						
13C3PFHXS	Surrogate: M3PFHxS	113 %			40-130						
13C8PFOA	Surrogate: Perfluoro-n- [13C8]octanoic acid (M8PFOA)	102 %			40-130						
13C6PFDA	Surrogate: M6PFDA	103 %			40-130						
13C7PFUNA	Surrogate: M7PFUDa	103 %			40-130						
960315-52-0	Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)	101 %			40-130						
13C2PFTEDA	Surrogate: M2PFTeDA	90.7 %			20-130						
13C4PFBA	Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	109 %			8-130						
13C8PFOS	Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	115 %			40-130						
13C5PFPEA	Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	101 %			35-130						
13C8FOSA	Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	97.4 %			40-130						
D3-NMEFOSAA	Surrogate: d3-N-MeFOSAA	113 %			40-135						
D5-NETFOSAA	Surrogate: d5-N-EtFOSAA	133 %			40-150						
M2-6:2FTS	Surrogate: M2-6:2 FTS	161 %			40-215						
M2-8:2FTS	Surrogate: M2-8:2 FTS	139 %			40-275						
13C9PFNA	Surrogate: M9PFNA	97.3 %			40-130						
M2-4:2FTS	Surrogate: M2-4:2 FTS	164 %			40-165						
936109-37-4	Surrogate: d-N-MeFOSA	73.8 %			10-130						
936109-40-9	Surrogate: d-N-EtFOSA	72.7 %			10-130						
M3HFPO-DA	Surrogate: M3HFPO-DA	114 %			40-130						
D9-NETPFOSAI	Surrogate: d9-N-EtFOSE	78.9 %			15-130						
D7-NMEPFOSA	Surrogate: d7-N-MeFOSE	91.7 %			20-130						



Sample Information

Client Sample ID: SB-1 0''-2''

York Sample ID: 25J1519-01

York Project (SDG) No.

25J1519

Client Project ID

HPN Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 23, 2025 12:40 am

Date Received

10/23/2025

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	74.0		%	0.100	1	SM 2540G Certifications: CTDPH-PH-0840	10/27/2025 16:54	10/27/2025 17:04	DD2

Sample Information

Client Sample ID: SB-1 2''-12''

York Sample ID: 25J1519-02

York Project (SDG) No.

25J1519

Client Project ID

HPN Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 23, 2025 12:40 am

Date Received

10/23/2025

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		ug/kg dry	0.467	0.479	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 10:42	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	0.0838	0.212	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 10:42	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0599	0.239	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 10:42	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.132	0.239	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 10:42	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0838	0.219	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 10:42	AM
335-67-1	Perfluorooctanoic acid (PFOA)	0.181	J	ug/kg dry	0.0838	0.239	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 10:42	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	1.61		ug/kg dry	0.0838	0.223	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 10:42	AM
375-95-1	Perfluorononanoic acid (PFNA)	0.215	J	ug/kg dry	0.168	0.239	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 10:42	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.0958	0.239	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 10:42	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	0.211	J	ug/kg dry	0.132	0.239	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 10:42	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0958	0.239	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 10:42	AM



Sample Information

Client Sample ID: SB-1 2"-12"

York Sample ID: 25J1519-02

York Project (SDG) No.

25J1519

Client Project ID

HPN Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 23, 2025 12:40 am

Date Received

10/23/2025

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
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.132	0.239	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 10:42	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.156	0.239	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 10:42	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.0958	0.239	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 10:42	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.599	0.599	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 10:42	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.0958	0.479	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 10:42	AM
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0359	0.239	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 10:42	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0838	0.239	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 10:42	AM
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0718	0.231	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 10:42	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.216	0.910	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 10:42	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.192	0.920	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 10:42	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.192	0.958	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 10:42	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND		ug/kg dry	0.0718	0.426	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 10:42	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0479	0.479	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 10:42	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.144	0.479	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 10:42	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.0838	0.225	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 10:42	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.263	0.898	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 10:42	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ug/kg dry	0.275	0.958	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 10:42	AM
763051-92-9	11CL-PF3OUdS	ND		ug/kg dry	0.263	0.905	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 10:42	AM
756426-58-1	9CL-PF3ONS	ND		ug/kg dry	0.323	0.896	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 10:42	AM
919005-14-4	ADONA	ND		ug/kg dry	0.311	0.905	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 10:42	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.180	0.232	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 10:42	AM
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.168	0.230	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 10:42	AM



Sample Information

Client Sample ID: SB-1 2''-12''

York Sample ID: 25J1519-02

York Project (SDG) No.

25J1519

Client Project ID

HPN Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 23, 2025 12:40 am

Date Received

10/23/2025

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
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.383	1.20	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 10:42	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	0.874	5.99	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 10:42	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.13	5.99	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 10:42	AM
24448-09-7	N-MeFOSE	ND		ug/kg dry	0.874	2.39	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 10:42	AM
31506-32-8	N-MeFOSA	ND		ug/kg dry	0.156	0.239	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 10:42	AM
1691-99-2	N-EtFOSE	ND		ug/kg dry	0.551	2.39	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 10:42	AM
4151-50-2	N-EtFOSA	ND		ug/kg dry	0.108	0.239	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 10:42	AM
Surrogate Recoveries		Result	Acceptance Range								
M3PFBS	Surrogate: M3PFBS	114 %	40-135								
338-30-1	Surrogate: M5PFHxA	103 %	40-130								
13C4PFHPA	Surrogate: M4PFHpA	89.6 %	40-130								
13C3PFHXS	Surrogate: M3PFHxS	104 %	40-130								
13C8PFOA	Surrogate: Perfluoro-n- [13C8]octanoic acid (M8PFOA)	96.4 %	40-130								
13C6PFDA	Surrogate: M6PFDA	104 %	40-130								
13C7PFUNA	Surrogate: M7PFUdA	110 %	40-130								
960315-52-0	Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)	101 %	40-130								
13C2PFTEDA	Surrogate: M2PFTeDA	92.8 %	20-130								
13C4PFBA	Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	108 %	8-130								
13C8PFOS	Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	102 %	40-130								
13C5PFPEA	Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	101 %	35-130								
13C8FOSA	Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	94.9 %	40-130								
D3-NMEFOSAA	Surrogate: d3-N-MeFOSAA	103 %	40-135								
D5-NETFOSAA	Surrogate: d5-N-EtFOSAA	107 %	40-150								
M2-6:2FTS	Surrogate: M2-6:2 FTS	143 %	40-215								
M2-8:2FTS	Surrogate: M2-8:2 FTS	123 %	40-275								
13C9PFNA	Surrogate: M9PFNA	95.1 %	40-130								
M2-4:2FTS	Surrogate: M2-4:2 FTS	137 %	40-165								
936109-37-4	Surrogate: d-N-MeFOSA	86.1 %	10-130								
936109-40-9	Surrogate: d-N-EtFOSA	83.6 %	10-130								



Sample Information

Client Sample ID: SB-1 2''-12''

York Sample ID: 25J1519-02

York Project (SDG) No.

25J1519

Client Project ID

HPN Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 23, 2025 12:40 am

Date Received

10/23/2025

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
M3HFPO-DA	Surrogate: M3HFPO-DA	119 %			40-130						
D9-NETPFOSA	Surrogate: d9-N-EtFOSE	76.1 %			15-130						
D7-NMEPFOSA	Surrogate: d7-N-MeFOSE	88.0 %			20-130						

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	83.5		%	0.100	1	SM 2540G Certifications: CTDPH-PH-0840	10/24/2025 14:51	10/24/2025 14:59	DD2

Sample Information

Client Sample ID: SB-1 12''-24''

York Sample ID: 25J1519-03

York Project (SDG) No.

25J1519

Client Project ID

HPN Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 23, 2025 12:40 am

Date Received

10/23/2025

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		ug/kg dry	0.434	0.445	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 10:56	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	0.0779	0.197	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 10:56	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	0.131	J	ug/kg dry	0.0556	0.223	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 10:56	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	0.158	J	ug/kg dry	0.122	0.223	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 10:56	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0779	0.204	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 10:56	AM
335-67-1	Perfluorooctanoic acid (PFOA)	0.515		ug/kg dry	0.0779	0.223	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 10:56	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	0.401		ug/kg dry	0.0779	0.207	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 10:56	AM



Sample Information

Client Sample ID: SB-1 12"-24"

York Sample ID: 25J1519-03

York Project (SDG) No.

25J1519

Client Project ID

HPN Env Management (JA257006)

Matrix

Soil

Collection Date/Time

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10/23/2025

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		ug/kg dry	0.156	0.223	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 10:56	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.0890	0.223	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 10:56	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.122	0.223	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 10:56	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0890	0.223	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 10:56	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.122	0.223	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 10:56	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.145	0.223	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 10:56	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.0890	0.223	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 10:56	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.556	0.556	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 10:56	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	0.178	J	ug/kg dry	0.0890	0.445	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 10:56	AM
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0334	0.223	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 10:56	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0779	0.223	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 10:56	AM
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0668	0.215	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 10:56	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.200	0.846	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 10:56	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.178	0.855	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 10:56	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.178	0.890	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 10:56	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND		ug/kg dry	0.0668	0.396	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 10:56	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0445	0.445	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 10:56	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.134	0.445	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 10:56	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.0779	0.209	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 10:56	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.245	0.835	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 10:56	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ug/kg dry	0.256	0.890	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 10:56	AM
763051-92-9	11CL-PF3OUdS	ND		ug/kg dry	0.245	0.841	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 10:56	AM



Sample Information

Client Sample ID: SB-1 12"-24"

York Sample ID: 25J1519-03

York Project (SDG) No.

25J1519

Client Project ID

HPN Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 23, 2025 12:40 am

Date Received

10/23/2025

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		ug/kg dry	0.300	0.832	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 10:56	AM
919005-14-4	ADONA	ND		ug/kg dry	0.289	0.841	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 10:56	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.167	0.216	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 10:56	AM
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.156	0.214	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 10:56	AM
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.356	1.11	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 10:56	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	0.812	5.56	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 10:56	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.05	5.56	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 10:56	AM
24448-09-7	N-MeFOSE	ND		ug/kg dry	0.812	2.23	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 10:56	AM
31506-32-8	N-MeFOSA	ND		ug/kg dry	0.145	0.223	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 10:56	AM
1691-99-2	N-EtFOSE	ND		ug/kg dry	0.512	2.23	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 10:56	AM
4151-50-2	N-EtFOSA	ND		ug/kg dry	0.100	0.223	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 10:56	AM

Surrogate Recoveries		Result	Acceptance Range
M3PFBS	Surrogate: M3PFBS	98.1 %	40-135
338-30-1	Surrogate: M5PFHxA	101 %	40-130
13C4PFHPA	Surrogate: M4PFHpA	84.0 %	40-130
13C3PFHXS	Surrogate: M3PFHxS	92.4 %	40-130
13C8PFOA	Surrogate: Perfluoro-n- [13C8]octanoic acid (M8PFOA)	89.8 %	40-130
13C6PFDA	Surrogate: M6PFDA	92.5 %	40-130
13C7PFUNA	Surrogate: M7PFUDa	96.8 %	40-130
960315-52-0	Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)	88.9 %	40-130
13C2PFTEDA	Surrogate: M2PFTeDA	80.9 %	20-130
13C4PFBA	Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	104 %	8-130
13C8PFOS	Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	100 %	40-130
13C5PFPEA	Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	98.1 %	35-130
13C8FOSA	Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	94.4 %	40-130
D3-NMEFOSAA	Surrogate: d3-N-MeFOSAA	88.8 %	40-135



Sample Information

Client Sample ID: SB-1 12"-24"

York Sample ID: 25J1519-03

York Project (SDG) No.

25J1519

Client Project ID

HPN Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 23, 2025 12:40 am

Date Received

10/23/2025

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
D5-NETFOSAA	Surrogate: d5-N-EtFOSAA	91.1 %			40-150						
M2-6:2FTS	Surrogate: M2-6:2 FTS	120 %			40-215						
M2-8:2FTS	Surrogate: M2-8:2 FTS	105 %			40-275						
13C9PFNA	Surrogate: M9PFNA	98.4 %			40-130						
M2-4:2FTS	Surrogate: M2-4:2 FTS	115 %			40-165						
936109-37-4	Surrogate: d-N-MeFOSA	75.6 %			10-130						
936109-40-9	Surrogate: d-N-EtFOSA	71.1 %			10-130						
M3HFPO-DA	Surrogate: M3HFPO-DA	116 %			40-130						
D9-NETPFOSA	Surrogate: d9-N-EtFOSE	69.4 %			15-130						
D7-NMEPFOSA	Surrogate: d7-N-MeFOSE	79.9 %			20-130						

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	89.9		%	0.100	1	SM 2540G Certifications: CTDPH-PH-0840	10/24/2025 14:51	10/24/2025 14:59	DD2

Sample Information

Client Sample ID: SB-1 Comp

York Sample ID: 25J1519-04

York Project (SDG) No.

25J1519

Client Project ID

HPN Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 23, 2025 1:00 am

Date Received

10/23/2025

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	0.0448	0.0894	2	EPA 8270E Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/26/2025 08:47	10/27/2025 09:56	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0894	0.179	2	EPA 8270E Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/26/2025 08:47	10/27/2025 09:56	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/26/2025 08:47	10/27/2025 09:56	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270E Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/26/2025 08:47	10/27/2025 09:56	SS
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270E Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/26/2025 08:47	10/27/2025 09:56	SS



Sample Information

Client Sample ID: SB-1 Comp

York Sample ID: 25J1519-04

York Project (SDG) No.

25J1519

Client Project ID

HPN Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 23, 2025 1:00 am

Date Received

10/23/2025

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
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270E Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/26/2025 08:47	10/27/2025 09:56	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270E Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/26/2025 08:47	10/27/2025 09:56	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0894	0.179	2	EPA 8270E Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/26/2025 08:47	10/27/2025 09:56	SS
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/26/2025 08:47	10/27/2025 09:56	SS
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/26/2025 08:47	10/27/2025 09:56	SS
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/26/2025 08:47	10/27/2025 09:56	SS
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/26/2025 08:47	10/27/2025 09:56	SS
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0894	0.179	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/26/2025 08:47	10/27/2025 09:56	SS
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/26/2025 08:47	10/27/2025 09:56	SS
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/26/2025 08:47	10/27/2025 09:56	SS
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/26/2025 08:47	10/27/2025 09:56	SS
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/26/2025 08:47	10/27/2025 09:56	SS
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/26/2025 08:47	10/27/2025 09:56	SS
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/26/2025 08:47	10/27/2025 09:56	SS
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0894	0.179	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/26/2025 08:47	10/27/2025 09:56	SS
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/26/2025 08:47	10/27/2025 09:56	SS
65794-96-9	* 3- & 4-Methylphenols	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270E Certifications: CTDPH-PH-0840	10/26/2025 08:47	10/27/2025 09:56	SS
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/26/2025 08:47	10/27/2025 09:56	SS
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0894	0.179	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/26/2025 08:47	10/27/2025 09:56	SS
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0894	0.179	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/26/2025 08:47	10/27/2025 09:56	SS
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/26/2025 08:47	10/27/2025 09:56	SS
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/26/2025 08:47	10/27/2025 09:56	SS
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/26/2025 08:47	10/27/2025 09:56	SS



Sample Information

Client Sample ID: SB-1 Comp

York Sample ID: 25J1519-04

York Project (SDG) No.

25J1519

Client Project ID

HPN Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 23, 2025 1:00 am

Date Received

10/23/2025

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
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270E Certifications:	10/26/2025 08:47	10/27/2025 09:56	SS
								CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0894	0.179	2	EPA 8270E Certifications:	10/26/2025 08:47	10/27/2025 09:56	SS
								CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0894	0.179	2	EPA 8270E Certifications:	10/26/2025 08:47	10/27/2025 09:56	SS
								CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
83-32-9	Acenaphthene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270E Certifications:	10/26/2025 08:47	10/27/2025 09:56	SS
								CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270E Certifications:	10/26/2025 08:47	10/27/2025 09:56	SS
								CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
98-86-2	Acetophenone	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270E Certifications:	10/26/2025 08:47	10/27/2025 09:56	SS
								NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
62-53-3	Aniline	ND		mg/kg dry	0.179	0.358	2	EPA 8270E Certifications:	10/26/2025 08:47	10/27/2025 09:56	SS
								NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
120-12-7	Anthracene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270E Certifications:	10/26/2025 08:47	10/27/2025 09:56	SS
								CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
1912-24-9	Atrazine	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270E Certifications:	10/26/2025 08:47	10/27/2025 09:56	SS
								NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270E Certifications:	10/26/2025 08:47	10/27/2025 09:56	SS
								NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
92-87-5	Benzidine	ND	CAL-E	mg/kg dry	0.179	0.358	2	EPA 8270E Certifications:	10/26/2025 08:47	10/27/2025 09:56	SS
								CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270E Certifications:	10/26/2025 08:47	10/27/2025 09:56	SS
								CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270E Certifications:	10/26/2025 08:47	10/27/2025 09:56	SS
								CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270E Certifications:	10/26/2025 08:47	10/27/2025 09:56	SS
								CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270E Certifications:	10/26/2025 08:47	10/27/2025 09:56	SS
								CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270E Certifications:	10/26/2025 08:47	10/27/2025 09:56	SS
								CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0448	0.0894	2	EPA 8270E Certifications:	10/26/2025 08:47	10/27/2025 09:56	SS
								NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270E Certifications:	10/26/2025 08:47	10/27/2025 09:56	SS
								NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270E Certifications:	10/26/2025 08:47	10/27/2025 09:56	SS
								CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270E Certifications:	10/26/2025 08:47	10/27/2025 09:56	SS
								CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270E Certifications:	10/26/2025 08:47	10/27/2025 09:56	SS
								CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0448	0.0894	2	EPA 8270E Certifications:	10/26/2025 08:47	10/27/2025 09:56	SS
								CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270E Certifications:	10/26/2025 08:47	10/27/2025 09:56	SS
								CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854			



Sample Information

Client Sample ID: SB-1 Comp

York Sample ID: 25J1519-04

York Project (SDG) No.

25J1519

Client Project ID

HPN Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 23, 2025 1:00 am

Date Received

10/23/2025

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
105-60-2	Caprolactam	ND		mg/kg dry	0.0894	0.179	2	EPA 8270E Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/26/2025 08:47	10/27/2025 09:56	SS
86-74-8	Carbazole	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/26/2025 08:47	10/27/2025 09:56	SS
218-01-9	Chrysene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/26/2025 08:47	10/27/2025 09:56	SS
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/26/2025 08:47	10/27/2025 09:56	SS
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/26/2025 08:47	10/27/2025 09:56	SS
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/26/2025 08:47	10/27/2025 09:56	SS
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/26/2025 08:47	10/27/2025 09:56	SS
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/26/2025 08:47	10/27/2025 09:56	SS
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/26/2025 08:47	10/27/2025 09:56	SS
122-39-4	Diphenylamine	ND		mg/kg dry	0.0894	0.179	2	EPA 8270E Certifications: PADEP-68-04440,NYSDOH-NY10854	10/26/2025 08:47	10/27/2025 09:56	SS
206-44-0	Fluoranthene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/26/2025 08:47	10/27/2025 09:56	SS
86-73-7	Fluorene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270E Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/26/2025 08:47	10/27/2025 09:56	SS
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/26/2025 08:47	10/27/2025 09:56	SS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/26/2025 08:47	10/27/2025 09:56	SS
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/26/2025 08:47	10/27/2025 09:56	SS
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/26/2025 08:47	10/27/2025 09:56	SS
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/26/2025 08:47	10/27/2025 09:56	SS
78-59-1	Isophorone	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/26/2025 08:47	10/27/2025 09:56	SS
91-20-3	Naphthalene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/26/2025 08:47	10/27/2025 09:56	SS
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/26/2025 08:47	10/27/2025 09:56	SS
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/26/2025 08:47	10/27/2025 09:56	SS
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/26/2025 08:47	10/27/2025 09:56	SS
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/26/2025 08:47	10/27/2025 09:56	SS



Sample Information

Client Sample ID: SB-1 Comp

York Sample ID: 25J1519-04

York Project (SDG) No.

25J1519

Client Project ID

HPN Env Management (JA257006)

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Collection Date/Time

October 23, 2025 1:00 am

Date Received

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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
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0448	0.0894	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/26/2025 08:47	10/27/2025 09:56	SS
85-01-8	Phenanthrene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/26/2025 08:47	10/27/2025 09:56	SS
108-95-2	Phenol	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/26/2025 08:47	10/27/2025 09:56	SS
129-00-0	Pyrene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/26/2025 08:47	10/27/2025 09:56	SS
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	82.0 %	20-108								
13127-88-3	Surrogate: SURR: Phenol-d6	71.3 %	23-114								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	69.0 %	22-108								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	90.4 %	21-113								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	118 %	S-08	19-110							
1718-51-0	Surrogate: SURR: Terphenyl-d14	99.7 %	24-116								

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.6	1	EPA 8270D SIM Certifications: NYSDOH-NY10854	10/26/2025 08:55	10/28/2025 13:30	SS
Surrogate Recoveries		Result	Acceptance Range							
17647-74-4	Surrogate: 1,4-Dioxane-d8	66.0 %	39-127.5							

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-dioxahexanoic acid (NFDHA)	ND	HT-NF D	ug/kg dry	0.418	0.428	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 02:20	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	0.0750	0.190	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 02:20	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0536	0.214	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 02:20	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.118	0.214	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 02:20	AM



Sample Information

Client Sample ID: SB-1 Comp

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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
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0750	0.196	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 02:20	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.0750	0.214	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 02:20	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.0750	0.199	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 02:20	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.150	0.214	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 02:20	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.0857	0.214	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 02:20	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.118	0.214	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 02:20	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0857	0.214	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 02:20	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.118	0.214	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 02:20	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.139	0.214	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 02:20	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.0857	0.214	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 02:20	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.536	0.536	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 02:20	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.0857	0.428	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 02:20	AM
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0321	0.214	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 02:20	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0750	0.214	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 02:20	AM
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0643	0.207	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 02:20	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.193	0.814	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 02:20	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.171	0.823	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 02:20	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.171	0.857	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 02:20	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND		ug/kg dry	0.0643	0.381	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 02:20	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0428	0.428	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 02:20	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.129	0.428	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 02:20	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.0750	0.201	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 02:20	AM



Sample Information

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York Sample ID: 25J1519-04

York Project (SDG) No.

25J1519

Client Project ID

HPN Env Management (JA257006)

Matrix

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Collection Date/Time

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Date Received

10/23/2025

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	0.236	0.803	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 02:20	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ug/kg dry	0.246	0.857	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 02:20	AM
763051-92-9	11CL-PF3OUdS	ND		ug/kg dry	0.236	0.810	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 02:20	AM
756426-58-1	9CL-PF3ONS	ND		ug/kg dry	0.289	0.801	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 02:20	AM
919005-14-4	ADONA	ND		ug/kg dry	0.279	0.810	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 02:20	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.161	0.208	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 02:20	AM
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.150	0.206	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 02:20	AM
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.343	1.07	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 02:20	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	0.782	5.36	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 02:20	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.01	5.36	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 02:20	AM
24448-09-7	N-MeFOSE	ND		ug/kg dry	0.782	2.14	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 02:20	AM
31506-32-8	N-MeFOSA	ND		ug/kg dry	0.139	0.214	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 02:20	AM
1691-99-2	N-EtFOSE	ND		ug/kg dry	0.493	2.14	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 02:20	AM
4151-50-2	N-EtFOSA	ND		ug/kg dry	0.0964	0.214	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 02:20	AM
Surrogate Recoveries		Result	Acceptance Range								
M3PFBS	Surrogate: M3PFBS	103 %	40-135								
338-30-1	Surrogate: M5PFHxA	91.0 %	40-130								
13C4PFHPA	Surrogate: M4PFHpA	97.9 %	40-130								
13C3PFHXS	Surrogate: M3PFHxS	97.3 %	40-130								
13C8PFOA	Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	86.4 %	40-130								
13C6PFDA	Surrogate: M6PFDA	88.7 %	40-130								
13C7PFUNA	Surrogate: M7PFUdA	81.7 %	40-130								
960315-52-0	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	81.1 %	40-130								
13C2PFTEDA	Surrogate: M2PFTeDA	66.3 %	20-130								
13C4PFBA	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	88.7 %	8-130								



Sample Information

Client Sample ID: SB-1 Comp

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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
13C8PFOS	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	101 %			40-130						
13C5PFPEA	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	86.6 %			35-130						
13C8FOSA	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	78.2 %			40-130						
D3-NMEFOSAA	Surrogate: d3-N-MeFOSAA	88.2 %			40-135						
D5-NETFOSAA	Surrogate: d5-N-EtFOSAA	92.6 %			40-150						
M2-6:2FTS	Surrogate: M2-6:2 FTS	112 %			40-215						
M2-8:2FTS	Surrogate: M2-8:2 FTS	106 %			40-275						
13C9PFNA	Surrogate: M9PFNA	97.4 %			40-130						
M2-4:2FTS	Surrogate: M2-4:2 FTS	107 %			40-165						
936109-37-4	Surrogate: d-N-MeFOSA	78.0 %			10-130						
936109-40-9	Surrogate: d-N-EtFOSA	85.7 %			10-130						
M3HFPO-DA	Surrogate: M3HFPO-DA	94.1 %			40-130						
D9-NETPFOSA	Surrogate: d9-N-EtFOSE	75.7 %			15-130						
D7-NMEPFOSA	Surrogate: d7-N-MeFOSE	72.5 %			20-130						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/26/2025 08:00	10/27/2025 20:21	RJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/26/2025 08:00	10/27/2025 20:21	RJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/26/2025 08:00	10/27/2025 20:21	RJ
309-00-2	Aldrin	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/26/2025 08:00	10/27/2025 20:21	RJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/26/2025 08:00	10/27/2025 20:21	RJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/26/2025 08:00	10/27/2025 20:21	RJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/26/2025 08:00	10/27/2025 20:21	RJ
60-57-1	Dieldrin	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/26/2025 08:00	10/27/2025 20:21	RJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/26/2025 08:00	10/27/2025 20:21	RJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854	10/26/2025 08:00	10/27/2025 20:21	RJ
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/26/2025 08:00	10/27/2025 20:21	RJ



Sample Information

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PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/26/2025 08:00	10/27/2025 20:21	RJ
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/26/2025 08:00	10/27/2025 20:21	RJ
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/26/2025 08:00	10/27/2025 20:21	RJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/26/2025 08:00	10/27/2025 20:21	RJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/26/2025 08:00	10/27/2025 20:21	RJ
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/26/2025 08:00	10/27/2025 20:21	RJ
72-43-5	Methoxychlor	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/26/2025 08:00	10/27/2025 20:21	RJ
8001-35-2	Toxaphene	ND		mg/kg dry	0.177	5	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/26/2025 08:00	10/27/2025 20:21	RJ
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0354	5	EPA 8081B Certifications:	10/26/2025 08:00	10/27/2025 20:21	RJ
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	56.8 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	56.2 %	30-150							

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0179	1	EPA 8082A Certifications: NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0	10/26/2025 08:00	10/27/2025 12:29	NF
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0179	1	EPA 8082A Certifications: NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0	10/26/2025 08:00	10/27/2025 12:29	NF
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0179	1	EPA 8082A Certifications: NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0	10/26/2025 08:00	10/27/2025 12:29	NF
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0179	1	EPA 8082A Certifications: NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0	10/26/2025 08:00	10/27/2025 12:29	NF
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0179	1	EPA 8082A Certifications: NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0	10/26/2025 08:00	10/27/2025 12:29	NF
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0179	1	EPA 8082A Certifications: NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0	10/26/2025 08:00	10/27/2025 12:29	NF
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0179	1	EPA 8082A Certifications: NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0	10/26/2025 08:00	10/27/2025 12:29	NF
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0179	1	EPA 8082A Certifications:	10/26/2025 08:00	10/27/2025 12:29	NF
Surrogate Recoveries		Result	Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	56.0 %	30-120							
2051-24-3	Surrogate: Decachlorobiphenyl	76.0 %	30-120							



Sample Information

Client Sample ID: SB-1 Comp

York Sample ID: 25J1519-04

York Project (SDG) No.

25J1519

Client Project ID

HPN Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 23, 2025 1:00 am

Date Received

10/23/2025

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/kg dry	21.4	1	EPA 8151A Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/26/2025 08:00	10/28/2025 11:31	gxb
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	21.4	1	EPA 8151A Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/26/2025 08:00	10/28/2025 11:31	gxb
94-75-7	2,4-D	ND		ug/kg dry	21.4	1	EPA 8151A Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/26/2025 08:00	10/28/2025 11:31	gxb
Surrogate Recoveries		Result	Acceptance Range							
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	126 %	21-150							

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	16500		mg/kg dry	4.48	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 14:38	10/28/2025 10:51	AGNR
7440-36-0	Antimony	ND		mg/kg dry	2.24	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 14:38	10/28/2025 10:51	AGNR
7440-38-2	Arsenic	1.92		mg/kg dry	1.34	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 14:38	10/28/2025 10:51	AGNR
7440-39-3	Barium	369		mg/kg dry	2.24	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 14:38	10/28/2025 10:51	AGNR
7440-41-7	Beryllium	ND		mg/kg dry	0.045	1	EPA 6010D Certifications: NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440	10/27/2025 14:38	10/28/2025 10:51	AGNR
7440-43-9	Cadmium	ND		mg/kg dry	0.269	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 14:38	10/28/2025 10:51	AGNR
7440-70-2	Calcium	4320		mg/kg dry	4.48	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 14:38	10/28/2025 10:51	AGNR
7440-47-3	Chromium	19.1		mg/kg dry	0.448	1	EPA 6010D Certifications: NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440	10/27/2025 14:38	10/28/2025 10:51	AGNR
7440-48-4	Cobalt	21.9		mg/kg dry	0.358	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 14:38	10/28/2025 10:51	AGNR
7440-50-8	Copper	132		mg/kg dry	1.79	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 14:38	10/28/2025 10:51	AGNR
7439-89-6	Iron	31300		mg/kg dry	22.4	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 14:38	10/28/2025 10:51	AGNR
7439-92-1	Lead	4.71		mg/kg dry	0.448	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 14:38	10/28/2025 10:51	AGNR
7439-95-4	Magnesium	8490		mg/kg dry	4.48	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 14:38	10/28/2025 10:51	AGNR
7439-96-5	Manganese	446		mg/kg dry	0.448	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 14:38	10/28/2025 10:51	AGNR



Sample Information

Client Sample ID: SB-1 Comp

York Sample ID: 25J1519-04

York Project (SDG) No.

25J1519

Client Project ID

HPN Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 23, 2025 1:00 am

Date Received

10/23/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	23.9		mg/kg dry	0.893	1	EPA 6010D	10/27/2025 14:38	10/28/2025 10:51	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-09-7	Potassium	2650		mg/kg dry	4.48	1	EPA 6010D	10/27/2025 14:38	10/28/2025 10:51	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7782-49-2	Selenium	ND		mg/kg dry	2.24	1	EPA 6010D	10/27/2025 14:38	10/28/2025 10:51	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-22-4	Silver	ND		mg/kg dry	0.452	1	EPA 6010D	10/27/2025 14:38	10/28/2025 10:51	AGNR
							Certifications:	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-23-5	Sodium	299		mg/kg dry	44.8	1	EPA 6010D	10/27/2025 14:38	10/28/2025 10:51	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-28-0	Thallium	ND		mg/kg dry	1.80	1	EPA 6010D	10/27/2025 14:38	10/28/2025 10:51	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-62-2	Vanadium	73.2		mg/kg dry	0.893	1	EPA 6010D	10/27/2025 14:38	10/28/2025 10:51	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-66-6	Zinc	43.5		mg/kg dry	2.23	1	EPA 6010D	10/27/2025 14:38	10/28/2025 10:51	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		

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	0.0323	1	EPA 7473	10/27/2025 08:38	10/27/2025 13:50	JWT
							Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440,CTDPH-PH-0		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	93.0		%	0.100	1	SM 2540G	10/24/2025 08:29	10/24/2025 09:29	BF
							Certifications:	CTDPH-PH-0840		

Analyzed by: Phoenix Environmental Labs, Inc.

SW8260D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SW8260D

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		mg/Kg	0.022	1	SW8260D	10/23/2025 01:00	10/28/2025 02:32	CT007
							Certifications:	NY-11301		
71-55-6	1,1,1-Trichloroethane	ND		mg/Kg	0.0055	1	SW8260D	10/23/2025 01:00	10/28/2025 02:32	CT007
							Certifications:	NY-11301		



Sample Information

Client Sample ID: SB-1 Comp

York Sample ID: 25J1519-04

York Project (SDG) No.

25J1519

Client Project ID

HPN Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 23, 2025 1:00 am

Date Received

10/23/2025

Analyzed by: Phoenix Environmental Labs, Inc.

SW8260D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SW8260D

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		mg/Kg	0.0055	1	SW8260D Certifications: NY-11301	10/23/2025 01:00	10/28/2025 02:32	CT007
79-00-5	1,1,2-Trichloroethane	ND		mg/Kg	0.0055	1	SW8260D Certifications: NY-11301	10/23/2025 01:00	10/28/2025 02:32	CT007
75-34-3	1,1-Dichloroethane	ND		mg/Kg	0.0055	1	SW8260D Certifications: NY-11301	10/23/2025 01:00	10/28/2025 02:32	CT007
75-35-4	1,1-Dichloroethene	ND		mg/Kg	0.0055	1	SW8260D Certifications: NY-11301	10/23/2025 01:00	10/28/2025 02:32	CT007
87-61-6	1,2,3-Trichlorobenzene	ND		mg/Kg	0.0055	1	SW8260D Certifications: NY-11301	10/23/2025 01:00	10/28/2025 02:32	CT007
96-18-4	1,2,3-Trichloropropane	ND		mg/Kg	0.0055	1	SW8260D Certifications: NY-11301	10/23/2025 01:00	10/28/2025 02:32	CT007
120-82-1	1,2,4-Trichlorobenzene	ND		mg/Kg	0.0055	1	SW8260D Certifications: NY-11301	10/23/2025 01:00	10/28/2025 02:32	CT007
95-63-6	1,2,4-Trimethylbenzene	ND		mg/Kg	0.0055	1	SW8260D Certifications: NY-11301	10/23/2025 01:00	10/28/2025 02:32	CT007
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/Kg	0.0055	1	SW8260D Certifications: NY-11301	10/23/2025 01:00	10/28/2025 02:32	CT007
106-93-4	1,2-Dibromoethane	ND		mg/Kg	0.0055	1	SW8260D Certifications: NY-11301	10/23/2025 01:00	10/28/2025 02:32	CT007
95-50-1	1,2-Dichlorobenzene	ND		mg/Kg	0.0055	1	SW8260D Certifications: NY-11301	10/23/2025 01:00	10/28/2025 02:32	CT007
107-06-2	1,2-Dichloroethane	ND		mg/Kg	0.0055	1	SW8260D Certifications: NY-11301	10/23/2025 01:00	10/28/2025 02:32	CT007
78-87-5	1,2-Dichloropropane	ND		mg/Kg	0.0055	1	SW8260D Certifications: NY-11301	10/23/2025 01:00	10/28/2025 02:32	CT007
108-67-8	1,3,5-Trimethylbenzene	ND		mg/Kg	0.0055	1	SW8260D Certifications: NY-11301	10/23/2025 01:00	10/28/2025 02:32	CT007
541-73-1	1,3-Dichlorobenzene	ND		mg/Kg	0.0055	1	SW8260D Certifications: NY-11301	10/23/2025 01:00	10/28/2025 02:32	CT007
106-46-7	1,4-Dichlorobenzene	ND		mg/Kg	0.0055	1	SW8260D Certifications: NY-11301	10/23/2025 01:00	10/28/2025 02:32	CT007
591-78-6	2-Hexanone	ND		mg/Kg	0.027	1	SW8260D Certifications: NY-11301	10/23/2025 01:00	10/28/2025 02:32	CT007
108-10-1	4-Methyl-2-pentanone	ND		mg/Kg	0.027	1	SW8260D Certifications: NY-11301	10/23/2025 01:00	10/28/2025 02:32	CT007
67-64-1	Acetone	ND		mg/Kg	0.05	1	SW8260D Certifications: NY-11301	10/23/2025 01:00	10/28/2025 02:32	CT007
107-02-8	Acrolein	ND		mg/Kg	0.0055	1	SW8260D Certifications: NY-11301	10/23/2025 01:00	10/28/2025 02:32	CT007
107-13-1	Acrylonitrile	ND		mg/Kg	0.022	1	SW8260D Certifications: NY-11301	10/23/2025 01:00	10/28/2025 02:32	CT007
71-43-2	Benzene	ND		mg/Kg	0.0055	1	SW8260D Certifications: NY-11301	10/23/2025 01:00	10/28/2025 02:32	CT007
74-97-5	Bromochloromethane	ND		mg/Kg	0.0055	1	SW8260D Certifications: NY-11301	10/23/2025 01:00	10/28/2025 02:32	CT007



Sample Information

Client Sample ID: SB-1 Comp

York Sample ID: 25J1519-04

York Project (SDG) No.

25J1519

Client Project ID

HPN Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 23, 2025 1:00 am

Date Received

10/23/2025

Analyzed by: Phoenix Environmental Labs, Inc.

SW8260D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-27-4	Bromodichloromethane	ND		mg/Kg	0.0055	1	SW8260D Certifications: NY-11301	10/23/2025 01:00	10/28/2025 02:32	CT007
75-25-2	Bromoform	ND		mg/Kg	0.0055	1	SW8260D Certifications: NY-11301	10/23/2025 01:00	10/28/2025 02:32	CT007
74-83-9	Bromomethane	ND		mg/Kg	0.0055	1	SW8260D Certifications: NY-11301	10/23/2025 01:00	10/28/2025 02:32	CT007
75-15-0	Carbon Disulfide	ND		mg/Kg	0.0055	1	SW8260D Certifications: NY-11301	10/23/2025 01:00	10/28/2025 02:32	CT007
56-23-5	Carbon tetrachloride	ND		mg/Kg	0.0055	1	SW8260D Certifications: NY-11301	10/23/2025 01:00	10/28/2025 02:32	CT007
108-90-7	Chlorobenzene	ND		mg/Kg	0.0055	1	SW8260D Certifications: NY-11301	10/23/2025 01:00	10/28/2025 02:32	CT007
75-00-3	Chloroethane	ND		mg/Kg	0.0055	1	SW8260D Certifications: NY-11301	10/23/2025 01:00	10/28/2025 02:32	CT007
67-66-3	Chloroform	ND		mg/Kg	0.0055	1	SW8260D Certifications: NY-11301	10/23/2025 01:00	10/28/2025 02:32	CT007
74-87-3	Chloromethane	ND		mg/Kg	0.0055	1	SW8260D Certifications: NY-11301	10/23/2025 01:00	10/28/2025 02:32	CT007
156-59-2	cis-1,2-Dichloroethene	ND		mg/Kg	0.0055	1	SW8260D Certifications: NY-11301	10/23/2025 01:00	10/28/2025 02:32	CT007
10061-01-5	cis-1,3-Dichloropropene	ND		mg/Kg	0.0055	1	SW8260D Certifications: NY-11301	10/23/2025 01:00	10/28/2025 02:32	CT007
110-82-7	Cyclohexane	ND		mg/Kg	0.0055	1	SW8260D Certifications: NY-11301	10/23/2025 01:00	10/28/2025 02:32	CT007
124-48-1	Dibromochloromethane	ND		mg/Kg	0.0055	1	SW8260D Certifications: NY-11301	10/23/2025 01:00	10/28/2025 02:32	CT007
74-95-3	Dibromomethane	ND		mg/Kg	0.0055	1	SW8260D Certifications: NY-11301	10/23/2025 01:00	10/28/2025 02:32	CT007
75-71-8	Dichlorodifluoromethane	ND		mg/Kg	0.0055	1	SW8260D Certifications: NY-11301	10/23/2025 01:00	10/28/2025 02:32	CT007
100-41-4	Ethylbenzene	ND		mg/Kg	0.0055	1	SW8260D Certifications: NY-11301	10/23/2025 01:00	10/28/2025 02:32	CT007
87-68-3	Hexachlorobutadiene	ND		mg/Kg	0.0055	1	SW8260D Certifications: NY-11301	10/23/2025 01:00	10/28/2025 02:32	CT007
98-82-8	Isopropylbenzene	ND		mg/Kg	0.0055	1	SW8260D Certifications: NY-11301	10/23/2025 01:00	10/28/2025 02:32	CT007
179601-23-1	m&p-Xylene	ND		mg/Kg	0.0055	1	SW8260D Certifications: NY-11301	10/23/2025 01:00	10/28/2025 02:32	CT007
78-93-3	Methyl ethyl ketone	ND		mg/Kg	0.033	1	SW8260D Certifications: NY-11301	10/23/2025 01:00	10/28/2025 02:32	CT007
1634-04-4	Methyl t-butyl ether (MTBE)	ND		mg/Kg	0.011	1	SW8260D Certifications: NY-11301	10/23/2025 01:00	10/28/2025 02:32	CT007
79-20-9	Methylacetate	ND		mg/Kg	0.055	1	SW8260D Certifications: NY-11301	10/23/2025 01:00	10/28/2025 02:32	CT007
108-87-2	Methylcyclohexane	ND		mg/Kg	0.0055	1	SW8260D Certifications: NY-11301	10/23/2025 01:00	10/28/2025 02:32	CT007



Sample Information

Client Sample ID: SB-1 Comp

York Sample ID: 25J1519-04

York Project (SDG) No.

25J1519

Client Project ID

HPN Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 23, 2025 1:00 am

Date Received

10/23/2025

Analyzed by: Phoenix Environmental Labs, Inc.

SW8260D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	ND		mg/Kg	0.027	1	SW8260D Certifications: NY-11301	10/23/2025 01:00	10/28/2025 02:32	CT007
104-51-8	n-Butylbenzene	ND		mg/Kg	0.0055	1	SW8260D Certifications: NY-11301	10/23/2025 01:00	10/28/2025 02:32	CT007
103-65-1	n-Propylbenzene	ND		mg/Kg	0.0055	1	SW8260D Certifications: NY-11301	10/23/2025 01:00	10/28/2025 02:32	CT007
95-47-6	o-Xylene	ND		mg/Kg	0.0055	1	SW8260D Certifications: NY-11301	10/23/2025 01:00	10/28/2025 02:32	CT007
99-87-6	p-Isopropyltoluene	ND		mg/Kg	0.0055	1	SW8260D Certifications: NY-11301	10/23/2025 01:00	10/28/2025 02:32	CT007
135-98-8	sec-Butylbenzene	ND		mg/Kg	0.0055	1	SW8260D Certifications: NY-11301	10/23/2025 01:00	10/28/2025 02:32	CT007
100-42-5	Styrene	ND		mg/Kg	0.0055	1	SW8260D Certifications: NY-11301	10/23/2025 01:00	10/28/2025 02:32	CT007
75-65-0	Tert-butyl alcohol	ND		mg/Kg	0.11	1	SW8260D Certifications: NY-11301	10/23/2025 01:00	10/28/2025 02:32	CT007
98-06-6	tert-Butylbenzene	ND		mg/Kg	0.0055	1	SW8260D Certifications: NY-11301	10/23/2025 01:00	10/28/2025 02:32	CT007
127-18-4	Tetrachloroethene	ND		mg/Kg	0.0055	1	SW8260D Certifications: NY-11301	10/23/2025 01:00	10/28/2025 02:32	CT007
108-88-3	Toluene	ND		mg/Kg	0.0055	1	SW8260D Certifications: NY-11301	10/23/2025 01:00	10/28/2025 02:32	CT007
1330-20-7	Total Xylenes	ND		mg/Kg	0.0055	1	SW8260D Certifications: NY-11301	10/23/2025 01:00	10/28/2025 02:32	CT007
156-60-5	trans-1,2-Dichloroethene	ND		mg/Kg	0.0055	1	SW8260D Certifications: NY-11301	10/23/2025 01:00	10/28/2025 02:32	CT007
10061-02-6	trans-1,3-Dichloropropene	ND		mg/Kg	0.0055	1	SW8260D Certifications: NY-11301	10/23/2025 01:00	10/28/2025 02:32	CT007
110-57-6	trans-1,4-dichloro-2-butene	ND		mg/Kg	0.011	1	SW8260D Certifications: NY-11301	10/23/2025 01:00	10/28/2025 02:32	CT007
79-01-6	Trichloroethene	ND		mg/Kg	0.0055	1	SW8260D Certifications: NY-11301	10/23/2025 01:00	10/28/2025 02:32	CT007
75-69-4	Trichlorofluoromethane	ND		mg/Kg	0.0055	1	SW8260D Certifications: NY-11301	10/23/2025 01:00	10/28/2025 02:32	CT007
76-13-1	Trichlorotrifluoroethane	ND		mg/Kg	0.0055	1	SW8260D Certifications: NY-11301	10/23/2025 01:00	10/28/2025 02:32	CT007
75-01-4	Vinyl chloride	ND		mg/Kg	0.0055	1	SW8260D Certifications: NY-11301	10/23/2025 01:00	10/28/2025 02:32	CT007
Surrogate Recoveries		Result	Acceptance Range							
2199-69-1	Surrogate: % 1,2-dichlorobenzene-d4	94 %	70-130							
460-00-4	Surrogate: % Bromofluorobenzene	100 %	70-130							
1868-53-7	Surrogate: % Dibromofluoromethane	101 %	70-130							
2037-26-5	Surrogate: % Toluene-d8	92 %	70-130							



Sample Information

Client Sample ID: SB-1 Comp

York Sample ID: 25J1519-04

York Project (SDG) No.

25J1519

Client Project ID

HPN Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 23, 2025 1:00 am

Date Received

10/23/2025

Analyzed by: Phoenix Environmental Labs, Inc.

SW846-%Solid

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SW846-%Solid

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
PHNX - PCTSOI	Percent Solid	92		%		1	SW846-%Solid Certifications: NY-11301	10/23/2025 01:00	10/27/2025 23:30	CT007

Sample Information

Client Sample ID: SB-2 0"-2"

York Sample ID: 25J1519-05

York Project (SDG) No.

25J1519

Client Project ID

HPN Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 23, 2025 1:50 am

Date Received

10/23/2025

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		ug/kg dry	0.550	0.564	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:11	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	0.0986	0.249	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:11	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0705	0.282	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:11	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.155	0.282	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:11	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0986	0.258	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:11	AM
335-67-1	Perfluorooctanoic acid (PFOA)	0.107	J	ug/kg dry	0.0986	0.282	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:11	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	3.68		ug/kg dry	0.0986	0.262	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:11	AM
375-95-1	Perfluorononanoic acid (PFNA)	0.364		ug/kg dry	0.197	0.282	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:11	AM
335-76-2	Perfluorodecanoic acid (PFDA)	0.346		ug/kg dry	0.113	0.282	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:11	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	6.78		ug/kg dry	0.155	0.282	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:11	AM



Sample Information

Client Sample ID: SB-2 0"-2"

York Sample ID: 25J1519-05

York Project (SDG) No.

25J1519

Client Project ID

HPN Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 23, 2025 1:50 am

Date Received

10/23/2025

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
307-55-1	Perfluorododecanoic acid (PFDoA)	0.388		ug/kg dry	0.113	0.282	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:11	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	1.35		ug/kg dry	0.155	0.282	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:11	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.183	0.282	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:11	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.113	0.282	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:11	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.705	0.705	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:11	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.113	0.564	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:11	AM
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0423	0.282	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:11	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0986	0.282	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:11	AM
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0846	0.272	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:11	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.254	1.07	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:11	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.225	1.08	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:11	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.225	1.13	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:11	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND		ug/kg dry	0.0846	0.502	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:11	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0564	0.564	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:11	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.169	0.564	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:11	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.0986	0.265	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:11	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.310	1.06	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:11	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ug/kg dry	0.324	1.13	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:11	AM
763051-92-9	11CL-PF3OUdS	ND		ug/kg dry	0.310	1.07	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:11	AM
756426-58-1	9CL-PF3ONS	ND		ug/kg dry	0.380	1.05	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:11	AM
919005-14-4	ADONA	ND		ug/kg dry	0.366	1.07	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:11	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.211	0.273	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:11	AM



Sample Information

Client Sample ID: SB-2 0''-2''

York Sample ID: 25J1519-05

York Project (SDG) No.

25J1519

Client Project ID

HPN Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 23, 2025 1:50 am

Date Received

10/23/2025

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
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.197	0.271	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:11	AM
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.451	1.41	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:11	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	1.03	7.05	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:11	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.32	7.05	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:11	AM
24448-09-7	N-MeFOSE	ND		ug/kg dry	1.03	2.82	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:11	AM
31506-32-8	N-MeFOSA	ND		ug/kg dry	0.183	0.282	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:11	AM
1691-99-2	N-EtFOSE	ND		ug/kg dry	0.648	2.82	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:11	AM
4151-50-2	N-EtFOSA	ND		ug/kg dry	0.127	0.282	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:11	AM
Surrogate Recoveries		Result	Acceptance Range								
M3PFBS	Surrogate: M3PFBS	111 %	40-135								
338-30-1	Surrogate: M5PFHxA	107 %	40-130								
13C4PFHPA	Surrogate: M4PFHpA	85.7 %	40-130								
13C3PFHXS	Surrogate: M3PFHxS	102 %	40-130								
13C8PFOA	Surrogate: Perfluoro-n- [13C8]octanoic acid (M8PFOA)	98.7 %	40-130								
13C6PFDA	Surrogate: M6PFDA	106 %	40-130								
13C7PFUNA	Surrogate: M7PFUdA	97.4 %	40-130								
960315-52-0	Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)	95.2 %	40-130								
13C2PFTEDA	Surrogate: M2PFTeDA	91.6 %	20-130								
13C4PFBA	Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	109 %	8-130								
13C8PFOS	Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	101 %	40-130								
13C5PFPEA	Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	106 %	35-130								
13C8FOSA	Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	98.7 %	40-130								
D3-NMEFOSAA	Surrogate: d3-N-MeFOSAA	107 %	40-135								
D5-NETFOSAA	Surrogate: d5-N-EtFOSAA	108 %	40-150								
M2-6:2FTS	Surrogate: M2-6:2 FTS	143 %	40-215								
M2-8:2FTS	Surrogate: M2-8:2 FTS	127 %	40-275								
13C9PFNA	Surrogate: M9PFNA	107 %	40-130								
M2-4:2FTS	Surrogate: M2-4:2 FTS	138 %	40-165								
936109-37-4	Surrogate: d-N-MeFOSA	83.0 %	10-130								



Sample Information

Client Sample ID: SB-2 0''-2''

York Sample ID: 25J1519-05

York Project (SDG) No.

25J1519

Client Project ID

HPN Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 23, 2025 1:50 am

Date Received

10/23/2025

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
936109-40-9	Surrogate: d-N-EtFOSA	77.0 %			10-130						
M3HFPO-DA	Surrogate: M3HFPO-DA	118 %			40-130						
D9-NETPFOSA	Surrogate: d9-N-EtFOSE	74.0 %			15-130						
D7-NMEPFOSA	Surrogate: d7-N-MeFOSE	89.0 %			20-130						

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	71.0		%	0.100	1	SM 2540G Certifications: CTDPH-PH-0840	10/24/2025 14:51	10/24/2025 14:59	DD2

Sample Information

Client Sample ID: SB-2 2''-12''

York Sample ID: 25J1519-06

York Project (SDG) No.

25J1519

Client Project ID

HPN Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 23, 2025 1:50 am

Date Received

10/23/2025

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		ug/kg dry	0.460	0.472	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:25	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	0.0826	0.209	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:25	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0590	0.236	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:25	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.130	0.236	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:25	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0826	0.216	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:25	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.0826	0.236	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:25	AM



Sample Information

Client Sample ID: SB-2 2''-12''

York Sample ID: 25J1519-06

York Project (SDG) No.

25J1519

Client Project ID

HPN Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 23, 2025 1:50 am

Date Received

10/23/2025

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
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	1.96		ug/kg dry	0.0826	0.219	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:25	AM
375-95-1	Perfluorononanoic acid (PFNA)	0.441		ug/kg dry	0.165	0.236	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:25	AM
335-76-2	Perfluorodecanoic acid (PFDA)	0.246		ug/kg dry	0.0944	0.236	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:25	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	4.56		ug/kg dry	0.130	0.236	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:25	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	0.239		ug/kg dry	0.0944	0.236	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:25	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	1.20		ug/kg dry	0.130	0.236	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:25	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.153	0.236	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:25	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.0944	0.236	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:25	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.590	0.590	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:25	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.0944	0.472	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:25	AM
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0354	0.236	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:25	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0826	0.236	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:25	AM
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0708	0.228	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:25	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.212	0.896	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:25	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.189	0.906	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:25	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.189	0.944	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:25	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND		ug/kg dry	0.0708	0.420	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:25	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0472	0.472	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:25	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.142	0.472	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:25	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.0826	0.222	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:25	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.259	0.885	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:25	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ug/kg dry	0.271	0.944	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:25	AM



Sample Information

Client Sample ID: SB-2 2''-12''

York Sample ID: 25J1519-06

York Project (SDG) No.

25J1519

Client Project ID

HPN Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 23, 2025 1:50 am

Date Received

10/23/2025

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
763051-92-9	11CL-PF3OUdS	ND		ug/kg dry	0.259	0.892	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:25	AM
756426-58-1	9CL-PF3ONS	ND		ug/kg dry	0.318	0.882	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:25	AM
919005-14-4	ADONA	ND		ug/kg dry	0.307	0.892	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:25	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.177	0.229	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:25	AM
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.165	0.226	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:25	AM
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.377	1.18	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:25	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	0.861	5.90	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:25	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.11	5.90	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:25	AM
24448-09-7	N-MeFOSE	ND		ug/kg dry	0.861	2.36	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:25	AM
31506-32-8	N-MeFOSA	ND		ug/kg dry	0.153	0.236	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:25	AM
1691-99-2	N-EtFOSE	ND		ug/kg dry	0.543	2.36	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:25	AM
4151-50-2	N-EtFOSA	ND		ug/kg dry	0.106	0.236	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:25	AM

Surrogate Recoveries		Result	Acceptance Range
M3PFBS	Surrogate: M3PFBS	111 %	40-135
338-30-1	Surrogate: M5PFHxA	105 %	40-130
13C4PFHPA	Surrogate: M4PFHpA	83.7 %	40-130
13C3PFHXS	Surrogate: M3PFHxS	114 %	40-130
13C8PFOA	Surrogate: Perfluoro-n- [13C8]octanoic acid (M8PFOA)	97.0 %	40-130
13C6PFDA	Surrogate: M6PFDA	106 %	40-130
13C7PFUNA	Surrogate: M7PFUdA	114 %	40-130
960315-52-0	Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)	103 %	40-130
13C2PFTEDA	Surrogate: M2PFTeDA	96.1 %	20-130
13C4PFBA	Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	110 %	8-130
13C8PFOS	Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	104 %	40-130
13C5PFPEA	Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	104 %	35-130
13C8FOSA	Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	105 %	40-130



Sample Information

Client Sample ID: SB-2 2''-12''

York Sample ID: 25J1519-06

York Project (SDG) No.

25J1519

Client Project ID

HPN Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 23, 2025 1:50 am

Date Received

10/23/2025

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
D3-NMEFOSAA	Surrogate: d3-N-MeFOSAA	108 %			40-135						
D5-NETFOSAA	Surrogate: d5-N-EtFOSAA	108 %			40-150						
M2-6:2FTS	Surrogate: M2-6:2 FTS	137 %			40-215						
M2-8:2FTS	Surrogate: M2-8:2 FTS	135 %			40-275						
13C9PFNA	Surrogate: M9PFNA	96.5 %			40-130						
M2-4:2FTS	Surrogate: M2-4:2 FTS	137 %			40-165						
936109-37-4	Surrogate: d-N-MeFOSA	91.3 %			10-130						
936109-40-9	Surrogate: d-N-EtFOSA	84.4 %			10-130						
M3HFPO-DA	Surrogate: M3HFPO-DA	123 %			40-130						
D9-NETPFOSA	Surrogate: d9-N-EtFOSE	78.4 %			15-130						
D7-NMEPFOSA	Surrogate: d7-N-MeFOSE	91.7 %			20-130						

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	84.8		%	0.100	1	SM 2540G Certifications: CTDPH-PH-0840	10/24/2025 14:51	10/24/2025 14:59	DD2

Sample Information

Client Sample ID: SB-2 12''-24''

York Sample ID: 25J1519-07

York Project (SDG) No.

25J1519

Client Project ID

HPN Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 23, 2025 1:50 am

Date Received

10/23/2025

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		ug/kg dry	0.439	0.450	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:39	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	0.0788	0.199	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:39	AM



Sample Information

Client Sample ID: SB-2 12"-24"

York Sample ID: 25J1519-07

York Project (SDG) No.

25J1519

Client Project ID

HPN Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 23, 2025 1:50 am

Date Received

10/23/2025

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
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0563	0.225	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:39	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.124	0.225	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:39	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0788	0.206	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:39	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.0788	0.225	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:39	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	0.674		ug/kg dry	0.0788	0.209	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:39	AM
375-95-1	Perfluorononanoic acid (PFNA)	0.433		ug/kg dry	0.158	0.225	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:39	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.0901	0.225	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:39	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	0.239		ug/kg dry	0.124	0.225	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:39	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0901	0.225	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:39	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.124	0.225	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:39	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.146	0.225	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:39	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.0901	0.225	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:39	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.563	0.563	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:39	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.0901	0.450	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:39	AM
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0338	0.225	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:39	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0788	0.225	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:39	AM
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0676	0.217	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:39	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.203	0.856	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:39	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.180	0.865	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:39	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.180	0.901	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:39	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND		ug/kg dry	0.0676	0.401	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:39	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0450	0.450	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:39	AM



Sample Information

Client Sample ID: SB-2 12"-24"

York Sample ID: 25J1519-07

York Project (SDG) No.

25J1519

Client Project ID

HPN Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 23, 2025 1:50 am

Date Received

10/23/2025

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
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.135	0.450	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:39	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.0788	0.212	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:39	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.248	0.844	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:39	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ug/kg dry	0.259	0.901	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:39	AM
763051-92-9	11CL-PF3OUdS	ND		ug/kg dry	0.248	0.851	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:39	AM
756426-58-1	9CL-PF3ONS	ND		ug/kg dry	0.304	0.842	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:39	AM
919005-14-4	ADONA	ND		ug/kg dry	0.293	0.851	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:39	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.169	0.218	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:39	AM
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.158	0.216	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:39	AM
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.360	1.13	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:39	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	0.822	5.63	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:39	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.06	5.63	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:39	AM
24448-09-7	N-MeFOSE	ND		ug/kg dry	0.822	2.25	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:39	AM
31506-32-8	N-MeFOSA	ND		ug/kg dry	0.146	0.225	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:39	AM
1691-99-2	N-EtFOSE	ND		ug/kg dry	0.518	2.25	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:39	AM
4151-50-2	N-EtFOSA	ND		ug/kg dry	0.101	0.225	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:39	AM
Surrogate Recoveries		Result	Acceptance Range								
M3PFBS	Surrogate: M3PFBS	109 %	40-135								
338-30-1	Surrogate: M5PFHxA	110 %	40-130								
13C4PFHPA	Surrogate: M4PFHpA	87.8 %	40-130								
13C3PFHXS	Surrogate: M3PFHxS	103 %	40-130								
13C8PFOA	Surrogate: Perfluoro-n- [13C8]octanoic acid (M8PFOA)	98.6 %	40-130								
13C6PFDA	Surrogate: M6PFDA	97.9 %	40-130								
13C7PFUNA	Surrogate: M7PFUdA	106 %	40-130								
960315-52-0	Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)	96.6 %	40-130								



Sample Information

Client Sample ID: SB-2 12"-24"

York Sample ID: 25J1519-07

York Project (SDG) No.

25J1519

Client Project ID

HPN Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 23, 2025 1:50 am

Date Received

10/23/2025

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
13C2PFTEDA	Surrogate: M2PFTeDA	68.4 %			20-130						
13C4PFBA	Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	109 %			8-130						
13C8PFOS	Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	108 %			40-130						
13C5PFPEA	Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	105 %			35-130						
13C8FOSA	Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	102 %			40-130						
D3-NMEFOSAA	Surrogate: d3-N-MeFOSAA	105 %			40-135						
D5-NETFOSAA	Surrogate: d5-N-EtFOSAA	101 %			40-150						
M2-6:2FTS	Surrogate: M2-6:2 FTS	135 %			40-215						
M2-8:2FTS	Surrogate: M2-8:2 FTS	135 %			40-275						
13C9PFNA	Surrogate: M9PFNA	100 %			40-130						
M2-4:2FTS	Surrogate: M2-4:2 FTS	122 %			40-165						
936109-37-4	Surrogate: d-N-MeFOSA	82.2 %			10-130						
936109-40-9	Surrogate: d-N-EtFOSA	82.3 %			10-130						
M3HFPO-DA	Surrogate: M3HFPO-DA	118 %			40-130						
D9-NETPFOSA	Surrogate: d9-N-EtFOSE	58.5 %			15-130						
D7-NMEPFOSA	Surrogate: d7-N-MeFOSE	70.2 %			20-130						

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	88.8		%	0.100	1	SM 2540G Certifications: CTDPH-PH-0840	10/24/2025 14:51	10/24/2025 14:59	DD2

Sample Information

Client Sample ID: SB-2 Comp

York Sample ID: 25J1519-08

York Project (SDG) No.

25J1519

Client Project ID

HPN Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 23, 2025 2:00 am

Date Received

10/23/2025

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



Sample Information

Client Sample ID: SB-2 Comp

York Sample ID: 25J1519-08

York Project (SDG) No.

25J1519

Client Project ID

HPN Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 23, 2025 2:00 am

Date Received

10/23/2025

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	0.0444	0.0887	2	EPA 8270E Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/24/2025 09:07	10/28/2025 12:09	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0887	0.177	2	EPA 8270E Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/24/2025 09:07	10/28/2025 12:09	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/24/2025 09:07	10/28/2025 12:09	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/24/2025 09:07	10/28/2025 12:09	SS
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/24/2025 09:07	10/28/2025 12:09	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/24/2025 09:07	10/28/2025 12:09	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/24/2025 09:07	10/28/2025 12:09	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0887	0.177	2	EPA 8270E Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/24/2025 09:07	10/28/2025 12:09	SS
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/24/2025 09:07	10/28/2025 12:09	SS
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/24/2025 09:07	10/28/2025 12:09	SS
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/24/2025 09:07	10/28/2025 12:09	SS
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/24/2025 09:07	10/28/2025 12:09	SS
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0887	0.177	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/24/2025 09:07	10/28/2025 12:09	SS
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/24/2025 09:07	10/28/2025 12:09	SS
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/24/2025 09:07	10/28/2025 12:09	SS
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/24/2025 09:07	10/28/2025 12:09	SS
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/24/2025 09:07	10/28/2025 12:09	SS
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/24/2025 09:07	10/28/2025 12:09	SS
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/24/2025 09:07	10/28/2025 12:09	SS
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0887	0.177	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/24/2025 09:07	10/28/2025 12:09	SS
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/24/2025 09:07	10/28/2025 12:09	SS
65794-96-9	* 3- & 4-Methylphenols	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications: CTDPH-PH-0840	10/24/2025 09:07	10/28/2025 12:09	SS
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/24/2025 09:07	10/28/2025 12:09	SS



Sample Information

Client Sample ID: SB-2 Comp

York Sample ID: 25J1519-08

York Project (SDG) No.

25J1519

Client Project ID

HPN Env Management (JA257006)

Matrix

Soil

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10/23/2025

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	0.0887	0.177	2	EPA 8270E Certifications:	10/24/2025 09:07	10/28/2025 12:09	SS
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0887	0.177	2	EPA 8270E Certifications:	10/24/2025 09:07	10/28/2025 12:09	SS
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications:	10/24/2025 09:07	10/28/2025 12:09	SS
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications:	10/24/2025 09:07	10/28/2025 12:09	SS
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications:	10/24/2025 09:07	10/28/2025 12:09	SS
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications:	10/24/2025 09:07	10/28/2025 12:09	SS
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0887	0.177	2	EPA 8270E Certifications:	10/24/2025 09:07	10/28/2025 12:09	SS
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0887	0.177	2	EPA 8270E Certifications:	10/24/2025 09:07	10/28/2025 12:09	SS
83-32-9	Acenaphthene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications:	10/24/2025 09:07	10/28/2025 12:09	SS
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications:	10/24/2025 09:07	10/28/2025 12:09	SS
98-86-2	Acetophenone	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications:	10/24/2025 09:07	10/28/2025 12:09	SS
62-53-3	Aniline	ND		mg/kg dry	0.178	0.355	2	EPA 8270E Certifications:	10/24/2025 09:07	10/28/2025 12:09	SS
120-12-7	Anthracene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications:	10/24/2025 09:07	10/28/2025 12:09	SS
1912-24-9	Atrazine	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications:	10/24/2025 09:07	10/28/2025 12:09	SS
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications:	10/24/2025 09:07	10/28/2025 12:09	SS
92-87-5	Benzidine	ND	CAL-E	mg/kg dry	0.178	0.355	2	EPA 8270E Certifications:	10/24/2025 09:07	10/28/2025 12:09	SS
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications:	10/24/2025 09:07	10/28/2025 12:09	SS
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications:	10/24/2025 09:07	10/28/2025 12:09	SS
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications:	10/24/2025 09:07	10/28/2025 12:09	SS
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications:	10/24/2025 09:07	10/28/2025 12:09	SS
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications:	10/24/2025 09:07	10/28/2025 12:09	SS
65-85-0	Benzoic acid	ND	CAL-E, CCVE	mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications:	10/24/2025 09:07	10/28/2025 12:09	SS
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications:	10/24/2025 09:07	10/28/2025 12:09	SS



Sample Information

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York Sample ID: 25J1519-08

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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	0.0444	0.0887	2	EPA 8270E Certifications:	10/24/2025 09:07	10/28/2025 12:09	SS
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications:	10/24/2025 09:07	10/28/2025 12:09	SS
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications:	10/24/2025 09:07	10/28/2025 12:09	SS
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications:	10/24/2025 09:07	10/28/2025 12:09	SS
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications:	10/24/2025 09:07	10/28/2025 12:09	SS
105-60-2	Caprolactam	ND		mg/kg dry	0.0887	0.177	2	EPA 8270E Certifications:	10/24/2025 09:07	10/28/2025 12:09	SS
86-74-8	Carbazole	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications:	10/24/2025 09:07	10/28/2025 12:09	SS
218-01-9	Chrysene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications:	10/24/2025 09:07	10/28/2025 12:09	SS
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications:	10/24/2025 09:07	10/28/2025 12:09	SS
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications:	10/24/2025 09:07	10/28/2025 12:09	SS
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications:	10/24/2025 09:07	10/28/2025 12:09	SS
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications:	10/24/2025 09:07	10/28/2025 12:09	SS
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications:	10/24/2025 09:07	10/28/2025 12:09	SS
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications:	10/24/2025 09:07	10/28/2025 12:09	SS
122-39-4	Diphenylamine	ND		mg/kg dry	0.0887	0.177	2	EPA 8270E Certifications:	10/24/2025 09:07	10/28/2025 12:09	SS
206-44-0	Fluoranthene	0.0574	J	mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications:	10/24/2025 09:07	10/28/2025 12:09	SS
86-73-7	Fluorene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications:	10/24/2025 09:07	10/28/2025 12:09	SS
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications:	10/24/2025 09:07	10/28/2025 12:09	SS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications:	10/24/2025 09:07	10/28/2025 12:09	SS
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications:	10/24/2025 09:07	10/28/2025 12:09	SS
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications:	10/24/2025 09:07	10/28/2025 12:09	SS
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications:	10/24/2025 09:07	10/28/2025 12:09	SS
78-59-1	Isophorone	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications:	10/24/2025 09:07	10/28/2025 12:09	SS



Sample Information

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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
91-20-3	Naphthalene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY110	10/24/2025 09:07	10/28/2025 12:09	SS
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY110	10/24/2025 09:07	10/28/2025 12:09	SS
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY110	10/24/2025 09:07	10/28/2025 12:09	SS
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY110	10/24/2025 09:07	10/28/2025 12:09	SS
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY110	10/24/2025 09:07	10/28/2025 12:09	SS
87-86-5	Pentachlorophenol	ND	CAL-E, CCVE	mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY110	10/24/2025 09:07	10/28/2025 12:09	SS
85-01-8	Phenanthrene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY110	10/24/2025 09:07	10/28/2025 12:09	SS
108-95-2	Phenol	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY110	10/24/2025 09:07	10/28/2025 12:09	SS
129-00-0	Pyrene	0.0525	J	mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY110	10/24/2025 09:07	10/28/2025 12:09	SS
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	52.6 %	20-108								
13127-88-3	Surrogate: SURR: Phenol-d6	51.9 %	23-114								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	52.0 %	22-108								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	43.8 %	21-113								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	50.0 %	19-110								
1718-51-0	Surrogate: SURR: Terphenyl-d14	44.6 %	24-116								

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.4	1	EPA 8270D SIM Certifications: NYSDOH-NY10854	10/26/2025 08:55	10/28/2025 13:46	SS
Surrogate Recoveries		Result	Acceptance Range							
17647-74-4	Surrogate: 1,4-Dioxane-d8	58.0 %	39-127.5							

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	0.416	0.427	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 02:34	AM



Sample Information

Client Sample ID: SB-2 Comp

York Sample ID: 25J1519-08

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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
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.0747	0.189	1	EPA 1633A Certifications:	10/31/2025 09:37 NYSDOH-NY12058	11/03/2025 02:34	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0533	0.213	1	EPA 1633A Certifications:	10/31/2025 09:37 NYSDOH-NY12058	11/03/2025 02:34	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.117	0.213	1	EPA 1633A Certifications:	10/31/2025 09:37 NYSDOH-NY12058	11/03/2025 02:34	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0747	0.195	1	EPA 1633A Certifications:	10/31/2025 09:37 NYSDOH-NY12058	11/03/2025 02:34	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.0747	0.213	1	EPA 1633A Certifications:	10/31/2025 09:37 NYSDOH-NY12058	11/03/2025 02:34	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	0.0885	J	ug/kg dry	0.0747	0.198	1	EPA 1633A Certifications:	10/31/2025 09:37 NYSDOH-NY12058	11/03/2025 02:34	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.149	0.213	1	EPA 1633A Certifications:	10/31/2025 09:37 NYSDOH-NY12058	11/03/2025 02:34	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.0854	0.213	1	EPA 1633A Certifications:	10/31/2025 09:37 NYSDOH-NY12058	11/03/2025 02:34	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.117	0.213	1	EPA 1633A Certifications:	10/31/2025 09:37 NYSDOH-NY12058	11/03/2025 02:34	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0854	0.213	1	EPA 1633A Certifications:	10/31/2025 09:37 NYSDOH-NY12058	11/03/2025 02:34	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.117	0.213	1	EPA 1633A Certifications:	10/31/2025 09:37 NYSDOH-NY12058	11/03/2025 02:34	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.139	0.213	1	EPA 1633A Certifications:	10/31/2025 09:37 NYSDOH-NY12058	11/03/2025 02:34	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.0854	0.213	1	EPA 1633A Certifications:	10/31/2025 09:37 NYSDOH-NY12058	11/03/2025 02:34	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.533	0.533	1	EPA 1633A Certifications:	10/31/2025 09:37 NYSDOH-NY12058	11/03/2025 02:34	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.0854	0.427	1	EPA 1633A Certifications:	10/31/2025 09:37 NYSDOH-NY12058	11/03/2025 02:34	AM
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0320	0.213	1	EPA 1633A Certifications:	10/31/2025 09:37 NYSDOH-NY12058	11/03/2025 02:34	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0747	0.213	1	EPA 1633A Certifications:	10/31/2025 09:37 NYSDOH-NY12058	11/03/2025 02:34	AM
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0640	0.206	1	EPA 1633A Certifications:	10/31/2025 09:37 NYSDOH-NY12058	11/03/2025 02:34	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.192	0.811	1	EPA 1633A Certifications:	10/31/2025 09:37 NYSDOH-NY12058	11/03/2025 02:34	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.171	0.819	1	EPA 1633A Certifications:	10/31/2025 09:37 NYSDOH-NY12058	11/03/2025 02:34	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.171	0.854	1	EPA 1633A Certifications:	10/31/2025 09:37 NYSDOH-NY12058	11/03/2025 02:34	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND		ug/kg dry	0.0640	0.380	1	EPA 1633A Certifications:	10/31/2025 09:37 NYSDOH-NY12058	11/03/2025 02:34	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0427	0.427	1	EPA 1633A Certifications:	10/31/2025 09:37 NYSDOH-NY12058	11/03/2025 02:34	AM



Sample Information

Client Sample ID: SB-2 Comp

York Sample ID: 25J1519-08

York Project (SDG) No.

25J1519

Client Project ID

HPN Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 23, 2025 2:00 am

Date Received

10/23/2025

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
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.128	0.427	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 02:34	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.0747	0.201	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 02:34	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.235	0.800	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 02:34	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ug/kg dry	0.245	0.854	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 02:34	AM
763051-92-9	11CL-PF3OUdS	ND		ug/kg dry	0.235	0.807	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 02:34	AM
756426-58-1	9CL-PF3ONS	ND		ug/kg dry	0.288	0.798	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 02:34	AM
919005-14-4	ADONA	ND		ug/kg dry	0.277	0.807	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 02:34	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.160	0.207	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 02:34	AM
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.149	0.205	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 02:34	AM
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.341	1.07	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 02:34	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	0.779	5.33	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 02:34	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.00	5.33	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 02:34	AM
24448-09-7	N-MeFOSE	ND		ug/kg dry	0.779	2.13	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 02:34	AM
31506-32-8	N-MeFOSA	ND		ug/kg dry	0.139	0.213	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 02:34	AM
1691-99-2	N-EtFOSE	ND		ug/kg dry	0.491	2.13	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 02:34	AM
4151-50-2	N-EtFOSA	ND		ug/kg dry	0.0960	0.213	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 02:34	AM
Surrogate Recoveries		Result	Acceptance Range								
M3PFBS	Surrogate: M3PFBS	87.4 %	40-135								
338-30-1	Surrogate: M5PFHxA	89.7 %	40-130								
13C4PFHFA	Surrogate: M4PFHFA	88.8 %	40-130								
13C3PFHXS	Surrogate: M3PFHXS	91.7 %	40-130								
13C8PFOA	Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	86.2 %	40-130								
13C6PFDA	Surrogate: M6PFDA	87.2 %	40-130								
13C7PFUNA	Surrogate: M7PFUDA	87.2 %	40-130								
960315-52-0	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	73.9 %	40-130								



Sample Information

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October 23, 2025 2:00 am

Date Received

10/23/2025

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
13C2PFTEDA	Surrogate: M2PFTEDA	61.1 %			20-130						
13C4PFBA	Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	88.5 %			8-130						
13C8PFOS	Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	97.0 %			40-130						
13C5PFPEA	Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	85.6 %			35-130						
13C8FOSA	Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	89.5 %			40-130						
D3-NMEFOSAA	Surrogate: d3-N-MeFOSAA	74.4 %			40-135						
D5-NETFOSAA	Surrogate: d5-N-EtFOSAA	78.8 %			40-150						
M2-6:2FTS	Surrogate: M2-6:2 FTS	99.2 %			40-215						
M2-8:2FTS	Surrogate: M2-8:2 FTS	91.3 %			40-275						
13C9PFNA	Surrogate: M9PFNA	86.8 %			40-130						
M2-4:2FTS	Surrogate: M2-4:2 FTS	93.0 %			40-165						
936109-37-4	Surrogate: d-N-MeFOSA	62.1 %			10-130						
936109-40-9	Surrogate: d-N-EtFOSA	58.3 %			10-130						
M3HFPO-DA	Surrogate: M3HFPO-DA	90.5 %			40-130						
D9-NETPFOSA	Surrogate: d9-N-EtFOSE	60.6 %			15-130						
D7-NMEPFOSA	Surrogate: d7-N-MeFOSE	58.6 %			20-130						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/24/2025 11:24	10/24/2025 23:54	GXB
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/24/2025 11:24	10/24/2025 23:54	GXB
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/24/2025 11:24	10/24/2025 23:54	GXB
309-00-2	Aldrin	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/24/2025 11:24	10/24/2025 23:54	GXB
319-84-6	alpha-BHC	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/24/2025 11:24	10/24/2025 23:54	GXB
319-85-7	beta-BHC	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/24/2025 11:24	10/24/2025 23:54	GXB
319-86-8	delta-BHC	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/24/2025 11:24	10/24/2025 23:54	GXB
60-57-1	Dieldrin	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/24/2025 11:24	10/24/2025 23:54	GXB
959-98-8	Endosulfan I	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/24/2025 11:24	10/24/2025 23:54	GXB



Sample Information

Client Sample ID: SB-2 Comp

York Sample ID: 25J1519-08

York Project (SDG) No.

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October 23, 2025 2:00 am

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PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854	10/24/2025 11:24	10/24/2025 23:54	GXB
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/24/2025 11:24	10/24/2025 23:54	GXB
72-20-8	Endrin	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/24/2025 11:24	10/24/2025 23:54	GXB
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/24/2025 11:24	10/24/2025 23:54	GXB
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/24/2025 11:24	10/24/2025 23:54	GXB
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/24/2025 11:24	10/24/2025 23:54	GXB
76-44-8	Heptachlor	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/24/2025 11:24	10/24/2025 23:54	GXB
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/24/2025 11:24	10/24/2025 23:54	GXB
72-43-5	Methoxychlor	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/24/2025 11:24	10/24/2025 23:54	GXB
8001-35-2	Toxaphene	ND		mg/kg dry	0.174	5	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/24/2025 11:24	10/24/2025 23:54	GXB
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0349	5	EPA 8081B Certifications:	10/24/2025 11:24	10/24/2025 23:54	GXB
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	40.5 %					30-150			
877-09-8	Surrogate: Tetrachloro-m-xylene	39.7 %					30-150			

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0176	1	EPA 8082A Certifications: NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0	10/24/2025 11:24	10/25/2025 14:03	NF
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0176	1	EPA 8082A Certifications: NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0	10/24/2025 11:24	10/25/2025 14:03	NF
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0176	1	EPA 8082A Certifications: NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0	10/24/2025 11:24	10/25/2025 14:03	NF
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0176	1	EPA 8082A Certifications: NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0	10/24/2025 11:24	10/25/2025 14:03	NF
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0176	1	EPA 8082A Certifications: NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0	10/24/2025 11:24	10/25/2025 14:03	NF
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0176	1	EPA 8082A Certifications: NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0	10/24/2025 11:24	10/25/2025 14:03	NF
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0176	1	EPA 8082A Certifications: NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0	10/24/2025 11:24	10/25/2025 14:03	NF



Sample Information

Client Sample ID: SB-2 Comp

York Sample ID: 25J1519-08

York Project (SDG) No.

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October 23, 2025 2:00 am

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PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0176	1	EPA 8082A Certifications:	10/24/2025 11:24	10/25/2025 14:03	NF
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	34.5 %		30-120						
2051-24-3	Surrogate: Decachlorobiphenyl	49.0 %		30-120						

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/kg dry	21.3	1	EPA 8151A Certifications:	10/26/2025 08:00	10/28/2025 11:37	gxb
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	21.3	1	EPA 8151A Certifications:	10/26/2025 08:00	10/28/2025 11:37	gxb
94-75-7	2,4-D	ND		ug/kg dry	21.3	1	EPA 8151A Certifications:	10/26/2025 08:00	10/28/2025 11:37	gxb
Surrogate Recoveries		Result		Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	134 %		21-150						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	21800		mg/kg dry	4.44	1	EPA 6010D Certifications:	10/27/2025 14:38	10/28/2025 10:53	AGNR
7440-36-0	Antimony	ND		mg/kg dry	2.22	1	EPA 6010D Certifications:	10/27/2025 14:38	10/28/2025 10:53	AGNR
7440-38-2	Arsenic	ND		mg/kg dry	1.33	1	EPA 6010D Certifications:	10/27/2025 14:38	10/28/2025 10:53	AGNR
7440-39-3	Barium	226		mg/kg dry	2.22	1	EPA 6010D Certifications:	10/27/2025 14:38	10/28/2025 10:53	AGNR
7440-41-7	Beryllium	ND		mg/kg dry	0.045	1	EPA 6010D Certifications:	10/27/2025 14:38	10/28/2025 10:53	AGNR
7440-43-9	Cadmium	0.267		mg/kg dry	0.267	1	EPA 6010D Certifications:	10/27/2025 14:38	10/28/2025 10:53	AGNR
7440-70-2	Calcium	1770		mg/kg dry	4.45	1	EPA 6010D Certifications:	10/27/2025 14:38	10/28/2025 10:53	AGNR
7440-47-3	Chromium	38.2		mg/kg dry	0.445	1	EPA 6010D Certifications:	10/27/2025 14:38	10/28/2025 10:53	AGNR
7440-48-4	Cobalt	25.0		mg/kg dry	0.355	1	EPA 6010D Certifications:	10/27/2025 14:38	10/28/2025 10:53	AGNR



Sample Information

Client Sample ID: SB-2 Comp			York Sample ID: 25J1519-08		
York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received	
25J1519	HPN Env Management (JA257006)	Soil	October 23, 2025 2:00 am	10/23/2025	

Metals, Target Analyte	Log-in Notes:	Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	46.2		mg/kg dry	1.78	1	EPA 6010D	10/27/2025 14:38	10/28/2025 10:53	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7439-89-6	Iron	39400		mg/kg dry	22.2	1	EPA 6010D	10/27/2025 14:38	10/28/2025 10:53	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7439-92-1	Lead	4.91		mg/kg dry	0.445	1	EPA 6010D	10/27/2025 14:38	10/28/2025 10:53	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7439-95-4	Magnesium	8670		mg/kg dry	4.45	1	EPA 6010D	10/27/2025 14:38	10/28/2025 10:53	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7439-96-5	Manganese	244		mg/kg dry	0.445	1	EPA 6010D	10/27/2025 14:38	10/28/2025 10:53	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-02-0	Nickel	30.7		mg/kg dry	0.886	1	EPA 6010D	10/27/2025 14:38	10/28/2025 10:53	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-09-7	Potassium	15700		mg/kg dry	4.45	1	EPA 6010D	10/27/2025 14:38	10/28/2025 10:53	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7782-49-2	Selenium	ND		mg/kg dry	2.22	1	EPA 6010D	10/27/2025 14:38	10/28/2025 10:53	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-22-4	Silver	ND		mg/kg dry	0.448	1	EPA 6010D	10/27/2025 14:38	10/28/2025 10:53	AGNR
							Certifications:	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-23-5	Sodium	144		mg/kg dry	44.5	1	EPA 6010D	10/27/2025 14:38	10/28/2025 10:53	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-28-0	Thallium	ND		mg/kg dry	1.78	1	EPA 6010D	10/27/2025 14:38	10/28/2025 10:53	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-62-2	Vanadium	55.1		mg/kg dry	0.886	1	EPA 6010D	10/27/2025 14:38	10/28/2025 10:53	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-66-6	Zinc	88.3		mg/kg dry	2.21	1	EPA 6010D	10/27/2025 14:38	10/28/2025 10:53	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		

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	0.0320	1	EPA 7473	10/27/2025 08:38	10/27/2025 13:50	JWT
							Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440,CTDPH-PH-0840		

Total Solids	Log-in Notes:	Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	93.7		%	0.100	1	SM 2540G	10/27/2025 08:19	10/27/2025 09:55	CD
							Certifications:	CTDPH-PH-0840		

Analyzed by: Phoenix Environmental Labs, Inc.



Sample Information

Client Sample ID: SB-2 Comp

York Sample ID: 25J1519-08

York Project (SDG) No.

25J1519

Client Project ID

HPN Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 23, 2025 2:00 am

Date Received

10/23/2025

Analyzed by: Phoenix Environmental Labs, Inc.

SW8260D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SW8260D

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		mg/Kg	0.018	1	SW8260D Certifications: NY-11301	10/23/2025 02:00	10/28/2025 03:14	CT007
71-55-6	1,1,1-Trichloroethane	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/23/2025 02:00	10/28/2025 03:14	CT007
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/23/2025 02:00	10/28/2025 03:14	CT007
79-00-5	1,1,2-Trichloroethane	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/23/2025 02:00	10/28/2025 03:14	CT007
75-34-3	1,1-Dichloroethane	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/23/2025 02:00	10/28/2025 03:14	CT007
75-35-4	1,1-Dichloroethene	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/23/2025 02:00	10/28/2025 03:14	CT007
87-61-6	1,2,3-Trichlorobenzene	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/23/2025 02:00	10/28/2025 03:14	CT007
96-18-4	1,2,3-Trichloropropane	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/23/2025 02:00	10/28/2025 03:14	CT007
120-82-1	1,2,4-Trichlorobenzene	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/23/2025 02:00	10/28/2025 03:14	CT007
95-63-6	1,2,4-Trimethylbenzene	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/23/2025 02:00	10/28/2025 03:14	CT007
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/23/2025 02:00	10/28/2025 03:14	CT007
106-93-4	1,2-Dibromoethane	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/23/2025 02:00	10/28/2025 03:14	CT007
95-50-1	1,2-Dichlorobenzene	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/23/2025 02:00	10/28/2025 03:14	CT007
107-06-2	1,2-Dichloroethane	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/23/2025 02:00	10/28/2025 03:14	CT007
78-87-5	1,2-Dichloropropane	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/23/2025 02:00	10/28/2025 03:14	CT007
108-67-8	1,3,5-Trimethylbenzene	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/23/2025 02:00	10/28/2025 03:14	CT007
541-73-1	1,3-Dichlorobenzene	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/23/2025 02:00	10/28/2025 03:14	CT007
106-46-7	1,4-Dichlorobenzene	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/23/2025 02:00	10/28/2025 03:14	CT007
591-78-6	2-Hexanone	ND		mg/Kg	0.022	1	SW8260D Certifications: NY-11301	10/23/2025 02:00	10/28/2025 03:14	CT007
108-10-1	4-Methyl-2-pentanone	ND		mg/Kg	0.022	1	SW8260D Certifications: NY-11301	10/23/2025 02:00	10/28/2025 03:14	CT007
67-64-1	Acetone	ND		mg/Kg	0.044	1	SW8260D Certifications: NY-11301	10/23/2025 02:00	10/28/2025 03:14	CT007
107-02-8	Acrolein	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/23/2025 02:00	10/28/2025 03:14	CT007



Sample Information

Client Sample ID: SB-2 Comp

York Sample ID: 25J1519-08

York Project (SDG) No.

25J1519

Client Project ID

HPN Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 23, 2025 2:00 am

Date Received

10/23/2025

Analyzed by: Phoenix Environmental Labs, Inc.

SW8260D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-13-1	Acrylonitrile	ND		mg/Kg	0.018	1	SW8260D Certifications: NY-11301	10/23/2025 02:00	10/28/2025 03:14	CT007
71-43-2	Benzene	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/23/2025 02:00	10/28/2025 03:14	CT007
74-97-5	Bromochloromethane	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/23/2025 02:00	10/28/2025 03:14	CT007
75-27-4	Bromodichloromethane	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/23/2025 02:00	10/28/2025 03:14	CT007
75-25-2	Bromoform	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/23/2025 02:00	10/28/2025 03:14	CT007
74-83-9	Bromomethane	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/23/2025 02:00	10/28/2025 03:14	CT007
75-15-0	Carbon Disulfide	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/23/2025 02:00	10/28/2025 03:14	CT007
56-23-5	Carbon tetrachloride	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/23/2025 02:00	10/28/2025 03:14	CT007
108-90-7	Chlorobenzene	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/23/2025 02:00	10/28/2025 03:14	CT007
75-00-3	Chloroethane	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/23/2025 02:00	10/28/2025 03:14	CT007
67-66-3	Chloroform	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/23/2025 02:00	10/28/2025 03:14	CT007
74-87-3	Chloromethane	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/23/2025 02:00	10/28/2025 03:14	CT007
156-59-2	cis-1,2-Dichloroethene	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/23/2025 02:00	10/28/2025 03:14	CT007
10061-01-5	cis-1,3-Dichloropropene	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/23/2025 02:00	10/28/2025 03:14	CT007
110-82-7	Cyclohexane	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/23/2025 02:00	10/28/2025 03:14	CT007
124-48-1	Dibromochloromethane	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/23/2025 02:00	10/28/2025 03:14	CT007
74-95-3	Dibromomethane	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/23/2025 02:00	10/28/2025 03:14	CT007
75-71-8	Dichlorodifluoromethane	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/23/2025 02:00	10/28/2025 03:14	CT007
100-41-4	Ethylbenzene	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/23/2025 02:00	10/28/2025 03:14	CT007
87-68-3	Hexachlorobutadiene	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/23/2025 02:00	10/28/2025 03:14	CT007
98-82-8	Isopropylbenzene	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/23/2025 02:00	10/28/2025 03:14	CT007
179601-23-1	m&p-Xylene	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/23/2025 02:00	10/28/2025 03:14	CT007
78-93-3	Methyl ethyl ketone	ND		mg/Kg	0.026	1	SW8260D Certifications: NY-11301	10/23/2025 02:00	10/28/2025 03:14	CT007



Sample Information

Client Sample ID: SB-2 Comp

York Sample ID: 25J1519-08

York Project (SDG) No.

25J1519

Client Project ID

HPN Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 23, 2025 2:00 am

Date Received

10/23/2025

Analyzed by: Phoenix Environmental Labs, Inc.

SW8260D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl t-butyl ether (MTBE)	ND		mg/Kg	0.0088	1	SW8260D Certifications: NY-11301	10/23/2025 02:00	10/28/2025 03:14	CT007
79-20-9	Methylacetate	ND		mg/Kg	0.044	1	SW8260D Certifications: NY-11301	10/23/2025 02:00	10/28/2025 03:14	CT007
108-87-2	Methylcyclohexane	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/23/2025 02:00	10/28/2025 03:14	CT007
75-09-2	Methylene chloride	ND		mg/Kg	0.022	1	SW8260D Certifications: NY-11301	10/23/2025 02:00	10/28/2025 03:14	CT007
104-51-8	n-Butylbenzene	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/23/2025 02:00	10/28/2025 03:14	CT007
103-65-1	n-Propylbenzene	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/23/2025 02:00	10/28/2025 03:14	CT007
95-47-6	o-Xylene	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/23/2025 02:00	10/28/2025 03:14	CT007
99-87-6	p-Isopropyltoluene	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/23/2025 02:00	10/28/2025 03:14	CT007
135-98-8	sec-Butylbenzene	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/23/2025 02:00	10/28/2025 03:14	CT007
100-42-5	Styrene	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/23/2025 02:00	10/28/2025 03:14	CT007
75-65-0	Tert-butyl alcohol	ND		mg/Kg	0.088	1	SW8260D Certifications: NY-11301	10/23/2025 02:00	10/28/2025 03:14	CT007
98-06-6	tert-Butylbenzene	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/23/2025 02:00	10/28/2025 03:14	CT007
127-18-4	Tetrachloroethene	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/23/2025 02:00	10/28/2025 03:14	CT007
108-88-3	Toluene	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/23/2025 02:00	10/28/2025 03:14	CT007
1330-20-7	Total Xylenes	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/23/2025 02:00	10/28/2025 03:14	CT007
156-60-5	trans-1,2-Dichloroethene	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/23/2025 02:00	10/28/2025 03:14	CT007
10061-02-6	trans-1,3-Dichloropropene	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/23/2025 02:00	10/28/2025 03:14	CT007
110-57-6	trans-1,4-dichloro-2-butene	ND		mg/Kg	0.0088	1	SW8260D Certifications: NY-11301	10/23/2025 02:00	10/28/2025 03:14	CT007
79-01-6	Trichloroethene	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/23/2025 02:00	10/28/2025 03:14	CT007
75-69-4	Trichlorofluoromethane	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/23/2025 02:00	10/28/2025 03:14	CT007
76-13-1	Trichlorotrifluoroethane	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/23/2025 02:00	10/28/2025 03:14	CT007
75-01-4	Vinyl chloride	ND		mg/Kg	0.0044	1	SW8260D Certifications: NY-11301	10/23/2025 02:00	10/28/2025 03:14	CT007

Surrogate Recoveries

Result

Acceptance Range



Sample Information

Client Sample ID: SB-2 Comp

York Sample ID: 25J1519-08

York Project (SDG) No.

25J1519

Client Project ID

HPN Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 23, 2025 2:00 am

Date Received

10/23/2025

Analyzed by: Phoenix Environmental Labs, Inc.

SW8260D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2199-69-1	Surrogate: % 1,2-dichlorobenzene-d4	95 %								
460-00-4	Surrogate: % Bromofluorobenzene	101 %								
1868-53-7	Surrogate: % Dibromofluoromethane	99 %								
2037-26-5	Surrogate: % Toluene-d8	93 %								

SW846-%Solid

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SW846-%Solid

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
PHNX - PCTSOI	Percent Solid	96		%		1	SW846-%Solid Certifications: NY-11301	10/23/2025 02:00	10/27/2025 23:30	CT007

Sample Information

Client Sample ID: SB-3 0''-2''

York Sample ID: 25J1519-09

York Project (SDG) No.

25J1519

Client Project ID

HPN Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 23, 2025 2:25 am

Date Received

10/23/2025

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		ug/kg dry	0.525	0.539	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:54	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	0.0943	0.238	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:54	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0673	0.269	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:54	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.148	0.269	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:54	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0943	0.246	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:54	AM



Sample Information

Client Sample ID: SB-3 0"-2"

York Sample ID: 25J1519-09

York Project (SDG) No.

25J1519

Client Project ID

HPN Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 23, 2025 2:25 am

Date Received

10/23/2025

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
335-67-1	Perfluorooctanoic acid (PFOA)	0.321		ug/kg dry	0.0943	0.269	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:54	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	1.26		ug/kg dry	0.0943	0.250	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:54	AM
375-95-1	Perfluorononanoic acid (PFNA)	0.203	J	ug/kg dry	0.189	0.269	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:54	AM
335-76-2	Perfluorodecanoic acid (PFDA)	0.188	J	ug/kg dry	0.108	0.269	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:54	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	0.300		ug/kg dry	0.148	0.269	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:54	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	0.110	J	ug/kg dry	0.108	0.269	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:54	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.148	0.269	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:54	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.175	0.269	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:54	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.108	0.269	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:54	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.673	0.673	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:54	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.108	0.539	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:54	AM
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0404	0.269	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:54	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0943	0.269	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:54	AM
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0808	0.260	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:54	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.242	1.02	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:54	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.215	1.03	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:54	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.215	1.08	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:54	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEA)	ND		ug/kg dry	0.0808	0.479	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:54	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0539	0.539	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:54	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.162	0.539	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:54	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.0943	0.253	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:54	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.296	1.01	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:54	AM



Sample Information

Client Sample ID: SB-3 0''-2''

York Sample ID: 25J1519-09

York Project (SDG) No.

25J1519

Client Project ID

HPN Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 23, 2025 2:25 am

Date Received

10/23/2025

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
13252-13-6	HFPO-DA (Gen-X)	ND		ug/kg dry	0.310	1.08	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:54	AM
763051-92-9	11CL-PF3OUdS	ND		ug/kg dry	0.296	1.02	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:54	AM
756426-58-1	9CL-PF3ONS	ND		ug/kg dry	0.364	1.01	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:54	AM
919005-14-4	ADONA	ND		ug/kg dry	0.350	1.02	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:54	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.202	0.261	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:54	AM
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.189	0.259	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:54	AM
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.431	1.35	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:54	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	0.983	6.73	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:54	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.27	6.73	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:54	AM
24448-09-7	N-MeFOSE	ND		ug/kg dry	0.983	2.69	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:54	AM
31506-32-8	N-MeFOSA	ND		ug/kg dry	0.175	0.269	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:54	AM
1691-99-2	N-EtFOSE	ND		ug/kg dry	0.619	2.69	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:54	AM
4151-50-2	N-EtFOSA	ND		ug/kg dry	0.121	0.269	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 11:54	AM

Surrogate Recoveries		Result	Acceptance Range
M3PFBS	Surrogate: M3PFBS	108 %	40-135
338-30-1	Surrogate: M5PFHxA	103 %	40-130
13C4PFHPA	Surrogate: M4PFHpA	79.9 %	40-130
13C3PFHXS	Surrogate: M3PFHxS	103 %	40-130
13C8PFOA	Surrogate: Perfluoro-n- [13C8]octanoic acid (M8PFOA)	103 %	40-130
13C6PFDA	Surrogate: M6PFDA	101 %	40-130
13C7PFUNA	Surrogate: M7PFUdA	104 %	40-130
960315-52-0	Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)	95.5 %	40-130
13C2PFTEDA	Surrogate: M2PFTeDA	93.7 %	20-130
13C4PFBA	Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	109 %	8-130
13C8PFOS	Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	99.2 %	40-130
13C5PFPEA	Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	100 %	35-130



Sample Information

Client Sample ID: SB-3 0"-2"

York Sample ID: 25J1519-09

York Project (SDG) No.

25J1519

Client Project ID

HPN Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 23, 2025 2:25 am

Date Received

10/23/2025

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
13C8FOSA	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	93.1 %			40-130						
D3-NMEFOSAA	Surrogate: d3-N-MeFOSAA	101 %			40-135						
D5-NETFOSAA	Surrogate: d5-N-EtFOSAA	118 %			40-150						
M2-6:2FTS	Surrogate: M2-6:2 FTS	132 %			40-215						
M2-8:2FTS	Surrogate: M2-8:2 FTS	137 %			40-275						
13C9PFNA	Surrogate: M9PFNA	117 %			40-130						
M2-4:2FTS	Surrogate: M2-4:2 FTS	136 %			40-165						
936109-37-4	Surrogate: d-N-MeFOSA	80.3 %			10-130						
936109-40-9	Surrogate: d-N-EtFOSA	80.3 %			10-130						
M3HFPO-DA	Surrogate: M3HFPO-DA	111 %			40-130						
D9-NETPFOSAI	Surrogate: d9-N-EtFOSE	69.8 %			15-130						
D7-NMEPFOSA	Surrogate: d7-N-MeFOSE	87.6 %			20-130						

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	74.3		%	0.100	1	SM 2540G	10/24/2025 14:51	10/24/2025 14:59	DD2
							Certifications:	CTDPH-PH-0840		

Sample Information

Client Sample ID: SB-3 2"-12"

York Sample ID: 25J1519-10

York Project (SDG) No.

25J1519

Client Project ID

HPN Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 23, 2025 2:25 am

Date Received

10/23/2025

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-dioxahexanoic acid (NFDHA)	ND		ug/kg dry	0.444	0.455	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:08	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



Sample Information

Client Sample ID: SB-3 2"-12"

York Sample ID: 25J1519-10

York Project (SDG) No.

25J1519

Client Project ID

HPN Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 23, 2025 2:25 am

Date Received

10/23/2025

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		ug/kg dry	0.0796	0.201	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:08	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0569	0.228	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:08	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.125	0.228	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:08	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0796	0.208	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:08	AM
335-67-1	Perfluorooctanoic acid (PFOA)	0.315		ug/kg dry	0.0796	0.228	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:08	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	0.562		ug/kg dry	0.0796	0.212	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:08	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.159	0.228	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:08	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.0910	0.228	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:08	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.125	0.228	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:08	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0910	0.228	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:08	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.125	0.228	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:08	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.148	0.228	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:08	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.0910	0.228	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:08	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.569	0.569	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:08	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.0910	0.455	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:08	AM
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0341	0.228	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:08	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0796	0.228	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:08	AM
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0683	0.220	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:08	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.205	0.865	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:08	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.182	0.874	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:08	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.182	0.910	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:08	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND		ug/kg dry	0.0683	0.405	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:08	AM



Sample Information

Client Sample ID: SB-3 2"-12"

York Sample ID: 25J1519-10

York Project (SDG) No.

25J1519

Client Project ID

HPN Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 23, 2025 2:25 am

Date Received

10/23/2025

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
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0455	0.455	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:08	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.137	0.455	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:08	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.0796	0.214	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:08	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.250	0.853	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:08	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ug/kg dry	0.262	0.910	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:08	AM
763051-92-9	11CL-PF3OUdS	ND		ug/kg dry	0.250	0.860	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:08	AM
756426-58-1	9CL-PF3ONS	ND		ug/kg dry	0.307	0.851	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:08	AM
919005-14-4	ADONA	ND		ug/kg dry	0.296	0.860	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:08	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.171	0.221	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:08	AM
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.159	0.218	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:08	AM
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.364	1.14	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:08	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	0.831	5.69	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:08	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.07	5.69	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:08	AM
24448-09-7	N-MeFOSE	ND		ug/kg dry	0.831	2.28	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:08	AM
31506-32-8	N-MeFOSA	ND		ug/kg dry	0.148	0.228	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:08	AM
1691-99-2	N-EtFOSE	ND		ug/kg dry	0.523	2.28	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:08	AM
4151-50-2	N-EtFOSA	ND		ug/kg dry	0.102	0.228	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:08	AM
Surrogate Recoveries		Result	Acceptance Range								
M3PFBS	Surrogate: M3PFBS	109 %	40-135								
338-30-1	Surrogate: M5PFHxA	102 %	40-130								
13C4PFHPA	Surrogate: M4PFHpA	85.2 %	40-130								
13C3PFHXS	Surrogate: M3PFHxS	105 %	40-130								
13C8PFOA	Surrogate: Perfluoro-n- [13C8]octanoic acid (M8PFOA)	91.5 %	40-130								
13C6PFDA	Surrogate: M6PFDA	111 %	40-130								
13C7PFUNA	Surrogate: M7PFUDA	103 %	40-130								



Sample Information

Client Sample ID: SB-3 2''-12''

York Sample ID: 25J1519-10

York Project (SDG) No.

25J1519

Client Project ID

HPN Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 23, 2025 2:25 am

Date Received

10/23/2025

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
960315-52-0	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	95.6 %			40-130						
13C2PFTEDA	Surrogate: M2PFTeDA	68.9 %			20-130						
13C4PFBA	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	104 %			8-130						
13C8PFOS	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	103 %			40-130						
13C5PFPEA	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	99.4 %			35-130						
13C8FOSA	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	98.9 %			40-130						
D3-NMEFOSAA	Surrogate: d3-N-MeFOSAA	95.4 %			40-135						
D5-NETFOSAA	Surrogate: d5-N-EtFOSAA	99.6 %			40-150						
M2-6:2FTS	Surrogate: M2-6:2 FTS	125 %			40-215						
M2-8:2FTS	Surrogate: M2-8:2 FTS	109 %			40-275						
13C9PFNA	Surrogate: M9PFNA	104 %			40-130						
M2-4:2FTS	Surrogate: M2-4:2 FTS	116 %			40-165						
936109-37-4	Surrogate: d-N-MeFOSA	72.7 %			10-130						
936109-40-9	Surrogate: d-N-EtFOSA	80.0 %			10-130						
M3HFPO-DA	Surrogate: M3HFPO-DA	115 %			40-130						
D9-NETPFOSA	Surrogate: d9-N-EtFOSE	54.1 %			15-130						
D7-NMEPFOSA	Surrogate: d7-N-MeFOSE	63.8 %			20-130						

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	87.9		%	0.100	1	SM 2540G	10/24/2025 14:51	10/24/2025 14:59	DD2
							Certifications:	CTDPH-PH-0840		

Sample Information

Client Sample ID: SB-3 12''-24''

York Sample ID: 25J1519-11

York Project (SDG) No.

25J1519

Client Project ID

HPN Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 23, 2025 2:25 am

Date Received

10/23/2025

Q P PFAS, EPA 1633a NFDHA

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: SB-3 12"-24"

York Sample ID: 25J1519-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25J1519

HPN Env Management (JA257006)

Soil

October 23, 2025 2:25 am

10/23/2025

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		ug/kg dry	0.427	0.438	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:22	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	0.0767	0.194	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:22	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0548	0.219	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:22	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.120	0.219	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:22	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0767	0.200	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:22	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.0767	0.219	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:22	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.0767	0.204	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:22	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.153	0.219	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:22	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.0876	0.219	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:22	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.120	0.219	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:22	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0876	0.219	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:22	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.120	0.219	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:22	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.142	0.219	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:22	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.0876	0.219	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:22	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.548	0.548	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:22	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.0876	0.438	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:22	AM
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0329	0.219	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:22	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0767	0.219	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:22	AM
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0657	0.211	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:22	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.197	0.832	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:22	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.175	0.841	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:22	AM



Sample Information

Client Sample ID: SB-3 12"-24"

York Sample ID: 25J1519-11

York Project (SDG) No.

25J1519

Client Project ID

HPN Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 23, 2025 2:25 am

Date Received

10/23/2025

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
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.175	0.876	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:22	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEA)	ND		ug/kg dry	0.0657	0.390	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:22	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0438	0.438	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:22	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.131	0.438	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:22	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.0767	0.206	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:22	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.241	0.822	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:22	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ug/kg dry	0.252	0.876	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:22	AM
763051-92-9	11CL-PF3OUdS	ND		ug/kg dry	0.241	0.828	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:22	AM
756426-58-1	9CL-PF3ONS	ND		ug/kg dry	0.296	0.819	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:22	AM
919005-14-4	ADONA	ND		ug/kg dry	0.285	0.828	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:22	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.164	0.212	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:22	AM
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.153	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:22	AM
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.351	1.10	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:22	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	0.800	5.48	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:22	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.03	5.48	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:22	AM
24448-09-7	N-MeFOSE	ND		ug/kg dry	0.800	2.19	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:22	AM
31506-32-8	N-MeFOSA	ND		ug/kg dry	0.142	0.219	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:22	AM
1691-99-2	N-EtFOSE	ND		ug/kg dry	0.504	2.19	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:22	AM
4151-50-2	N-EtFOSA	ND		ug/kg dry	0.0986	0.219	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:22	AM
Surrogate Recoveries		Result	Acceptance Range								
M3PFBS	Surrogate: M3PFBS	104 %	40-135								
338-30-1	Surrogate: M5PFHxA	106 %	40-130								
13C4PFHPA	Surrogate: M4PFHpA	88.8 %	40-130								
13C3PFHXS	Surrogate: M3PFHxS	103 %	40-130								



Sample Information

Client Sample ID: SB-3 12"-24"

York Sample ID: 25J1519-11

York Project (SDG) No.

25J1519

Client Project ID

HPN Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 23, 2025 2:25 am

Date Received

10/23/2025

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
13C8PFOA	Surrogate: Perfluoro-n- [13C8]octanoic acid (M8PFOA)	98.5 %			40-130						
13C6PFDA	Surrogate: M6PFDA	99.5 %			40-130						
13C7PFUNA	Surrogate: M7PFUdA	92.8 %			40-130						
960315-52-0	Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)	83.1 %			40-130						
13C2PFTEDA	Surrogate: M2PFTeDA	78.7 %			20-130						
13C4PFBA	Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	107 %			8-130						
13C8PFOS	Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	109 %			40-130						
13C5PFPEA	Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	102 %			35-130						
13C8FOSA	Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	114 %			40-130						
D3-NMEFOSAA	Surrogate: d3-N-MeFOSAA	91.5 %			40-135						
D5-NETFOSAA	Surrogate: d5-N-EtFOSAA	93.2 %			40-150						
M2-6:2FTS	Surrogate: M2-6:2 FTS	111 %			40-215						
M2-8:2FTS	Surrogate: M2-8:2 FTS	104 %			40-275						
13C9PFNA	Surrogate: M9PFNA	103 %			40-130						
M2-4:2FTS	Surrogate: M2-4:2 FTS	122 %			40-165						
936109-37-4	Surrogate: d-N-MeFOSA	80.3 %			10-130						
936109-40-9	Surrogate: d-N-EtFOSA	77.9 %			10-130						
M3HFPO-DA	Surrogate: M3HFPO-DA	118 %			40-130						
D9-NETPFOSAI	Surrogate: d9-N-EtFOSE	71.6 %			15-130						
D7-NMEPFOSA	Surrogate: d7-N-MeFOSE	84.2 %			20-130						

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	91.3		%	0.100	1	SM 2540G	10/24/2025 14:51	10/24/2025 14:59	DD2
Certifications: CTDPH-PH-0840										

Sample Information

Client Sample ID: Dupe (PFAS)

York Sample ID: 25J1519-12

York Project (SDG) No.

25J1519

Client Project ID

HPN Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 23, 2025 12:00 am

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Sample Information

Client Sample ID: Dupe (PFAS)

York Sample ID: 25J1519-12

York Project (SDG) No.

25J1519

Client Project ID

HPN Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 23, 2025 12:00 am

Date Received

10/23/2025

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		ug/kg dry	0.426	0.437	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:51	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	0.0765	0.193	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:51	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0547	0.219	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:51	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.120	0.219	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:51	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0765	0.200	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:51	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.0765	0.219	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:51	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.0765	0.203	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:51	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.153	0.219	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:51	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.0874	0.219	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:51	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.120	0.219	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:51	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0874	0.219	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:51	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.120	0.219	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:51	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.142	0.219	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:51	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.0874	0.219	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:51	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.547	0.547	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:51	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.0874	0.437	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:51	AM
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0328	0.219	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:51	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0765	0.219	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:51	AM
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0656	0.211	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:51	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.197	0.831	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:51	AM



Sample Information

Client Sample ID: Dupe (PFAS)

York Sample ID: 25J1519-12

York Project (SDG) No.

25J1519

Client Project ID

HPN Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 23, 2025 12:00 am

Date Received

10/23/2025

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
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.175	0.840	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:51	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.175	0.874	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:51	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.0656	0.389	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:51	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0437	0.437	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:51	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.131	0.437	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:51	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.0765	0.206	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:51	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.240	0.820	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:51	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ug/kg dry	0.251	0.874	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:51	AM
763051-92-9	11CL-PF3OUdS	ND		ug/kg dry	0.240	0.826	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:51	AM
756426-58-1	9CL-PF3ONS	ND		ug/kg dry	0.295	0.818	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:51	AM
919005-14-4	ADONA	ND		ug/kg dry	0.284	0.826	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:51	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.164	0.212	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:51	AM
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.153	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:51	AM
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.350	1.09	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:51	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	0.798	5.47	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:51	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.03	5.47	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:51	AM
24448-09-7	N-MeFOSE	ND		ug/kg dry	0.798	2.19	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:51	AM
31506-32-8	N-MeFOSA	ND		ug/kg dry	0.142	0.219	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:51	AM
1691-99-2	N-EtFOSE	ND		ug/kg dry	0.503	2.19	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:51	AM
4151-50-2	N-EtFOSA	ND		ug/kg dry	0.0984	0.219	1	EPA 1633A Certifications: NYSDOH-NY12058	10/26/2025 09:06	10/31/2025 12:51	AM
Surrogate Recoveries		Result	Acceptance Range								
M3PFBS	Surrogate: M3PFBS	94.1 %	40-135								
338-30-1	Surrogate: M5PFHxA	103 %	40-130								



Sample Information

Client Sample ID: Dupe (PFAS)

York Sample ID: 25J1519-12

York Project (SDG) No.

25J1519

Client Project ID

HPN Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 23, 2025 12:00 am

Date Received

10/23/2025

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
13C4PFHPA	Surrogate: M4PFHPA	78.9 %			40-130						
13C3PFHXS	Surrogate: M3PFHXS	89.8 %			40-130						
13C8PFOA	Surrogate: Perfluoro-n- [13C8]octanoic acid (M8PFOA)	91.6 %			40-130						
13C6PFDA	Surrogate: M6PFDA	91.2 %			40-130						
13C7PFUNA	Surrogate: M7PFUdA	93.8 %			40-130						
960315-52-0	Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)	89.5 %			40-130						
13C2PFTEDA	Surrogate: M2PFTeDA	83.1 %			20-130						
13C4PFBA	Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	104 %			8-130						
13C8PFOS	Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	91.7 %			40-130						
13C5PFPEA	Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	98.7 %			35-130						
13C8FOSA	Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	101 %			40-130						
D3-NMEFOSAA	Surrogate: d3-N-MeFOSAA	93.3 %			40-135						
D5-NETFOSAA	Surrogate: d5-N-EtFOSAA	94.9 %			40-150						
M2-6:2FTS	Surrogate: M2-6:2 FTS	115 %			40-215						
M2-8:2FTS	Surrogate: M2-8:2 FTS	108 %			40-275						
13C9PFNA	Surrogate: M9PFNA	98.2 %			40-130						
M2-4:2FTS	Surrogate: M2-4:2 FTS	108 %			40-165						
936109-37-4	Surrogate: d-N-MeFOSA	91.2 %			10-130						
936109-40-9	Surrogate: d-N-EtFOSA	91.4 %			10-130						
M3HFPO-DA	Surrogate: M3HFPO-DA	107 %			40-130						
D9-NETPFOSA	Surrogate: d9-N-EtFOSE	83.8 %			15-130						
D7-NMEPFOSA	Surrogate: d7-N-MeFOSE	96.9 %			20-130						

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	91.5		%	0.100	1	SM 2540G	10/24/2025 14:51	10/24/2025 14:59	DD2
							Certifications:	CTDPH-PH-0840		



Sample Information

Client Sample ID: Rinsate

York Sample ID: 25J1519-13

York Project (SDG) No.

25J1519

Client Project ID

HPN Env Management (JA257006)

Matrix

Water

Collection Date/Time

October 23, 2025 12:00 am

Date Received

10/23/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D Certifications:	10/29/2025 07:00	10/29/2025 16:32	PMB
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D Certifications:	10/29/2025 07:00	10/29/2025 16:32	PMB
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D Certifications:	10/29/2025 07:00	10/29/2025 16:32	PMB
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D Certifications:	10/29/2025 07:00	10/29/2025 16:32	PMB
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	10/29/2025 07:00	10/29/2025 16:32	PMB
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D Certifications:	10/29/2025 07:00	10/29/2025 16:32	PMB
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	10/29/2025 07:00	10/29/2025 16:32	PMB
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D Certifications:	10/29/2025 07:00	10/29/2025 16:32	PMB
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications:	10/29/2025 07:00	10/29/2025 16:32	PMB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D Certifications:	10/29/2025 07:00	10/29/2025 16:32	PMB
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D Certifications:	10/29/2025 07:00	10/29/2025 16:32	PMB
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications:	10/29/2025 07:00	10/29/2025 16:32	PMB
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications:	10/29/2025 07:00	10/29/2025 16:32	PMB
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications:	10/29/2025 07:00	10/29/2025 16:32	PMB
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	10/29/2025 07:00	10/29/2025 16:32	PMB
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	10/29/2025 07:00	10/29/2025 16:32	PMB
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D Certifications:	10/29/2025 07:00	10/29/2025 16:32	PMB
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications:	10/29/2025 07:00	10/29/2025 16:32	PMB
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D Certifications:	10/29/2025 07:00	10/29/2025 16:32	PMB
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications:	10/29/2025 07:00	10/29/2025 16:32	PMB
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications:	10/29/2025 07:00	10/29/2025 16:32	PMB
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications:	10/29/2025 07:00	10/29/2025 16:32	PMB
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications:	10/29/2025 07:00	10/29/2025 16:32	PMB



Sample Information

Client Sample ID: Rinsate

York Sample ID: 25J1519-13

York Project (SDG) No.

25J1519

Client Project ID

HPN Env Management (JA257006)

Matrix

Water

Collection Date/Time

October 23, 2025 12:00 am

Date Received

10/23/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	1.75	J	ug/L	1.34	2.00	1	EPA 8260D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEI	10/29/2025 07:00	10/29/2025 16:32	PMB
107-02-8	Acrolein	ND		ug/L	0.447	0.500	1	EPA 8260D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	10/29/2025 07:00	10/29/2025 16:32	PMB
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	10/29/2025 07:00	10/29/2025 16:32	PMB
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	10/29/2025 07:00	10/29/2025 16:32	PMB
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications: NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-6f	10/29/2025 07:00	10/29/2025 16:32	PMB
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	10/29/2025 07:00	10/29/2025 16:32	PMB
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	10/29/2025 07:00	10/29/2025 16:32	PMB
74-83-9	Bromomethane	ND	CCVE	ug/L	0.500	2.00	1	EPA 8260D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	10/29/2025 07:00	10/29/2025 16:32	PMB
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	10/29/2025 07:00	10/29/2025 16:32	PMB
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	10/29/2025 07:00	10/29/2025 16:32	PMB
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	10/29/2025 07:00	10/29/2025 16:32	PMB
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	10/29/2025 07:00	10/29/2025 16:32	PMB
67-66-3	Chloroform	11.3		ug/L	0.243	0.500	1	EPA 8260D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEI	10/29/2025 07:00	10/29/2025 16:32	PMB
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	10/29/2025 07:00	10/29/2025 16:32	PMB
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	10/29/2025 07:00	10/29/2025 16:32	PMB
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	10/29/2025 07:00	10/29/2025 16:32	PMB
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D Certifications: NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-6f	10/29/2025 07:00	10/29/2025 16:32	PMB
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	10/29/2025 07:00	10/29/2025 16:32	PMB
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications: NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-6f	10/29/2025 07:00	10/29/2025 16:32	PMB
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D Certifications: NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-6f	10/29/2025 07:00	10/29/2025 16:32	PMB
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	10/29/2025 07:00	10/29/2025 16:32	PMB
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D Certifications: NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-6f	10/29/2025 07:00	10/29/2025 16:32	PMB
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	10/29/2025 07:00	10/29/2025 16:32	PMB



Sample Information

Client Sample ID: Rinsate

York Sample ID: 25J1519-13

York Project (SDG) No.

25J1519

Client Project ID

HPN Env Management (JA257006)

Matrix

Water

Collection Date/Time

October 23, 2025 12:00 am

Date Received

10/23/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications:	10/29/2025 07:00	10/29/2025 16:32	PMB
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications:	10/29/2025 07:00	10/29/2025 16:32	PMB
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications:	10/29/2025 07:00	10/29/2025 16:32	PMB
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications:	10/29/2025 07:00	10/29/2025 16:32	PMB
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D Certifications:	10/29/2025 07:00	10/29/2025 16:32	PMB
104-51-8	n-Butylbenzene	ND	QL-02	ug/L	0.399	0.500	1	EPA 8260D Certifications:	10/29/2025 07:00	10/29/2025 16:32	PMB
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D Certifications:	10/29/2025 07:00	10/29/2025 16:32	PMB
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications:	10/29/2025 07:00	10/29/2025 16:32	PMB
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications:	10/29/2025 07:00	10/29/2025 16:32	PMB
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D Certifications:	10/29/2025 07:00	10/29/2025 16:32	PMB
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D Certifications:	10/29/2025 07:00	10/29/2025 16:32	PMB
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	10/29/2025 07:00	10/29/2025 16:32	PMB
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D Certifications:	10/29/2025 07:00	10/29/2025 16:32	PMB
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications:	10/29/2025 07:00	10/29/2025 16:32	PMB
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D Certifications:	10/29/2025 07:00	10/29/2025 16:32	PMB
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications:	10/29/2025 07:00	10/29/2025 16:32	PMB
127-18-4	Tetrachloroethylene	ND	CCVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D Certifications:	10/29/2025 07:00	10/29/2025 16:32	PMB
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications:	10/29/2025 07:00	10/29/2025 16:32	PMB
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	10/29/2025 07:00	10/29/2025 16:32	PMB
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications:	10/29/2025 07:00	10/29/2025 16:32	PMB
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	10/29/2025 07:00	10/29/2025 16:32	PMB
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications:	10/29/2025 07:00	10/29/2025 16:32	PMB
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D Certifications:	10/29/2025 07:00	10/29/2025 16:32	PMB



Sample Information

Client Sample ID: Rinsate

York Sample ID: 25J1519-13

York Project (SDG) No.

25J1519

Client Project ID

HPN Env Management (JA257006)

Matrix

Water

Collection Date/Time

October 23, 2025 12:00 am

Date Received

10/23/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	10/29/2025 07:00	10/29/2025 16:32	PMB
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	113 %		69-130							
2037-26-5	Surrogate: SURRE: Toluene-d8	104 %		81-117							
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	90.2 %		79-122							

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 8270E Certifications: NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440	10/26/2025 08:08	10/30/2025 16:57	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NYSDOH-NY10854,PADEP-68-04440	10/26/2025 08:08	10/30/2025 16:57	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NYSDOH-NY10854,PADEP-68-04440	10/26/2025 08:08	10/30/2025 16:57	SS
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0	10/26/2025 08:08	10/30/2025 16:57	SS
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0	10/26/2025 08:08	10/30/2025 16:57	SS
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0	10/26/2025 08:08	10/30/2025 16:57	SS
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0	10/26/2025 08:08	10/30/2025 16:57	SS
51-28-5	* 2,4-Dinitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005	10/26/2025 08:08	10/30/2025 16:57	SS
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0	10/26/2025 08:08	10/30/2025 16:57	SS
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0	10/26/2025 08:08	10/30/2025 16:57	SS
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0	10/26/2025 08:08	10/30/2025 16:57	SS
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0	10/26/2025 08:08	10/30/2025 16:57	SS
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0	10/26/2025 08:08	10/30/2025 16:57	SS
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0	10/26/2025 08:08	10/30/2025 16:57	SS
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440	10/26/2025 08:08	10/30/2025 16:57	SS
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0	10/26/2025 08:08	10/30/2025 16:57	SS



Sample Information

Client Sample ID: Rinsate

York Sample ID: 25J1519-13

York Project (SDG) No.

25J1519

Client Project ID

HPN Env Management (JA257006)

Matrix

Water

Collection Date/Time

October 23, 2025 12:00 am

Date Received

10/23/2025

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
65794-96-9	* 3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDPH-PH-0840	10/26/2025 08:08	10/30/2025 16:57	SS
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440	10/26/2025 08:08	10/30/2025 16:57	SS
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440	10/26/2025 08:08	10/30/2025 16:57	SS
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0	10/26/2025 08:08	10/30/2025 16:57	SS
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0	10/26/2025 08:08	10/30/2025 16:57	SS
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0	10/26/2025 08:08	10/30/2025 16:57	SS
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440	10/26/2025 08:08	10/30/2025 16:57	SS
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0	10/26/2025 08:08	10/30/2025 16:57	SS
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440	10/26/2025 08:08	10/30/2025 16:57	SS
100-02-7	4-Nitrophenol	ND		ug/L	5.00	5.00	1	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0	10/26/2025 08:08	10/30/2025 16:57	SS
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440	10/26/2025 08:08	10/30/2025 16:57	SS
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440	10/26/2025 08:08	10/30/2025 16:57	SS
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0	10/26/2025 08:08	10/30/2025 16:57	SS
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0	10/26/2025 08:08	10/30/2025 16:57	SS
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0	10/26/2025 08:08	10/30/2025 16:57	SS
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0	10/26/2025 08:08	10/30/2025 16:57	SS
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440	10/26/2025 08:08	10/30/2025 16:57	SS
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440	10/26/2025 08:08	10/30/2025 16:57	SS
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0	10/26/2025 08:08	10/30/2025 16:57	SS
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0	10/26/2025 08:08	10/30/2025 16:57	SS
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0	10/26/2025 08:08	10/30/2025 16:57	SS
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0	10/26/2025 08:08	10/30/2025 16:57	SS
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0	10/26/2025 08:08	10/30/2025 16:57	SS



Sample Information

Client Sample ID: Rinsate

York Sample ID: 25J1519-13

York Project (SDG) No.

25J1519

Client Project ID

HPN Env Management (JA257006)

Matrix

Water

Collection Date/Time

October 23, 2025 12:00 am

Date Received

10/23/2025

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
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.00	10.0	1	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0	10/26/2025 08:08	10/30/2025 16:57	SS
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0	10/26/2025 08:08	10/30/2025 16:57	SS
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0	10/26/2025 08:08	10/30/2025 16:57	SS
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0	10/26/2025 08:08	10/30/2025 16:57	SS
108-95-2	Phenol	ND		ug/L	0.750	5.00	1	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,NYSDOH-NY10854,PADEP-68-0	10/26/2025 08:08	10/30/2025 16:57	SS
2312-35-8	* Propargite	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	10/26/2025 08:08	10/30/2025 16:57	SS
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440	10/26/2025 08:08	10/30/2025 16:57	SS
Surrogate Recoveries		Result		Acceptance Range							
367-12-4	Surrogate: SURR: 2-Fluorophenol	23.5 %		19.7-63.1							
13127-88-3	Surrogate: SURR: Phenol-d6	13.9 %		10.1-41.7							
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	43.6 %		50.2-113							
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	44.6 %		39.9-105							
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	67.5 %		39.3-151							
1718-51-0	Surrogate: SURR: Terphenyl-d14	49.9 %		30.7-106							

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270E SIM Certifications: NJDEP-CT005,NYSDOH-NY10854	10/28/2025 09:05	10/31/2025 11:05	SS
Surrogate Recoveries		Result		Acceptance Range						
17647-74-4	Surrogate: 1,4-Dioxane-d8	120 %	S-HI	36.6-118						

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 8270E SIM Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005	10/26/2025 08:11	10/30/2025 02:47	SS
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270E SIM Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005	10/26/2025 08:11	10/30/2025 02:47	SS
120-12-7	* Anthracene	ND		ug/L	0.0500	1	EPA 8270E SIM Certifications:	10/26/2025 08:11	10/30/2025 02:47	SS
1912-24-9	* Atrazine	ND	CAL-E	ug/L	0.500	1	EPA 8270E SIM Certifications:	10/26/2025 08:11	10/30/2025 02:47	SS



Sample Information

Client Sample ID: Rinsate

York Sample ID: 25J1519-13

York Project (SDG) No.

25J1519

Client Project ID

HPN Env Management (JA257006)

Matrix

Water

Collection Date/Time

October 23, 2025 12:00 am

Date Received

10/23/2025

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
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270E SIM Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005	10/26/2025 08:11	10/30/2025 02:47	SS
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270E SIM Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005	10/26/2025 08:11	10/30/2025 02:47	SS
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270E SIM Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005	10/26/2025 08:11	10/30/2025 02:47	SS
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270E SIM Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005	10/26/2025 08:11	10/30/2025 02:47	SS
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270E SIM Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005	10/26/2025 08:11	10/30/2025 02:47	SS
117-81-7	* Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	1	EPA 8270E SIM Certifications:	10/26/2025 08:11	10/30/2025 02:47	SS
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270E SIM Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005	10/26/2025 08:11	10/30/2025 02:47	SS
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270E SIM Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005	10/26/2025 08:11	10/30/2025 02:47	SS
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270E SIM Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005	10/26/2025 08:11	10/30/2025 02:47	SS
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270E SIM Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005	10/26/2025 08:11	10/30/2025 02:47	SS
118-74-1	* Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270E SIM Certifications:	10/26/2025 08:11	10/30/2025 02:47	SS
87-68-3	* Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8270E SIM Certifications:	10/26/2025 08:11	10/30/2025 02:47	SS
67-72-1	* Hexachloroethane	ND		ug/L	0.500	1	EPA 8270E SIM Certifications:	10/26/2025 08:11	10/30/2025 02:47	SS
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270E SIM Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005	10/26/2025 08:11	10/30/2025 02:47	SS
91-20-3	Naphthalene	ND		ug/L	0.0500	1	EPA 8270E SIM Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005	10/26/2025 08:11	10/30/2025 02:47	SS
98-95-3	* Nitrobenzene	ND	CCVE, ICVE	ug/L	0.250	1	EPA 8270E SIM Certifications:	10/26/2025 08:11	10/30/2025 02:47	SS
62-75-9	* N-Nitrosodimethylamine	ND	CAL-E	ug/L	0.500	1	EPA 8270E SIM Certifications:	10/26/2025 08:11	10/30/2025 02:47	SS
87-86-5	* Pentachlorophenol	ND	CCVE	ug/L	0.250	1	EPA 8270E SIM Certifications:	10/26/2025 08:11	10/30/2025 02:47	SS
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270E SIM Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005	10/26/2025 08:11	10/30/2025 02:47	SS
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270E SIM Certifications: NYSDOH-NY10854,PADEP-68-04440,NJDEP-CT005	10/26/2025 08:11	10/30/2025 02:47	SS

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



Sample Information

Client Sample ID: Rinsate

York Sample ID: 25J1519-13

York Project (SDG) No.

25J1519

Client Project ID

HPN Env Management (JA257006)

Matrix

Water

Collection Date/Time

October 23, 2025 12:00 am

Date Received

10/23/2025

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	1.72	1	EPA 1633A Certifications: NYSDOH-NY12058	10/27/2025 11:16	10/31/2025 06:09	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.486	1.95	1	EPA 1633A Certifications: NYSDOH-NY12058	10/27/2025 11:16	10/31/2025 06:09	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.681	1.95	1	EPA 1633A Certifications: NYSDOH-NY12058	10/27/2025 11:16	10/31/2025 06:09	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.866	1.78	1	EPA 1633A Certifications: NYSDOH-NY12058	10/27/2025 11:16	10/31/2025 06:09	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ng/L	0.973	1.95	1	EPA 1633A Certifications: NYSDOH-NY12058	10/27/2025 11:16	10/31/2025 06:09	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.739	1.81	1	EPA 1633A Certifications: NYSDOH-NY12058	10/27/2025 11:16	10/31/2025 06:09	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.963	1.95	1	EPA 1633A Certifications: NYSDOH-NY12058	10/27/2025 11:16	10/31/2025 06:09	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.554	1.95	1	EPA 1633A Certifications: NYSDOH-NY12058	10/27/2025 11:16	10/31/2025 06:09	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	0.691	1.95	1	EPA 1633A Certifications: NYSDOH-NY12058	10/27/2025 11:16	10/31/2025 06:09	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.584	1.95	1	EPA 1633A Certifications: NYSDOH-NY12058	10/27/2025 11:16	10/31/2025 06:09	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	1.17	1.95	1	EPA 1633A Certifications: NYSDOH-NY12058	10/27/2025 11:16	10/31/2025 06:09	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ng/L	1.54	1.95	1	EPA 1633A Certifications: NYSDOH-NY12058	10/27/2025 11:16	10/31/2025 06:09	AM
2355-31-9	N-MeFOSAA	ND		ng/L	0.486	1.95	1	EPA 1633A Certifications: NYSDOH-NY12058	10/27/2025 11:16	10/31/2025 06:09	AM
2991-50-6	N-EtFOSAA	ND		ng/L	4.86	4.86	1	EPA 1633A Certifications: NYSDOH-NY12058	10/27/2025 11:16	10/31/2025 06:09	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.866	3.89	1	EPA 1633A Certifications: NYSDOH-NY12058	10/27/2025 11:16	10/31/2025 06:09	AM
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.360	1.95	1	EPA 1633A Certifications: NYSDOH-NY12058	10/27/2025 11:16	10/31/2025 06:09	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.302	1.86	1	EPA 1633A Certifications: NYSDOH-NY12058	10/27/2025 11:16	10/31/2025 06:09	AM
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	0.603	1.88	1	EPA 1633A Certifications: NYSDOH-NY12058	10/27/2025 11:16	10/31/2025 06:09	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	4.86	7.39	1	EPA 1633A Certifications: NYSDOH-NY12058	10/27/2025 11:16	10/31/2025 06:09	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.19	7.47	1	EPA 1633A Certifications: NYSDOH-NY12058	10/27/2025 11:16	10/31/2025 06:09	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	1.59	7.78	1	EPA 1633A Certifications: NYSDOH-NY12058	10/27/2025 11:16	10/31/2025 06:09	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND		ng/L	0.486	3.46	1	EPA 1633A Certifications: NYSDOH-NY12058	10/27/2025 11:16	10/31/2025 06:09	AM



Sample Information

Client Sample ID: Rinsate

York Sample ID: 25J1519-13

York Project (SDG) No.

25J1519

Client Project ID

HPN Env Management (JA257006)

Matrix

Water

Collection Date/Time

October 23, 2025 12:00 am

Date Received

10/23/2025

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
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.92	3.89	1	EPA 1633A Certifications: NYSDOH-NY12058	10/27/2025 11:16	10/31/2025 06:09	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.681	3.89	1	EPA 1633A Certifications: NYSDOH-NY12058	10/27/2025 11:16	10/31/2025 06:09	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	1.36	3.89	1	EPA 1633A Certifications: NYSDOH-NY12058	10/27/2025 11:16	10/31/2025 06:09	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.730	1.83	1	EPA 1633A Certifications: NYSDOH-NY12058	10/27/2025 11:16	10/31/2025 06:09	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	2.74	7.30	1	EPA 1633A Certifications: NYSDOH-NY12058	10/27/2025 11:16	10/31/2025 06:09	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	4.86	7.78	1	EPA 1633A Certifications: NYSDOH-NY12058	10/27/2025 11:16	10/31/2025 06:09	AM
763051-92-9	11CL-PF3OUdS	ND		ng/L	2.17	7.35	1	EPA 1633A Certifications: NYSDOH-NY12058	10/27/2025 11:16	10/31/2025 06:09	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	2.68	7.28	1	EPA 1633A Certifications: NYSDOH-NY12058	10/27/2025 11:16	10/31/2025 06:09	AM
919005-14-4	ADONA	ND		ng/L	2.89	7.35	1	EPA 1633A Certifications: NYSDOH-NY12058	10/27/2025 11:16	10/31/2025 06:09	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.866	1.89	1	EPA 1633A Certifications: NYSDOH-NY12058	10/27/2025 11:16	10/31/2025 06:09	AM
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.730	1.87	1	EPA 1633A Certifications: NYSDOH-NY12058	10/27/2025 11:16	10/31/2025 06:09	AM
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ng/L	2.30	9.73	1	EPA 1633A Certifications: NYSDOH-NY12058	10/27/2025 11:16	10/31/2025 06:09	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ng/L	24.3	48.6	1	EPA 1633A Certifications: NYSDOH-NY12058	10/27/2025 11:16	10/31/2025 06:09	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ng/L	22.4	48.6	1	EPA 1633A Certifications: NYSDOH-NY12058	10/27/2025 11:16	10/31/2025 06:09	AM
24448-09-7	N-MeFOSE	ND		ng/L	6.91	19.5	1	EPA 1633A Certifications: NYSDOH-NY12058	10/27/2025 11:16	10/31/2025 06:09	AM
31506-32-8	N-MeFOSA	ND		ng/L	1.95	1.95	1	EPA 1633A Certifications: NYSDOH-NY12058	10/27/2025 11:16	10/31/2025 06:09	AM
1691-99-2	N-EtFOSE	ND		ng/L	7.08	19.5	1	EPA 1633A Certifications: NYSDOH-NY12058	10/27/2025 11:16	10/31/2025 06:09	AM
4151-50-2	N-EtFOSA	ND		ng/L	1.02	1.95	1	EPA 1633A Certifications: NYSDOH-NY12058	10/27/2025 11:16	10/31/2025 06:09	AM
Surrogate Recoveries		Result	Acceptance Range								
M3PFBS	Surrogate: M3PFBS	97.7 %	40-135								
338-30-1	Surrogate: M5PFHxA	95.0 %	40-130								
13C4PFHPA	Surrogate: M4PFHpA	76.5 %	40-130								
13C3PFHXS	Surrogate: M3PFHxS	84.6 %	40-130								
13C8PFOA	Surrogate: Perfluoro-n- [13C8]octanoic acid (M8PFOA)	89.4 %	40-130								



Sample Information

Client Sample ID: Rinsate

York Sample ID: 25J1519-13

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25J1519

Client Project ID

HPN Env Management (JA257006)

Matrix

Water

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October 23, 2025 12:00 am

Date Received

10/23/2025

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
13C6PFDA	Surrogate: M6PFDA	94.7 %			40-130						
13C7PFUNA	Surrogate: M7PFUdA	88.4 %			30-130						
960315-52-0	Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)	79.6 %			10-130						
13C2PFTEDA	Surrogate: M2PFTeDA	76.1 %			10-130						
13C4PFBA	Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	100 %			5-130						
13C8PFOS	Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	92.4 %			40-130						
13C5PFPEA	Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	92.9 %			40-130						
13C8FOSA	Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	99.7 %			40-130						
D3-NMEFOSAA	Surrogate: d3-N-MeFOSAA	83.8 %			40-170						
D5-NETFOSAA	Surrogate: d5-N-EtFOSAA	73.2 %			25-135						
M2-6:2FTS	Surrogate: M2-6:2 FTS	105 %			40-200						
M2-8:2FTS	Surrogate: M2-8:2 FTS	72.8 %			40-300						
13C9PFNA	Surrogate: M9PFNA	91.1 %			40-130						
M2-4:2FTS	Surrogate: M2-4:2 FTS	105 %			40-200						
936109-37-4	Surrogate: d-N-MeFOSA	83.0 %			10-130						
936109-40-9	Surrogate: d-N-EtFOSA	94.9 %			10-130						
M3HFPO-DA	Surrogate: M3HFPO-DA	111 %			40-130						
D9-NETPFOSA	Surrogate: d9-N-EtFOSE	77.5 %			10-130						
D7-NMEPFOSA	Surrogate: d7-N-MeFOSE	89.2 %			10-130						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 09:03	10/28/2025 12:30	GXB
72-55-9	4,4'-DDE	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 09:03	10/28/2025 12:30	GXB
50-29-3	4,4'-DDT	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 09:03	10/28/2025 12:30	GXB
309-00-2	Aldrin	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 09:03	10/28/2025 12:30	GXB
319-84-6	alpha-BHC	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 09:03	10/28/2025 12:30	GXB
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 09:03	10/28/2025 12:30	GXB
319-85-7	beta-BHC	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 09:03	10/28/2025 12:30	GXB



Sample Information

Client Sample ID: Rinsate

York Sample ID: 25J1519-13

York Project (SDG) No.

25J1519

Client Project ID

HPN Env Management (JA257006)

Matrix

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Date Received

10/23/2025

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-86-8	delta-BHC	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 09:03	10/28/2025 12:30	GXB
60-57-1	Dieldrin	ND		ug/L	0.00200	1	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 09:03	10/28/2025 12:30	GXB
959-98-8	Endosulfan I	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 09:03	10/28/2025 12:30	GXB
33213-65-9	Endosulfan II	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 09:03	10/28/2025 12:30	GXB
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 09:03	10/28/2025 12:30	GXB
72-20-8	Endrin	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 09:03	10/28/2025 12:30	GXB
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	1	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 09:03	10/28/2025 12:30	GXB
53494-70-5	Endrin ketone	ND		ug/L	0.0100	1	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 09:03	10/28/2025 12:30	GXB
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 09:03	10/28/2025 12:30	GXB
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	1	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 09:03	10/28/2025 12:30	GXB
76-44-8	Heptachlor	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 09:03	10/28/2025 12:30	GXB
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 09:03	10/28/2025 12:30	GXB
72-43-5	Methoxychlor	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 09:03	10/28/2025 12:30	GXB
8001-35-2	Toxaphene	ND		ug/L	0.100	1	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 09:03	10/28/2025 12:30	GXB
57-74-9	* Chlordane, total	ND		ug/L	0.200	1	EPA 8081B Certifications:	10/27/2025 09:03	10/28/2025 12:30	GXB
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	65.1 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	53.1 %	30-150							

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0500	1	EPA 8082A Certifications: NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0	10/27/2025 09:00	10/28/2025 20:06	NF
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A Certifications: NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0	10/27/2025 09:00	10/28/2025 20:06	NF
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A Certifications: NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0	10/27/2025 09:00	10/28/2025 20:06	NF



Sample Information

Client Sample ID: Rinsate

York Sample ID: 25J1519-13

York Project (SDG) No.

25J1519

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HPN Env Management (JA257006)

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PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A Certifications: NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0	10/27/2025 09:00	10/28/2025 20:06	NF
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A Certifications: NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0	10/27/2025 09:00	10/28/2025 20:06	NF
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A Certifications: NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0	10/27/2025 09:00	10/28/2025 20:06	NF
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A Certifications: NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0	10/27/2025 09:00	10/28/2025 20:06	NF
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A Certifications:	10/27/2025 09:00	10/28/2025 20:06	NF
Surrogate Recoveries		Result	Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	65.5 %	30-120							
2051-24-3	Surrogate: Decachlorobiphenyl	73.0 %	30-120							

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	1	EPA 8151A Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/26/2025 08:04	10/27/2025 14:06	gxb
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/26/2025 08:04	10/27/2025 14:06	gxb
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A Certifications: NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440	10/26/2025 08:04	10/27/2025 14:06	gxb
Surrogate Recoveries		Result	Acceptance Range							
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	117 %	30-150							

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.556	1	EPA 6010D Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 07:23	10/27/2025 15:56	AGNR
7440-36-0	Antimony	ND		mg/L	0.028	1	EPA 6010D Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 07:23	10/27/2025 15:56	AGNR
7440-38-2	Arsenic	ND		mg/L	0.017	1	EPA 6010D Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 07:23	10/27/2025 15:56	AGNR
7440-39-3	Barium	ND		mg/L	0.028	1	EPA 6010D Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 07:23	10/27/2025 15:56	AGNR
7440-41-7	Beryllium	ND		mg/L	0.0006	1	EPA 6010D Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 07:23	10/27/2025 15:56	AGNR
7440-43-9	Cadmium	ND		mg/L	0.003	1	EPA 6010D Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 07:23	10/27/2025 15:56	AGNR



Sample Information

Client Sample ID: Rinsate

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25J1519

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October 23, 2025 12:00 am

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Metals, Target Analyte

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
7440-70-2	Calcium	0.699		mg/L	0.556	1	EPA 6010D Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 07:23	10/27/2025 15:56	AGNR
7440-47-3	Chromium	ND		mg/L	0.006	1	EPA 6010D Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 07:23	10/27/2025 15:56	AGNR
7440-48-4	Cobalt	ND		mg/L	0.004	1	EPA 6010D Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 07:23	10/27/2025 15:56	AGNR
7440-50-8	Copper	ND		mg/L	0.022	1	EPA 6010D Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 07:23	10/27/2025 15:56	AGNR
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 07:23	10/27/2025 15:56	AGNR
7439-92-1	Lead	ND		mg/L	0.007	1	EPA 6010D Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 07:23	10/27/2025 15:56	AGNR
7439-95-4	Magnesium	0.165		mg/L	0.067	1	EPA 6010D Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 07:23	10/27/2025 15:56	AGNR
7439-96-5	Manganese	ND		mg/L	0.006	1	EPA 6010D Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 07:23	10/27/2025 15:56	AGNR
7440-02-0	Nickel	ND		mg/L	0.011	1	EPA 6010D Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 07:23	10/27/2025 15:56	AGNR
7440-09-7	Potassium	ND		mg/L	1.11	1	EPA 6010D Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 07:23	10/27/2025 15:56	AGNR
7782-49-2	* Selenium	ND		mg/L	0.028	1	EPA 6010D Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440	10/27/2025 07:23	10/27/2025 15:56	AGNR
7440-22-4	Silver	ND		mg/L	0.007	1	EPA 6010D Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 07:23	10/27/2025 15:56	AGNR
7440-23-5	Sodium	2.15	M-BS	mg/L	1.11	1	EPA 6010D Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 07:23	10/27/2025 15:56	AGNR
7440-28-0	Thallium	ND		mg/L	0.028	1	EPA 6010D Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 07:23	10/27/2025 15:56	AGNR
7440-62-2	Vanadium	ND		mg/L	0.011	1	EPA 6010D Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 07:23	10/27/2025 15:56	AGNR
7440-66-6	Zinc	ND		mg/L	0.028	1	EPA 6010D Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 07:23	10/27/2025 15:56	AGNR

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	10/28/2025 07:39	10/28/2025 07:39	DBT



Sample Information

Client Sample ID: SB-4 0"-2"

York Sample ID: 25J1519-14

York Project (SDG) No.

25J1519

Client Project ID

HPN Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 23, 2025 3:00 am

Date Received

10/23/2025

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	0.475	0.487	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:17	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	0.0852	0.215	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:17	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0609	0.243	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:17	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.134	0.243	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:17	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0852	0.223	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:17	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.0852	0.243	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:17	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	0.545		ug/kg dry	0.0852	0.226	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:17	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.170	0.243	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:17	AM
335-76-2	Perfluorodecanoic acid (PFDA)	0.135	J	ug/kg dry	0.0974	0.243	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:17	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	0.174	J	ug/kg dry	0.134	0.243	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:17	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	0.115	J	ug/kg dry	0.0974	0.243	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:17	AM
72629-94-8	Perfluorotridecanoic acid (PFTTrDA)	ND		ug/kg dry	0.134	0.243	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:17	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.158	0.243	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:17	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.0974	0.243	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:17	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.609	0.609	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:17	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.0974	0.487	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:17	AM
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0365	0.243	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:17	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0852	0.243	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:17	AM
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0730	0.235	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:17	AM



Sample Information

Client Sample ID: SB-4 0''-2''

York Sample ID: 25J1519-14

York Project (SDG) No.

25J1519

Client Project ID

HPN Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 23, 2025 3:00 am

Date Received

10/23/2025

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
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.219	0.925	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:17	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.195	0.935	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:17	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.195	0.974	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:17	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND		ug/kg dry	0.0730	0.433	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:17	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0487	0.487	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:17	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.146	0.487	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:17	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.0852	0.229	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:17	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.268	0.913	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:17	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ug/kg dry	0.280	0.974	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:17	AM
763051-92-9	11CL-PF3OUdS	ND		ug/kg dry	0.268	0.920	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:17	AM
756426-58-1	9CL-PF3ONS	ND		ug/kg dry	0.329	0.910	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:17	AM
919005-14-4	ADONA	ND		ug/kg dry	0.316	0.920	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:17	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.183	0.236	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:17	AM
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.170	0.234	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:17	AM
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.389	1.22	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:17	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	0.888	6.09	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:17	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.14	6.09	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:17	AM
24448-09-7	N-MeFOSE	ND		ug/kg dry	0.888	2.43	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:17	AM
31506-32-8	N-MeFOSA	ND		ug/kg dry	0.158	0.243	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:17	AM
1691-99-2	N-EtFOSE	ND		ug/kg dry	0.560	2.43	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:17	AM
4151-50-2	N-EtFOSA	ND		ug/kg dry	0.110	0.243	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:17	AM

Surrogate Recoveries

Result

Acceptance Range



Sample Information

Client Sample ID: SB-4 0''-2''

York Sample ID: 25J1519-14

York Project (SDG) No.

25J1519

Client Project ID

HPN Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 23, 2025 3:00 am

Date Received

10/23/2025

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
M3PFBS	Surrogate: M3PFBS	91.7 %			40-135						
338-30-1	Surrogate: M5PFHxA	81.6 %			40-130						
13C4PFHPA	Surrogate: M4PFHPA	91.5 %			40-130						
13C3PFHXS	Surrogate: M3PFHxS	87.7 %			40-130						
13C8PFOA	Surrogate: Perfluoro-n- [13C8]octanoic acid (M8PFOA)	81.5 %			40-130						
13C6PFDA	Surrogate: M6PFDA	77.7 %			40-130						
13C7PFUNA	Surrogate: M7PFUDa	82.2 %			40-130						
960315-52-0	Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)	71.4 %			40-130						
13C2PFTEDA	Surrogate: M2PFTeDA	63.8 %			20-130						
13C4PFBA	Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	81.4 %			8-130						
13C8PFOS	Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	87.7 %			40-130						
13C5PFPEA	Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	82.5 %			35-130						
13C8FOSA	Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	81.4 %			40-130						
D3-NMEFOSAA	Surrogate: d3-N-MeFOSAA	96.4 %			40-135						
D5-NETFOSAA	Surrogate: d5-N-EtFOSAA	93.6 %			40-150						
M2-6:2FTS	Surrogate: M2-6:2 FTS	117 %			40-215						
M2-8:2FTS	Surrogate: M2-8:2 FTS	118 %			40-275						
13C9PFNA	Surrogate: M9PFNA	87.7 %			40-130						
M2-4:2FTS	Surrogate: M2-4:2 FTS	102 %			40-165						
936109-37-4	Surrogate: d-N-MeFOSA	69.6 %			10-130						
936109-40-9	Surrogate: d-N-EtFOSA	73.7 %			10-130						
M3HFPO-DA	Surrogate: M3HFPO-DA	81.3 %			40-130						
D9-NETPFOSAI	Surrogate: d9-N-EtFOSE	64.1 %			15-130						
D7-NMEPFOSA	Surrogate: d7-N-MeFOSE	64.4 %			20-130						



Sample Information

Client Sample ID: SB-4 0"-2"

York Sample ID: 25J1519-14

York Project (SDG) No.

25J1519

Client Project ID

HPN Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 23, 2025 3:00 am

Date Received

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Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	81.7		%	0.100	1	SM 2540G Certifications: CTDPH-PH-0840	10/24/2025 14:51	10/24/2025 14:59	DD2

Sample Information

Client Sample ID: SB-4 2"-12"

York Sample ID: 25J1519-15

York Project (SDG) No.

25J1519

Client Project ID

HPN Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 23, 2025 3:00 am

Date Received

10/23/2025

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	0.436	0.447	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:32	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	0.0782	0.198	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:32	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0559	0.224	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:32	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.123	0.224	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:32	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0782	0.205	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:32	AM
335-67-1	Perfluorooctanoic acid (PFOA)	0.125	J	ug/kg dry	0.0782	0.224	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:32	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	0.460		ug/kg dry	0.0782	0.208	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:32	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.156	0.224	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:32	AM
335-76-2	Perfluorodecanoic acid (PFDA)	0.115	J	ug/kg dry	0.0894	0.224	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:32	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	0.131	J	ug/kg dry	0.123	0.224	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:32	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0894	0.224	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:32	AM



Sample Information

Client Sample ID: SB-4 2"-12"

York Sample ID: 25J1519-15

York Project (SDG) No.

25J1519

Client Project ID

HPN Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 23, 2025 3:00 am

Date Received

10/23/2025

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
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.123	0.224	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:32	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.145	0.224	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:32	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.0894	0.224	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:32	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.559	0.559	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:32	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.0894	0.447	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:32	AM
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0335	0.224	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:32	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0782	0.224	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:32	AM
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0671	0.216	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:32	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.201	0.849	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:32	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.179	0.858	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:32	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.179	0.894	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:32	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND		ug/kg dry	0.0671	0.398	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:32	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0447	0.447	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:32	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.134	0.447	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:32	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.0782	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:32	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.246	0.838	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:32	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ug/kg dry	0.257	0.894	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:32	AM
763051-92-9	11CL-PF3OUdS	ND		ug/kg dry	0.246	0.845	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:32	AM
756426-58-1	9CL-PF3ONS	ND		ug/kg dry	0.302	0.836	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:32	AM
919005-14-4	ADONA	ND		ug/kg dry	0.291	0.845	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:32	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.168	0.217	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:32	AM
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.156	0.215	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:32	AM



Sample Information

Client Sample ID: SB-4 2''-12''

York Sample ID: 25J1519-15

York Project (SDG) No.

25J1519

Client Project ID

HPN Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 23, 2025 3:00 am

Date Received

10/23/2025

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
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.358	1.12	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:32	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	0.816	5.59	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:32	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.05	5.59	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:32	AM
24448-09-7	N-MeFOSE	ND		ug/kg dry	0.816	2.24	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:32	AM
31506-32-8	N-MeFOSA	ND		ug/kg dry	0.145	0.224	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:32	AM
1691-99-2	N-EtFOSE	ND		ug/kg dry	0.514	2.24	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:32	AM
4151-50-2	N-EtFOSA	ND		ug/kg dry	0.101	0.224	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:32	AM
Surrogate Recoveries		Result	Acceptance Range								
M3PFBS	Surrogate: M3PFBS	92.1 %	40-135								
338-30-1	Surrogate: M5PFHxA	87.9 %	40-130								
13C4PFHPA	Surrogate: M4PFHpA	99.7 %	40-130								
13C3PFHXS	Surrogate: M3PFHxS	89.9 %	40-130								
13C8PFOA	Surrogate: Perfluoro-n- [13C8]octanoic acid (M8PFOA)	80.7 %	40-130								
13C6PFDA	Surrogate: M6PFDA	82.1 %	40-130								
13C7PFUNA	Surrogate: M7PFUdA	92.4 %	40-130								
960315-52-0	Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)	77.2 %	40-130								
13C2PFTEDA	Surrogate: M2PFTeDA	65.2 %	20-130								
13C4PFBA	Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	83.0 %	8-130								
13C8PFOS	Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	103 %	40-130								
13C5PFPEA	Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	81.6 %	35-130								
13C8FOSA	Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	91.0 %	40-130								
D3-NMEFOSAA	Surrogate: d3-N-MeFOSAA	100 %	40-135								
D5-NETFOSAA	Surrogate: d5-N-EtFOSAA	98.0 %	40-150								
M2-6:2FTS	Surrogate: M2-6:2 FTS	103 %	40-215								
M2-8:2FTS	Surrogate: M2-8:2 FTS	105 %	40-275								
13C9PFNA	Surrogate: M9PFNA	97.4 %	40-130								
M2-4:2FTS	Surrogate: M2-4:2 FTS	102 %	40-165								
936109-37-4	Surrogate: d-N-MeFOSA	74.2 %	10-130								
936109-40-9	Surrogate: d-N-EtFOSA	79.5 %	10-130								



Sample Information

Client Sample ID: SB-4 2''-12''

York Sample ID: 25J1519-15

York Project (SDG) No.

25J1519

Client Project ID

HPN Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 23, 2025 3:00 am

Date Received

10/23/2025

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
M3HFPO-DA	Surrogate: M3HFPO-DA	80.8 %			40-130						
D9-NETPFOSA	Surrogate: d9-N-EtFOSE	72.9 %			15-130						
D7-NMEPFOSA	Surrogate: d7-N-MeFOSE	67.8 %			20-130						

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	88.9		%	0.100	1	SM 2540G Certifications: CTDPH-PH-0840	10/24/2025 14:51	10/24/2025 14:59	DD2

Sample Information

Client Sample ID: SB-4 12''-24''

York Sample ID: 25J1519-16

York Project (SDG) No.

25J1519

Client Project ID

HPN Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 23, 2025 3:00 am

Date Received

10/23/2025

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	0.428	0.439	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:46	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	0.0767	0.194	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:46	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0548	0.219	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:46	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.121	0.219	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:46	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0767	0.201	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:46	AM
335-67-1	Perfluorooctanoic acid (PFOA)	0.126	J	ug/kg dry	0.0767	0.219	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:46	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.0767	0.204	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:46	AM



Sample Information

Client Sample ID: SB-4 12"-24"

York Sample ID: 25J1519-16

York Project (SDG) No.

25J1519

Client Project ID

HPN Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 23, 2025 3:00 am

Date Received

10/23/2025

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		ug/kg dry	0.153	0.219	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:46	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.0877	0.219	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:46	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.121	0.219	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:46	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0877	0.219	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:46	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.121	0.219	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:46	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.143	0.219	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:46	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.0877	0.219	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:46	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.548	0.548	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:46	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.0877	0.439	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:46	AM
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0329	0.219	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:46	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0767	0.219	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:46	AM
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0658	0.212	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:46	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.197	0.833	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:46	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.175	0.842	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:46	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.175	0.877	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:46	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND		ug/kg dry	0.0658	0.390	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:46	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0439	0.439	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:46	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.132	0.439	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:46	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.0767	0.206	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:46	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.241	0.822	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:46	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ug/kg dry	0.252	0.877	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:46	AM
763051-92-9	11CL-PF3OUdS	ND		ug/kg dry	0.241	0.829	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:46	AM



Sample Information

Client Sample ID: SB-4 12"-24"

York Sample ID: 25J1519-16

York Project (SDG) No.

25J1519

Client Project ID

HPN Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 23, 2025 3:00 am

Date Received

10/23/2025

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		ug/kg dry	0.296	0.820	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:46	AM
919005-14-4	ADONA	ND		ug/kg dry	0.285	0.829	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:46	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.164	0.213	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:46	AM
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.153	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:46	AM
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.351	1.10	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:46	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	0.800	5.48	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:46	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.03	5.48	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:46	AM
24448-09-7	N-MeFOSE	ND		ug/kg dry	0.800	2.19	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:46	AM
31506-32-8	N-MeFOSA	ND		ug/kg dry	0.143	0.219	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:46	AM
1691-99-2	N-EtFOSE	ND		ug/kg dry	0.504	2.19	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:46	AM
4151-50-2	N-EtFOSA	ND		ug/kg dry	0.0987	0.219	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 03:46	AM
Surrogate Recoveries		Result	Acceptance Range								
M3PFBS	Surrogate: M3PFBS	104 %	40-135								
338-30-1	Surrogate: M5PFHxA	88.7 %	40-130								
13C4PFHPA	Surrogate: M4PFHpA	92.7 %	40-130								
13C3PFHXS	Surrogate: M3PFHxS	102 %	40-130								
13C8PFOA	Surrogate: Perfluoro-n- [13C8]octanoic acid (M8PFOA)	83.9 %	40-130								
13C6PFDA	Surrogate: M6PFDA	89.2 %	40-130								
13C7PFUNA	Surrogate: M7PFUDa	90.9 %	40-130								
960315-52-0	Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)	79.4 %	40-130								
13C2PFTEDA	Surrogate: M2PFTeDA	68.4 %	20-130								
13C4PFBA	Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	85.9 %	8-130								
13C8PFOS	Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	91.5 %	40-130								
13C5PFPEA	Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	83.7 %	35-130								
13C8FOSA	Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	90.2 %	40-130								
D3-NMEFOSAA	Surrogate: d3-N-MeFOSAA	84.3 %	40-135								



Sample Information

Client Sample ID: SB-4 12"-24"

York Sample ID: 25J1519-16

York Project (SDG) No.

25J1519

Client Project ID

HPN Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 23, 2025 3:00 am

Date Received

10/23/2025

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
D5-NETFOSAA	Surrogate: d5-N-EtFOSAA	83.6 %			40-150						
M2-6:2FTS	Surrogate: M2-6:2 FTS	103 %			40-215						
M2-8:2FTS	Surrogate: M2-8:2 FTS	105 %			40-275						
13C9PFNA	Surrogate: M9PFNA	90.8 %			40-130						
M2-4:2FTS	Surrogate: M2-4:2 FTS	108 %			40-165						
936109-37-4	Surrogate: d-N-MeFOSA	74.7 %			10-130						
936109-40-9	Surrogate: d-N-EtFOSA	74.6 %			10-130						
M3HFPO-DA	Surrogate: M3HFPO-DA	85.9 %			40-130						
D9-NETPFOSA	Surrogate: d9-N-EtFOSE	70.1 %			15-130						
D7-NMEPFOSA	Surrogate: d7-N-MeFOSE	70.4 %			20-130						

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	10/24/2025 15:41	10/24/2025 15:44	DD2

Sample Information

Client Sample ID: SB-5 0"-2"

York Sample ID: 25J1519-17

York Project (SDG) No.

25J1519

Client Project ID

HPN Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 23, 2025 3:25 am

Date Received

10/23/2025

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	0.530	0.544	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:29	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	0.0952	0.241	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:29	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0680	0.272	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:29	AM



Sample Information

Client Sample ID: SB-5 0"-2"

York Sample ID: 25J1519-17

York Project (SDG) No.

25J1519

Client Project ID

HPN Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 23, 2025 3:25 am

Date Received

10/23/2025

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
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.150	0.272	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:29	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0952	0.249	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:29	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.0952	0.272	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:29	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	1.44		ug/kg dry	0.0952	0.253	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:29	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.190	0.272	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:29	AM
335-76-2	Perfluorodecanoic acid (PFDA)	0.198	J	ug/kg dry	0.109	0.272	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:29	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	1.07		ug/kg dry	0.150	0.272	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:29	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	0.282		ug/kg dry	0.109	0.272	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:29	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	0.361		ug/kg dry	0.150	0.272	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:29	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.177	0.272	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:29	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.109	0.272	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:29	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.680	0.680	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:29	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.109	0.544	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:29	AM
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0408	0.272	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:29	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0952	0.272	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:29	AM
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0816	0.262	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:29	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.245	1.03	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:29	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.218	1.04	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:29	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.218	1.09	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:29	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND		ug/kg dry	0.0816	0.484	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:29	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0544	0.544	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:29	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.163	0.544	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:29	AM



Sample Information

Client Sample ID: SB-5 0"-2"

York Sample ID: 25J1519-17

York Project (SDG) No.

25J1519

Client Project ID

HPN Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 23, 2025 3:25 am

Date Received

10/23/2025

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
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.0952	0.256	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:29	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.299	1.02	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:29	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ug/kg dry	0.313	1.09	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:29	AM
763051-92-9	11CL-PF3OUdS	ND		ug/kg dry	0.299	1.03	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:29	AM
756426-58-1	9CL-PF3ONS	ND		ug/kg dry	0.367	1.02	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:29	AM
919005-14-4	ADONA	ND		ug/kg dry	0.354	1.03	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:29	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.204	0.264	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:29	AM
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.190	0.261	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:29	AM
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.435	1.36	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:29	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	0.993	6.80	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:29	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.28	6.80	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:29	AM
24448-09-7	N-MeFOSE	ND		ug/kg dry	0.993	2.72	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:29	AM
31506-32-8	N-MeFOSA	ND		ug/kg dry	0.177	0.272	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:29	AM
1691-99-2	N-EtFOSE	ND		ug/kg dry	0.625	2.72	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:29	AM
4151-50-2	N-EtFOSA	ND		ug/kg dry	0.122	0.272	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:29	AM
Surrogate Recoveries		Result	Acceptance Range								
M3PFBS	Surrogate: M3PFBS	94.3 %	40-135								
338-30-1	Surrogate: M5PFHxA	84.2 %	40-130								
13C4PFHPA	Surrogate: M4PFHpA	84.8 %	40-130								
13C3PFHXS	Surrogate: M3PFHxS	86.3 %	40-130								
13C8PFOA	Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	80.5 %	40-130								
13C6PFDA	Surrogate: M6PFDA	86.0 %	40-130								
13C7PFUNA	Surrogate: M7PFUdA	83.2 %	40-130								
960315-52-0	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	75.4 %	40-130								
13C2PFTEDA	Surrogate: M2PFTeDA	66.1 %	20-130								



Sample Information

Client Sample ID: SB-5 0''-2''

York Sample ID: 25J1519-17

York Project (SDG) No.

25J1519

Client Project ID

HPN Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 23, 2025 3:25 am

Date Received

10/23/2025

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
13C4PFBA	Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	81.8 %			8-130						
13C8PFOS	Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	88.5 %			40-130						
13C5PFPEA	Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	81.5 %			35-130						
13C8FOSA	Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	77.5 %			40-130						
D3-NMEFOSAA	Surrogate: d3-N-MeFOSAA	95.1 %			40-135						
D5-NETFOSAA	Surrogate: d5-N-EtFOSAA	93.1 %			40-150						
M2-6:2FTS	Surrogate: M2-6:2 FTS	119 %			40-215						
M2-8:2FTS	Surrogate: M2-8:2 FTS	126 %			40-275						
13C9PFNA	Surrogate: M9PFNA	88.9 %			40-130						
M2-4:2FTS	Surrogate: M2-4:2 FTS	104 %			40-165						
936109-37-4	Surrogate: d-N-MeFOSA	63.9 %			10-130						
936109-40-9	Surrogate: d-N-EtFOSA	64.9 %			10-130						
M3HFPO-DA	Surrogate: M3HFPO-DA	82.1 %			40-130						
D9-NETPFOSA	Surrogate: d9-N-EtFOSE	62.1 %			15-130						
D7-NMEPFOSA	Surrogate: d7-N-MeFOSE	60.9 %			20-130						

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	73.1		%	0.100	1	SM 2540G Certifications: CTDPH-PH-0840	10/24/2025 15:41	10/24/2025 15:44	DD2

Sample Information

Client Sample ID: SB-5 2''-12''

York Sample ID: 25J1519-18

York Project (SDG) No.

25J1519

Client Project ID

HPN Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 23, 2025 3:25 am

Date Received

10/23/2025

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-dioxahptanoic acid (NFDHA)	ND	HT-NF D	ug/kg dry	0.452	0.464	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:43	AM



Sample Information

Client Sample ID: SB-5 2"-12"

York Sample ID: 25J1519-18

York Project (SDG) No.

25J1519

Client Project ID

HPN Env Management (JA257006)

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Soil

Collection Date/Time

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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
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.0811	0.205	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:43	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0579	0.232	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:43	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.127	0.232	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:43	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0811	0.212	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:43	AM
335-67-1	Perfluorooctanoic acid (PFOA)	0.0861	J	ug/kg dry	0.0811	0.232	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:43	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	0.600		ug/kg dry	0.0811	0.216	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:43	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.162	0.232	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:43	AM
335-76-2	Perfluorodecanoic acid (PFDA)	0.101	J	ug/kg dry	0.0927	0.232	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:43	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	0.653		ug/kg dry	0.127	0.232	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:43	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0927	0.232	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:43	AM
72629-94-8	Perfluorotridecanoic acid (PFTTrDA)	0.211	J	ug/kg dry	0.127	0.232	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:43	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.151	0.232	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:43	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.0927	0.232	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:43	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.579	0.579	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:43	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.0927	0.464	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:43	AM
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0348	0.232	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:43	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0811	0.232	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:43	AM
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0695	0.224	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:43	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.209	0.881	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:43	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.185	0.890	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:43	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.185	0.927	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:43	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEA)	ND		ug/kg dry	0.0695	0.413	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:43	AM



Sample Information

Client Sample ID: SB-5 2"-12"

York Sample ID: 25J1519-18

York Project (SDG) No.

25J1519

Client Project ID

HPN Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 23, 2025 3:25 am

Date Received

10/23/2025

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
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0464	0.464	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:43	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.139	0.464	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:43	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.0811	0.218	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:43	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.255	0.869	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:43	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ug/kg dry	0.267	0.927	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:43	AM
763051-92-9	11CL-PF3OUdS	ND		ug/kg dry	0.255	0.876	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:43	AM
756426-58-1	9CL-PF3ONS	ND		ug/kg dry	0.313	0.867	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:43	AM
919005-14-4	ADONA	ND		ug/kg dry	0.301	0.876	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:43	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.174	0.225	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:43	AM
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.162	0.222	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:43	AM
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.371	1.16	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:43	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	0.846	5.79	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:43	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.09	5.79	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:43	AM
24448-09-7	N-MeFOSE	ND		ug/kg dry	0.846	2.32	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:43	AM
31506-32-8	N-MeFOSA	ND		ug/kg dry	0.151	0.232	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:43	AM
1691-99-2	N-EtFOSE	ND		ug/kg dry	0.533	2.32	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:43	AM
4151-50-2	N-EtFOSA	ND		ug/kg dry	0.104	0.232	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:43	AM
Surrogate Recoveries		Result	Acceptance Range								
M3PFBS	Surrogate: M3PFBS	89.5 %	40-135								
338-30-1	Surrogate: M5PFHxA	83.9 %	40-130								
13C4PFHPA	Surrogate: M4PFHpA	87.5 %	40-130								
13C3PFHXS	Surrogate: M3PFHxS	87.8 %	40-130								
13C8PFOA	Surrogate: Perfluoro-n- [13C8]octanoic acid (M8PFOA)	77.7 %	40-130								
13C6PFDA	Surrogate: M6PFDA	84.7 %	40-130								
13C7PFUNA	Surrogate: M7PFUDA	79.8 %	40-130								



Sample Information

Client Sample ID: SB-5 2''-12''

York Sample ID: 25J1519-18

York Project (SDG) No.

25J1519

Client Project ID

HPN Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 23, 2025 3:25 am

Date Received

10/23/2025

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
960315-52-0	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	76.2 %			40-130						
13C2PFTEDA	Surrogate: M2PFTeDA	59.3 %			20-130						
13C4PFBA	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	80.0 %			8-130						
13C8PFOS	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	99.1 %			40-130						
13C5PFPEA	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	80.6 %			35-130						
13C8FOSA	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	87.8 %			40-130						
D3-NMEFOSAA	Surrogate: d3-N-MeFOSAA	99.9 %			40-135						
D5-NETFOSAA	Surrogate: d5-N-EtFOSAA	97.1 %			40-150						
M2-6:2FTS	Surrogate: M2-6:2 FTS	98.9 %			40-215						
M2-8:2FTS	Surrogate: M2-8:2 FTS	103 %			40-275						
13C9PFNA	Surrogate: M9PFNA	99.0 %			40-130						
M2-4:2FTS	Surrogate: M2-4:2 FTS	102 %			40-165						
936109-37-4	Surrogate: d-N-MeFOSA	71.1 %			10-130						
936109-40-9	Surrogate: d-N-EtFOSA	73.7 %			10-130						
M3HFPO-DA	Surrogate: M3HFPO-DA	87.6 %			40-130						
D9-NETPFOSA	Surrogate: d9-N-EtFOSE	60.0 %			15-130						
D7-NMEPFOSA	Surrogate: d7-N-MeFOSE	58.5 %			20-130						

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	85.9		%	0.100	1	SM 2540G	10/24/2025 15:41	10/24/2025 15:44	DD2
							Certifications:	CTDPH-PH-0840		

Sample Information

Client Sample ID: SB-5 12''-24''

York Sample ID: 25J1519-19

York Project (SDG) No.

25J1519

Client Project ID

HPN Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 23, 2025 3:25 am

Date Received

10/23/2025

Q P PFAS, EPA 1633a NFDHA

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: SB-5 12"-24"

York Sample ID: 25J1519-19

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25J1519

HPN Env Management (JA257006)

Soil

October 23, 2025 3:25 am

10/23/2025

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	0.432	0.443	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:57	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	0.0775	0.196	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:57	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0553	0.221	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:57	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.122	0.221	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:57	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0775	0.203	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:57	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.0775	0.221	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:57	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	0.0891	J	ug/kg dry	0.0775	0.206	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:57	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.155	0.221	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:57	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.0885	0.221	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:57	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	0.193	J	ug/kg dry	0.122	0.221	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:57	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0885	0.221	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:57	AM
72629-94-8	Perfluorotridecanoic acid (PFTriDA)	ND		ug/kg dry	0.122	0.221	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:57	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.144	0.221	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:57	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.0885	0.221	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:57	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.553	0.553	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:57	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.0885	0.443	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:57	AM
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0332	0.221	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:57	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0775	0.221	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:57	AM
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0664	0.214	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:57	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.199	0.841	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:57	AM



Sample Information

Client Sample ID: SB-5 12"-24"

York Sample ID: 25J1519-19

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25J1519

HPN Env Management (JA257006)

Soil

October 23, 2025 3:25 am

10/23/2025

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
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.177	0.850	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:57	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.177	0.885	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:57	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEA)	ND		ug/kg dry	0.0664	0.394	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:57	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0443	0.443	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:57	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.133	0.443	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:57	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.0775	0.208	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:57	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.243	0.830	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:57	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ug/kg dry	0.255	0.885	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:57	AM
763051-92-9	11CL-PF3OUdS	ND		ug/kg dry	0.243	0.837	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:57	AM
756426-58-1	9CL-PF3ONS	ND		ug/kg dry	0.299	0.828	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:57	AM
919005-14-4	ADONA	ND		ug/kg dry	0.288	0.837	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:57	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.166	0.215	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:57	AM
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.155	0.212	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:57	AM
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.354	1.11	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:57	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	0.808	5.53	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:57	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.04	5.53	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:57	AM
24448-09-7	N-MeFOSE	ND		ug/kg dry	0.808	2.21	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:57	AM
31506-32-8	N-MeFOSA	ND		ug/kg dry	0.144	0.221	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:57	AM
1691-99-2	N-EtFOSE	ND		ug/kg dry	0.509	2.21	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:57	AM
4151-50-2	N-EtFOSA	ND		ug/kg dry	0.0996	0.221	1	EPA 1633A Certifications: NYSDOH-NY12058	10/31/2025 09:37	11/03/2025 04:57	AM
Surrogate Recoveries		Result	Acceptance Range								
M3PFBS	Surrogate: M3PFBS	93.9 %	40-135								
338-30-1	Surrogate: M5PFHxA	89.2 %	40-130								



Sample Information

Client Sample ID: SB-5 12"-24"

York Sample ID: 25J1519-19

York Project (SDG) No.

25J1519

Client Project ID

HPN Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 23, 2025 3:25 am

Date Received

10/23/2025

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
13C4PFHPA	Surrogate: M4PFHPA	99.2 %			40-130						
13C3PFHXS	Surrogate: M3PFHXS	94.7 %			40-130						
13C8PFOA	Surrogate: Perfluoro-n- [13C8]octanoic acid (M8PFOA)	89.1 %			40-130						
13C6PFDA	Surrogate: M6PFDA	97.0 %			40-130						
13C7PFUNA	Surrogate: M7PFUdA	83.3 %			40-130						
960315-52-0	Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)	81.0 %			40-130						
13C2PFTEDA	Surrogate: M2PFTeDA	65.9 %			20-130						
13C4PFBA	Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	91.4 %			8-130						
13C8PFOS	Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	102 %			40-130						
13C5PFPEA	Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	86.9 %			35-130						
13C8FOSA	Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	98.1 %			40-130						
D3-NMEFOSAA	Surrogate: d3-N-MeFOSAA	95.9 %			40-135						
D5-NETFOSAA	Surrogate: d5-N-EtFOSAA	94.2 %			40-150						
M2-6:2FTS	Surrogate: M2-6:2 FTS	103 %			40-215						
M2-8:2FTS	Surrogate: M2-8:2 FTS	103 %			40-275						
13C9PFNA	Surrogate: M9PFNA	99.8 %			40-130						
M2-4:2FTS	Surrogate: M2-4:2 FTS	98.8 %			40-165						
936109-37-4	Surrogate: d-N-MeFOSA	81.5 %			10-130						
936109-40-9	Surrogate: d-N-EtFOSA	85.8 %			10-130						
M3HFPO-DA	Surrogate: M3HFPO-DA	96.2 %			40-130						
D9-NETPFOSA	Surrogate: d9-N-EtFOSE	75.6 %			15-130						
D7-NMEPFOSA	Surrogate: d7-N-MeFOSE	72.6 %			20-130						

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	90.4		%	0.100	1	SM 2540G	10/24/2025 15:41	10/24/2025 15:44	DD2
							Certifications:	CTDPH-PH-0840		



Sample Information

Client Sample ID: DUP-2 (comp)

York Sample ID: 25J1519-20

York Project (SDG) No.

25J1519

Client Project ID

HPN Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 23, 2025 4:00 am

Date Received

10/23/2025

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	0.0438	0.0874	2	EPA 8270E Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/26/2025 08:47	10/27/2025 10:26	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0874	0.174	2	EPA 8270E Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/26/2025 08:47	10/27/2025 10:26	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/26/2025 08:47	10/27/2025 10:26	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/26/2025 08:47	10/27/2025 10:26	SS
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/26/2025 08:47	10/27/2025 10:26	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/26/2025 08:47	10/27/2025 10:26	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/26/2025 08:47	10/27/2025 10:26	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0874	0.174	2	EPA 8270E Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/26/2025 08:47	10/27/2025 10:26	SS
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/26/2025 08:47	10/27/2025 10:26	SS
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/26/2025 08:47	10/27/2025 10:26	SS
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/26/2025 08:47	10/27/2025 10:26	SS
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/26/2025 08:47	10/27/2025 10:26	SS
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0874	0.174	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/26/2025 08:47	10/27/2025 10:26	SS
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/26/2025 08:47	10/27/2025 10:26	SS
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/26/2025 08:47	10/27/2025 10:26	SS
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/26/2025 08:47	10/27/2025 10:26	SS
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/26/2025 08:47	10/27/2025 10:26	SS
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/26/2025 08:47	10/27/2025 10:26	SS
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/26/2025 08:47	10/27/2025 10:26	SS
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0874	0.174	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/26/2025 08:47	10/27/2025 10:26	SS
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/26/2025 08:47	10/27/2025 10:26	SS
65794-96-9	* 3- & 4-Methylphenols	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications: CTDPH-PH-0840	10/26/2025 08:47	10/27/2025 10:26	SS
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/26/2025 08:47	10/27/2025 10:26	SS



Sample Information

Client Sample ID: DUP-2 (comp)

York Sample ID: 25J1519-20

York Project (SDG) No.

25J1519

Client Project ID

HPN Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 23, 2025 4:00 am

Date Received

10/23/2025

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	0.0874	0.174	2	EPA 8270E Certifications:	10/26/2025 08:47	10/27/2025 10:26	SS
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0874	0.174	2	EPA 8270E Certifications:	10/26/2025 08:47	10/27/2025 10:26	SS
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications:	10/26/2025 08:47	10/27/2025 10:26	SS
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications:	10/26/2025 08:47	10/27/2025 10:26	SS
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications:	10/26/2025 08:47	10/27/2025 10:26	SS
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications:	10/26/2025 08:47	10/27/2025 10:26	SS
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0874	0.174	2	EPA 8270E Certifications:	10/26/2025 08:47	10/27/2025 10:26	SS
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0874	0.174	2	EPA 8270E Certifications:	10/26/2025 08:47	10/27/2025 10:26	SS
83-32-9	Acenaphthene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications:	10/26/2025 08:47	10/27/2025 10:26	SS
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications:	10/26/2025 08:47	10/27/2025 10:26	SS
98-86-2	Acetophenone	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications:	10/26/2025 08:47	10/27/2025 10:26	SS
62-53-3	Aniline	ND		mg/kg dry	0.175	0.350	2	EPA 8270E Certifications:	10/26/2025 08:47	10/27/2025 10:26	SS
120-12-7	Anthracene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications:	10/26/2025 08:47	10/27/2025 10:26	SS
1912-24-9	Atrazine	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications:	10/26/2025 08:47	10/27/2025 10:26	SS
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications:	10/26/2025 08:47	10/27/2025 10:26	SS
92-87-5	Benzidine	ND	CAL-E	mg/kg dry	0.175	0.350	2	EPA 8270E Certifications:	10/26/2025 08:47	10/27/2025 10:26	SS
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications:	10/26/2025 08:47	10/27/2025 10:26	SS
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications:	10/26/2025 08:47	10/27/2025 10:26	SS
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications:	10/26/2025 08:47	10/27/2025 10:26	SS
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications:	10/26/2025 08:47	10/27/2025 10:26	SS
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications:	10/26/2025 08:47	10/27/2025 10:26	SS
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications:	10/26/2025 08:47	10/27/2025 10:26	SS
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications:	10/26/2025 08:47	10/27/2025 10:26	SS



Sample Information

Client Sample ID: DUP-2 (comp)

York Sample ID: 25J1519-20

York Project (SDG) No.

25J1519

Client Project ID

HPN Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 23, 2025 4:00 am

Date Received

10/23/2025

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	0.0438	0.0874	2	EPA 8270E Certifications:	10/26/2025 08:47 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 10:26	SS
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications:	10/26/2025 08:47 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 10:26	SS
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications:	10/26/2025 08:47 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 10:26	SS
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications:	10/26/2025 08:47 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 10:26	SS
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications:	10/26/2025 08:47 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 10:26	SS
105-60-2	Caprolactam	ND		mg/kg dry	0.0874	0.174	2	EPA 8270E Certifications:	10/26/2025 08:47 NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 10:26	SS
86-74-8	Carbazole	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications:	10/26/2025 08:47 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 10:26	SS
218-01-9	Chrysene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications:	10/26/2025 08:47 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 10:26	SS
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications:	10/26/2025 08:47 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 10:26	SS
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications:	10/26/2025 08:47 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 10:26	SS
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications:	10/26/2025 08:47 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 10:26	SS
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications:	10/26/2025 08:47 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 10:26	SS
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications:	10/26/2025 08:47 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 10:26	SS
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications:	10/26/2025 08:47 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 10:26	SS
122-39-4	Diphenylamine	ND		mg/kg dry	0.0874	0.174	2	EPA 8270E Certifications:	10/26/2025 08:47 PADEP-68-04440,NYSDOH-NY10854	10/27/2025 10:26	SS
206-44-0	Fluoranthene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications:	10/26/2025 08:47 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 10:26	SS
86-73-7	Fluorene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications:	10/26/2025 08:47 NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 10:26	SS
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications:	10/26/2025 08:47 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 10:26	SS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications:	10/26/2025 08:47 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 10:26	SS
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications:	10/26/2025 08:47 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 10:26	SS
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications:	10/26/2025 08:47 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 10:26	SS
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications:	10/26/2025 08:47 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 10:26	SS
78-59-1	Isophorone	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications:	10/26/2025 08:47 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/27/2025 10:26	SS



Sample Information

Client Sample ID: DUP-2 (comp)

York Sample ID: 25J1519-20

York Project (SDG) No.

25J1519

Client Project ID

HPN Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 23, 2025 4:00 am

Date Received

10/23/2025

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
91-20-3	Naphthalene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/26/2025 08:47	10/27/2025 10:26	SS
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/26/2025 08:47	10/27/2025 10:26	SS
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/26/2025 08:47	10/27/2025 10:26	SS
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/26/2025 08:47	10/27/2025 10:26	SS
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/26/2025 08:47	10/27/2025 10:26	SS
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/26/2025 08:47	10/27/2025 10:26	SS
85-01-8	Phenanthrene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/26/2025 08:47	10/27/2025 10:26	SS
108-95-2	Phenol	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/26/2025 08:47	10/27/2025 10:26	SS
129-00-0	Pyrene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications: CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/26/2025 08:47	10/27/2025 10:26	SS
Surrogate Recoveries		Result		Acceptance Range							
367-12-4	Surrogate: SURR: 2-Fluorophenol	85.1 %									
13127-88-3	Surrogate: SURR: Phenol-d6	75.0 %									
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	90.7 %									
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	98.5 %									
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	122 %	S-08								
1718-51-0	Surrogate: SURR: Terphenyl-d14	105 %									

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.8	1	EPA 8270D SIM Certifications: NYSDOH-NY10854	10/26/2025 08:55	10/28/2025 14:01	SS
Surrogate Recoveries		Result		Acceptance Range						
17647-74-4	Surrogate: 1,4-Dioxane-d8	74.0 %								

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/26/2025 08:00	10/27/2025 17:47	GXB



York Sample ID: 25J1519-20

Date Received
10/23/2025

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	10/26/2025 08:00 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 17:47	GXB
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	10/26/2025 08:00 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 17:47	GXB
309-00-2	Aldrin	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	10/26/2025 08:00 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 17:47	GXB
319-84-6	alpha-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	10/26/2025 08:00 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 17:47	GXB
319-85-7	beta-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	10/26/2025 08:00 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 17:47	GXB
319-86-8	delta-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	10/26/2025 08:00 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 17:47	GXB
60-57-1	Dieldrin [2C]	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	10/26/2025 08:00 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 17:47	GXB
959-98-8	Endosulfan I	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	10/26/2025 08:00 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 17:47	GXB
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	10/26/2025 08:00 CTDPH-PH-0840,NYSDOH-NY10854	10/27/2025 17:47	GXB
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	10/26/2025 08:00 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 17:47	GXB
72-20-8	Endrin	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	10/26/2025 08:00 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 17:47	GXB
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	10/26/2025 08:00 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 17:47	GXB
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	10/26/2025 08:00 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 17:47	GXB
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	10/26/2025 08:00 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 17:47	GXB
76-44-8	Heptachlor	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	10/26/2025 08:00 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 17:47	GXB
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	10/26/2025 08:00 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 17:47	GXB
72-43-5	Methoxychlor	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	10/26/2025 08:00 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 17:47	GXB
8001-35-2	Toxaphene	ND		mg/kg dry	0.173	5	EPA 8081B Certifications:	10/26/2025 08:00 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 17:47	GXB
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0346	5	EPA 8081B Certifications:	10/26/2025 08:00	10/27/2025 17:47	GXB
	Surrogate Recoveries	Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	143 %		30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	92.6 %		30-150						

Sample Notes:

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

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Sample Information

Client Sample ID: DUP-2 (comp)

York Sample ID: 25J1519-20

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
25J1519	HPN Env Management (JA257006)	Soil	October 23, 2025 4:00 am	10/23/2025

12674-11-2	Aroclor 1016	ND	mg/kg dry	0.0174	1	EPA 8082A Certifications:	10/26/2025 08:00 10/27/2025 12:42	NF
11104-28-2	Aroclor 1221	ND	mg/kg dry	0.0174	1	EPA 8082A Certifications:	10/26/2025 08:00 10/27/2025 12:42	NF
11141-16-5	Aroclor 1232	ND	mg/kg dry	0.0174	1	EPA 8082A Certifications:	10/26/2025 08:00 10/27/2025 12:42	NF
53469-21-9	Aroclor 1242	ND	mg/kg dry	0.0174	1	EPA 8082A Certifications:	10/26/2025 08:00 10/27/2025 12:42	NF
12672-29-6	Aroclor 1248	ND	mg/kg dry	0.0174	1	EPA 8082A Certifications:	10/26/2025 08:00 10/27/2025 12:42	NF
11097-69-1	Aroclor 1254	ND	mg/kg dry	0.0174	1	EPA 8082A Certifications:	10/26/2025 08:00 10/27/2025 12:42	NF
11096-82-5	Aroclor 1260	ND	mg/kg dry	0.0174	1	EPA 8082A Certifications:	10/26/2025 08:00 10/27/2025 12:42	NF
1336-36-3	* Total PCBs	ND	mg/kg dry	0.0174	1	EPA 8082A Certifications:	10/26/2025 08:00 10/27/2025 12:42	NF
Surrogate Recoveries		Result	Acceptance Range					
877-09-8	Surrogate: Tetrachloro-m-xylene	80.0 %	30-120					
2051-24-3	Surrogate: Decachlorobiphenyl	105 %	30-120					

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/kg dry	20.9	1	EPA 8151A Certifications:	10/26/2025 08:00	10/28/2025 11:44	gxb
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	20.9	1	EPA 8151A Certifications:	10/26/2025 08:00	10/28/2025 11:44	gxb
94-75-7	2,4-D	ND		ug/kg dry	20.9	1	EPA 8151A Certifications:	10/26/2025 08:00	10/28/2025 11:44	gxb
Surrogate Recoveries		Result	Acceptance Range							
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	132 %	21-150							

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	19700		mg/kg dry	4.38	1	EPA 6010D Certifications:	10/27/2025 14:38	10/28/2025 11:10	AGNR
7440-36-0	Antimony	ND		mg/kg dry	2.19	1	EPA 6010D Certifications:	10/27/2025 14:38	10/28/2025 11:10	AGNR
7440-38-2	Arsenic	ND		mg/kg dry	1.31	1	EPA 6010D Certifications:	10/27/2025 14:38	10/28/2025 11:10	AGNR
7440-39-3	Barium	185		mg/kg dry	2.19	1	EPA 6010D Certifications:	10/27/2025 14:38	10/28/2025 11:10	AGNR



Sample Information

Client Sample ID: DUP-2 (comp)

York Sample ID: 25J1519-20

York Project (SDG) No.

25J1519

Client Project ID

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Soil

Collection Date/Time

October 23, 2025 4:00 am

Date Received

10/23/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-41-7	Beryllium	ND		mg/kg dry	0.044	1	EPA 6010D Certifications: NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440	10/27/2025 14:38	10/28/2025 11:10	AGNR
7440-43-9	Cadmium	ND		mg/kg dry	0.263	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 14:38	10/28/2025 11:10	AGNR
7440-70-2	Calcium	944		mg/kg dry	4.38	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 14:38	10/28/2025 11:10	AGNR
7440-47-3	Chromium	29.6		mg/kg dry	0.438	1	EPA 6010D Certifications: NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440	10/27/2025 14:38	10/28/2025 11:10	AGNR
7440-48-4	Cobalt	19.7		mg/kg dry	0.350	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 14:38	10/28/2025 11:10	AGNR
7440-50-8	Copper	27.7		mg/kg dry	1.75	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 14:38	10/28/2025 11:10	AGNR
7439-89-6	Iron	33300		mg/kg dry	21.9	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 14:38	10/28/2025 11:10	AGNR
7439-92-1	Lead	3.16		mg/kg dry	0.438	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 14:38	10/28/2025 11:10	AGNR
7439-95-4	Magnesium	6950		mg/kg dry	4.38	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 14:38	10/28/2025 11:10	AGNR
7439-96-5	Manganese	298		mg/kg dry	0.438	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 14:38	10/28/2025 11:10	AGNR
7440-02-0	Nickel	16.3		mg/kg dry	0.872	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 14:38	10/28/2025 11:10	AGNR
7440-09-7	Potassium	12800		mg/kg dry	4.38	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 14:38	10/28/2025 11:10	AGNR
7782-49-2	Selenium	ND		mg/kg dry	2.19	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 14:38	10/28/2025 11:10	AGNR
7440-22-4	Silver	ND		mg/kg dry	0.441	1	EPA 6010D Certifications: NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440	10/27/2025 14:38	10/28/2025 11:10	AGNR
7440-23-5	Sodium	131		mg/kg dry	43.8	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 14:38	10/28/2025 11:10	AGNR
7440-28-0	Thallium	ND		mg/kg dry	1.75	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 14:38	10/28/2025 11:10	AGNR
7440-62-2	Vanadium	41.0		mg/kg dry	0.872	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 14:38	10/28/2025 11:10	AGNR
7440-66-6	Zinc	75.7		mg/kg dry	2.18	1	EPA 6010D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/27/2025 14:38	10/28/2025 11:10	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	ND		mg/kg dry	0.0315	1	EPA 7473 Certifications: NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440,CTDPH-PH-0	10/27/2025 08:38	10/27/2025 13:50	JWT



Sample Information

Client Sample ID: DUP-2 (comp)

York Sample ID: 25J1519-20

York Project (SDG) No.

25J1519

Client Project ID

HPN Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 23, 2025 4:00 am

Date Received

10/23/2025

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	95.2		%	0.100	1	SM 2540G Certifications: CTDPH-PH-0840	10/27/2025 08:19	10/27/2025 09:55	CD

Analyzed by: Phoenix Environmental Labs, Inc.

SW8260D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SW8260D

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		mg/Kg	0.016	1	SW8260D Certifications: NY-11301	10/23/2025 04:00	10/28/2025 03:36	CT007
71-55-6	1,1,1-Trichloroethane	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/23/2025 04:00	10/28/2025 03:36	CT007
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/23/2025 04:00	10/28/2025 03:36	CT007
79-00-5	1,1,2-Trichloroethane	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/23/2025 04:00	10/28/2025 03:36	CT007
75-34-3	1,1-Dichloroethane	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/23/2025 04:00	10/28/2025 03:36	CT007
75-35-4	1,1-Dichloroethene	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/23/2025 04:00	10/28/2025 03:36	CT007
87-61-6	1,2,3-Trichlorobenzene	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/23/2025 04:00	10/28/2025 03:36	CT007
96-18-4	1,2,3-Trichloropropane	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/23/2025 04:00	10/28/2025 03:36	CT007
120-82-1	1,2,4-Trichlorobenzene	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/23/2025 04:00	10/28/2025 03:36	CT007
95-63-6	1,2,4-Trimethylbenzene	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/23/2025 04:00	10/28/2025 03:36	CT007
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/23/2025 04:00	10/28/2025 03:36	CT007
106-93-4	1,2-Dibromoethane	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/23/2025 04:00	10/28/2025 03:36	CT007
95-50-1	1,2-Dichlorobenzene	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/23/2025 04:00	10/28/2025 03:36	CT007
107-06-2	1,2-Dichloroethane	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/23/2025 04:00	10/28/2025 03:36	CT007
78-87-5	1,2-Dichloropropane	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/23/2025 04:00	10/28/2025 03:36	CT007
108-67-8	1,3,5-Trimethylbenzene	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/23/2025 04:00	10/28/2025 03:36	CT007
541-73-1	1,3-Dichlorobenzene	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/23/2025 04:00	10/28/2025 03:36	CT007



Sample Information

Client Sample ID: DUP-2 (comp)

York Sample ID: 25J1519-20

York Project (SDG) No.

25J1519

Client Project ID

HPN Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 23, 2025 4:00 am

Date Received

10/23/2025

Analyzed by: Phoenix Environmental Labs, Inc.

SW8260D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SW8260D

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		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/23/2025 04:00	10/28/2025 03:36	CT007
591-78-6	2-Hexanone	ND		mg/Kg	0.02	1	SW8260D Certifications: NY-11301	10/23/2025 04:00	10/28/2025 03:36	CT007
108-10-1	4-Methyl-2-pentanone	ND		mg/Kg	0.02	1	SW8260D Certifications: NY-11301	10/23/2025 04:00	10/28/2025 03:36	CT007
67-64-1	Acetone	ND		mg/Kg	0.04	1	SW8260D Certifications: NY-11301	10/23/2025 04:00	10/28/2025 03:36	CT007
107-02-8	Acrolein	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/23/2025 04:00	10/28/2025 03:36	CT007
107-13-1	Acrylonitrile	ND		mg/Kg	0.016	1	SW8260D Certifications: NY-11301	10/23/2025 04:00	10/28/2025 03:36	CT007
71-43-2	Benzene	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/23/2025 04:00	10/28/2025 03:36	CT007
74-97-5	Bromochloromethane	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/23/2025 04:00	10/28/2025 03:36	CT007
75-27-4	Bromodichloromethane	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/23/2025 04:00	10/28/2025 03:36	CT007
75-25-2	Bromoform	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/23/2025 04:00	10/28/2025 03:36	CT007
74-83-9	Bromomethane	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/23/2025 04:00	10/28/2025 03:36	CT007
75-15-0	Carbon Disulfide	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/23/2025 04:00	10/28/2025 03:36	CT007
56-23-5	Carbon tetrachloride	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/23/2025 04:00	10/28/2025 03:36	CT007
108-90-7	Chlorobenzene	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/23/2025 04:00	10/28/2025 03:36	CT007
75-00-3	Chloroethane	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/23/2025 04:00	10/28/2025 03:36	CT007
67-66-3	Chloroform	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/23/2025 04:00	10/28/2025 03:36	CT007
74-87-3	Chloromethane	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/23/2025 04:00	10/28/2025 03:36	CT007
156-59-2	cis-1,2-Dichloroethene	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/23/2025 04:00	10/28/2025 03:36	CT007
10061-01-5	cis-1,3-Dichloropropene	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/23/2025 04:00	10/28/2025 03:36	CT007
110-82-7	Cyclohexane	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/23/2025 04:00	10/28/2025 03:36	CT007
124-48-1	Dibromochloromethane	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/23/2025 04:00	10/28/2025 03:36	CT007
74-95-3	Dibromomethane	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/23/2025 04:00	10/28/2025 03:36	CT007
75-71-8	Dichlorodifluoromethane	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/23/2025 04:00	10/28/2025 03:36	CT007



Sample Information

Client Sample ID: DUP-2 (comp)

York Sample ID: 25J1519-20

York Project (SDG) No.

25J1519

Client Project ID

HPN Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 23, 2025 4:00 am

Date Received

10/23/2025

Analyzed by: Phoenix Environmental Labs, Inc.

SW8260D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethylbenzene	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/23/2025 04:00	10/28/2025 03:36	CT007
87-68-3	Hexachlorobutadiene	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/23/2025 04:00	10/28/2025 03:36	CT007
98-82-8	Isopropylbenzene	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/23/2025 04:00	10/28/2025 03:36	CT007
179601-23-1	m&p-Xylene	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/23/2025 04:00	10/28/2025 03:36	CT007
78-93-3	Methyl ethyl ketone	ND		mg/Kg	0.024	1	SW8260D Certifications: NY-11301	10/23/2025 04:00	10/28/2025 03:36	CT007
1634-04-4	Methyl t-butyl ether (MTBE)	ND		mg/Kg	0.0079	1	SW8260D Certifications: NY-11301	10/23/2025 04:00	10/28/2025 03:36	CT007
79-20-9	Methylacetate	ND		mg/Kg	0.04	1	SW8260D Certifications: NY-11301	10/23/2025 04:00	10/28/2025 03:36	CT007
108-87-2	Methylcyclohexane	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/23/2025 04:00	10/28/2025 03:36	CT007
75-09-2	Methylene chloride	ND		mg/Kg	0.02	1	SW8260D Certifications: NY-11301	10/23/2025 04:00	10/28/2025 03:36	CT007
104-51-8	n-Butylbenzene	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/23/2025 04:00	10/28/2025 03:36	CT007
103-65-1	n-Propylbenzene	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/23/2025 04:00	10/28/2025 03:36	CT007
95-47-6	o-Xylene	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/23/2025 04:00	10/28/2025 03:36	CT007
99-87-6	p-Isopropyltoluene	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/23/2025 04:00	10/28/2025 03:36	CT007
135-98-8	sec-Butylbenzene	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/23/2025 04:00	10/28/2025 03:36	CT007
100-42-5	Styrene	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/23/2025 04:00	10/28/2025 03:36	CT007
75-65-0	Tert-butyl alcohol	ND		mg/Kg	0.079	1	SW8260D Certifications: NY-11301	10/23/2025 04:00	10/28/2025 03:36	CT007
98-06-6	tert-Butylbenzene	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/23/2025 04:00	10/28/2025 03:36	CT007
127-18-4	Tetrachloroethene	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/23/2025 04:00	10/28/2025 03:36	CT007
108-88-3	Toluene	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/23/2025 04:00	10/28/2025 03:36	CT007
1330-20-7	Total Xylenes	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/23/2025 04:00	10/28/2025 03:36	CT007
156-60-5	trans-1,2-Dichloroethene	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/23/2025 04:00	10/28/2025 03:36	CT007
10061-02-6	trans-1,3-Dichloropropene	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/23/2025 04:00	10/28/2025 03:36	CT007
110-57-6	trans-1,4-dichloro-2-butene	ND		mg/Kg	0.0079	1	SW8260D Certifications: NY-11301	10/23/2025 04:00	10/28/2025 03:36	CT007



Sample Information

Client Sample ID: DUP-2 (comp)

York Sample ID: 25J1519-20

York Project (SDG) No.

25J1519

Client Project ID

HPN Env Management (JA257006)

Matrix

Soil

Collection Date/Time

October 23, 2025 4:00 am

Date Received

10/23/2025

Analyzed by: Phoenix Environmental Labs, Inc.

SW8260D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-01-6	Trichloroethene	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/23/2025 04:00	10/28/2025 03:36	CT007
75-69-4	Trichlorofluoromethane	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/23/2025 04:00	10/28/2025 03:36	CT007
76-13-1	Trichlorotrifluoroethane	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/23/2025 04:00	10/28/2025 03:36	CT007
75-01-4	Vinyl chloride	ND		mg/Kg	0.004	1	SW8260D Certifications: NY-11301	10/23/2025 04:00	10/28/2025 03:36	CT007
Surrogate Recoveries		Result		Acceptance Range						
2199-69-1	Surrogate: % 1,2-dichlorobenzene-d4	95 %		70-130						
460-00-4	Surrogate: % Bromofluorobenzene	101 %		70-130						
1868-53-7	Surrogate: % Dibromofluoromethane	99 %		70-130						
2037-26-5	Surrogate: % Toluene-d8	91 %		70-130						

SW846-%Solid

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SW846-%Solid

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
PHNX - PCTSOI	Percent Solid	96		%		1	SW846-%Solid Certifications: NY-11301	10/23/2025 04:00	10/27/2025 23:30	CT007

Sample Information

Client Sample ID: Trip Blank

York Sample ID: 25J1519-21

York Project (SDG) No.

25J1519

Client Project ID

HPN Env Management (JA257006)

Matrix

Water

Collection Date/Time

October 23, 2025 11:00 am

Date Received

10/23/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	10/29/2025 07:00	10/29/2025 14:09	PMB
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	10/29/2025 07:00	10/29/2025 14:09	PMB
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	10/29/2025 07:00	10/29/2025 14:09	PMB



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 25J1519-21

York Project (SDG) No.

25J1519

Client Project ID

HPN Env Management (JA257006)

Matrix

Water

Collection Date/Time

October 23, 2025 11:00 am

Date Received

10/23/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D Certifications:	10/29/2025 07:00	10/29/2025 14:09	PMB
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	10/29/2025 07:00	10/29/2025 14:09	PMB
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D Certifications:	10/29/2025 07:00	10/29/2025 14:09	PMB
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	10/29/2025 07:00	10/29/2025 14:09	PMB
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D Certifications:	10/29/2025 07:00	10/29/2025 14:09	PMB
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications:	10/29/2025 07:00	10/29/2025 14:09	PMB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D Certifications:	10/29/2025 07:00	10/29/2025 14:09	PMB
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D Certifications:	10/29/2025 07:00	10/29/2025 14:09	PMB
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications:	10/29/2025 07:00	10/29/2025 14:09	PMB
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications:	10/29/2025 07:00	10/29/2025 14:09	PMB
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications:	10/29/2025 07:00	10/29/2025 14:09	PMB
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	10/29/2025 07:00	10/29/2025 14:09	PMB
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	10/29/2025 07:00	10/29/2025 14:09	PMB
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D Certifications:	10/29/2025 07:00	10/29/2025 14:09	PMB
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications:	10/29/2025 07:00	10/29/2025 14:09	PMB
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D Certifications:	10/29/2025 07:00	10/29/2025 14:09	PMB
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications:	10/29/2025 07:00	10/29/2025 14:09	PMB
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications:	10/29/2025 07:00	10/29/2025 14:09	PMB
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications:	10/29/2025 07:00	10/29/2025 14:09	PMB
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications:	10/29/2025 07:00	10/29/2025 14:09	PMB
67-64-1	Acetone	1.51	J	ug/L	1.34	2.00	1	EPA 8260D Certifications:	10/29/2025 07:00	10/29/2025 14:09	PMB
107-02-8	Acrolein	ND		ug/L	0.447	0.500	1	EPA 8260D Certifications:	10/29/2025 07:00	10/29/2025 14:09	PMB
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications:	10/29/2025 07:00	10/29/2025 14:09	PMB



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 25J1519-21

York Project (SDG) No.

25J1519

Client Project ID

HPN Env Management (JA257006)

Matrix

Water

Collection Date/Time

October 23, 2025 11:00 am

Date Received

10/23/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	10/29/2025 07:00	10/29/2025 14:09	PMB
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications:	10/29/2025 07:00	10/29/2025 14:09	PMB
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D Certifications:	10/29/2025 07:00	10/29/2025 14:09	PMB
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications:	10/29/2025 07:00	10/29/2025 14:09	PMB
74-83-9	Bromomethane	ND	CCVE	ug/L	0.500	2.00	1	EPA 8260D Certifications:	10/29/2025 07:00	10/29/2025 14:09	PMB
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications:	10/29/2025 07:00	10/29/2025 14:09	PMB
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications:	10/29/2025 07:00	10/29/2025 14:09	PMB
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications:	10/29/2025 07:00	10/29/2025 14:09	PMB
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D Certifications:	10/29/2025 07:00	10/29/2025 14:09	PMB
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D Certifications:	10/29/2025 07:00	10/29/2025 14:09	PMB
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260D Certifications:	10/29/2025 07:00	10/29/2025 14:09	PMB
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D Certifications:	10/29/2025 07:00	10/29/2025 14:09	PMB
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications:	10/29/2025 07:00	10/29/2025 14:09	PMB
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D Certifications:	10/29/2025 07:00	10/29/2025 14:09	PMB
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications:	10/29/2025 07:00	10/29/2025 14:09	PMB
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications:	10/29/2025 07:00	10/29/2025 14:09	PMB
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D Certifications:	10/29/2025 07:00	10/29/2025 14:09	PMB
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D Certifications:	10/29/2025 07:00	10/29/2025 14:09	PMB
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D Certifications:	10/29/2025 07:00	10/29/2025 14:09	PMB
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D Certifications:	10/29/2025 07:00	10/29/2025 14:09	PMB
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications:	10/29/2025 07:00	10/29/2025 14:09	PMB
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications:	10/29/2025 07:00	10/29/2025 14:09	PMB
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications:	10/29/2025 07:00	10/29/2025 14:09	PMB



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 25J1519-21

York Project (SDG) No.

25J1519

Client Project ID

HPN Env Management (JA257006)

Matrix

Water

Collection Date/Time

October 23, 2025 11:00 am

Date Received

10/23/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	0.440	J	ug/L	0.397	2.00	1	EPA 8260D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEI	10/29/2025 07:00	10/29/2025 14:09	PMB
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D Certifications: NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-6I	10/29/2025 07:00	10/29/2025 14:09	PMB
104-51-8	n-Butylbenzene	ND	QL-02	ug/L	0.399	0.500	1	EPA 8260D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	10/29/2025 07:00	10/29/2025 14:09	PMB
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	10/29/2025 07:00	10/29/2025 14:09	PMB
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,PADEP	10/29/2025 07:00	10/29/2025 14:09	PMB
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,PADEP	10/29/2025 07:00	10/29/2025 14:09	PMB
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D Certifications:	10/29/2025 07:00	10/29/2025 14:09	PMB
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D Certifications:	10/29/2025 07:00	10/29/2025 14:09	PMB
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	10/29/2025 07:00	10/29/2025 14:09	PMB
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	10/29/2025 07:00	10/29/2025 14:09	PMB
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	10/29/2025 07:00	10/29/2025 14:09	PMB
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D Certifications: NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-6I	10/29/2025 07:00	10/29/2025 14:09	PMB
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	10/29/2025 07:00	10/29/2025 14:09	PMB
127-18-4	Tetrachloroethylene	ND	CCVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	10/29/2025 07:00	10/29/2025 14:09	PMB
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	10/29/2025 07:00	10/29/2025 14:09	PMB
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	10/29/2025 07:00	10/29/2025 14:09	PMB
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	10/29/2025 07:00	10/29/2025 14:09	PMB
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	10/29/2025 07:00	10/29/2025 14:09	PMB
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	10/29/2025 07:00	10/29/2025 14:09	PMB
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	10/29/2025 07:00	10/29/2025 14:09	PMB
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D Certifications: CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	10/29/2025 07:00	10/29/2025 14:09	PMB
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	113 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	105 %	81-117								



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 25J1519-21

York Project (SDG) No.

25J1519

Client Project ID

HPN Env Management (JA257006)

Matrix

Water

Collection Date/Time

October 23, 2025 11:00 am

Date Received

10/23/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	89.7 %			79-122						



Analytical Batch Summary

Batch ID: [none] **Preparation Method:** SW846-%Solid **Prepared By:**

YORK Sample ID	Client Sample ID	Preparation Date
25J1519-04	SB-1 Comp	10/23/25
25J1519-08	SB-2 Comp	10/23/25
25J1519-20	DUP-2 (comp)	10/23/25

Batch ID: 810803A **Preparation Method:** SW8260D **Prepared By:**

YORK Sample ID	Client Sample ID	Preparation Date
25J1519-04	SB-1 Comp	10/23/25
25J1519-08	SB-2 Comp	10/23/25
25J1519-20	DUP-2 (comp)	10/23/25
CU59752-BLK	BLK	
CU59752-LCS	LCS	
CU59752-LCSD	LCSD	
CU59752-MS	MS	

Batch ID: BJ51614 **Preparation Method:** % Solids Prep **Prepared By:** BNF

YORK Sample ID	Client Sample ID	Preparation Date
25J1519-04	SB-1 Comp	10/24/25

Batch ID: BJ51622 **Preparation Method:** EPA 3546 SVOA **Prepared By:** MM

YORK Sample ID	Client Sample ID	Preparation Date
25J1519-08	SB-2 Comp	10/24/25
BJ51622-BLK1	Blank	10/24/25
BJ51622-BS1	LCS	10/24/25
BJ51622-MS1	Matrix Spike	10/24/25
BJ51622-MSD1	Matrix Spike Dup	10/24/25

Batch ID: BJ51623 **Preparation Method:** EPA 3546 PPCB **Prepared By:** MM

YORK Sample ID	Client Sample ID	Preparation Date
25J1519-08	SB-2 Comp	10/24/25
BJ51623-BLK1	Blank	10/24/25
BJ51623-BS2	LCS	10/24/25
BJ51623-MS2	Matrix Spike	10/24/25
BJ51623-MSD2	Matrix Spike Dup	10/24/25

Batch ID: BJ51625 **Preparation Method:** EPA 3546 PPCB **Prepared By:** MM

YORK Sample ID	Client Sample ID	Preparation Date
25J1519-08	SB-2 Comp	10/24/25



BJ51625-BLK1	Blank	10/24/25
BJ51625-BS1	LCS	10/24/25
BJ51625-MS1	Matrix Spike	10/24/25
BJ51625-MSD1	Matrix Spike Dup	10/24/25

Batch ID: BJ51645 **Preparation Method:** % Solids Prep **Prepared By:** DD2

YORK Sample ID	Client Sample ID	Preparation Date
25J1519-02	SB-1 2"-12"	10/24/25
25J1519-03	SB-1 12"-24"	10/24/25
25J1519-05	SB-2 0"-2"	10/24/25
25J1519-06	SB-2 2"-12"	10/24/25
25J1519-07	SB-2 12"-24"	10/24/25
25J1519-09	SB-3 0"-2"	10/24/25
25J1519-10	SB-3 2"-12"	10/24/25
25J1519-11	SB-3 12"-24"	10/24/25
25J1519-12	Dupe (PFAS)	10/24/25
25J1519-14	SB-4 0"-2"	10/24/25
25J1519-15	SB-4 2"-12"	10/24/25
BJ51645-DUP1	Duplicate	10/24/25

Batch ID: BJ51653 **Preparation Method:** % Solids Prep **Prepared By:** DD2

YORK Sample ID	Client Sample ID	Preparation Date
25J1519-16	SB-4 12"-24"	10/24/25
25J1519-17	SB-5 0"-2"	10/24/25
25J1519-18	SB-5 2"-12"	10/24/25
25J1519-19	SB-5 12"-24"	10/24/25
BJ51653-DUP1	Duplicate	10/24/25

Batch ID: BJ51678 **Preparation Method:** EPA 3550C **Prepared By:** RB

YORK Sample ID	Client Sample ID	Preparation Date
25J1519-04	SB-1 Comp	10/26/25
25J1519-20	DUP-2 (comp)	10/26/25
BJ51678-BLK1	Blank	10/26/25
BJ51678-BS2	LCS	10/26/25

Batch ID: BJ51679 **Preparation Method:** EPA 3550C **Prepared By:** RB

YORK Sample ID	Client Sample ID	Preparation Date
25J1519-04	SB-1 Comp	10/26/25
25J1519-20	DUP-2 (comp)	10/26/25
BJ51679-BLK1	Blank	10/26/25
BJ51679-BS1	LCS	10/26/25

Batch ID: BJ51680 **Preparation Method:** EPA 3550C/8151A **Prepared By:** RB



YORK Sample ID	Client Sample ID	Preparation Date
25J1519-04	SB-1 Comp	10/26/25
25J1519-08	SB-2 Comp	10/26/25
25J1519-20	DUP-2 (comp)	10/26/25
BJ51680-BLK1	Blank	10/26/25
BJ51680-BS1	LCS	10/26/25
BJ51680-MS1	Matrix Spike	10/26/25
BJ51680-MSD1	Matrix Spike Dup	10/26/25

Batch ID: BJ51681 **Preparation Method:** EPA 3546 SVOA **Prepared By:** AJF

YORK Sample ID	Client Sample ID	Preparation Date
25J1519-04	SB-1 Comp	10/26/25
25J1519-20	DUP-2 (comp)	10/26/25
BJ51681-BLK1	Blank	10/26/25
BJ51681-BS1	LCS	10/26/25

Batch ID: BJ51682 **Preparation Method:** EPA 3550C **Prepared By:** AJF

YORK Sample ID	Client Sample ID	Preparation Date
25J1519-04	SB-1 Comp	10/26/25
25J1519-08	SB-2 Comp	10/26/25
25J1519-20	DUP-2 (comp)	10/26/25
BJ51682-BLK1	Blank	10/26/25
BJ51682-BS1	LCS	10/26/25
BJ51682-MS1	Matrix Spike	10/26/25
BJ51682-MSD1	Matrix Spike Dup	10/26/25

Batch ID: BJ51684 **Preparation Method:** EPA 8151A **Prepared By:** YL

YORK Sample ID	Client Sample ID	Preparation Date
25J1519-13	Rinsate	10/26/25
BJ51684-BLK1	Blank	10/26/25
BJ51684-BS1	LCS	10/26/25
BJ51684-BSD1	LCS Dup	10/26/25

Batch ID: BJ51686 **Preparation Method:** EPA 3510C **Prepared By:** DD

YORK Sample ID	Client Sample ID	Preparation Date
25J1519-13	Rinsate	10/26/25
BJ51686-BLK1	Blank	10/26/25
BJ51686-BS1	LCS	10/26/25
BJ51686-BSD1	LCS Dup	10/26/25

Batch ID: BJ51687 **Preparation Method:** EPA 3510C **Prepared By:** DD

YORK Sample ID	Client Sample ID	Preparation Date
25J1519-13	Rinsate	10/26/25



BJ51687-BLK2	Blank	10/26/25
BJ51687-BS2	LCS	10/26/25

Batch ID: BJ51692 **Preparation Method:** EPA 1633 Prep **Prepared By:** RC

YORK Sample ID	Client Sample ID	Preparation Date
25J1519-01	SB-1 0"-2"	10/26/25
25J1519-02	SB-1 2"-12"	10/26/25
25J1519-03	SB-1 12"-24"	10/26/25
25J1519-05	SB-2 0"-2"	10/26/25
25J1519-06	SB-2 2"-12"	10/26/25
25J1519-07	SB-2 12"-24"	10/26/25
25J1519-09	SB-3 0"-2"	10/26/25
25J1519-10	SB-3 2"-12"	10/26/25
25J1519-11	SB-3 12"-24"	10/26/25
25J1519-12	Dupe (PFAS)	10/26/25
BJ51692-BLK1	Blank	10/26/25
BJ51692-BS1	LCS	10/26/25
BJ51692-BS2	LCS	10/26/25
BJ51692-DUP1	Duplicate	10/26/25

Batch ID: BJ51702 **Preparation Method:** EPA 3015A **Prepared By:** DHD

YORK Sample ID	Client Sample ID	Preparation Date
25J1519-13	Rinsate	10/27/25
BJ51702-BLK1	Blank	10/27/25
BJ51702-BS1	LCS	10/27/25

Batch ID: BJ51714 **Preparation Method:** % Solids Prep **Prepared By:** CAD

YORK Sample ID	Client Sample ID	Preparation Date
25J1519-08	SB-2 Comp	10/27/25
25J1519-20	DUP-2 (comp)	10/27/25
BJ51714-DUP1	Duplicate	10/27/25

Batch ID: BJ51723 **Preparation Method:** EPA 7473 soil **Prepared By:** JWT

YORK Sample ID	Client Sample ID	Preparation Date
25J1519-04	SB-1 Comp	10/27/25
25J1519-08	SB-2 Comp	10/27/25
25J1519-20	DUP-2 (comp)	10/27/25
BJ51723-BLK1	Blank	10/27/25
BJ51723-DUP1	Duplicate	10/27/25
BJ51723-MS1	Matrix Spike	10/27/25
BJ51723-SRM1	Reference	10/27/25

Batch ID: BJ51735 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** DD



YORK Sample ID	Client Sample ID	Preparation Date
25J1519-13	Rinsate	10/27/25
BJ51735-BLK2	Blank	10/27/25
BJ51735-BS2	LCS	10/27/25
BJ51735-BSD2	LCS Dup	10/27/25

Batch ID: BJ51736 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** DD

YORK Sample ID	Client Sample ID	Preparation Date
25J1519-13	Rinsate	10/27/25
BJ51736-BLK1	Blank	10/27/25
BJ51736-BS1	LCS	10/27/25

Batch ID: BJ51745 **Preparation Method:** EPA 1633 Prep **Prepared By:** RC

YORK Sample ID	Client Sample ID	Preparation Date
25J1519-13	Rinsate	10/27/25
BJ51745-BLK1	Blank	10/27/25
BJ51745-BS1	LCS	10/27/25
BJ51745-BS2	LCS	10/27/25
BJ51745-DUP1	Duplicate	10/27/25

Batch ID: BJ51764 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
25J1519-04	SB-1 Comp	10/27/25
25J1519-08	SB-2 Comp	10/27/25
25J1519-20	DUP-2 (comp)	10/27/25
BJ51764-BLK1	Blank	10/27/25
BJ51764-DUP1	Duplicate	10/27/25
BJ51764-MS1	Matrix Spike	10/27/25
BJ51764-PS1	Post Spike	10/27/25
BJ51764-SRM1	Reference	10/27/25

Batch ID: BJ51784 **Preparation Method:** % Solids Prep **Prepared By:** DD2

YORK Sample ID	Client Sample ID	Preparation Date
25J1519-01	SB-1 0"-2"	10/27/25

Batch ID: BJ51800 **Preparation Method:** EPA SW846-7470A **Prepared By:** DBT

YORK Sample ID	Client Sample ID	Preparation Date
25J1519-13	Rinsate	10/28/25
BJ51800-BLK1	Blank	10/28/25
BJ51800-BLK2	Blank	10/28/25
BJ51800-BS1	LCS	10/28/25
BJ51800-BS2	LCS	10/28/25



Batch ID: BJ51830 **Preparation Method:** EPA 3535A **Prepared By:** YL

YORK Sample ID	Client Sample ID	Preparation Date
25J1519-13	Rinsate	10/28/25
BJ51830-BLK1	Blank	10/28/25
BJ51830-BS1	LCS	10/28/25

Batch ID: BJ51932 **Preparation Method:** EPA 5030B **Prepared By:** PRS

YORK Sample ID	Client Sample ID	Preparation Date
25J1519-13	Rinsate	10/29/25
25J1519-21	Trip Blank	10/29/25
BJ51932-BLK1	Blank	10/29/25
BJ51932-BS1	LCS	10/29/25

Batch ID: BJ52021 **Preparation Method:** EPA 1633 Prep **Prepared By:** MPR

YORK Sample ID	Client Sample ID	Preparation Date
25J1519-04	SB-1 Comp	10/31/25
25J1519-08	SB-2 Comp	10/31/25
25J1519-14	SB-4 0"-2"	10/31/25
25J1519-15	SB-4 2"-12"	10/31/25
25J1519-16	SB-4 12"-24"	10/31/25
25J1519-17	SB-5 0"-2"	10/31/25
25J1519-18	SB-5 2"-12"	10/31/25
25J1519-19	SB-5 12"-24"	10/31/25
BJ52021-BLK1	Blank	10/31/25
BJ52021-BS1	LCS	10/31/25
BJ52021-BS2	LCS	10/31/25
BJ52021-MS1	Matrix Spike	10/31/25
BJ52021-MS2	Matrix Spike	10/31/25
BJ52021-MSD1	Matrix Spike Dup	10/31/25
BJ52021-MSD2	Matrix Spike Dup	10/31/25



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BJ51932 - EPA 5030B

Blank (BJ51932-BLK1)

Prepared & Analyzed: 10/29/2025

1,1,1,2-Tetrachloroethane	ND	0.500	ug/L
1,1,1-Trichloroethane	ND	0.500	"
1,1,2,2-Tetrachloroethane	ND	0.500	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"
1,1,2-Trichloroethane	ND	0.500	"
1,1-Dichloroethane	ND	0.500	"
1,1-Dichloroethylene	ND	0.500	"
1,2,3-Trichlorobenzene	0.340	0.500	"
1,2,3-Trichloropropane	ND	0.500	"
1,2,4-Trichlorobenzene	0.340	0.500	"
1,2,4-Trimethylbenzene	ND	0.500	"
1,2-Dibromo-3-chloropropane	ND	0.500	"
1,2-Dibromoethane	ND	0.500	"
1,2-Dichlorobenzene	ND	0.500	"
1,2-Dichloroethane	ND	0.500	"
1,2-Dichloropropane	ND	0.500	"
1,3,5-Trimethylbenzene	ND	0.500	"
1,3-Dichlorobenzene	ND	0.500	"
1,3-Dichloropropane	ND	0.500	"
1,4-Dichlorobenzene	ND	0.500	"
2-Butanone	ND	0.500	"
2-Hexanone	ND	0.500	"
4-Methyl-2-pentanone	ND	0.500	"
Acetone	ND	2.00	"
Acrolein	0.610	0.500	"
Acrylonitrile	ND	0.500	"
Benzene	ND	0.500	"
Bromochloromethane	ND	0.500	"
Bromodichloromethane	ND	0.500	"
Bromoform	ND	0.500	"
Bromomethane	ND	2.00	"
Carbon disulfide	ND	0.500	"
Carbon tetrachloride	ND	0.500	"
Chlorobenzene	ND	0.500	"
Chloroethane	ND	0.500	"
Chloroform	ND	0.500	"
Chloromethane	ND	0.500	"
cis-1,2-Dichloroethylene	ND	0.500	"
cis-1,3-Dichloropropylene	ND	0.500	"
Cyclohexane	ND	0.500	"
Dibromochloromethane	ND	0.500	"
Dibromomethane	ND	0.500	"
Dichlorodifluoromethane	ND	0.500	"
Ethyl Benzene	ND	0.500	"
Hexachlorobutadiene	0.410	0.500	"
Isopropylbenzene	ND	0.500	"
Methyl acetate	ND	0.500	"
Methyl tert-butyl ether (MTBE)	ND	0.500	"
Methylcyclohexane	ND	0.500	"



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BJ51932 - EPA 5030B

Blank (BJ51932-BLK1)

Prepared & Analyzed: 10/29/2025

Methylene chloride	ND	2.00	ug/L
Naphthalene	0.270	2.00	"
n-Butylbenzene	ND	0.500	"
n-Propylbenzene	ND	0.500	"
o-Xylene	ND	0.500	"
p- & m- Xylenes	ND	1.00	"
p-Diethylbenzene	ND	0.500	"
p-Ethyltoluene	ND	0.500	"
p-Isopropyltoluene	ND	0.500	"
sec-Butylbenzene	ND	0.500	"
Styrene	ND	0.500	"
tert-Butyl alcohol (TBA)	0.690	1.00	"
tert-Butylbenzene	ND	0.500	"
Tetrachloroethylene	ND	0.500	"
Toluene	ND	0.500	"
trans-1,2-Dichloroethylene	ND	0.500	"
trans-1,3-Dichloropropylene	ND	0.500	"
Trichloroethylene	ND	0.500	"
Trichlorofluoromethane	ND	0.500	"
Vinyl Chloride	ND	0.500	"
Xylenes, Total	ND	1.50	"

Surrogate: SURR: 1,2-Dichloroethane-d4

11.0

"

10.0

110

70-130

Surrogate: SURR: Toluene-d8

10.8

"

10.0

108

81-117

Surrogate: SURR: p-Bromofluorobenzene

9.13

"

10.0

91.3

79-122

LCS (BJ51932-BS1)

Prepared & Analyzed: 10/29/2025

1,1,1,2-Tetrachloroethane	10.2		ug/L	10.0	102	82-126	
1,1,1-Trichloroethane	10.4		"	10.0	104	78-130	
1,1,2,2-Tetrachloroethane	8.16		"	10.0	81.6	76-129	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.0		"	10.0	120	70-130	
1,1,2-Trichloroethane	9.50		"	10.0	95.0	82-123	
1,1-Dichloroethane	8.76		"	10.0	87.6	82-129	
1,1-Dichloroethylene	10.2		"	10.0	102	70-130	
1,2,3-Trichlorobenzene	17.8		"	10.0	178	76-130	High Bias
1,2,3-Trichloropropane	8.21		"	10.0	82.1	77-128	
1,2,4-Trichlorobenzene	17.8		"	10.0	178	76-130	High Bias
1,2,4-Trimethylbenzene	9.66		"	10.0	96.6	82-132	
1,2-Dibromo-3-chloropropane	8.14		"	10.0	81.4	45-147	
1,2-Dibromoethane	9.88		"	10.0	98.8	83-124	
1,2-Dichlorobenzene	9.31		"	10.0	93.1	79-123	
1,2-Dichloroethane	9.73		"	10.0	97.3	73-130	
1,2-Dichloropropane	8.79		"	10.0	87.9	78-126	
1,3,5-Trimethylbenzene	9.65		"	10.0	96.5	80-131	
1,3-Dichlorobenzene	9.34		"	10.0	93.4	86-122	
1,3-Dichloropropane	8.96		"	10.0	89.6	81-125	
1,4-Dichlorobenzene	9.30		"	10.0	93.0	85-124	
2-Butanone	8.81		"	10.0	88.1	49-152	
2-Hexanone	7.98		"	10.0	79.8	51-146	
4-Methyl-2-pentanone	8.56		"	10.0	85.6	57-145	
Acetone	7.61		"	10.0	76.1	40-150	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ51932 - EPA 5030B											
LCS (BJ51932-BS1)						Prepared & Analyzed: 10/29/2025					
Acrolein	33.6		ug/L	40.0		84.0	10-153				
Acrylonitrile	7.95		"	10.0		79.5	51-150				
Benzene	9.55		"	10.0		95.5	85-126				
Bromochloromethane	9.23		"	10.0		92.3	77-128				
Bromodichloromethane	9.60		"	10.0		96.0	79-128				
Bromoform	10.0		"	10.0		100	78-130				
Bromomethane	8.89		"	9.98		89.1	43-160				
Carbon disulfide	9.93		"	10.0		99.3	68-146				
Carbon tetrachloride	10.5		"	10.0		105	77-130				
Chlorobenzene	10.2		"	10.0		102	88-120				
Chloroethane	14.1		"	10.0		141	65-136	High Bias			
Chloroform	9.69		"	10.0		96.9	82-128				
Chloromethane	7.54		"	10.0		75.4	43-155				
cis-1,2-Dichloroethylene	9.48		"	10.0		94.8	83-129				
cis-1,3-Dichloropropylene	9.54		"	10.0		95.4	80-130				
Cyclohexane	8.16		"	10.0		81.6	70-130				
Dibromochloromethane	10.2		"	10.0		102	80-130				
Dibromomethane	9.44		"	10.0		94.4	72-134				
Dichlorodifluoromethane	10.0		"	10.0		100	44-144				
Ethyl Benzene	10.6		"	10.0		106	80-130				
Hexachlorobutadiene	18.4		"	10.0		184	67-146	High Bias			
Isopropylbenzene	8.96		"	10.0		89.6	76-130				
Methyl acetate	8.71		"	10.0		87.1	70-130				
Methyl tert-butyl ether (MTBE)	10.7		"	10.0		107	76-130				
Methylcyclohexane	8.95		"	10.0		89.5	72-130				
Methylene chloride	9.44		"	10.0		94.4	70-130				
Naphthalene	13.5		"	10.0		135	70-147				
n-Butylbenzene	7.37		"	10.0		73.7	79-132	Low Bias			
n-Propylbenzene	9.14		"	10.0		91.4	78-133				
o-Xylene	10.5		"	10.0		105	78-130				
p- & m- Xylenes	22.7		"	20.0		113	77-130				
p-Diethylbenzene	10.8		"	10.0		108	84-134				
p-Ethyltoluene	9.81		"	10.0		98.1	88-129				
p-Isopropyltoluene	10.3		"	10.0		103	81-136				
sec-Butylbenzene	9.59		"	10.0		95.9	79-137				
Styrene	9.72		"	10.0		97.2	70-130				
tert-Butyl alcohol (TBA)	49.6		"	50.0		99.3	25-162				
tert-Butylbenzene	8.96		"	10.0		89.6	77-138				
Tetrachloroethylene	5.29		"	10.0		52.9	82-130	Low Bias			
Toluene	10.7		"	10.0		107	80-127				
trans-1,2-Dichloroethylene	10.4		"	10.0		104	80-130				
trans-1,3-Dichloropropylene	9.48		"	10.0		94.8	78-130				
Trichloroethylene	9.22		"	10.0		92.2	82-128				
Trichlorofluoromethane	12.4		"	10.1		123	67-139				
Vinyl Chloride	9.98		"	10.1		98.8	70-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	11.0		"	10.0		110	70-130				
Surrogate: SURR: Toluene-d8	10.7		"	10.0		107	81-117				
Surrogate: SURR: p-Bromofluorobenzene	9.09		"	10.0		90.9	79-122				



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 BJ51622 - EPA 3546 SVOA

Blank (BJ51622-BLK1)

Prepared & Analyzed: 10/24/2025

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	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	"
Bis(2-ethylhexyl)phthalate	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

Batch BJ51622 - EPA 3546 SVOA

Blank (BJ51622-BLK1)

Prepared & Analyzed: 10/24/2025

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	"
Diphenylamine	ND	0.0830	"
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	"

Surrogate: SURR: 2-Fluorophenol	0.815	"	1.66	49.1	20-108
Surrogate: SURR: Phenol-d6	0.799	"	1.66	48.1	23-114
Surrogate: SURR: Nitrobenzene-d5	0.376	"	0.831	45.3	22-108
Surrogate: SURR: 2-Fluorobiphenyl	0.378	"	0.831	45.6	21-113
Surrogate: SURR: 2,4,6-Tribromophenol	0.547	"	1.66	32.9	19-110
Surrogate: SURR: Terphenyl-d14	0.386	"	0.831	46.4	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 BJ51622 - EPA 3546 SVOA

LCS (BJ51622-BS1)

Prepared & Analyzed: 10/24/2025

1,1-Biphenyl	0.352	0.0416	mg/kg wet	0.831		42.4	70-111	Low Bias
1,2,4,5-Tetrachlorobenzene	0.506	0.0830	"	0.831		61.0	70-130	Low Bias
1,2,4-Trichlorobenzene	0.334	0.0416	"	0.831		40.2	10-140	
1,2-Dichlorobenzene	0.326	0.0416	"	0.831		39.3	34-108	
1,2-Diphenylhydrazine (as Azobenzene)	0.423	0.0416	"	0.831		50.9	17-137	
1,3-Dichlorobenzene	0.323	0.0416	"	0.831		38.9	33-110	
1,4-Dichlorobenzene	0.323	0.0416	"	0.831		38.8	32-104	
2,3,4,6-Tetrachlorophenol	0.338	0.0830	"	0.831		40.7	70-130	Low Bias
2,4,5-Trichlorophenol	0.342	0.0416	"	0.831		41.2	70-118	Low Bias
2,4,6-Trichlorophenol	0.329	0.0416	"	0.831		39.6	70-120	Low Bias
2,4-Dichlorophenol	0.358	0.0416	"	0.831		43.2	70-127	Low Bias
2,4-Dimethylphenol	0.375	0.0416	"	0.831		45.2	70-130	Low Bias
2,4-Dinitrophenol	ND	0.0830	"	0.831			20-160	Low Bias
2,4-Dinitrotoluene	0.335	0.0416	"	0.831		40.4	70-130	Low Bias
2,6-Dinitrotoluene	0.348	0.0416	"	0.831		41.8	70-128	Low Bias
2-Chloronaphthalene	0.351	0.0416	"	0.831		42.2	70-117	Low Bias
2-Chlorophenol	0.361	0.0416	"	0.831		43.5	70-113	Low Bias
2-Methylnaphthalene	0.318	0.0416	"	0.831		38.3	70-130	Low Bias
2-Methylphenol	0.376	0.0416	"	0.831		45.3	70-130	Low Bias
2-Nitroaniline	0.371	0.0830	"	0.831		44.6	70-130	Low Bias
2-Nitrophenol	0.321	0.0416	"	0.831		38.6	70-129	Low Bias
3- & 4-Methylphenols	0.333	0.0416	"	0.831		40.0	29-103	
3,3-Dichlorobenzidine	0.318	0.0416	"	0.831		38.3	70-130	Low Bias
3-Nitroaniline	0.293	0.0830	"	0.831		35.3	70-130	Low Bias
4,6-Dinitro-2-methylphenol	0.119	0.0830	"	0.831		14.4	70-130	Low Bias
4-Bromophenyl phenyl ether	0.373	0.0416	"	0.831		44.9	70-120	Low Bias
4-Chloro-3-methylphenol	0.369	0.0416	"	0.831		44.4	70-129	Low Bias
4-Chloroaniline	0.202	0.0416	"	0.831		24.4	70-130	Low Bias
4-Chlorophenyl phenyl ether	0.319	0.0416	"	0.831		38.4	70-124	Low Bias
4-Nitroaniline	0.317	0.0830	"	0.831		38.2	70-128	Low Bias
4-Nitrophenol	0.312	0.0830	"	0.831		37.5	20-141	
Acenaphthene	0.329	0.0416	"	0.831		39.6	70-121	Low Bias
Acenaphthylene	0.361	0.0416	"	0.831		43.4	70-115	Low Bias
Acetophenone	0.372	0.0416	"	0.831		44.8	70-112	Low Bias
Aniline	0.259	0.166	"	0.831		31.2	10-119	
Anthracene	0.358	0.0416	"	0.831		43.2	70-118	Low Bias
Atrazine	0.409	0.0416	"	0.831		49.3	70-112	Low Bias
Benzaldehyde	0.307	0.0416	"	0.831		36.9	21-100	
Benzo(a)anthracene	0.383	0.0416	"	0.831		46.1	70-122	Low Bias
Benzo(a)pyrene	0.357	0.0416	"	0.831		43.0	70-130	Low Bias
Benzo(b)fluoranthene	0.365	0.0416	"	0.831		44.0	70-130	Low Bias
Benzo(g,h,i)perylene	0.333	0.0416	"	0.831		40.0	70-130	Low Bias
Benzo(k)fluoranthene	0.362	0.0416	"	0.831		43.6	70-128	Low Bias
Benzoic acid	ND	0.0416	"	0.831			10-140	Low Bias
Benzyl alcohol	0.347	0.0416	"	0.831		41.8	30-115	
Benzyl butyl phthalate	0.377	0.0416	"	0.831		45.4	70-126	Low Bias
Bis(2-chloroethoxy)methane	0.359	0.0416	"	0.831		43.2	70-130	Low Bias
Bis(2-chloroethyl)ether	0.334	0.0416	"	0.831		40.2	70-125	Low Bias
Bis(2-chloroisopropyl)ether	0.383	0.0416	"	0.831		46.1	70-130	Low Bias
Bis(2-ethylhexyl)phthalate	0.390	0.0416	"	0.831		46.9	70-130	Low Bias
Caprolactam	0.506	0.0830	"	0.831		61.0	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

Batch BJ51622 - EPA 3546 SVOA

LCS (BJ51622-BS1)

Prepared & Analyzed: 10/24/2025

Carbazole	0.353	0.0416	mg/kg wet	0.831		42.5	70-123	Low Bias		
Chrysene	0.366	0.0416	"	0.831		44.0	70-123	Low Bias		
Dibenzo(a,h)anthracene	0.337	0.0416	"	0.831		40.6	70-130	Low Bias		
Dibenzofuran	0.337	0.0416	"	0.831		40.6	70-121	Low Bias		
Diethyl phthalate	0.338	0.0416	"	0.831		40.7	70-116	Low Bias		
Dimethyl phthalate	0.339	0.0416	"	0.831		40.8	70-124	Low Bias		
Di-n-butyl phthalate	0.380	0.0416	"	0.831		45.8	70-116	Low Bias		
Di-n-octyl phthalate	0.407	0.0416	"	0.831		49.0	70-130	Low Bias		
Diphenylamine	0.452	0.0830	"	0.831		54.5	40-140			
Fluoranthene	0.353	0.0416	"	0.831		42.5	70-122	Low Bias		
Fluorene	0.335	0.0416	"	0.831		40.3	70-123	Low Bias		
Hexachlorobenzene	0.369	0.0416	"	0.831		44.5	70-124	Low Bias		
Hexachlorobutadiene	0.318	0.0416	"	0.831		38.3	70-130	Low Bias		
Hexachlorocyclopentadiene	0.0940	0.0416	"	0.831		11.3	20-129	Low Bias		
Hexachloroethane	0.303	0.0416	"	0.831		36.5	28-108			
Indeno(1,2,3-cd)pyrene	0.414	0.0416	"	0.831		49.8	70-130	Low Bias		
Isophorone	0.367	0.0416	"	0.831		44.2	70-130	Low Bias		
Naphthalene	0.346	0.0416	"	0.831		41.7	70-124	Low Bias		
Nitrobenzene	0.359	0.0416	"	0.831		43.3	70-130	Low Bias		
N-Nitrosodimethylamine	0.307	0.0416	"	0.831		37.0	11-129			
N-nitroso-di-n-propylamine	0.339	0.0416	"	0.831		40.8	70-119	Low Bias		
N-Nitrosodiphenylamine	0.451	0.0416	"	0.831		54.3	70-130	Low Bias		
Pentachlorophenol	0.319	0.0416	"	0.831		38.4	20-139			
Phenanthrene	0.364	0.0416	"	0.831		43.8	70-123	Low Bias		
Phenol	0.390	0.0416	"	0.831		46.9	23-115			
Pyrene	0.366	0.0416	"	0.831		44.1	70-130	Low Bias		
Surrogate: SURR: 2-Fluorophenol	0.692		"	1.66		41.6	30-108			
Surrogate: SURR: Phenol-d6	0.677		"	1.66		40.7	30-114			
Surrogate: SURR: Nitrobenzene-d5	0.321		"	0.831		38.6	30-108			
Surrogate: SURR: 2-Fluorobiphenyl	0.322		"	0.831		38.7	30-113			
Surrogate: SURR: 2,4,6-Tribromophenol	0.708		"	1.66		42.6	30-110			
Surrogate: SURR: Terphenyl-d14	0.334		"	0.831		40.2	30-116			



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 BJ51622 - EPA 3546 SVOA											
Matrix Spike (BJ51622-MS1)		*Source sample: 25J1519-08 (SB-2 Comp)						Prepared & Analyzed: 10/24/2025			
1,1-Biphenyl	0.544	0.0887	mg/kg dry	0.886	ND	61.4	70-130	Low Bias			
1,2,4,5-Tetrachlorobenzene	0.730	0.177	"	0.886	ND	82.4	70-130				
1,2,4-Trichlorobenzene	0.583	0.0887	"	0.886	ND	65.8	10-127				
1,2-Dichlorobenzene	0.514	0.0887	"	0.886	ND	58.0	14-111				
1,2-Diphenylhydrazine (as Azobenzene)	0.509	0.0887	"	0.886	ND	57.4	10-144				
1,3-Dichlorobenzene	0.508	0.0887	"	0.886	ND	57.4	11-111				
1,4-Dichlorobenzene	0.510	0.0887	"	0.886	ND	57.5	10-106				
2,3,4,6-Tetrachlorophenol	0.631	0.177	"	0.886	ND	71.2	70-130				
2,4,5-Trichlorophenol	0.613	0.0887	"	0.886	ND	69.2	70-127	Low Bias			
2,4,6-Trichlorophenol	0.573	0.0887	"	0.886	ND	64.6	70-130	Low Bias			
2,4-Dichlorophenol	0.563	0.0887	"	0.886	ND	63.5	70-128	Low Bias			
2,4-Dimethylphenol	0.532	0.0887	"	0.886	ND	60.0	70-130	Low Bias			
2,4-Dinitrophenol	0.257	0.177	"	0.886	ND	29.0	20-160				
2,4-Dinitrotoluene	0.570	0.0887	"	0.886	ND	64.3	70-130	Low Bias			
2,6-Dinitrotoluene	0.547	0.0887	"	0.886	ND	61.8	70-130	Low Bias			
2-Chloronaphthalene	0.545	0.0887	"	0.886	ND	61.5	70-129	Low Bias			
2-Chlorophenol	0.518	0.0887	"	0.886	ND	58.5	70-116	Low Bias			
2-Methylnaphthalene	0.517	0.0887	"	0.886	ND	58.3	70-130	Low Bias			
2-Methylphenol	0.477	0.0887	"	0.886	ND	53.8	70-130	Low Bias			
2-Nitroaniline	0.548	0.177	"	0.886	ND	61.8	70-130	Low Bias			
2-Nitrophenol	0.584	0.0887	"	0.886	ND	65.9	70-129	Low Bias			
3- & 4-Methylphenols	0.431	0.0887	"	0.886	ND	48.6	20-123				
3,3-Dichlorobenzidine	0.473	0.0887	"	0.886	ND	53.4	70-155	Low Bias			
3-Nitroaniline	0.460	0.177	"	0.886	ND	51.9	70-130	Low Bias			
4,6-Dinitro-2-methylphenol	0.539	0.177	"	0.886	ND	60.9	70-130	Low Bias			
4-Bromophenyl phenyl ether	0.592	0.0887	"	0.886	ND	66.8	70-128	Low Bias			
4-Chloro-3-methylphenol	0.550	0.0887	"	0.886	ND	62.1	70-130	Low Bias			
4-Chloroaniline	0.298	0.0887	"	0.886	ND	33.6	70-130	Low Bias			
4-Chlorophenyl phenyl ether	0.553	0.0887	"	0.886	ND	62.4	70-130	Low Bias			
4-Nitroaniline	0.471	0.177	"	0.886	ND	53.1	70-130	Low Bias			
4-Nitrophenol	0.500	0.177	"	0.886	ND	56.4	20-137				
Acenaphthene	0.513	0.0887	"	0.886	ND	57.9	70-130	Low Bias			
Acenaphthylene	0.566	0.0887	"	0.886	ND	63.8	70-130	Low Bias			
Acetophenone	0.464	0.0887	"	0.886	ND	52.4	70-116	Low Bias			
Aniline	0.319	0.355	"	0.886	ND	36.0	10-123				
Anthracene	0.553	0.0887	"	0.886	ND	62.4	70-130	Low Bias			
Atrazine	0.472	0.0887	"	0.886	ND	53.3	70-115	Low Bias			
Benzaldehyde	0.379	0.0887	"	0.886	ND	42.7	20-125				
Benzo(a)anthracene	0.564	0.0887	"	0.886	ND	63.7	70-130	Low Bias			
Benzo(a)pyrene	0.456	0.0887	"	0.886	ND	51.4	70-130	Low Bias			
Benzo(b)fluoranthene	0.472	0.0887	"	0.886	ND	53.3	70-130	Low Bias			
Benzo(g,h,i)perylene	0.498	0.0887	"	0.886	ND	56.2	70-130	Low Bias			
Benzo(k)fluoranthene	0.480	0.0887	"	0.886	ND	54.2	70-130	Low Bias			
Benzoic acid	0.0482	0.0887	"	0.886	ND	5.44	10-166	Low Bias			
Benzyl alcohol	0.434	0.0887	"	0.886	ND	49.0	12-124				
Benzyl butyl phthalate	0.547	0.0887	"	0.886	ND	61.8	70-130	Low Bias			
Bis(2-chloroethoxy)methane	0.504	0.0887	"	0.886	ND	56.9	70-130	Low Bias			
Bis(2-chloroethyl)ether	0.464	0.0887	"	0.886	ND	52.3	70-119	Low Bias			
Bis(2-chloroisopropyl)ether	0.387	0.0887	"	0.886	ND	43.7	70-130	Low Bias			
Bis(2-ethylhexyl)phthalate	0.559	0.0887	"	0.886	ND	63.1	70-130	Low Bias			
Caprolactam	0.507	0.177	"	0.886	ND	57.2	20-132				



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 BJ51622 - EPA 3546 SVOA

Matrix Spike (BJ51622-MS1)		*Source sample: 25J1519-08 (SB-2 Comp)					Prepared & Analyzed: 10/24/2025				
Carbazole	0.527	0.0887	mg/kg dry	0.886	ND	59.4	70-130	Low Bias			
Chrysene	0.574	0.0887	"	0.886	ND	64.7	70-130	Low Bias			
Dibenzo(a,h)anthracene	0.478	0.0887	"	0.886	ND	53.9	70-130	Low Bias			
Dibenzofuran	0.556	0.0887	"	0.886	ND	62.8	70-130	Low Bias			
Diethyl phthalate	0.528	0.0887	"	0.886	ND	59.6	70-120	Low Bias			
Dimethyl phthalate	0.538	0.0887	"	0.886	ND	60.7	70-130	Low Bias			
Di-n-butyl phthalate	0.541	0.0887	"	0.886	ND	61.0	70-130	Low Bias			
Di-n-octyl phthalate	0.521	0.0887	"	0.886	ND	58.8	70-130	Low Bias			
Diphenylamine	0.668	0.177	"	0.886	ND	75.4	40-140				
Fluoranthene	0.511	0.0887	"	0.886	0.0574	51.2	70-130	Low Bias			
Fluorene	0.547	0.0887	"	0.886	ND	61.8	70-130	Low Bias			
Hexachlorobenzene	0.532	0.0887	"	0.886	ND	60.0	70-130	Low Bias			
Hexachlorobutadiene	0.622	0.0887	"	0.886	ND	70.2	70-130				
Hexachlorocyclopentadiene	0.393	0.0887	"	0.886	ND	44.3	20-106				
Hexachloroethane	0.488	0.0887	"	0.886	ND	55.1	20-110				
Indeno(1,2,3-cd)pyrene	0.542	0.0887	"	0.886	ND	61.2	70-130	Low Bias			
Isophorone	0.503	0.0887	"	0.886	ND	56.8	70-130	Low Bias			
Naphthalene	0.564	0.0887	"	0.886	ND	63.6	70-130	Low Bias			
Nitrobenzene	0.493	0.0887	"	0.886	ND	55.6	70-130	Low Bias			
N-Nitrosodimethylamine	0.367	0.0887	"	0.886	ND	41.4	10-126				
N-nitroso-di-n-propylamine	0.425	0.0887	"	0.886	ND	47.9	70-125	Low Bias			
N-Nitrosodiphenylamine	0.656	0.0887	"	0.886	ND	74.0	70-130				
Pentachlorophenol	0.539	0.0887	"	0.886	ND	60.8	20-153				
Phenanthrene	0.557	0.0887	"	0.886	ND	62.9	70-130	Low Bias			
Phenol	0.477	0.0887	"	0.886	ND	53.8	20-126				
Pyrene	0.624	0.0887	"	0.886	0.0525	64.5	70-130	Low Bias			
Surrogate: SURR: 2-Fluorophenol	1.89		"	1.77		107	30-108				
Surrogate: SURR: Phenol-d6	1.78		"	1.77		100	30-114				
Surrogate: SURR: Nitrobenzene-d5	0.982		"	0.886		111	30-108				
Surrogate: SURR: 2-Fluorobiphenyl	1.12		"	0.886		127	30-113				
Surrogate: SURR: 2,4,6-Tribromophenol	2.97		"	1.77		167	30-110				
Surrogate: SURR: Terphenyl-d14	1.24		"	0.886		140	30-116				



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 BJ51622 - EPA 3546 SVOA											
Matrix Spike Dup (BJ51622-MSD1)		*Source sample: 25J1519-08 (SB-2 Comp)					Prepared & Analyzed: 10/24/2025				
1,1-Biphenyl	0.482	0.0887	mg/kg dry	0.886	ND	54.4	10-130		12.0	30	
1,2,4,5-Tetrachlorobenzene	0.647	0.177	"	0.886	ND	73.0	10-133		12.2	30	
1,2,4-Trichlorobenzene	0.517	0.0887	"	0.886	ND	58.4	10-127		12.0	30	
1,2-Dichlorobenzene	0.475	0.0887	"	0.886	ND	53.6	14-111		7.89	30	
1,2-Diphenylhydrazine (as Azobenzene)	0.459	0.0887	"	0.886	ND	51.8	10-144		10.2	30	
1,3-Dichlorobenzene	0.466	0.0887	"	0.886	ND	52.6	11-111		8.58	30	
1,4-Dichlorobenzene	0.467	0.0887	"	0.886	ND	52.7	10-106		8.71	30	
2,3,4,6-Tetrachlorophenol	0.563	0.177	"	0.886	ND	63.5	30-130		11.4	30	
2,4,5-Trichlorophenol	0.537	0.0887	"	0.886	ND	60.6	10-127		13.3	30	
2,4,6-Trichlorophenol	0.501	0.0887	"	0.886	ND	56.6	10-132		13.3	30	
2,4-Dichlorophenol	0.501	0.0887	"	0.886	ND	56.6	10-128		11.6	30	
2,4-Dimethylphenol	0.480	0.0887	"	0.886	ND	54.2	10-137		10.2	30	
2,4-Dinitrophenol	0.211	0.177	"	0.886	ND	23.8	10-171		19.7	30	
2,4-Dinitrotoluene	0.513	0.0887	"	0.886	ND	57.9	16-135		10.5	30	
2,6-Dinitrotoluene	0.498	0.0887	"	0.886	ND	56.2	18-131		9.50	30	
2-Chloronaphthalene	0.493	0.0887	"	0.886	ND	55.6	10-129		10.1	30	
2-Chlorophenol	0.474	0.0887	"	0.886	ND	53.5	15-116		8.86	30	
2-Methylnaphthalene	0.464	0.0887	"	0.886	ND	52.4	10-147		10.7	30	
2-Methylphenol	0.444	0.0887	"	0.886	ND	50.2	10-136		7.08	30	
2-Nitroaniline	0.502	0.177	"	0.886	ND	56.6	10-137		8.78	30	
2-Nitrophenol	0.529	0.0887	"	0.886	ND	59.7	10-129		9.94	30	
3- & 4-Methylphenols	0.386	0.0887	"	0.886	ND	43.5	10-123		11.1	30	
3,3-Dichlorobenzidine	0.423	0.0887	"	0.886	ND	47.8	10-155		11.1	30	
3-Nitroaniline	0.423	0.177	"	0.886	ND	47.7	12-133		8.51	30	
4,6-Dinitro-2-methylphenol	0.476	0.177	"	0.886	ND	53.8	10-155		12.4	30	
4-Bromophenyl phenyl ether	0.518	0.0887	"	0.886	ND	58.5	14-128		13.3	30	
4-Chloro-3-methylphenol	0.492	0.0887	"	0.886	ND	55.5	10-134		11.2	30	
4-Chloroaniline	0.275	0.0887	"	0.886	ND	31.0	10-145		7.92	30	
4-Chlorophenyl phenyl ether	0.497	0.0887	"	0.886	ND	56.1	14-130		10.7	30	
4-Nitroaniline	0.428	0.177	"	0.886	ND	48.3	10-147		9.46	30	
4-Nitrophenol	0.439	0.177	"	0.886	ND	49.5	10-137		13.0	30	
Acenaphthene	0.454	0.0887	"	0.886	ND	51.2	10-146		12.3	30	
Acenaphthylene	0.503	0.0887	"	0.886	ND	56.7	10-134		11.8	30	
Acetophenone	0.424	0.0887	"	0.886	ND	47.8	10-116		9.10	30	
Aniline	0.286	0.355	"	0.886	ND	32.2	10-123		11.0	30	
Anthracene	0.496	0.0887	"	0.886	ND	56.0	10-142		10.8	30	
Atrazine	0.416	0.0887	"	0.886	ND	47.0	19-115		12.6	30	
Benzaldehyde	0.336	0.0887	"	0.886	ND	37.9	10-125		11.9	30	
Benzo(a)anthracene	0.513	0.0887	"	0.886	ND	57.9	10-158		9.47	30	
Benzo(a)pyrene	0.445	0.0887	"	0.886	ND	50.2	10-180		2.36	30	
Benzo(b)fluoranthene	0.464	0.0887	"	0.886	ND	52.3	10-200		1.82	30	
Benzo(g,h,i)perylene	0.450	0.0887	"	0.886	ND	50.8	10-138		10.0	30	
Benzo(k)fluoranthene	0.467	0.0887	"	0.886	ND	52.7	10-197		2.69	30	
Benzoic acid	0.0815	0.0887	"	0.886	ND	9.20	10-166	Low Bias	51.4	30	Non-dir.
Benzyl alcohol	0.412	0.0887	"	0.886	ND	46.5	12-124		5.20	30	
Benzyl butyl phthalate	0.477	0.0887	"	0.886	ND	53.8	10-154		13.7	30	
Bis(2-chloroethoxy)methane	0.456	0.0887	"	0.886	ND	51.4	10-132		10.0	30	
Bis(2-chloroethyl)ether	0.430	0.0887	"	0.886	ND	48.5	10-119		7.62	30	
Bis(2-chloroisopropyl)ether	0.347	0.0887	"	0.886	ND	39.1	10-139		11.0	30	
Bis(2-ethylhexyl)phthalate	0.486	0.0887	"	0.886	ND	54.9	10-167		14.0	30	
Caprolactam	0.458	0.177	"	0.886	ND	51.7	10-132		10.1	30	



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 BJ51622 - EPA 3546 SVOA

Matrix Spike Dup (BJ51622-MSD1)	*Source sample: 25J1519-08 (SB-2 Comp)					Prepared & Analyzed: 10/24/2025					
Carbazole	0.468	0.0887	mg/kg dry	0.886	ND	52.8	10-167		11.8	30	
Chrysene	0.520	0.0887	"	0.886	ND	58.7	10-156		9.72	30	
Dibenzo(a,h)anthracene	0.444	0.0887	"	0.886	ND	50.2	10-137		7.23	30	
Dibenzofuran	0.503	0.0887	"	0.886	ND	56.7	10-147		10.2	30	
Diethyl phthalate	0.474	0.0887	"	0.886	ND	53.4	20-120		10.9	30	
Dimethyl phthalate	0.486	0.0887	"	0.886	ND	54.9	18-131		10.1	30	
Di-n-butyl phthalate	0.483	0.0887	"	0.886	ND	54.6	10-137		11.2	30	
Di-n-octyl phthalate	0.473	0.0887	"	0.886	ND	53.4	10-180		9.70	30	
Diphenylamine	0.591	0.177	"	0.886	ND	66.7	40-140		12.2	30	
Fluoranthene	0.474	0.0887	"	0.886	0.0574	47.0	10-160		7.48	30	
Fluorene	0.493	0.0887	"	0.886	ND	55.7	10-157		10.4	30	
Hexachlorobenzene	0.473	0.0887	"	0.886	ND	53.4	10-137		11.7	30	
Hexachlorobutadiene	0.550	0.0887	"	0.886	ND	62.1	10-132		12.2	30	
Hexachlorocyclopentadiene	0.338	0.0887	"	0.886	ND	38.2	10-106		14.9	30	
Hexachloroethane	0.461	0.0887	"	0.886	ND	52.0	10-110		5.83	30	
Indeno(1,2,3-cd)pyrene	0.501	0.0887	"	0.886	ND	56.6	10-144		7.88	30	
Isophorone	0.451	0.0887	"	0.886	ND	50.9	10-132		11.0	30	
Naphthalene	0.517	0.0887	"	0.886	ND	58.4	10-141		8.52	30	
Nitrobenzene	0.446	0.0887	"	0.886	ND	50.3	10-131		9.97	30	
N-Nitrosodimethylamine	0.340	0.0887	"	0.886	ND	38.4	10-126		7.62	30	
N-nitroso-di-n-propylamine	0.382	0.0887	"	0.886	ND	43.1	10-125		10.5	30	
N-Nitrosodiphenylamine	0.586	0.0887	"	0.886	ND	66.1	10-177		11.3	30	
Pentachlorophenol	0.452	0.0887	"	0.886	ND	51.0	10-153		17.6	30	
Phenanthrene	0.503	0.0887	"	0.886	ND	56.8	10-148		10.2	30	
Phenol	0.440	0.0887	"	0.886	ND	49.7	10-126		8.04	30	
Pyrene	0.532	0.0887	"	0.886	0.0525	54.2	10-165		15.8	30	
Surrogate: SURR: 2-Fluorophenol	1.72		"	1.77		97.3	20-108				
Surrogate: SURR: Phenol-d6	1.60		"	1.77		90.2	23-114				
Surrogate: SURR: Nitrobenzene-d5	0.861		"	0.886		97.2	22-108				
Surrogate: SURR: 2-Fluorobiphenyl	0.984		"	0.886		111	21-113				
Surrogate: SURR: 2,4,6-Tribromophenol	2.54		"	1.77		143	19-110				
Surrogate: SURR: Terphenyl-d14	1.05		"	0.886		119	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 BJ51681 - EPA 3546 SVOA

Blank (BJ51681-BLK1)

Prepared: 10/26/2025 Analyzed: 10/27/2025

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	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	"
Bis(2-ethylhexyl)phthalate	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

Batch BJ51681 - EPA 3546 SVOA

Blank (BJ51681-BLK1)

Prepared: 10/26/2025 Analyzed: 10/27/2025

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	"								
Diphenylamine	ND	0.0830	"								
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	"								
Surrogate: SURR: 2-Fluorophenol	1.14		"	1.66		68.5	30-108				
Surrogate: SURR: Phenol-d6	1.11		"	1.66		67.1	30-114				
Surrogate: SURR: Nitrobenzene-d5	0.607		"	0.831		73.1	30-108				
Surrogate: SURR: 2-Fluorobiphenyl	0.530		"	0.831		63.8	30-113				
Surrogate: SURR: 2,4,6-Tribromophenol	1.08		"	1.66		65.2	30-110				
Surrogate: SURR: Terphenyl-d14	0.578		"	0.831		69.6	30-116				



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 BJ51681 - EPA 3546 SVOA											
LCS (BJ51681-BS1)						Prepared: 10/26/2025 Analyzed: 10/27/2025					
1,1-Biphenyl	0.599	0.0416	mg/kg wet	0.831		72.1	70-111				
1,2,4,5-Tetrachlorobenzene	0.735	0.0830	"	0.831		88.4	70-130				
1,2,4-Trichlorobenzene	0.542	0.0416	"	0.831		65.3	10-140				
1,2-Dichlorobenzene	0.540	0.0416	"	0.831		65.0	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.648	0.0416	"	0.831		78.0	17-137				
1,3-Dichlorobenzene	0.542	0.0416	"	0.831		65.3	33-110				
1,4-Dichlorobenzene	0.542	0.0416	"	0.831		65.2	32-104				
2,3,4,6-Tetrachlorophenol	0.599	0.0830	"	0.831		72.1	70-130				
2,4,5-Trichlorophenol	0.538	0.0416	"	0.831		64.7	70-118	Low Bias			
2,4,6-Trichlorophenol	0.545	0.0416	"	0.831		65.6	70-120	Low Bias			
2,4-Dichlorophenol	0.590	0.0416	"	0.831		71.0	70-127				
2,4-Dimethylphenol	0.613	0.0416	"	0.831		73.8	70-130				
2,4-Dinitrophenol	0.180	0.0830	"	0.831		21.6	20-160				
2,4-Dinitrotoluene	0.610	0.0416	"	0.831		73.5	70-130				
2,6-Dinitrotoluene	0.621	0.0416	"	0.831		74.7	70-128				
2-Chloronaphthalene	0.562	0.0416	"	0.831		67.7	70-117	Low Bias			
2-Chlorophenol	0.595	0.0416	"	0.831		71.6	70-113				
2-Methylnaphthalene	0.541	0.0416	"	0.831		65.1	70-130	Low Bias			
2-Methylphenol	0.563	0.0416	"	0.831		67.8	70-130	Low Bias			
2-Nitroaniline	0.651	0.0830	"	0.831		78.4	70-130				
2-Nitrophenol	0.607	0.0416	"	0.831		73.0	70-129				
3- & 4-Methylphenols	0.563	0.0416	"	0.831		67.8	29-103				
3,3-Dichlorobenzidine	0.513	0.0416	"	0.831		61.8	70-130	Low Bias			
3-Nitroaniline	0.538	0.0830	"	0.831		64.8	70-130	Low Bias			
4,6-Dinitro-2-methylphenol	0.476	0.0830	"	0.831		57.4	70-130	Low Bias			
4-Bromophenyl phenyl ether	0.537	0.0416	"	0.831		64.6	70-120	Low Bias			
4-Chloro-3-methylphenol	0.617	0.0416	"	0.831		74.3	70-129				
4-Chloroaniline	0.340	0.0416	"	0.831		40.9	70-130	Low Bias			
4-Chlorophenyl phenyl ether	0.525	0.0416	"	0.831		63.2	70-124	Low Bias			
4-Nitroaniline	0.541	0.0830	"	0.831		65.2	70-128	Low Bias			
4-Nitrophenol	0.607	0.0830	"	0.831		73.0	20-141				
Acenaphthene	0.547	0.0416	"	0.831		65.9	70-121	Low Bias			
Acenaphthylene	0.592	0.0416	"	0.831		71.3	70-115				
Acetophenone	0.624	0.0416	"	0.831		75.1	70-112				
Aniline	0.344	0.166	"	0.831		41.4	10-119				
Anthracene	0.552	0.0416	"	0.831		66.5	70-118	Low Bias			
Atrazine	0.506	0.0416	"	0.831		60.9	70-112	Low Bias			
Benzaldehyde	0.500	0.0416	"	0.831		60.2	21-100				
Benzo(a)anthracene	0.588	0.0416	"	0.831		70.8	70-122				
Benzo(a)pyrene	0.526	0.0416	"	0.831		63.4	70-130	Low Bias			
Benzo(b)fluoranthene	0.550	0.0416	"	0.831		66.2	70-130	Low Bias			
Benzo(g,h,i)perylene	0.596	0.0416	"	0.831		71.8	70-130				
Benzo(k)fluoranthene	0.538	0.0416	"	0.831		64.8	70-128	Low Bias			
Benzoic acid	0.0233	0.0416	"	0.831		2.80	10-140	Low Bias			
Benzyl alcohol	0.593	0.0416	"	0.831		71.4	30-115				
Benzyl butyl phthalate	0.656	0.0416	"	0.831		79.0	70-126				
Bis(2-chloroethoxy)methane	0.614	0.0416	"	0.831		73.9	70-130				
Bis(2-chloroethyl)ether	0.626	0.0416	"	0.831		75.4	70-125				
Bis(2-chloroisopropyl)ether	0.687	0.0416	"	0.831		82.8	70-130				
Bis(2-ethylhexyl)phthalate	0.645	0.0416	"	0.831		77.6	70-130				
Caprolactam	0.524	0.0830	"	0.831		63.1	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

Batch BJ51681 - EPA 3546 SVOA

LCS (BJ51681-BS1)

Prepared: 10/26/2025 Analyzed: 10/27/2025

Carbazole	0.552	0.0416	mg/kg wet	0.831		66.5	70-123	Low Bias		
Chrysene	0.578	0.0416	"	0.831		69.6	70-123	Low Bias		
Dibenzo(a,h)anthracene	0.583	0.0416	"	0.831		70.2	70-130			
Dibenzofuran	0.556	0.0416	"	0.831		66.9	70-121	Low Bias		
Diethyl phthalate	0.540	0.0416	"	0.831		65.0	70-116	Low Bias		
Dimethyl phthalate	0.551	0.0416	"	0.831		66.3	70-124	Low Bias		
Di-n-butyl phthalate	0.557	0.0416	"	0.831		67.1	70-116	Low Bias		
Di-n-octyl phthalate	0.615	0.0416	"	0.831		74.1	70-130			
Diphenylamine	0.667	0.0830	"	0.831		80.3	40-140			
Fluoranthene	0.512	0.0416	"	0.831		61.6	70-122	Low Bias		
Fluorene	0.559	0.0416	"	0.831		67.4	70-123	Low Bias		
Hexachlorobenzene	0.569	0.0416	"	0.831		68.5	70-124	Low Bias		
Hexachlorobutadiene	0.514	0.0416	"	0.831		61.8	70-130	Low Bias		
Hexachlorocyclopentadiene	0.194	0.0416	"	0.831		23.4	20-129			
Hexachloroethane	0.556	0.0416	"	0.831		67.0	28-108			
Indeno(1,2,3-cd)pyrene	0.555	0.0416	"	0.831		66.9	70-130	Low Bias		
Isophorone	0.636	0.0416	"	0.831		76.6	70-130			
Naphthalene	0.590	0.0416	"	0.831		71.0	70-124			
Nitrobenzene	0.642	0.0416	"	0.831		77.3	70-130			
N-Nitrosodimethylamine	0.629	0.0416	"	0.831		75.7	11-129			
N-nitroso-di-n-propylamine	0.614	0.0416	"	0.831		73.9	70-119			
N-Nitrosodiphenylamine	0.666	0.0416	"	0.831		80.2	70-130			
Pentachlorophenol	0.319	0.0416	"	0.831		38.4	20-139			
Phenanthrene	0.565	0.0416	"	0.831		68.0	70-123	Low Bias		
Phenol	0.677	0.0416	"	0.831		81.5	23-115			
Pyrene	0.654	0.0416	"	0.831		78.8	70-130			
Surrogate: SURR: 2-Fluorophenol	1.22		"	1.66		73.3	30-108			
Surrogate: SURR: Phenol-d6	1.23		"	1.66		74.1	30-114			
Surrogate: SURR: Nitrobenzene-d5	0.623		"	0.831		75.0	30-108			
Surrogate: SURR: 2-Fluorobiphenyl	0.570		"	0.831		68.6	30-113			
Surrogate: SURR: 2,4,6-Tribromophenol	1.20		"	1.66		72.1	30-110			
Surrogate: SURR: Terphenyl-d14	0.624		"	0.831		75.2	30-116			



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 BJ51686 - EPA 3510C

Blank (BJ51686-BLK1)

Prepared: 10/26/2025 Analyzed: 10/27/2025

1,1-Biphenyl	ND	5.00	ug/L
1,2,4,5-Tetrachlorobenzene	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	"
Benzaldehyde	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	"
Hexachlorocyclopentadiene	ND	10.0	"
Isophorone	ND	5.00	"
N-nitroso-di-n-propylamine	ND	5.00	"
N-Nitrosodiphenylamine	ND	5.00	"
Phenol	ND	5.00	"
Propargite	ND	5.00	"
Pyridine	ND	5.00	"

Surrogate: SURR: 2-Fluorophenol	15.7	"	50.0	31.4	19.7-63.1
Surrogate: SURR: Phenol-d6	8.30	"	50.0	16.6	10.1-41.7
Surrogate: SURR: Nitrobenzene-d5	14.3	"	25.0	57.2	50.2-113
Surrogate: SURR: 2-Fluorobiphenyl	14.8	"	25.0	59.2	39.9-105
Surrogate: SURR: 2,4,6-Tribromophenol	48.4	"	50.0	96.8	39.3-151



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 BJ51686 - EPA 3510C											
Blank (BJ51686-BLK1)						Prepared: 10/26/2025 Analyzed: 10/27/2025					
Surrogate: SURR: Terphenyl-d14	23.7		ug/L	25.0		94.8	30.7-106				
LCS (BJ51686-BS1)						Prepared: 10/26/2025 Analyzed: 10/27/2025					
1,1-Biphenyl	13.8	5.00	ug/L	25.0		55.4	33-95				
1,2,4,5-Tetrachlorobenzene	10.7	5.00	"	25.0		42.9	26-120				
2,3,4,6-Tetrachlorophenol	24.8	5.00	"	25.0		99.3	30-130				
2,4,5-Trichlorophenol	22.2	5.00	"	25.0		88.6	32-114				
2,4,6-Trichlorophenol	19.7	5.00	"	25.0		78.6	35-118				
2,4-Dichlorophenol	18.3	5.00	"	25.0		73.2	25-116				
2,4-Dimethylphenol	17.0	5.00	"	25.0		68.2	15-116				
2,4-Dinitrophenol	27.9	5.00	"	25.0		112	10-170				
2,4-Dinitrotoluene	22.4	5.00	"	25.0		89.5	41-128				
2,6-Dinitrotoluene	20.0	5.00	"	25.0		80.2	45-116				
2-Chloronaphthalene	13.4	5.00	"	25.0		53.4	33-112				
2-Chlorophenol	15.6	5.00	"	25.0		62.6	15-120				
2-Methylnaphthalene	12.1	5.00	"	25.0		48.3	24-118				
2-Methylphenol	12.8	5.00	"	25.0		51.1	10-110				
2-Nitroaniline	20.3	5.00	"	25.0		81.3	34-129				
2-Nitrophenol	18.5	5.00	"	25.0		73.9	28-118				
3- & 4-Methylphenols	10.2	5.00	"	25.0		41.0	10-107				
3,3-Dichlorobenzidine	13.8	5.00	"	25.0		55.1	15-187				
3-Nitroaniline	16.9	5.00	"	25.0		67.8	24-134				
4,6-Dinitro-2-methylphenol	31.8	5.00	"	25.0		127	10-153				
4-Bromophenyl phenyl ether	18.5	5.00	"	25.0		73.9	34-120				
4-Chloro-3-methylphenol	19.1	5.00	"	25.0		76.4	20-120				
4-Chloroaniline	11.5	5.00	"	25.0		46.2	10-147				
4-Chlorophenyl phenyl ether	16.0	5.00	"	25.0		64.0	27-121				
4-Nitroaniline	18.1	5.00	"	25.0		72.5	13-134				
4-Nitrophenol	7.44	5.00	"	25.0		29.8	10-131				
Acetophenone	14.7	5.00	"	25.0		58.7	25-110				
Benzaldehyde	10.3	5.00	"	25.0		41.4	29-117				
Benzyl butyl phthalate	21.2	5.00	"	25.0		84.8	29-133				
Bis(2-chloroethoxy)methane	15.6	5.00	"	25.0		62.6	10-154				
Bis(2-chloroethyl)ether	14.4	5.00	"	25.0		57.6	17-125				
Bis(2-chloroisopropyl)ether	11.0	5.00	"	25.0		43.8	10-139				
Caprolactam	3.98	5.00	"	25.0		15.9	10-137				
Carbazole	20.1	5.00	"	25.0		80.6	42-126				
Dibenzofuran	16.2	5.00	"	25.0		64.7	36-113				
Diethyl phthalate	19.9	5.00	"	25.0		79.6	38-115				
Dimethyl phthalate	19.5	5.00	"	25.0		78.0	38-129				
Di-n-butyl phthalate	20.6	5.00	"	25.0		82.2	31-120				
Di-n-octyl phthalate	20.9	5.00	"	25.0		83.8	21-149				
Hexachlorocyclopentadiene	6.50	10.0	"	25.0		26.0	10-130				
Isophorone	16.2	5.00	"	25.0		64.9	25-127				
N-nitroso-di-n-propylamine	13.4	5.00	"	25.0		53.8	26-122				
N-Nitrosodiphenylamine	21.5	5.00	"	25.0		85.9	23-149				
Phenol	5.66	5.00	"	25.0		22.6	10-110				
Pyridine	ND	5.00	"	35.0			10-90	Low Bias			
Surrogate: SURR: 2-Fluorophenol	14.2		"	50.0		28.3	19.7-63.1				
Surrogate: SURR: Phenol-d6	8.34		"	50.0		16.7	10.1-41.7				
Surrogate: SURR: Nitrobenzene-d5	12.3		"	25.0		49.2	50.2-113				



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 BJ51686 - EPA 3510C

LCS (BJ51686-BS1)

Prepared: 10/26/2025 Analyzed: 10/27/2025

Surrogate: SURR: 2-Fluorobiphenyl	13.9		ug/L	25.0		55.6	39.9-105				
Surrogate: SURR: 2,4,6-Tribromophenol	47.6		"	50.0		95.2	39.3-151				
Surrogate: SURR: Terphenyl-d14	20.4		"	25.0		81.4	30.7-106				

LCS Dup (BJ51686-BSD1)

Prepared: 10/26/2025 Analyzed: 10/27/2025

1,1-Biphenyl	13.5	5.00	ug/L	25.0		54.1	33-95		2.41	20	
1,2,4,5-Tetrachlorobenzene	10.0	5.00	"	25.0		40.0	26-120		6.95	20	
2,3,4,6-Tetrachlorophenol	24.0	5.00	"	25.0		95.8	30-130		3.61	20	
2,4,5-Trichlorophenol	21.9	5.00	"	25.0		87.6	32-114		1.18	20	
2,4,6-Trichlorophenol	20.2	5.00	"	25.0		81.0	35-118		2.91	20	
2,4-Dichlorophenol	19.2	5.00	"	25.0		76.9	25-116		5.01	20	
2,4-Dimethylphenol	18.0	5.00	"	25.0		72.0	15-116		5.48	20	
2,4-Dinitrophenol	26.7	5.00	"	25.0		107	10-170		4.36	20	
2,4-Dinitrotoluene	21.5	5.00	"	25.0		85.8	41-128		4.20	20	
2,6-Dinitrotoluene	19.9	5.00	"	25.0		79.8	45-116		0.550	20	
2-Chloronaphthalene	13.0	5.00	"	25.0		52.0	33-112		2.65	20	
2-Chlorophenol	15.5	5.00	"	25.0		62.1	15-120		0.706	20	
2-Methylnaphthalene	12.2	5.00	"	25.0		48.8	24-118		1.07	20	
2-Methylphenol	13.4	5.00	"	25.0		53.4	10-110		4.44	20	
2-Nitroaniline	19.7	5.00	"	25.0		78.7	34-129		3.25	20	
2-Nitrophenol	19.4	5.00	"	25.0		77.8	28-118		5.17	20	
3- & 4-Methylphenols	10.6	5.00	"	25.0		42.4	10-107		3.36	20	
3,3-Dichlorobenzidine	14.0	5.00	"	25.0		56.0	15-187		1.66	20	
3-Nitroaniline	13.6	5.00	"	25.0		54.4	24-134		21.9	20	Non-dir.
4,6-Dinitro-2-methylphenol	30.6	5.00	"	25.0		122	10-153		4.01	20	
4-Bromophenyl phenyl ether	18.6	5.00	"	25.0		74.3	34-120		0.486	20	
4-Chloro-3-methylphenol	19.5	5.00	"	25.0		77.9	20-120		2.02	20	
4-Chloroaniline	8.18	5.00	"	25.0		32.7	10-147		34.1	20	Non-dir.
4-Chlorophenyl phenyl ether	15.9	5.00	"	25.0		63.7	27-121		0.439	20	
4-Nitroaniline	17.2	5.00	"	25.0		68.8	13-134		5.21	20	
4-Nitrophenol	7.48	5.00	"	25.0		29.9	10-131		0.536	20	
Acetophenone	15.3	5.00	"	25.0		61.1	25-110		4.01	20	
Benzaldehyde	10.4	5.00	"	25.0		41.7	29-117		0.771	20	
Benzyl butyl phthalate	20.6	5.00	"	25.0		82.6	29-133		2.72	20	
Bis(2-chloroethoxy)methane	16.3	5.00	"	25.0		65.2	10-154		4.07	20	
Bis(2-chloroethyl)ether	14.7	5.00	"	25.0		58.8	17-125		2.06	20	
Bis(2-chloroisopropyl)ether	11.2	5.00	"	25.0		44.7	10-139		2.08	20	
Caprolactam	3.37	5.00	"	25.0		13.5	10-137		16.6	20	
Carbazole	19.1	5.00	"	25.0		76.5	42-126		5.20	20	
Dibenzofuran	16.0	5.00	"	25.0		64.0	36-113		1.12	20	
Diethyl phthalate	19.3	5.00	"	25.0		77.2	38-115		3.01	20	
Dimethyl phthalate	19.1	5.00	"	25.0		76.5	38-129		2.02	20	
Di-n-butyl phthalate	19.9	5.00	"	25.0		79.5	31-120		3.36	20	
Di-n-octyl phthalate	20.3	5.00	"	25.0		81.4	21-149		2.91	20	
Hexachlorocyclopentadiene	6.09	10.0	"	25.0		24.4	10-130		6.51	20	
Isophorone	16.6	5.00	"	25.0		66.3	25-127		2.20	20	
N-nitroso-di-n-propylamine	14.1	5.00	"	25.0		56.4	26-122		4.72	20	
N-Nitrosodiphenylamine	22.3	5.00	"	25.0		89.2	23-149		3.79	20	
Phenol	5.72	5.00	"	25.0		22.9	10-110		1.05	20	
Pyridine	2.67	5.00	"	35.0		7.63	10-90	Low Bias	124	20	Non-dir.
Surrogate: SURR: 2-Fluorophenol	15.1		"	50.0		30.2	19.7-63.1				



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 BJ51686 - EPA 3510C

LCS Dup (BJ51686-BSD1)

Prepared: 10/26/2025 Analyzed: 10/27/2025

Surrogate: SURR: Phenol-d6	9.21		ug/L	50.0		18.4	10.1-41.7				
Surrogate: SURR: Nitrobenzene-d5	13.6		"	25.0		54.4	50.2-113				
Surrogate: SURR: 2-Fluorobiphenyl	14.9		"	25.0		59.6	39.9-105				
Surrogate: SURR: 2,4,6-Tribromophenol	50.0		"	50.0		100	39.3-151				
Surrogate: SURR: Terphenyl-d14	20.8		"	25.0		83.1	30.7-106				



Semivolatile Organic Compounds by GC/MS/SIM - 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 BJ51682 - EPA 3550C

Blank (BJ51682-BLK1)

Prepared: 10/26/2025 Analyzed: 10/28/2025

1,4-Dioxane	ND	19.8	ug/kg								
Surrogate: 1,4-Dioxane-d8	287		"	495		58.0	39-127.5				

LCS (BJ51682-BS1)

Prepared: 10/26/2025 Analyzed: 10/28/2025

1,4-Dioxane	554	19.8	ug/kg	495		112	40-130				
Surrogate: 1,4-Dioxane-d8	356		"	495		72.0	39-127.5				

Matrix Spike (BJ51682-MS1)

*Source sample: 25J1519-08 (SB-2 Comp)

Prepared: 10/26/2025 Analyzed: 10/28/2025

1,4-Dioxane	482	19.8	ug/kg	495	ND	97.4	40-130				
Surrogate: 1,4-Dioxane-d8	347		"	495		70.0	40-130				

Matrix Spike Dup (BJ51682-MSD1)

*Source sample: 25J1519-08 (SB-2 Comp)

Prepared: 10/26/2025 Analyzed: 10/28/2025

1,4-Dioxane	581	19.8	ug/kg	495	ND	117	40-130		18.6	30	
Surrogate: 1,4-Dioxane-d8	287		"	495		58.0	40-130				

Batch BJ51687 - EPA 3510C

Blank (BJ51687-BLK2)

Prepared: 10/26/2025 Analyzed: 10/30/2025

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	"								



Semivolatile Organic Compounds by GC/MS/SIM - 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 BJ51687 - EPA 3510C

LCS (BJ51687-BS2)

Prepared: 10/26/2025 Analyzed: 10/30/2025

Acenaphthene	0.688	0.0500	ug/L	1.00		68.8	25-116			
Acenaphthylene	0.708	0.0500	"	1.00		70.8	26-116			
Anthracene	0.607	0.0500	"	1.00		60.7	25-123			
Benzo(a)anthracene	0.760	0.0500	"	1.00		76.0	33-125			
Benzo(a)pyrene	0.636	0.0500	"	1.00		63.6	32-132			
Benzo(b)fluoranthene	0.923	0.0500	"	1.00		92.3	22-137			
Benzo(g,h,i)perylene	0.998	0.0500	"	1.00		99.8	10-138			
Benzo(k)fluoranthene	0.959	0.0500	"	1.00		95.9	20-137			
Bis(2-ethylhexyl)phthalate	1.21	0.500	"	1.00		121	10-189			
Chrysene	0.876	0.0500	"	1.00		87.6	32-124			
Dibenzo(a,h)anthracene	0.901	0.0500	"	1.00		90.1	16-133			
Fluoranthene	0.829	0.0500	"	1.00		82.9	32-121			
Fluorene	0.799	0.0500	"	1.00		79.9	28-118			
Hexachlorobenzene	0.848	0.0200	"	1.00		84.8	23-124			
Hexachlorobutadiene	0.527	0.500	"	1.00		52.7	15-123			
Hexachloroethane	2.39	0.500	"	1.00		239	18-115	High Bias		
Indeno(1,2,3-cd)pyrene	0.827	0.0500	"	1.00		82.7	15-135			
Naphthalene	0.686	0.0500	"	1.00		68.6	18-120			
Nitrobenzene	0.697	0.250	"	1.00		69.7	21-121			
N-Nitrosodimethylamine	ND	0.500	"	1.00			10-124	Low Bias		
Pentachlorophenol	ND	0.250	"	1.00			10-156	Low Bias		
Phenanthrene	0.790	0.0500	"	1.00		79.0	24-127			
Pyrene	0.799	0.0500	"	1.00		79.9	31-132			

Batch BJ51830 - EPA 3535A

Blank (BJ51830-BLK1)

Prepared: 10/28/2025 Analyzed: 10/31/2025

1,4-Dioxane	ND	0.300	ug/L							
Surrogate: 1,4-Dioxane-d8	3.68		"	4.00		92.0	36.6-118			



Semivolatile Organic Compounds by GC/MS/SIM - 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 BJ51830 - EPA 3535A

LCS (BJ51830-BS1)

Prepared: 10/28/2025 Analyzed: 10/31/2025

1,4-Dioxane	3.95	0.300	ug/L	4.00		98.8	50-130				
Surrogate: 1,4-Dioxane-d8	4.00		"	4.00		100	36.6-118				



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 BJ51692 - EPA 1633 Prep

Blank (BJ51692-BLK1)

Prepared: 10/26/2025 Analyzed: 10/30/2025

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	0.500	"								
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	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.356	"								
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	2.36		"	2.33		101	40-135				
Surrogate: M5PFHxA	2.59		"	2.50		104	40-130				
Surrogate: M4PFHpA	2.04		"	2.50		81.6	40-130				
Surrogate: M3PFHxS	2.27		"	2.37		96.0	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 BJ51692 - EPA 1633 Prep

Blank (BJ51692-BLK1)

Prepared: 10/26/2025 Analyzed: 10/30/2025

Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.51		ug/kg wet	2.50		100	40-130				
Surrogate: M6PFDA	1.16		"	1.25		93.0	40-130				
Surrogate: M7PFUdA	0.976		"	1.25		78.0	40-130				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	0.902		"	1.25		72.2	40-130				
Surrogate: M2PFTeDA	0.837		"	1.25		67.0	20-130				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	11.6		"	10.0		116	8-130				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.46		"	2.40		103	40-130				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5.06		"	5.00		101	35-130				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.58		"	2.50		103	40-130				
Surrogate: d3-N-MeFOSAA	4.29		"	5.00		85.7	40-135				
Surrogate: d5-N-EtFOSAA	3.96		"	5.00		79.3	40-150				
Surrogate: M2-6:2 FTS	5.40		"	4.76		114	40-215				
Surrogate: M2-8:2 FTS	5.69		"	4.80		119	40-275				
Surrogate: M9PFNA	1.18		"	1.25		94.1	40-130				
Surrogate: M2-4:2 FTS	5.62		"	4.69		120	40-165				
Surrogate: d-N-MeFOSA	1.82		"	2.50		72.6	10-130				
Surrogate: d-N-EtFOSA	1.77		"	2.50		70.8	10-130				
Surrogate: M3HFPO-DA	11.4		"	10.0		114	40-130				
Surrogate: d9-N-EtFOSE	14.7		"	25.0		59.0	15-130				
Surrogate: d7-N-MeFOSE	18.4		"	25.0		73.6	20-130				

LCS (BJ51692-BS1)

Prepared: 10/26/2025 Analyzed: 10/30/2025

Perfluorobutanesulfonic acid (PFBS)	3.83	0.177	ug/kg wet	3.54		108	65-145				
Perfluorohexanoic acid (PFHxA)	4.22	0.200	"	4.00		106	65-140				
Perfluoroheptanoic acid (PFHpA)	5.61	0.200	"	4.00		140	65-145				
Perfluorohexanesulfonic acid (PFHxS)	3.53	0.183	"	3.66		96.3	60-150				
Perfluorooctanoic acid (PFOA)	4.02	0.200	"	4.00		100	70-150				
Perfluorooctanesulfonic acid (PFOS)	3.95	0.186	"	3.72		106	65-160				
Perfluorononanoic acid (PFNA)	3.75	0.200	"	4.00		93.9	70-155				
Perfluorodecanoic acid (PFDA)	3.86	0.200	"	4.00		96.6	70-155				
Perfluoroundecanoic acid (PFUnA)	4.40	0.200	"	4.00		110	70-155				
Perfluorododecanoic acid (PFDoA)	4.37	0.200	"	4.00		109	70-150				
Perfluorotridecanoic acid (PFTriDA)	4.03	0.200	"	4.00		101	65-150				
Perfluorotetradecanoic acid (PFTA)	3.99	0.200	"	4.00		99.6	65-150				
N-MeFOSAA	4.02	0.200	"	4.00		101	65-155				
N-EtFOSAA	4.31	0.500	"	4.00		108	65-165				
Perfluoropentanoic acid (PFPeA)	8.07	0.400	"	8.00		101	60-150				
Perfluoro-1-octanesulfonamide (FOSA)	4.25	0.200	"	4.00		106	70-140				
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.38	0.200	"	3.82		115	65-155				
Perfluoro-1-decanesulfonic acid (PFDS)	2.45	0.193	"	3.86		63.6	40-155				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	16.3	0.760	"	15.2		107	55-200				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	15.9	0.768	"	15.4		104	70-150				
Perfluoro-n-butanoic acid (PFBA)	16.2	0.800	"	16.0		102	70-140				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	7.39	0.356	"	7.12		104	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 BJ51692 - EPA 1633 Prep											
LCS (BJ51692-BS1)						Prepared: 10/26/2025 Analyzed: 10/30/2025					
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	8.58	0.400	ug/kg wet	8.00		107	60-155				
Perfluoro-4-oxapentanoic acid (PFMPA)	8.26	0.400	"	8.00		103	30-140				
Perfluoro-5-oxahexanoic acid (PFMBA)	8.26	0.400	"	8.00		103	60-150				
Perfluoro-1-pentanesulfonate (PFPeS)	4.05	0.188	"	3.76		108	55-160				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	15.0	0.750	"	15.0		100	60-150				
HFPO-DA (Gen-X)	7.96	0.800	"	8.00		99.5	70-145				
11CL-PF3OUdS	3.40	0.756	"	7.56		44.9	45-160	Low Bias			
9CL-PF3ONS	4.37	0.748	"	7.48		58.4	70-150	Low Bias			
ADONA	7.65	0.756	"	7.56		101	70-160				
Perfluorododecanesulfonic acid (PFDoS)	2.55	0.194	"	3.88		65.6	25-160				
Perfluoro-1-nonanesulfonic acid (PFNS)	3.00	0.192	"	3.84		78.1	55-140				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	15.4	1.00	"	16.0		96.5	45-130				
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	84.2	5.00	"	80.0		105	60-130				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	80.5	5.00	"	80.0		101	60-150				
N-MeFOSE	36.9	2.00	"	40.0		92.2	70-140				
N-MeFOSA	4.22	0.200	"	4.00		106	70-155				
N-EtFOSE	45.4	2.00	"	40.0		113	70-135				
N-EtFOSA	3.58	0.200	"	4.00		89.6	70-140				
Surrogate: M3PFBS	2.18		"	2.33		93.6	40-135				
Surrogate: M5PFHxA	2.43		"	2.50		97.0	40-130				
Surrogate: M4PFHpA	1.76		"	2.50		70.4	40-130				
Surrogate: M3PFHxS	2.02		"	2.37		85.1	40-130				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.09		"	2.50		83.8	40-130				
Surrogate: M6PFDA	0.847		"	1.25		67.8	40-130				
Surrogate: M7PFUdA	0.592		"	1.25		47.4	40-130				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	0.512		"	1.25		41.0	40-130				
Surrogate: M2PFTeDA	0.522		"	1.25		41.8	20-130				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	11.4		"	10.0		114	8-130				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	1.65		"	2.40		68.9	40-130				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5.00		"	5.00		100	35-130				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	1.73		"	2.50		69.3	40-130				
Surrogate: d3-N-MeFOSAA	2.56		"	5.00		51.1	40-135				
Surrogate: d5-N-EtFOSAA	2.26		"	5.00		45.3	40-150				
Surrogate: M2-6:2 FTS	3.91		"	4.76		82.1	40-215				
Surrogate: M2-8:2 FTS	3.27		"	4.80		68.2	40-275				
Surrogate: M9PFNA	1.08		"	1.25		86.1	40-130				
Surrogate: M2-4:2 FTS	4.45		"	4.69		94.9	40-165				
Surrogate: d-N-MeFOSA	1.27		"	2.50		50.8	10-130				
Surrogate: d-N-EtFOSA	1.35		"	2.50		54.2	10-130				
Surrogate: M3HFPO-DA	10.2		"	10.0		102	40-130				
Surrogate: d9-N-EtFOSE	10.6		"	25.0		42.4	15-130				
Surrogate: d7-N-MeFOSE	14.4		"	25.0		57.5	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 BJ51692 - EPA 1633 Prep											
LCS (BJ51692-BS2)						Prepared: 10/26/2025 Analyzed: 10/30/2025					
Perfluorobutanesulfonic acid (PFBS)	0.309	0.177	ug/kg wet	0.354		87.2	65-145				
Perfluorohexanoic acid (PFHxA)	0.337	0.200	"	0.400		84.4	65-140				
Perfluoroheptanoic acid (PFHpA)	0.455	0.200	"	0.400		114	65-145				
Perfluorohexanesulfonic acid (PFHxS)	0.311	0.183	"	0.366		84.9	60-150				
Perfluorooctanoic acid (PFOA)	0.329	0.200	"	0.400		82.2	70-150				
Perfluorooctanesulfonic acid (PFOS)	0.325	0.186	"	0.372		87.3	65-160				
Perfluorononanoic acid (PFNA)	0.336	0.200	"	0.400		83.9	70-155				
Perfluorodecanoic acid (PFDA)	0.351	0.200	"	0.400		87.7	70-155				
Perfluoroundecanoic acid (PFUnA)	0.351	0.200	"	0.400		87.7	70-155				
Perfluorododecanoic acid (PFDoA)	0.380	0.200	"	0.400		95.0	70-150				
Perfluorotridecanoic acid (PFTriDA)	0.386	0.200	"	0.400		96.4	65-150				
Perfluorotetradecanoic acid (PFTA)	0.379	0.200	"	0.400		94.7	65-150				
N-MeFOSAA	0.307	0.200	"	0.400		76.9	65-155				
N-EtFOSAA	0.328	0.500	"	0.400		82.0	65-165				
Perfluoropentanoic acid (PFPeA)	0.711	0.400	"	0.800		88.8	60-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.311	0.200	"	0.400		77.7	70-140				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.349	0.200	"	0.382		91.3	65-155				
Perfluoro-1-decanesulfonic acid (PFDS)	0.293	0.193	"	0.386		76.0	40-155				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1.35	0.760	"	1.52		88.6	55-200				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1.33	0.768	"	1.54		86.5	70-150				
Perfluoro-n-butanoic acid (PFBA)	1.40	0.800	"	1.60		87.2	70-140				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	0.635	0.356	"	0.712		89.2	70-140				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1.03	0.400	"	0.800		128	60-155				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.744	0.400	"	0.800		93.0	30-140				
Perfluoro-5-oxahexanoic acid (PFMBA)	0.762	0.400	"	0.800		95.2	60-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.330	0.188	"	0.376		87.7	55-160				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1.32	0.750	"	1.50		87.8	60-150				
HFPO-DA (Gen-X)	0.620	0.800	"	0.800		77.5	70-145				
11CL-PF3OUdS	0.629	0.756	"	0.756		83.2	45-160				
9CL-PF3ONS	0.725	0.748	"	0.748		97.0	70-150				
ADONA	0.748	0.756	"	0.756		98.9	70-160				
Perfluorododecanesulfonic acid (PFDoS)	0.285	0.194	"	0.388		73.5	25-160				
Perfluoro-1-nonanesulfonic acid (PFNS)	0.289	0.192	"	0.384		75.2	55-140				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	1.31	1.00	"	1.60		81.9	45-130				
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	6.88	5.00	"	8.00		86.0	60-130				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	6.78	5.00	"	8.00		84.7	60-150				
N-MeFOSE	3.59	2.00	"	4.00		89.7	70-140				
N-MeFOSA	0.471	0.200	"	0.400		118	70-155				
N-EtFOSE	4.10	2.00	"	4.00		103	70-135				
N-EtFOSA	0.367	0.200	"	0.400		91.7	70-140				
Surrogate: M3PFBS	2.48		"	2.33		107	40-135				
Surrogate: M5PFHxA	2.68		"	2.50		107	40-130				
Surrogate: M4PFHpA	2.09		"	2.50		83.7	40-130				
Surrogate: M3PFHxS	2.53		"	2.37		107	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

Batch BJ51692 - EPA 1633 Prep

LCS (BJ51692-BS2)

Prepared: 10/26/2025 Analyzed: 10/30/2025

Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.68		ug/kg wet	2.50		107	40-130				
Surrogate: M6PFDA	1.30		"	1.25		104	40-130				
Surrogate: M7PFUdA	1.18		"	1.25		94.4	40-130				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.06		"	1.25		85.0	40-130				
Surrogate: M2PFTeDA	0.912		"	1.25		72.9	20-130				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	12.0		"	10.0		120	8-130				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.45		"	2.40		102	40-130				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5.30		"	5.00		106	35-130				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.66		"	2.50		106	40-130				
Surrogate: d3-N-MeFOSAA	4.22		"	5.00		84.3	40-135				
Surrogate: d5-N-EtFOSAA	4.26		"	5.00		85.3	40-150				
Surrogate: M2-6:2 FTS	5.87		"	4.76		123	40-215				
Surrogate: M2-8:2 FTS	5.24		"	4.80		109	40-275				
Surrogate: M9PFNA	1.25		"	1.25		99.9	40-130				
Surrogate: M2-4:2 FTS	5.54		"	4.69		118	40-165				
Surrogate: d-N-MeFOSA	1.84		"	2.50		73.6	10-130				
Surrogate: d-N-EtFOSA	1.77		"	2.50		70.8	10-130				
Surrogate: M3HFPO-DA	11.3		"	10.0		113	40-130				
Surrogate: d9-N-EtFOSE	15.1		"	25.0		60.2	15-130				
Surrogate: d7-N-MeFOSE	18.8		"	25.0		75.4	20-130				

Duplicate (BJ51692-DUP1)

*Source sample: 25J1519-11 (SB-3 12"-24")

Prepared: 10/26/2025 Analyzed: 10/31/2025

Perfluorobutanesulfonic acid (PFBS)	ND	0.194	ug/kg dry		ND		30
Perfluorohexanoic acid (PFHxA)	ND	0.219	"		ND		30
Perfluoroheptanoic acid (PFHpA)	ND	0.219	"		ND		30
Perfluorohexanesulfonic acid (PFHxS)	ND	0.200	"		ND		30
Perfluorooctanoic acid (PFOA)	ND	0.219	"		ND		30
Perfluorooctanesulfonic acid (PFOS)	ND	0.204	"		ND		30
Perfluorononanoic acid (PFNA)	ND	0.219	"		ND		30
Perfluorodecanoic acid (PFDA)	ND	0.219	"		ND		30
Perfluoroundecanoic acid (PFUnA)	ND	0.219	"		ND		30
Perfluorododecanoic acid (PFDoA)	ND	0.219	"		ND		30
Perfluorotridecanoic acid (PFTriDA)	ND	0.219	"		ND		30
Perfluorotetradecanoic acid (PFTA)	ND	0.219	"		ND		30
N-MeFOSAA	ND	0.219	"		ND		30
N-EtFOSAA	ND	0.548	"		ND		30
Perfluoropentanoic acid (PFPeA)	ND	0.438	"		ND		30
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.219	"		ND		30
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.219	"		ND		30
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.211	"		ND		30
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	0.832	"		ND		30
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	0.841	"		ND		30
Perfluoro-n-butanoic acid (PFBA)	ND	0.876	"		ND		30
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.390	"		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 BJ51692 - EPA 1633 Prep

Duplicate (BJ51692-DUP1)		*Source sample: 25J1519-11 (SB-3 12"-24")				Prepared: 10/26/2025 Analyzed: 10/31/2025					
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.438	ug/kg dry		ND					30	
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.438	"		ND					30	
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.438	"		ND					30	
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.206	"		ND					30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	0.822	"		ND					30	
HFPO-DA (Gen-X)	ND	0.876	"		ND					30	
11CL-PF3OUdS	ND	0.828	"		ND					30	
9CL-PF3ONS	ND	0.819	"		ND					30	
ADONA	ND	0.828	"		ND					30	
Perfluorododecanesulfonic acid (PFDoS)	ND	0.212	"		ND					30	
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.210	"		ND					30	
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND	1.10	"		ND					30	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND	5.48	"		ND					30	
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND	5.48	"		ND					30	
N-MeFOSE	ND	2.19	"		ND					30	
N-MeFOSA	ND	0.219	"		ND					30	
N-EtFOSE	ND	2.19	"		ND					30	
N-EtFOSA	ND	0.219	"		ND					30	
Surrogate: M3PFBS	2.53		"	2.55		99.3	40-135				
Surrogate: M5PFHxA	2.63		"	2.74		96.2	40-130				
Surrogate: M4PFHpA	2.14		"	2.74		78.0	40-130				
Surrogate: M3PFHxS	2.48		"	2.60		95.4	40-130				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.71		"	2.74		98.9	40-130				
Surrogate: M6PFDA	1.24		"	1.37		90.3	40-130				
Surrogate: M7PFUdA	1.07		"	1.37		78.2	40-130				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.18		"	1.37		85.9	40-130				
Surrogate: M2PFTeDA	0.982		"	1.37		71.7	20-130				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	11.2		"	11.0		102	8-130				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.38		"	2.62		90.7	40-130				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5.20		"	5.48		94.9	35-130				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.71		"	2.74		98.9	40-130				
Surrogate: d3-N-MeFOSAA	4.10		"	5.48		74.9	40-135				
Surrogate: d5-N-EtFOSAA	4.31		"	5.48		78.7	40-150				
Surrogate: M2-6:2 FTS	5.69		"	5.21		109	40-215				
Surrogate: M2-8:2 FTS	4.68		"	5.26		88.9	40-275				
Surrogate: M9PFNA	1.37		"	1.37		100	40-130				
Surrogate: M2-4:2 FTS	5.47		"	5.14		107	40-165				
Surrogate: d-N-MeFOSA	2.04		"	2.74		74.4	10-130				
Surrogate: d-N-EtFOSA	1.96		"	2.74		71.5	10-130				
Surrogate: M3HFPO-DA	11.9		"	11.0		109	40-130				
Surrogate: d9-N-EtFOSE	18.5		"	27.4		67.6	15-130				
Surrogate: d7-N-MeFOSE	21.3		"	27.4		77.9	20-130				



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		Limits			Limit	
Batch BJ51745 - EPA 1633 Prep											
Blank (BJ51745-BLK1)				Prepared: 10/27/2025 Analyzed: 10/30/2025							
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 (PFTTrDA)	ND	2.00	"								
Perfluorotetradecanoic acid (PFTA)	ND	2.00	"								
N-MeFOSAA	ND	2.00	"								
N-EtFOSAA	ND	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)	ND	8.00	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	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	ND	20.0	"								
N-MeFOSA	ND	2.00	"								
N-EtFOSE	ND	20.0	"								
N-EtFOSA	ND	2.00	"								
Surrogate: M3PFBS	23.4		"	23.3		100	40-135				
Surrogate: M5PFHxA	24.7		"	25.0		98.8	40-130				
Surrogate: M4PFHpA	21.4		"	25.0		85.8	40-130				
Surrogate: M3PFHxS	22.1		"	23.7		93.3	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 BJ51745 - EPA 1633 Prep

Blank (BJ51745-BLK1)

Prepared: 10/27/2025 Analyzed: 10/30/2025

Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	24.0		ng/L	25.0		96.0	40-130				
Surrogate: M6PFDA	11.8		"	12.5		94.4	40-130				
Surrogate: M7PFUdA	11.7		"	12.5		93.9	30-130				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	10.2		"	12.5		81.8	10-130				
Surrogate: M2PFTeDA	9.78		"	12.5		78.3	10-130				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	108		"	100		108	5-130				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	23.1		"	24.0		96.4	40-130				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	49.9		"	50.0		99.8	40-130				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	25.9		"	25.0		104	40-130				
Surrogate: d3-N-MeFOSAA	45.4		"	50.0		90.9	40-170				
Surrogate: d5-N-EtFOSAA	46.3		"	50.0		92.6	25-135				
Surrogate: M2-6:2 FTS	55.5		"	47.6		117	40-200				
Surrogate: M2-8:2 FTS	51.8		"	48.0		108	40-300				
Surrogate: M9PFNA	11.4		"	12.5		91.6	40-130				
Surrogate: M2-4:2 FTS	52.1		"	46.9		111	40-200				
Surrogate: d-N-MeFOSA	21.7		"	25.0		86.7	10-130				
Surrogate: d-N-EtFOSA	19.2		"	25.0		76.7	10-130				
Surrogate: M3HFPO-DA	114		"	100		114	40-130				
Surrogate: d9-N-EtFOSE	146		"	250		58.2	10-130				
Surrogate: d7-N-MeFOSE	182		"	250		72.8	10-130				

LCS (BJ51745-BS1)

Prepared: 10/27/2025 Analyzed: 10/30/2025

Perfluorobutanesulfonic acid (PFBS)	41.0	1.77	ng/L	35.4		116	60-145				
Perfluorohexanoic acid (PFHxA)	47.8	2.00	"	40.0		119	70-145				
Perfluoroheptanoic acid (PFHpA)	50.9	2.00	"	40.0		127	70-150				
Perfluorohexanesulfonic acid (PFHxS)	41.6	1.83	"	36.6		114	65-145				
Perfluorooctanoic acid (PFOA)	46.8	2.00	"	40.0		117	70-150				
Perfluorooctanesulfonic acid (PFOS)	40.9	1.86	"	37.2		110	55-150				
Perfluorononanoic acid (PFNA)	43.2	2.00	"	40.0		108	70-150				
Perfluorodecanoic acid (PFDA)	45.6	2.00	"	40.0		114	70-140				
Perfluoroundecanoic acid (PFUnA)	50.0	2.00	"	40.0		125	70-145				
Perfluorododecanoic acid (PFDoA)	47.4	2.00	"	40.0		118	70-140				
Perfluorotridecanoic acid (PFTriDA)	50.9	2.00	"	40.0		127	65-140				
Perfluorotetradecanoic acid (PFTA)	46.8	2.00	"	40.0		117	60-140				
N-MeFOSAA	43.4	2.00	"	40.0		108	50-140				
N-EtFOSAA	45.5	5.00	"	40.0		114	70-145				
Perfluoropentanoic acid (PFPeA)	88.9	4.00	"	80.0		111	65-135				
Perfluoro-1-octanesulfonamide (FOSA)	44.5	2.00	"	40.0		111	70-145				
Perfluoro-1-heptanesulfonic acid (PFHpS)	39.9	1.91	"	38.2		105	70-150				
Perfluoro-1-decanesulfonic acid (PFDS)	36.3	1.93	"	38.6		94.0	60-145				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	167	7.60	"	152		110	65-155				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	179	7.68	"	154		116	60-150				
Perfluoro-n-butanoic acid (PFBA)	177	8.00	"	160		111	70-140				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	83.7	3.56	"	71.2		118	70-140				



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			Result	Limits	Limit				
Batch BJ51745 - EPA 1633 Prep											
LCS (BJ51745-BS1)				Prepared: 10/27/2025 Analyzed: 10/30/2025							
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	112	4.00	ng/L	80.0		140	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	91.2	4.00	"	80.0		114	55-140				
Perfluoro-5-oxahexanoic acid (PFMBA)	89.3	4.00	"	80.0		112	60-150				
Perfluoro-1-pentanesulfonate (PFPeS)	42.0	1.88	"	37.6		112	65-140				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	156	7.50	"	150		104	70-145				
HFPO-DA (Gen-X)	87.2	8.00	"	80.0		109	70-140				
11CL-PF3OUdS	75.3	7.56	"	75.6		99.6	55-160				
9CL-PF3ONS	82.1	7.48	"	74.8		110	70-155				
ADONA	82.4	7.56	"	75.6		109	65-145				
Perfluorododecanesulfonic acid (PFDoS)	33.8	1.94	"	38.8		87.1	50-145				
Perfluoro-1-nonanesulfonic acid (PFNS)	42.7	1.92	"	38.4		111	65-145				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	168	10.0	"	160		105	65-130				
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	1000	50.0	"	800		125	70-135				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	1070	50.0	"	800		134	50-145				
N-MeFOSE	481	20.0	"	400		120	70-145				
N-MeFOSA	50.7	2.00	"	40.0		127	60-150				
N-EtFOSE	552	20.0	"	400		138	70-135	High Bias			
N-EtFOSA	50.0	2.00	"	40.0		125	65-145				
Surrogate: M3PFBS	23.4		"	23.3		100	40-135				
Surrogate: M5PFHxA	25.9		"	25.0		104	40-130				
Surrogate: M4PFHpA	23.1		"	25.0		92.4	40-130				
Surrogate: M3PFHxS	23.2		"	23.7		98.0	40-130				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	24.7		"	25.0		98.6	40-130				
Surrogate: M6PFDA	13.6		"	12.5		109	40-130				
Surrogate: M7PFUdA	11.5		"	12.5		91.8	30-130				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	10.8		"	12.5		86.4	10-130				
Surrogate: M2PFTeDA	9.27		"	12.5		74.1	10-130				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	114		"	100		114	5-130				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	25.8		"	24.0		108	40-130				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	52.8		"	50.0		106	40-130				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	26.2		"	25.0		105	40-130				
Surrogate: d3-N-MeFOSAA	44.7		"	50.0		89.5	40-170				
Surrogate: d5-N-EtFOSAA	43.3		"	50.0		86.7	25-135				
Surrogate: M2-6:2 FTS	45.0		"	47.6		94.7	40-200				
Surrogate: M2-8:2 FTS	49.2		"	48.0		103	40-300				
Surrogate: M9PFNA	12.8		"	12.5		103	40-130				
Surrogate: M2-4:2 FTS	49.8		"	46.9		106	40-200				
Surrogate: d-N-MeFOSA	20.4		"	25.0		81.8	10-130				
Surrogate: d-N-EtFOSA	20.0		"	25.0		80.1	10-130				
Surrogate: M3HFPO-DA	114		"	100		114	40-130				
Surrogate: d9-N-EtFOSE	147		"	250		58.9	10-130				
Surrogate: d7-N-MeFOSE	173		"	250		69.2	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 BJ51745 - EPA 1633 Prep											
LCS (BJ51745-BS2)						Prepared: 10/27/2025 Analyzed: 10/30/2025					
Perfluorobutanesulfonic acid (PFBS)	3.02	1.77	ng/L	3.54		85.2	60-145				
Perfluorohexanoic acid (PFHxA)	3.82	2.00	"	4.00		95.6	70-145				
Perfluoroheptanoic acid (PFHpA)	4.66	2.00	"	4.00		116	70-150				
Perfluorohexanesulfonic acid (PFHxS)	3.97	1.83	"	3.66		108	65-145				
Perfluorooctanoic acid (PFOA)	3.77	2.00	"	4.00		94.3	70-150				
Perfluorooctanesulfonic acid (PFOS)	3.38	1.86	"	3.72		90.8	55-150				
Perfluorononanoic acid (PFNA)	4.09	2.00	"	4.00		102	70-150				
Perfluorodecanoic acid (PFDA)	4.01	2.00	"	4.00		100	70-140				
Perfluoroundecanoic acid (PFUnA)	3.36	2.00	"	4.00		84.1	70-145				
Perfluorododecanoic acid (PFDoA)	3.94	2.00	"	4.00		98.4	70-140				
Perfluorotridecanoic acid (PFTriDA)	4.90	2.00	"	4.00		122	65-140				
Perfluorotetradecanoic acid (PFTA)	3.77	2.00	"	4.00		94.2	60-140				
N-MeFOSAA	3.72	2.00	"	4.00		93.1	50-140				
N-EtFOSAA	3.95	5.00	"	4.00		98.9	70-145				
Perfluoropentanoic acid (PFPeA)	7.40	4.00	"	8.00		92.6	65-135				
Perfluoro-1-octanesulfonamide (FOSA)	3.70	2.00	"	4.00		92.4	70-145				
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.71	1.91	"	3.82		97.0	70-150				
Perfluoro-1-decanesulfonic acid (PFDS)	3.12	1.93	"	3.86		80.7	60-145				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	14.4	7.60	"	15.2		94.9	65-155				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	14.6	7.68	"	15.4		94.8	60-150				
Perfluoro-n-butanoic acid (PFBA)	15.3	8.00	"	16.0		95.9	70-140				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	6.92	3.56	"	7.12		97.2	70-140				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	10.8	4.00	"	8.00		135	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	8.10	4.00	"	8.00		101	55-140				
Perfluoro-5-oxahexanoic acid (PFMBA)	8.06	4.00	"	8.00		101	60-150				
Perfluoro-1-pentanesulfonate (PFPeS)	3.76	1.88	"	3.76		99.9	65-140				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	13.8	7.50	"	15.0		92.2	70-145				
HFPO-DA (Gen-X)	8.23	8.00	"	8.00		103	70-140				
11CL-PF3OUdS	7.35	7.56	"	7.56		97.2	55-160				
9CL-PF3ONS	8.60	7.48	"	7.48		115	70-155				
ADONA	6.82	7.56	"	7.56		90.2	65-145				
Perfluorododecanesulfonic acid (PFDoS)	2.06	1.94	"	3.88		53.0	50-145				
Perfluoro-1-nonanesulfonic acid (PFNS)	3.16	1.92	"	3.84		82.3	65-145				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	14.1	10.0	"	16.0		88.2	65-130				
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	83.8	50.0	"	80.0		105	70-135				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	79.7	50.0	"	80.0		99.6	50-145				
N-MeFOSE	37.4	20.0	"	40.0		93.4	70-145				
N-MeFOSA	4.59	2.00	"	4.00		115	60-150				
N-EtFOSE	50.8	20.0	"	40.0		127	70-135				
N-EtFOSA	5.16	2.00	"	4.00		129	65-145				
Surrogate: M3PFBS	23.4		"	23.3		100	40-135				
Surrogate: M5PFHxA	24.5		"	25.0		98.0	40-130				
Surrogate: M4PFHpA	20.7		"	25.0		82.8	40-130				
Surrogate: M3PFHxS	22.9		"	23.7		96.7	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

Batch BJ51745 - EPA 1633 Prep

LCS (BJ51745-BS2)

Prepared: 10/27/2025 Analyzed: 10/30/2025

Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	23.5		ng/L	25.0		94.1	40-130				
Surrogate: M6PFDA	12.4		"	12.5		99.0	40-130				
Surrogate: M7PFUdA	12.3		"	12.5		98.1	30-130				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	10.6		"	12.5		84.5	10-130				
Surrogate: M2PFTeDA	6.94		"	12.5		55.6	10-130				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	106		"	100		106	5-130				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	23.4		"	24.0		97.6	40-130				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	48.9		"	50.0		97.9	40-130				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	26.3		"	25.0		105	40-130				
Surrogate: d3-N-MeFOSAA	42.1		"	50.0		84.2	40-170				
Surrogate: d5-N-EtFOSAA	43.5		"	50.0		87.0	25-135				
Surrogate: M2-6:2 FTS	50.2		"	47.6		106	40-200				
Surrogate: M2-8:2 FTS	50.4		"	48.0		105	40-300				
Surrogate: M9PFNA	11.2		"	12.5		89.9	40-130				
Surrogate: M2-4:2 FTS	52.7		"	46.9		112	40-200				
Surrogate: d-N-MeFOSA	19.5		"	25.0		77.9	10-130				
Surrogate: d-N-EtFOSA	18.5		"	25.0		73.9	10-130				
Surrogate: M3HFPO-DA	110		"	100		110	40-130				
Surrogate: d9-N-EtFOSE	104		"	250		41.4	10-130				
Surrogate: d7-N-MeFOSE	151		"	250		60.3	10-130				

Duplicate (BJ51745-DUP1)

*Source sample: 25J1519-13 (Rinsate)

Prepared: 10/27/2025 Analyzed: 10/31/2025

Perfluorobutanesulfonic acid (PFBS)	ND	1.63	ng/L		ND		30
Perfluorohexanoic acid (PFHxA)	ND	1.84	"		ND		30
Perfluoroheptanoic acid (PFHpA)	ND	1.84	"		ND		30
Perfluorohexanesulfonic acid (PFHxS)	ND	1.68	"		ND		30
Perfluorooctanoic acid (PFOA)	ND	1.84	"		ND		30
Perfluorooctanesulfonic acid (PFOS)	ND	1.71	"		ND		30
Perfluorononanoic acid (PFNA)	ND	1.84	"		ND		30
Perfluorodecanoic acid (PFDA)	ND	1.84	"		ND		30
Perfluoroundecanoic acid (PFUnA)	ND	1.84	"		ND		30
Perfluorododecanoic acid (PFDoA)	ND	1.84	"		ND		30
Perfluorotridecanoic acid (PFTriDA)	ND	1.84	"		ND		30
Perfluorotetradecanoic acid (PFTA)	ND	1.84	"		ND		30
N-MeFOSAA	ND	1.84	"		ND		30
N-EtFOSAA	ND	4.60	"		ND		30
Perfluoropentanoic acid (PFPeA)	ND	3.68	"		ND		30
Perfluoro-1-octanesulfonamide (FOSA)	ND	1.84	"		ND		30
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	1.76	"		ND		30
Perfluoro-1-decanesulfonic acid (PFDS)	ND	1.77	"		ND		30
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	6.99	"		ND		30
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	7.06	"		ND		30
Perfluoro-n-butanoic acid (PFBA)	ND	7.35	"		ND		30
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	3.27	"		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	Limit	Flag

Batch BJ51745 - EPA 1633 Prep

Duplicate (BJ51745-DUP1)		*Source sample: 25J1519-13 (Rinsate)				Prepared: 10/27/2025 Analyzed: 10/31/2025					
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	3.68	ng/L		ND					30	
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	3.68	"		ND					30	
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	3.68	"		ND					30	
Perfluoro-1-pentanesulfonate (PFPeS)	ND	1.73	"		ND					30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	6.89	"		ND					30	
HFPO-DA (Gen-X)	ND	7.35	"		ND					30	
11CL-PF3OUdS	ND	6.95	"		ND					30	
9CL-PF3ONS	ND	6.88	"		ND					30	
ADONA	ND	6.95	"		ND					30	
Perfluorododecanesulfonic acid (PFDoS)	ND	1.78	"		ND					30	
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	1.76	"		ND					30	
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND	9.19	"		ND					30	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND	46.0	"		ND					30	
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND	46.0	"		ND					30	
N-MeFOSE	ND	18.4	"		ND					30	
N-MeFOSA	ND	1.84	"		ND					30	
N-EtFOSE	ND	18.4	"		ND					30	
N-EtFOSA	ND	1.84	"		ND					30	
Surrogate: M3PFBS	25.9		"	21.4		121	40-135				
Surrogate: M5PFHxA	23.6		"	23.0		103	40-130				
Surrogate: M4PFHpA	19.6		"	23.0		85.4	40-130				
Surrogate: M3PFHxS	22.8		"	21.8		105	40-130				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	23.1		"	23.0		100	40-130				
Surrogate: M6PFDA	10.5		"	11.5		91.5	40-130				
Surrogate: M7PFUdA	8.90		"	11.5		77.4	30-130				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	7.35		"	11.5		64.0	10-130				
Surrogate: M2PFTeDA	6.95		"	11.5		60.5	10-130				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	96.7		"	91.9		105	5-130				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	20.1		"	22.0		91.4	40-130				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	46.0		"	46.0		100	40-130				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	25.2		"	23.0		110	40-130				
Surrogate: d3-N-MeFOSAA	41.0		"	46.0		89.2	40-170				
Surrogate: d5-N-EtFOSAA	38.0		"	46.0		82.7	25-135				
Surrogate: M2-6:2 FTS	49.6		"	43.7		113	40-200				
Surrogate: M2-8:2 FTS	47.6		"	44.1		108	40-300				
Surrogate: M9PFNA	10.7		"	11.5		93.4	40-130				
Surrogate: M2-4:2 FTS	51.6		"	43.1		120	40-200				
Surrogate: d-N-MeFOSA	20.8		"	23.0		90.5	10-130				
Surrogate: d-N-EtFOSA	19.3		"	23.0		83.9	10-130				
Surrogate: M3HFPO-DA	112		"	91.9		122	40-130				
Surrogate: d9-N-EtFOSE	172		"	230		74.8	10-130				
Surrogate: d7-N-MeFOSE	208		"	230		90.4	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 BJ52021 - EPA 1633 Prep

Blank (BJ52021-BLK1)

Prepared: 10/31/2025 Analyzed: 11/02/2025

Perfluorobutanesulfonic acid (PFBS)	ND	0.176	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.199	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.199	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.182	"								
Perfluorooctanoic acid (PFOA)	ND	0.199	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.185	"								
Perfluorononanoic acid (PFNA)	ND	0.199	"								
Perfluorodecanoic acid (PFDA)	ND	0.199	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.199	"								
Perfluorododecanoic acid (PFDoA)	ND	0.199	"								
Perfluorotridecanoic acid (PFTriDA)	ND	0.199	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.199	"								
N-MeFOSAA	ND	0.199	"								
N-EtFOSAA	ND	0.498	"								
Perfluoropentanoic acid (PFPeA)	ND	0.398	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.199	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.199	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.192	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	0.757	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	0.765	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.797	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.355	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.398	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.398	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.398	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.187	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	0.747	"								
HFPO-DA (Gen-X)	ND	0.797	"								
11CL-PF3OUdS	ND	0.753	"								
9CL-PF3ONS	ND	0.745	"								
ADONA	ND	0.753	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.193	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.191	"								
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND	0.996	"								
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND	4.98	"								
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND	4.98	"								
N-MeFOSE	ND	1.99	"								
N-MeFOSA	ND	0.199	"								
N-EtFOSE	ND	1.99	"								
N-EtFOSA	ND	0.199	"								
Surrogate: M3PFBS	2.59		"	2.32		112	40-135				
Surrogate: M5PFHxA	2.52		"	2.49		101	40-130				
Surrogate: M4PFHpA	2.53		"	2.49		102	40-130				
Surrogate: M3PFHxS	2.48		"	2.36		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

Batch BJ52021 - EPA 1633 Prep

Blank (BJ52021-BLK1)

Prepared: 10/31/2025 Analyzed: 11/02/2025

Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.38		ug/kg wet	2.49		95.6	40-130				
Surrogate: M6PFDA	1.17		"	1.25		93.9	40-130				
Surrogate: M7PFUdA	1.13		"	1.25		90.4	40-130				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	0.973		"	1.25		78.2	40-130				
Surrogate: M2PFTeDA	0.989		"	1.25		79.4	20-130				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	10.5		"	9.96		105	8-130				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.22		"	2.39		93.0	40-130				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5.17		"	4.98		104	35-130				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.50		"	2.49		100	40-130				
Surrogate: d3-N-MeFOSAA	4.11		"	4.98		82.6	40-135				
Surrogate: d5-N-EtFOSAA	4.41		"	4.98		88.5	40-150				
Surrogate: M2-6:2 FTS	5.84		"	4.74		123	40-215				
Surrogate: M2-8:2 FTS	5.08		"	4.78		106	40-275				
Surrogate: M9PFNA	1.27		"	1.25		102	40-130				
Surrogate: M2-4:2 FTS	6.25		"	4.67		134	40-165				
Surrogate: d-N-MeFOSA	2.14		"	2.49		85.9	10-130				
Surrogate: d-N-EtFOSA	2.23		"	2.49		89.6	10-130				
Surrogate: M3HFPO-DA	10.1		"	9.96		101	40-130				
Surrogate: d9-N-EtFOSE	19.8		"	24.9		79.3	15-130				
Surrogate: d7-N-MeFOSE	21.6		"	24.9		86.9	20-130				

LCS (BJ52021-BS1)

Prepared: 10/31/2025 Analyzed: 11/02/2025

Perfluorobutanesulfonic acid (PFBS)	4.44	0.177	ug/kg wet	3.54		125	65-145				
Perfluorohexanoic acid (PFHxA)	4.78	0.200	"	4.00		120	65-140				
Perfluoroheptanoic acid (PFHpA)	4.36	0.200	"	4.00		109	65-145				
Perfluorohexanesulfonic acid (PFHxS)	4.06	0.183	"	3.66		111	60-150				
Perfluorooctanoic acid (PFOA)	5.19	0.200	"	4.00		130	70-150				
Perfluorooctanesulfonic acid (PFOS)	4.84	0.186	"	3.72		130	65-160				
Perfluorononanoic acid (PFNA)	4.67	0.200	"	4.00		117	70-155				
Perfluorodecanoic acid (PFDA)	4.80	0.200	"	4.00		120	70-155				
Perfluoroundecanoic acid (PFUnA)	4.73	0.200	"	4.00		118	70-155				
Perfluorododecanoic acid (PFDoA)	4.88	0.200	"	4.00		122	70-150				
Perfluorotridecanoic acid (PFTTrDA)	4.88	0.200	"	4.00		122	65-150				
Perfluorotetradecanoic acid (PFTA)	4.78	0.200	"	4.00		119	65-150				
N-MeFOSAA	4.59	0.200	"	4.00		115	65-155				
N-EtFOSAA	4.52	0.500	"	4.00		113	65-165				
Perfluoropentanoic acid (PFPeA)	9.22	0.400	"	8.00		115	60-150				
Perfluoro-1-octanesulfonamide (FOSA)	4.72	0.200	"	4.00		118	70-140				
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.79	0.200	"	3.82		125	65-155				
Perfluoro-1-decanesulfonic acid (PFDS)	4.55	0.193	"	3.86		118	40-155				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	17.2	0.760	"	15.2		113	55-200				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	18.9	0.768	"	15.4		123	70-150				
Perfluoro-n-butanoic acid (PFBA)	19.4	0.800	"	16.0		121	70-140				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	8.74	0.356	"	7.12		123	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 BJ52021 - EPA 1633 Prep											
LCS (BJ52021-BS1)						Prepared: 10/31/2025 Analyzed: 11/02/2025					
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	10.8	0.400	ug/kg wet	8.00		135	60-155				
Perfluoro-4-oxapentanoic acid (PFMPA)	9.23	0.400	"	8.00		115	30-140				
Perfluoro-5-oxahexanoic acid (PFMBA)	9.75	0.400	"	8.00		122	60-150				
Perfluoro-1-pentanesulfonate (PFPeS)	4.15	0.188	"	3.76		110	55-160				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	17.5	0.750	"	15.0		117	60-150				
HFPO-DA (Gen-X)	9.49	0.800	"	8.00		119	70-145				
11CL-PF3OUdS	8.86	0.756	"	7.56		117	45-160				
9CL-PF3ONS	9.43	0.748	"	7.48		126	70-150				
ADONA	9.40	0.756	"	7.56		124	70-160				
Perfluorododecanesulfonic acid (PFDoS)	4.39	0.194	"	3.88		113	25-160				
Perfluoro-1-nonanesulfonic acid (PFNS)	5.30	0.192	"	3.84		138	55-140				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	20.1	1.00	"	16.0		126	45-130				
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	98.7	5.00	"	80.0		123	60-130				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	106	5.00	"	80.0		133	60-150				
N-MeFOSE	44.9	2.00	"	40.0		112	70-140				
N-MeFOSA	5.21	0.200	"	4.00		130	70-155				
N-EtFOSE	46.2	2.00	"	40.0		115	70-135				
N-EtFOSA	5.07	0.200	"	4.00		127	70-140				
Surrogate: M3PFBS	2.16		"	2.33		92.8	40-135				
Surrogate: M5PFHxA	2.31		"	2.50		92.2	40-130				
Surrogate: M4PFHpA	2.45		"	2.50		98.0	40-130				
Surrogate: M3PFHxS	2.14		"	2.37		90.2	40-130				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.07		"	2.50		82.8	40-130				
Surrogate: M6PFDA	1.04		"	1.25		83.0	40-130				
Surrogate: M7PFUdA	1.01		"	1.25		81.1	40-130				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	0.912		"	1.25		72.9	40-130				
Surrogate: M2PFTeDA	0.868		"	1.25		69.5	20-130				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	9.26		"	10.0		92.6	8-130				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.13		"	2.40		88.8	40-130				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	4.59		"	5.00		91.9	35-130				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.57		"	2.50		103	40-130				
Surrogate: d3-N-MeFOSAA	4.37		"	5.00		87.3	40-135				
Surrogate: d5-N-EtFOSAA	4.54		"	5.00		90.8	40-150				
Surrogate: M2-6:2 FTS	4.43		"	4.76		93.3	40-215				
Surrogate: M2-8:2 FTS	4.26		"	4.80		88.8	40-275				
Surrogate: M9PFNA	1.13		"	1.25		90.0	40-130				
Surrogate: M2-4:2 FTS	4.48		"	4.69		95.5	40-165				
Surrogate: d-N-MeFOSA	2.05		"	2.50		82.0	10-130				
Surrogate: d-N-EtFOSA	2.25		"	2.50		89.9	10-130				
Surrogate: M3HFPO-DA	9.15		"	10.0		91.5	40-130				
Surrogate: d9-N-EtFOSE	21.2		"	25.0		84.9	15-130				
Surrogate: d7-N-MeFOSE	21.8		"	25.0		87.2	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 BJ52021 - EPA 1633 Prep											
LCS (BJ52021-BS2)						Prepared: 10/31/2025 Analyzed: 11/02/2025					
Perfluorobutanesulfonic acid (PFBS)	0.402	0.176	ug/kg wet	0.353		114	65-145				
Perfluorohexanoic acid (PFHxA)	0.399	0.199	"	0.398		100	65-140				
Perfluoroheptanoic acid (PFHpA)	0.416	0.199	"	0.398		104	65-145				
Perfluorohexanesulfonic acid (PFHxS)	0.381	0.182	"	0.365		104	60-150				
Perfluorooctanoic acid (PFOA)	0.423	0.199	"	0.398		106	70-150				
Perfluorooctanesulfonic acid (PFOS)	0.422	0.185	"	0.371		114	65-160				
Perfluorononanoic acid (PFNA)	0.430	0.199	"	0.398		108	70-155				
Perfluorodecanoic acid (PFDA)	0.478	0.199	"	0.398		120	70-155				
Perfluoroundecanoic acid (PFUnA)	0.423	0.199	"	0.398		106	70-155				
Perfluorododecanoic acid (PFDoA)	0.470	0.199	"	0.398		118	70-150				
Perfluorotridecanoic acid (PFTriDA)	0.526	0.199	"	0.398		132	65-150				
Perfluorotetradecanoic acid (PFTA)	0.400	0.199	"	0.398		100	65-150				
N-MeFOSAA	0.443	0.199	"	0.398		111	65-155				
N-EtFOSAA	0.441	0.498	"	0.398		111	65-165				
Perfluoropentanoic acid (PFPeA)	0.834	0.398	"	0.797		105	60-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.452	0.199	"	0.398		113	70-140				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.455	0.199	"	0.380		120	65-155				
Perfluoro-1-decanesulfonic acid (PFDS)	0.472	0.192	"	0.384		123	40-155				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1.69	0.757	"	1.51		111	55-200				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1.68	0.765	"	1.53		110	70-150				
Perfluoro-n-butanoic acid (PFBA)	1.71	0.797	"	1.59		107	70-140				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	0.750	0.355	"	0.709		106	70-140				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	0.948	0.398	"	0.797		119	60-155				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.844	0.398	"	0.797		106	30-140				
Perfluoro-5-oxahexanoic acid (PFMBA)	0.912	0.398	"	0.797		114	60-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.408	0.187	"	0.375		109	55-160				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1.56	0.747	"	1.49		104	60-150				
HFPO-DA (Gen-X)	0.916	0.797	"	0.797		115	70-145				
11CL-PF3OUdS	0.956	0.753	"	0.753		127	45-160				
9CL-PF3ONS	0.932	0.745	"	0.745		125	70-150				
ADONA	0.925	0.753	"	0.753		123	70-160				
Perfluorododecanesulfonic acid (PFDoS)	0.468	0.193	"	0.386		121	25-160				
Perfluoro-1-nonanesulfonic acid (PFNS)	0.382	0.191	"	0.382		99.9	55-140				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	2.07	0.996	"	1.59		130	45-130				
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	8.71	4.98	"	7.97		109	60-130				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	8.28	4.98	"	7.97		104	60-150				
N-MeFOSE	4.20	1.99	"	3.98		105	70-140				
N-MeFOSA	0.503	0.199	"	0.398		126	70-155				
N-EtFOSE	4.34	1.99	"	3.98		109	70-135				
N-EtFOSA	0.589	0.199	"	0.398		148	70-140	High Bias			
Surrogate: M3PFBS	2.19		"	2.32		94.2	40-135				
Surrogate: M5PFHxA	2.23		"	2.49		89.6	40-130				
Surrogate: M4PFHpA	2.38		"	2.49		95.5	40-130				
Surrogate: M3PFHxS	1.96		"	2.36		82.9	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 BJ52021 - EPA 1633 Prep

LCS (BJ52021-BS2)

Prepared: 10/31/2025 Analyzed: 11/02/2025

Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.15		ug/kg wet	2.49		86.5	40-130				
Surrogate: M6PFDA	1.02		"	1.25		81.7	40-130				
Surrogate: M7PFUdA	1.01		"	1.25		81.3	40-130				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	0.913		"	1.25		73.4	40-130				
Surrogate: M2PFTeDA	0.920		"	1.25		73.9	20-130				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	9.05		"	9.96		90.9	8-130				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	1.87		"	2.39		78.2	40-130				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	4.49		"	4.98		90.2	35-130				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.09		"	2.49		84.0	40-130				
Surrogate: d3-N-MeFOSAA	3.51		"	4.98		70.6	40-135				
Surrogate: d5-N-EtFOSAA	3.91		"	4.98		78.5	40-150				
Surrogate: M2-6:2 FTS	4.75		"	4.74		100	40-215				
Surrogate: M2-8:2 FTS	4.71		"	4.78		98.5	40-275				
Surrogate: M9PFNA	1.19		"	1.25		96.0	40-130				
Surrogate: M2-4:2 FTS	5.00		"	4.67		107	40-165				
Surrogate: d-N-MeFOSA	1.83		"	2.49		73.3	10-130				
Surrogate: d-N-EtFOSA	1.85		"	2.49		74.4	10-130				
Surrogate: M3HFPO-DA	9.03		"	9.96		90.7	40-130				
Surrogate: d9-N-EtFOSE	18.6		"	24.9		74.6	15-130				
Surrogate: d7-N-MeFOSE	19.5		"	24.9		78.3	20-130				

Matrix Spike (BJ52021-MS1)

*Source sample: 25J1519-08 (SB-2 Comp)

Prepared: 10/31/2025 Analyzed: 11/03/2025

Perfluorobutanesulfonic acid (PFBS)	4.67	0.188	ug/kg dry	3.77	ND	124	65-145				
Perfluorohexanoic acid (PFHxA)	5.01	0.213	"	4.26	ND	118	65-140				
Perfluoroheptanoic acid (PFHpA)	4.97	0.213	"	4.26	ND	117	65-145				
Perfluorohexanesulfonic acid (PFHxS)	4.03	0.195	"	3.90	ND	104	60-150				
Perfluorooctanoic acid (PFOA)	5.40	0.213	"	4.26	ND	127	70-150				
Perfluorooctanesulfonic acid (PFOS)	4.73	0.198	"	3.96	0.0885	117	65-160				
Perfluorononanoic acid (PFNA)	5.13	0.213	"	4.26	ND	121	70-155				
Perfluorodecanoic acid (PFDA)	5.50	0.213	"	4.26	ND	129	70-155				
Perfluoroundecanoic acid (PFUnA)	5.29	0.213	"	4.26	ND	124	70-155				
Perfluorododecanoic acid (PFDoA)	5.39	0.213	"	4.26	ND	127	70-150				
Perfluorotridecanoic acid (PFTTrDA)	5.61	0.213	"	4.26	ND	132	65-150				
Perfluorotetradecanoic acid (PFTA)	5.56	0.213	"	4.26	ND	130	65-150				
N-MeFOSAA	4.79	0.213	"	4.26	ND	113	65-155				
N-EtFOSAA	4.33	0.532	"	4.26	ND	102	65-165				
Perfluoropentanoic acid (PFPeA)	9.98	0.426	"	8.52	ND	117	60-150				
Perfluoro-1-octanesulfonamide (FOSA)	5.17	0.213	"	4.26	ND	121	70-140				
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.50	0.213	"	4.07	ND	111	65-155				
Perfluoro-1-decanesulfonic acid (PFDS)	4.62	0.206	"	4.11	ND	112	40-155				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	18.6	0.809	"	16.2	ND	115	55-200				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	19.6	0.818	"	16.4	ND	120	70-150				
Perfluoro-n-butanoic acid (PFBA)	20.6	0.852	"	17.0	ND	121	70-140				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	9.60	0.379	"	7.58	ND	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 BJ52021 - EPA 1633 Prep

Matrix Spike (BJ52021-MS1)	*Source sample: 25J1519-08 (SB-2 Comp)							Prepared: 10/31/2025 Analyzed: 11/03/2025			
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	13.7	0.426	ug/kg dry	8.52	ND	161	60-155	High Bias			
Perfluoro-4-oxapentanoic acid (PFMPA)	9.88	0.426	"	8.52	ND	116	30-140				
Perfluoro-5-oxahexanoic acid (PFMBA)	10.4	0.426	"	8.52	ND	122	60-150				
Perfluoro-1-pentanesulfonate (PFPeS)	4.21	0.200	"	4.00	ND	105	55-160				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	19.1	0.799	"	16.0	ND	120	60-150				
HFPO-DA (Gen-X)	9.35	0.852	"	8.52	ND	110	70-145				
11CL-PF3OUdS	9.34	0.805	"	8.05	ND	116	45-160				
9CL-PF3ONS	9.60	0.796	"	7.96	ND	121	70-150				
ADONA	9.67	0.805	"	8.05	ND	120	70-160				
Perfluorododecanesulfonic acid (PFDoS)	4.19	0.207	"	4.13	ND	101	25-160				
Perfluoro-1-nonanesulfonic acid (PFNS)	5.06	0.204	"	4.09	ND	124	55-140				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	16.4	1.06	"	17.0	ND	96.3	45-130				
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	84.8	5.32	"	85.2	ND	99.5	60-130				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	94.3	5.32	"	85.2	ND	111	60-150				
N-MeFOSE	49.5	2.13	"	42.6	ND	116	70-140				
N-MeFOSA	4.83	0.213	"	4.26	ND	113	70-155				
N-EtFOSE	49.0	2.13	"	42.6	ND	115	70-135				
N-EtFOSA	5.67	0.213	"	4.26	ND	133	70-140				
Surrogate: M3PFBS	2.15		"	2.48		86.5	40-135				
Surrogate: M5PFHxA	2.27		"	2.66		85.4	40-130				
Surrogate: M4PFHpA	2.48		"	2.66		93.2	40-130				
Surrogate: M3PFHxS	2.32		"	2.52		91.8	40-130				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.14		"	2.66		80.3	40-130				
Surrogate: M6PFDA	1.18		"	1.33		88.6	40-130				
Surrogate: M7PFUdA	1.12		"	1.33		84.5	40-130				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.09		"	1.33		81.7	40-130				
Surrogate: M2PFTeDA	0.958		"	1.33		72.0	20-130				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	9.24		"	10.6		86.8	8-130				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.52		"	2.55		98.6	40-130				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	4.32		"	5.32		81.2	35-130				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.40		"	2.66		90.1	40-130				
Surrogate: d3-N-MeFOSAA	4.80		"	5.32		90.1	40-135				
Surrogate: d5-N-EtFOSAA	4.85		"	5.32		91.0	40-150				
Surrogate: M2-6:2 FTS	3.89		"	5.06		76.9	40-215				
Surrogate: M2-8:2 FTS	4.09		"	5.11		80.0	40-275				
Surrogate: M9PFNA	1.18		"	1.33		88.9	40-130				
Surrogate: M2-4:2 FTS	3.94		"	4.99		79.0	40-165				
Surrogate: d-N-MeFOSA	2.08		"	2.66		78.2	10-130				
Surrogate: d-N-EtFOSA	1.91		"	2.66		71.6	10-130				
Surrogate: M3HFPO-DA	9.90		"	10.6		93.0	40-130				
Surrogate: d9-N-EtFOSE	19.5		"	26.6		73.4	15-130				
Surrogate: d7-N-MeFOSE	19.0		"	26.6		71.5	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 BJ52021 - EPA 1633 Prep											
Matrix Spike (BJ52021-MS2)		*Source sample: 25J1519-16 (SB-4 12"-24")					Prepared: 10/31/2025 Analyzed: 11/03/2025				
Perfluorobutanesulfonic acid (PFBS)	4.53	0.194	ug/kg dry	3.88	ND	117	65-145				
Perfluorohexanoic acid (PFHxA)	5.30	0.219	"	4.39	ND	121	65-140				
Perfluoroheptanoic acid (PFHpA)	5.08	0.219	"	4.39	ND	116	65-145				
Perfluorohexanesulfonic acid (PFHxS)	4.35	0.201	"	4.01	ND	108	60-150				
Perfluorooctanoic acid (PFOA)	5.75	0.219	"	4.39	0.126	128	70-150				
Perfluorooctanesulfonic acid (PFOS)	4.52	0.204	"	4.08	ND	111	65-160				
Perfluorononanoic acid (PFNA)	5.41	0.219	"	4.39	ND	123	70-155				
Perfluorodecanoic acid (PFDA)	5.90	0.219	"	4.39	ND	135	70-155				
Perfluoroundecanoic acid (PFUnA)	5.42	0.219	"	4.39	ND	124	70-155				
Perfluorododecanoic acid (PFDoA)	5.51	0.219	"	4.39	ND	126	70-150				
Perfluorotridecanoic acid (PFTriDA)	5.68	0.219	"	4.39	ND	129	65-150				
Perfluorotetradecanoic acid (PFTA)	5.22	0.219	"	4.39	ND	119	65-150				
N-MeFOSAA	5.38	0.219	"	4.39	ND	123	65-155				
N-EtFOSAA	4.75	0.548	"	4.39	ND	108	65-165				
Perfluoropentanoic acid (PFPeA)	9.96	0.439	"	8.77	ND	114	60-150				
Perfluoro-1-octanesulfonamide (FOSA)	5.01	0.219	"	4.39	ND	114	70-140				
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.28	0.219	"	4.19	ND	102	65-155				
Perfluoro-1-decanesulfonic acid (PFDS)	4.42	0.212	"	4.23	ND	104	40-155				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	17.9	0.833	"	16.7	ND	107	55-200				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	20.7	0.842	"	16.8	ND	123	70-150				
Perfluoro-n-butanoic acid (PFBA)	21.6	0.877	"	17.5	ND	123	70-140				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	10.1	0.390	"	7.81	ND	129	70-140				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	12.2	0.439	"	8.77	ND	139	60-155				
Perfluoro-4-oxapentanoic acid (PFMPA)	9.74	0.439	"	8.77	ND	111	30-140				
Perfluoro-5-oxahexanoic acid (PFMBA)	10.9	0.439	"	8.77	ND	124	60-150				
Perfluoro-1-pentanesulfonate (PFPeS)	4.47	0.206	"	4.12	ND	109	55-160				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	20.1	0.822	"	16.4	ND	122	60-150				
HFPO-DA (Gen-X)	10.5	0.877	"	8.77	ND	120	70-145				
11CL-PF3OUdS	10.4	0.829	"	8.29	ND	126	45-160				
9CL-PF3ONS	10.5	0.820	"	8.20	ND	129	70-150				
ADONA	10.7	0.829	"	8.29	ND	129	70-160				
Perfluorododecanesulfonic acid (PFDoS)	3.71	0.213	"	4.25	ND	87.2	25-160				
Perfluoro-1-nonanesulfonic acid (PFNS)	5.07	0.210	"	4.21	ND	120	55-140				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	16.8	1.10	"	17.5	ND	95.5	45-130				
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	89.9	5.48	"	87.7	ND	102	60-130				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	101	5.48	"	87.7	ND	115	60-150				
N-MeFOSE	52.5	2.19	"	43.9	ND	120	70-140				
N-MeFOSA	5.38	0.219	"	4.39	ND	123	70-155				
N-EtFOSE	50.3	2.19	"	43.9	ND	115	70-135				
N-EtFOSA	5.10	0.219	"	4.39	ND	116	70-140				
Surrogate: M3PFBS	2.78		"	2.55		109	40-135				
Surrogate: M5PFHxA	2.49		"	2.74		90.7	40-130				
Surrogate: M4PFHpA	2.76		"	2.74		101	40-130				
Surrogate: M3PFHxS	2.76		"	2.60		106	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 BJ52021 - EPA 1633 Prep

Matrix Spike (BJ52021-MS2)		*Source sample: 25J1519-16 (SB-4 12"-24")					Prepared: 10/31/2025 Analyzed: 11/03/2025				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.38		ug/kg dry	2.74		87.0	40-130				
Surrogate: M6PFDA	1.27		"	1.37		92.8	40-130				
Surrogate: M7PFUdA	1.33		"	1.37		96.8	40-130				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.27		"	1.37		92.5	40-130				
Surrogate: M2PFTeDA	1.11		"	1.37		80.7	20-130				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	9.98		"	11.0		91.0	8-130				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	3.05		"	2.63		116	40-130				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	4.88		"	5.48		89.1	35-130				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.89		"	2.74		105	40-130				
Surrogate: d3-N-MeFOSAA	5.37		"	5.48		97.9	40-135				
Surrogate: d5-N-EtFOSAA	5.49		"	5.48		100	40-150				
Surrogate: M2-6:2 FTS	5.04		"	5.21		96.6	40-215				
Surrogate: M2-8:2 FTS	4.93		"	5.26		93.7	40-275				
Surrogate: M9PFNA	1.35		"	1.37		98.2	40-130				
Surrogate: M2-4:2 FTS	4.72		"	5.14		91.7	40-165				
Surrogate: d-N-MeFOSA	2.37		"	2.74		86.4	10-130				
Surrogate: d-N-EtFOSA	2.50		"	2.74		91.3	10-130				
Surrogate: M3HFPO-DA	10.5		"	11.0		95.8	40-130				
Surrogate: d9-N-EtFOSE	22.5		"	27.4		82.1	15-130				
Surrogate: d7-N-MeFOSE	21.8		"	27.4		79.5	20-130				

Matrix Spike Dup (BJ52021-MSD1)		*Source sample: 25J1519-08 (SB-2 Comp)					Prepared: 10/31/2025 Analyzed: 11/03/2025				
Perfluorobutanesulfonic acid (PFBS)	4.59	0.188	ug/kg dry	3.75	ND	122	65-145	1.77	35		
Perfluorohexanoic acid (PFHxA)	5.25	0.212	"	4.24	ND	124	65-140	4.67	35		
Perfluoroheptanoic acid (PFHpA)	5.22	0.212	"	4.24	ND	123	65-145	4.78	35		
Perfluorohexanesulfonic acid (PFHxS)	4.37	0.194	"	3.88	ND	113	60-150	7.93	35		
Perfluorooctanoic acid (PFOA)	5.29	0.212	"	4.24	ND	125	70-150	2.07	35		
Perfluorooctanesulfonic acid (PFOS)	4.57	0.197	"	3.95	0.0885	114	65-160	3.45	35		
Perfluorononanoic acid (PFNA)	4.99	0.212	"	4.24	ND	118	70-155	2.89	35		
Perfluorodecanoic acid (PFDA)	5.37	0.212	"	4.24	ND	127	70-155	2.34	35		
Perfluoroundecanoic acid (PFUnA)	5.25	0.212	"	4.24	ND	124	70-155	0.648	35		
Perfluorododecanoic acid (PFDoA)	5.13	0.212	"	4.24	ND	121	70-150	4.93	35		
Perfluorotridecanoic acid (PFTriDA)	5.77	0.212	"	4.24	ND	136	65-150	2.83	35		
Perfluorotetradecanoic acid (PFTA)	5.70	0.212	"	4.24	ND	134	65-150	2.62	35		
N-MeFOSAA	5.00	0.212	"	4.24	ND	118	65-155	4.13	35		
N-EtFOSAA	4.91	0.530	"	4.24	ND	116	65-165	12.7	35		
Perfluoropentanoic acid (PFPeA)	10.2	0.424	"	8.48	ND	120	60-150	2.16	35		
Perfluoro-1-octanesulfonamide (FOSA)	5.10	0.212	"	4.24	ND	120	70-140	1.33	35		
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.32	0.212	"	4.05	ND	107	65-155	3.97	35		
Perfluoro-1-decanesulfonic acid (PFDS)	4.25	0.205	"	4.09	ND	104	40-155	8.34	35		
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	18.7	0.806	"	16.1	ND	116	55-200	0.749	35		
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	19.7	0.814	"	16.3	ND	121	70-150	0.455	35		
Perfluoro-n-butanoic acid (PFBA)	21.0	0.848	"	17.0	ND	124	70-140	1.54	35		
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	9.52	0.378	"	7.55	ND	126	70-140	0.774	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 BJ52021 - EPA 1633 Prep											
Matrix Spike Dup (BJ52021-MSD1)		*Source sample: 25J1519-08 (SB-2 Comp)						Prepared: 10/31/2025 Analyzed: 11/03/2025			
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	12.3	0.424	ug/kg dry	8.48	ND	145	60-155		11.1	30	
Perfluoro-4-oxapentanoic acid (PFMPA)	10.0	0.424	"	8.48	ND	118	30-140		1.53	30	
Perfluoro-5-oxahexanoic acid (PFMBA)	10.8	0.424	"	8.48	ND	127	60-150		3.91	30	
Perfluoro-1-pentanesulfonate (PFPeS)	4.59	0.199	"	3.99	ND	115	55-160		8.58	30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	20.1	0.795	"	15.9	ND	126	60-150		4.94	30	
HFPO-DA (Gen-X)	11.8	0.848	"	8.48	ND	139	70-145		23.4	30	
11CL-PF3OUdS	9.77	0.802	"	8.02	ND	122	45-160		4.44	30	
9CL-PF3ONS	10.5	0.793	"	7.93	ND	132	70-150		8.46	30	
ADONA	10.4	0.802	"	8.02	ND	129	70-160		6.84	30	
Perfluorododecanesulfonic acid (PFDoS)	3.65	0.206	"	4.11	ND	88.6	25-160		13.8	30	
Perfluoro-1-nonanesulfonic acid (PFNS)	4.72	0.204	"	4.07	ND	116	55-140		6.90	30	
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	18.8	1.06	"	17.0	ND	111	45-130		13.6	30	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	90.8	5.30	"	84.8	ND	107	60-130		6.81	30	
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	100	5.30	"	84.8	ND	118	60-150		5.88	30	
N-MeFOSE	48.8	2.12	"	42.4	ND	115	70-140		1.35	30	
N-MeFOSA	5.45	0.212	"	4.24	ND	129	70-155		12.0	30	
N-EtFOSE	50.5	2.12	"	42.4	ND	119	70-135		3.10	30	
N-EtFOSA	5.25	0.212	"	4.24	ND	124	70-140		7.59	30	
Surrogate: M3PFBS	2.31		"	2.47		93.7	40-135				
Surrogate: M5PFHxA	2.37		"	2.65		89.5	40-130				
Surrogate: M4PFHpA	2.40		"	2.65		90.7	40-130				
Surrogate: M3PFHxS	2.27		"	2.51		90.4	40-130				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.28		"	2.65		85.8	40-130				
Surrogate: M6PFDA	1.02		"	1.33		76.8	40-130				
Surrogate: M7PFUdA	1.07		"	1.33		80.8	40-130				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	0.986		"	1.33		74.4	40-130				
Surrogate: M2PFTeDA	0.811		"	1.33		61.2	20-130				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	9.27		"	10.6		87.4	8-130				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.48		"	2.54		97.7	40-130				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	4.42		"	5.30		83.4	35-130				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.48		"	2.65		93.4	40-130				
Surrogate: d3-N-MeFOSAA	4.10		"	5.30		77.4	40-135				
Surrogate: d5-N-EtFOSAA	4.11		"	5.30		77.5	40-150				
Surrogate: M2-6:2 FTS	4.03		"	5.04		79.9	40-215				
Surrogate: M2-8:2 FTS	4.25		"	5.09		83.5	40-275				
Surrogate: M9PFNA	1.21		"	1.33		91.2	40-130				
Surrogate: M2-4:2 FTS	3.78		"	4.97		75.9	40-165				
Surrogate: d-N-MeFOSA	1.93		"	2.65		72.6	10-130				
Surrogate: d-N-EtFOSA	2.06		"	2.65		77.6	10-130				
Surrogate: M3HFPO-DA	9.66		"	10.6		91.1	40-130				
Surrogate: d9-N-EtFOSE	18.1		"	26.5		68.1	15-130				
Surrogate: d7-N-MeFOSE	18.0		"	26.5		67.9	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 BJ52021 - EPA 1633 Prep											
Matrix Spike Dup (BJ52021-MSD2)	*Source sample: 25J1519-16 (SB-4 12"-24")						Prepared: 10/31/2025 Analyzed: 11/03/2025				
Perfluorobutanesulfonic acid (PFBS)	4.66	0.194	ug/kg dry	3.87	ND	120	65-145		2.89	35	
Perfluorohexanoic acid (PFHxA)	5.43	0.219	"	4.38	ND	124	65-140		2.33	35	
Perfluoroheptanoic acid (PFHpA)	4.77	0.219	"	4.38	ND	109	65-145		6.16	35	
Perfluorohexanesulfonic acid (PFHxS)	4.30	0.200	"	4.00	ND	107	60-150		1.07	35	
Perfluorooctanoic acid (PFOA)	5.65	0.219	"	4.38	0.126	126	70-150		1.67	35	
Perfluorooctanesulfonic acid (PFOS)	4.90	0.204	"	4.07	ND	120	65-160		8.04	35	
Perfluorononanoic acid (PFNA)	5.50	0.219	"	4.38	ND	126	70-155		1.77	35	
Perfluorodecanoic acid (PFDA)	5.31	0.219	"	4.38	ND	121	70-155		10.4	35	
Perfluoroundecanoic acid (PFUnA)	5.57	0.219	"	4.38	ND	127	70-155		2.72	35	
Perfluorododecanoic acid (PFDoA)	5.38	0.219	"	4.38	ND	123	70-150		2.39	35	
Perfluorotridecanoic acid (PFTriDA)	5.74	0.219	"	4.38	ND	131	65-150		1.20	35	
Perfluorotetradecanoic acid (PFTA)	5.51	0.219	"	4.38	ND	126	65-150		5.37	35	
N-MeFOSAA	4.75	0.219	"	4.38	ND	109	65-155		12.3	35	
N-EtFOSAA	5.02	0.547	"	4.38	ND	115	65-165		5.48	35	
Perfluoropentanoic acid (PFPeA)	10.1	0.438	"	8.75	ND	116	60-150		1.56	35	
Perfluoro-1-octanesulfonamide (FOSA)	5.12	0.219	"	4.38	ND	117	70-140		2.25	35	
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.49	0.219	"	4.18	ND	107	65-155		4.73	35	
Perfluoro-1-decanesulfonic acid (PFDS)	3.89	0.211	"	4.22	ND	92.2	40-155		12.7	35	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	17.9	0.832	"	16.6	ND	108	55-200		0.208	35	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	18.5	0.840	"	16.8	ND	110	70-150		11.1	35	
Perfluoro-n-butanoic acid (PFBA)	21.5	0.875	"	17.5	ND	123	70-140		0.239	35	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	9.89	0.390	"	7.79	ND	127	70-140		1.70	30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	13.4	0.438	"	8.75	ND	154	60-155		10.1	30	
Perfluoro-4-oxapentanoic acid (PFMPA)	10.2	0.438	"	8.75	ND	116	30-140		4.24	30	
Perfluoro-5-oxahexanoic acid (PFMBA)	10.9	0.438	"	8.75	ND	124	60-150		0.163	30	
Perfluoro-1-pentanesulfonate (PFPeS)	4.77	0.206	"	4.11	ND	116	55-160		6.39	30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	20.2	0.821	"	16.4	ND	123	60-150		0.496	30	
HFPO-DA (Gen-X)	10.5	0.875	"	8.75	ND	121	70-145		0.436	30	
11CL-PF3OUdS	10.7	0.827	"	8.27	ND	130	45-160		3.11	30	
9CL-PF3ONS	11.2	0.818	"	8.18	ND	136	70-150		5.72	30	
ADONA	11.3	0.827	"	8.27	ND	137	70-160		5.90	30	
Perfluorododecanesulfonic acid (PFDoS)	4.12	0.212	"	4.25	ND	97.1	25-160		10.5	30	
Perfluoro-1-nonanesulfonic acid (PFNS)	4.86	0.210	"	4.20	ND	116	55-140		4.28	30	
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	16.9	1.09	"	17.5	ND	96.7	45-130		1.03	30	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	88.3	5.47	"	87.5	ND	101	60-130		1.72	30	
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	95.5	5.47	"	87.5	ND	109	60-150		5.24	30	
N-MeFOSE	50.9	2.19	"	43.8	ND	116	70-140		3.12	30	
N-MeFOSA	5.02	0.219	"	4.38	ND	115	70-155		7.00	30	
N-EtFOSE	51.6	2.19	"	43.8	ND	118	70-135		2.51	30	
N-EtFOSA	5.50	0.219	"	4.38	ND	126	70-140		7.50	30	
Surrogate: M3PFBS	2.31		"	2.55		90.6	40-135				
Surrogate: M5PFHxA	2.36		"	2.74		86.3	40-130				
Surrogate: M4PFHpA	2.72		"	2.74		99.5	40-130				
Surrogate: M3PFHxS	2.35		"	2.59		90.8	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 BJ52021 - EPA 1633 Prep

Matrix Spike Dup (BJ52021-MSD2)		*Source sample: 25J1519-16 (SB-4 12"-24")				Prepared: 10/31/2025 Analyzed: 11/03/2025					
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.10		ug/kg dry	2.74		76.6	40-130				
Surrogate: M6PFDA	1.04		"	1.37		76.3	40-130				
Surrogate: M7PFUdA	1.02		"	1.37		74.7	40-130				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	0.984		"	1.37		72.0	40-130				
Surrogate: M2PFTeDA	0.840		"	1.37		61.4	20-130				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	9.28		"	10.9		84.8	8-130				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.63		"	2.62		100	40-130				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	4.51		"	5.47		82.4	35-130				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.47		"	2.74		90.5	40-130				
Surrogate: d3-N-MeFOSAA	4.36		"	5.47		79.6	40-135				
Surrogate: d5-N-EtFOSAA	4.49		"	5.47		82.0	40-150				
Surrogate: M2-6:2 FTS	4.49		"	5.20		86.3	40-215				
Surrogate: M2-8:2 FTS	4.58		"	5.25		87.3	40-275				
Surrogate: M9PFNA	1.15		"	1.37		84.3	40-130				
Surrogate: M2-4:2 FTS	4.12		"	5.13		80.2	40-165				
Surrogate: d-N-MeFOSA	2.30		"	2.74		84.0	10-130				
Surrogate: d-N-EtFOSA	2.22		"	2.74		81.3	10-130				
Surrogate: M3HFPO-DA	9.07		"	10.9		82.9	40-130				
Surrogate: d9-N-EtFOSE	20.5		"	27.4		75.0	15-130				
Surrogate: d7-N-MeFOSE	21.0		"	27.4		76.9	20-130				



Organochlorine Pesticides by GC/ECD - 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 BJ51625 - EPA 3546 PPCB

Blank (BJ51625-BLK1)

Prepared & Analyzed: 10/24/2025

4,4'-DDD	ND	0.00164	mg/kg wet
4,4'-DDE	ND	0.00164	"
4,4'-DDT	ND	0.00164	"
Aldrin	ND	0.00164	"
alpha-BHC	ND	0.00164	"
beta-BHC	ND	0.00164	"
delta-BHC	ND	0.00164	"
Dieldrin	ND	0.00164	"
Endosulfan I	ND	0.00164	"
Endosulfan II	ND	0.00164	"
Endosulfan sulfate	ND	0.00164	"
Endrin	ND	0.00164	"
Endrin aldehyde	ND	0.00164	"
Endrin ketone	ND	0.00164	"
gamma-BHC (Lindane)	ND	0.00164	"
Heptachlor	ND	0.00164	"
Heptachlor epoxide	ND	0.00164	"
Methoxychlor	ND	0.00164	"
Toxaphene	ND	0.164	"
Chlordane, total	ND	0.0329	"

Surrogate: Decachlorobiphenyl

0.0633

"

0.0664

95.3

30-150

Surrogate: Tetrachloro-m-xylene

0.0575

"

0.0664

86.5

30-150

LCS (BJ51625-BS1)

Prepared & Analyzed: 10/24/2025

4,4'-DDD	0.0322	0.00164	mg/kg wet	0.0332	97.0	40-140
4,4'-DDE	0.0323	0.00164	"	0.0332	97.1	40-140
4,4'-DDT	0.0333	0.00164	"	0.0332	100	40-140
Aldrin	0.0320	0.00164	"	0.0332	96.4	40-140
alpha-BHC	0.0322	0.00164	"	0.0332	97.0	40-140
beta-BHC	0.0353	0.00164	"	0.0332	106	40-140
delta-BHC	0.0272	0.00164	"	0.0332	81.7	40-140
Dieldrin	0.0324	0.00164	"	0.0332	97.6	40-140
Endosulfan I	0.0332	0.00164	"	0.0332	100	40-140
Endosulfan II	0.0349	0.00164	"	0.0332	105	40-140
Endosulfan sulfate	0.0324	0.00164	"	0.0332	97.4	40-140
Endrin	0.0330	0.00164	"	0.0332	99.2	40-140
Endrin aldehyde	0.0332	0.00164	"	0.0332	99.8	40-140
Endrin ketone	0.0348	0.00164	"	0.0332	105	40-140
gamma-BHC (Lindane)	0.0326	0.00164	"	0.0332	98.1	40-140
Heptachlor	0.0321	0.00164	"	0.0332	96.7	40-140
Heptachlor epoxide	0.0333	0.00164	"	0.0332	100	40-140
Methoxychlor	0.0349	0.00164	"	0.0332	105	40-140

Surrogate: Decachlorobiphenyl

0.0555

"

0.0664

83.5

30-150

Surrogate: Tetrachloro-m-xylene

0.0514

"

0.0664

77.4

30-150



Organochlorine Pesticides by GC/ECD - 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 BJ51625 - EPA 3546 PPCB

Matrix Spike (BJ51625-MS1)		*Source sample: 25J1519-08 (SB-2 Comp)					Prepared & Analyzed: 10/24/2025				
4,4'-DDD	0.0231	0.00175	mg/kg dry	0.0354	ND	65.2	30-150				
4,4'-DDE	0.0230	0.00175	"	0.0354	ND	65.0	30-150				
4,4'-DDT	0.0242	0.00175	"	0.0354	ND	68.2	30-150				
Aldrin	0.0224	0.00175	"	0.0354	ND	63.3	30-150				
alpha-BHC	0.0228	0.00175	"	0.0354	ND	64.3	30-150				
beta-BHC	0.0257	0.00175	"	0.0354	ND	72.6	30-150				
delta-BHC	0.0200	0.00175	"	0.0354	ND	56.3	30-150				
Dieldrin	0.0233	0.00175	"	0.0354	ND	65.6	30-150				
Endosulfan I	0.0240	0.00175	"	0.0354	ND	67.6	30-150				
Endosulfan II	0.0252	0.00175	"	0.0354	ND	71.0	30-150				
Endosulfan sulfate	0.0235	0.00175	"	0.0354	ND	66.2	30-150				
Endrin	0.0237	0.00175	"	0.0354	ND	66.9	30-150				
Endrin aldehyde	0.0244	0.00175	"	0.0354	ND	68.8	30-150				
Endrin ketone	0.0253	0.00175	"	0.0354	ND	71.5	30-150				
gamma-BHC (Lindane)	0.0230	0.00175	"	0.0354	ND	64.8	30-150				
Heptachlor	0.0234	0.00175	"	0.0354	ND	66.0	30-150				
Heptachlor epoxide	0.0239	0.00175	"	0.0354	ND	67.5	30-150				
Methoxychlor	0.0256	0.00175	"	0.0354	ND	72.2	30-150				
Surrogate: Decachlorobiphenyl	0.0402		"	0.0709		56.8	30-150				
Surrogate: Tetrachloro-m-xylene	0.0372		"	0.0709		52.5	30-150				

Matrix Spike Dup (BJ51625-MSD1)		*Source sample: 25J1519-08 (SB-2 Comp)					Prepared & Analyzed: 10/24/2025				
4,4'-DDD	0.0305	0.00175	mg/kg dry	0.0354	ND	86.0	30-150	27.6	30		
4,4'-DDE	0.0304	0.00175	"	0.0354	ND	85.7	30-150	27.5	30		
4,4'-DDT	0.0317	0.00175	"	0.0354	ND	89.4	30-150	27.0	30		
Aldrin	0.0297	0.00175	"	0.0354	ND	83.7	30-150	27.9	30		
alpha-BHC	0.0302	0.00175	"	0.0354	ND	85.2	30-150	28.0	30		
beta-BHC	0.0332	0.00175	"	0.0354	ND	93.8	30-150	25.4	30		
delta-BHC	0.0263	0.00175	"	0.0354	ND	74.3	30-150	27.5	30		
Dieldrin	0.0305	0.00175	"	0.0354	ND	86.1	30-150	27.1	30		
Endosulfan I	0.0314	0.00175	"	0.0354	ND	88.6	30-150	26.9	30		
Endosulfan II	0.0329	0.00175	"	0.0354	ND	92.8	30-150	26.7	30		
Endosulfan sulfate	0.0308	0.00175	"	0.0354	ND	87.0	30-150	27.1	30		
Endrin	0.0312	0.00175	"	0.0354	ND	88.1	30-150	27.5	30		
Endrin aldehyde	0.0316	0.00175	"	0.0354	ND	89.1	30-150	25.8	30		
Endrin ketone	0.0329	0.00175	"	0.0354	ND	92.9	30-150	26.1	30		
gamma-BHC (Lindane)	0.0303	0.00175	"	0.0354	ND	85.4	30-150	27.5	30		
Heptachlor	0.0306	0.00175	"	0.0354	ND	86.4	30-150	26.7	30		
Heptachlor epoxide	0.0314	0.00175	"	0.0354	ND	88.5	30-150	26.9	30		
Methoxychlor	0.0334	0.00175	"	0.0354	ND	94.2	30-150	26.4	30		
Surrogate: Decachlorobiphenyl	0.0519		"	0.0709		73.3	30-150				
Surrogate: Tetrachloro-m-xylene	0.0481		"	0.0709		67.8	30-150				



Organochlorine Pesticides by GC/ECD - 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 BJ51679 - EPA 3550C

Blank (BJ51679-BLK1)

Prepared: 10/26/2025 Analyzed: 10/27/2025

4,4'-DDD	ND	0.00165	mg/kg wet								
4,4'-DDE	ND	0.00165	"								
4,4'-DDT	ND	0.00165	"								
Aldrin	ND	0.00165	"								
alpha-BHC	ND	0.00165	"								
beta-BHC	ND	0.00165	"								
delta-BHC	ND	0.00165	"								
Dieldrin	ND	0.00165	"								
Endosulfan I	ND	0.00165	"								
Endosulfan II	ND	0.00165	"								
Endosulfan sulfate	ND	0.00165	"								
Endrin	ND	0.00165	"								
Endrin aldehyde	ND	0.00165	"								
Endrin ketone	ND	0.00165	"								
gamma-BHC (Lindane)	ND	0.00165	"								
Heptachlor	ND	0.00165	"								
Heptachlor epoxide	ND	0.00165	"								
Methoxychlor	ND	0.00165	"								
Toxaphene	ND	0.165	"								
Chlordane, total	ND	0.0330	"								
Surrogate: Decachlorobiphenyl	0.0836		"	0.0667		125	30-150				
Surrogate: Tetrachloro-m-xylene	0.0471		"	0.0667		70.7	30-150				

LCS (BJ51679-BS1)

Prepared: 10/26/2025 Analyzed: 10/27/2025

4,4'-DDD	0.0303	0.00165	mg/kg wet	0.0333		91.0	40-140				
4,4'-DDE	0.0294	0.00165	"	0.0333		88.1	40-140				
4,4'-DDT	0.0270	0.00165	"	0.0333		80.9	40-140				
Aldrin	0.0291	0.00165	"	0.0333		87.3	40-140				
alpha-BHC	0.0287	0.00165	"	0.0333		86.1	40-140				
beta-BHC	0.0307	0.00165	"	0.0333		92.2	40-140				
delta-BHC	0.0206	0.00165	"	0.0333		61.9	40-140				
Dieldrin	0.0290	0.00165	"	0.0333		87.0	40-140				
Endosulfan I	0.0300	0.00165	"	0.0333		90.0	40-140				
Endosulfan II	0.0299	0.00165	"	0.0333		89.7	40-140				
Endosulfan sulfate	0.0264	0.00165	"	0.0333		79.2	40-140				
Endrin	0.0290	0.00165	"	0.0333		87.0	40-140				
Endrin aldehyde	0.0282	0.00165	"	0.0333		84.5	40-140				
Endrin ketone	0.0309	0.00165	"	0.0333		92.6	40-140				
gamma-BHC (Lindane)	0.0289	0.00165	"	0.0333		86.6	40-140				
Heptachlor	0.0285	0.00165	"	0.0333		85.4	40-140				
Heptachlor epoxide	0.0297	0.00165	"	0.0333		89.0	40-140				
Methoxychlor	0.0256	0.00165	"	0.0333		76.8	40-140				
Surrogate: Decachlorobiphenyl	0.0873		"	0.0667		131	30-150				
Surrogate: Tetrachloro-m-xylene	0.0562		"	0.0667		84.2	30-150				



Organochlorine Pesticides by GC/ECD - 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 BJ51736 - EPA SW846-3510C Low Level

Blank (BJ51736-BLK1)

Prepared: 10/27/2025 Analyzed: 10/28/2025

4,4'-DDD	ND	0.00400	ug/L								
4,4'-DDE	ND	0.00400	"								
4,4'-DDT	ND	0.00400	"								
Aldrin	ND	0.00400	"								
alpha-BHC	ND	0.00400	"								
alpha-Chlordane	ND	0.00400	"								
beta-BHC	ND	0.00400	"								
delta-BHC	ND	0.00400	"								
Dieldrin	ND	0.00200	"								
Endosulfan I	ND	0.00400	"								
Endosulfan II	ND	0.00400	"								
Endosulfan sulfate	ND	0.00400	"								
Endrin	ND	0.00400	"								
Endrin aldehyde	ND	0.0100	"								
Endrin ketone	ND	0.0100	"								
gamma-BHC (Lindane)	ND	0.00400	"								
gamma-Chlordane	ND	0.0100	"								
Heptachlor	ND	0.00400	"								
Heptachlor epoxide	ND	0.00400	"								
Methoxychlor	ND	0.00400	"								
Toxaphene	ND	0.100	"								
Chlordane, total	ND	0.200	"								
Surrogate: Decachlorobiphenyl	0.145		"	0.200		72.3	30-150				
Surrogate: Tetrachloro-m-xylene	0.0883		"	0.200		44.1	30-150				

LCS (BJ51736-BS1)

Prepared: 10/27/2025 Analyzed: 10/28/2025

4,4'-DDD	0.0718	0.00400	ug/L	0.100		71.8	40-140				
4,4'-DDE	0.0643	0.00400	"	0.100		64.3	40-140				
4,4'-DDT	0.0845	0.00400	"	0.100		84.5	40-140				
Aldrin	0.0418	0.00400	"	0.100		41.8	40-140				
alpha-BHC	0.0572	0.00400	"	0.100		57.2	40-140				
alpha-Chlordane	0.0588	0.00400	"	0.100		58.8	40-140				
beta-BHC	0.0709	0.00400	"	0.100		70.9	40-140				
delta-BHC	0.0590	0.00400	"	0.100		59.0	40-140				
Dieldrin	0.0713	0.00200	"	0.100		71.3	40-140				
Endosulfan I	0.0691	0.00400	"	0.100		69.1	40-140				
Endosulfan II	0.0782	0.00400	"	0.100		78.2	40-140				
Endosulfan sulfate	0.0708	0.00400	"	0.100		70.8	40-140				
Endrin	0.0785	0.00400	"	0.100		78.5	40-140				
Endrin aldehyde	0.0991	0.0100	"	0.100		99.1	40-140				
Endrin ketone	0.0891	0.0100	"	0.100		89.1	40-140				
gamma-BHC (Lindane)	0.0615	0.00400	"	0.100		61.5	40-140				
gamma-Chlordane	0.0616	0.0100	"	0.100		61.6	40-140				
Heptachlor	0.0567	0.00400	"	0.100		56.7	40-140				
Heptachlor epoxide	0.0687	0.00400	"	0.100		68.7	40-140				
Methoxychlor	0.0830	0.00400	"	0.100		83.0	40-140				
Surrogate: Decachlorobiphenyl	0.136		"	0.200		67.9	30-150				
Surrogate: Tetrachloro-m-xylene	0.0953		"	0.200		47.7	30-150				



Polychlorinated Biphenyls by GC/ECD - 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 BJ51623 - EPA 3546 PPCB

Blank (BJ51623-BLK1)

Prepared: 10/24/2025 Analyzed: 10/25/2025

Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	0.0462		"	0.0664		69.5	30-120				
Surrogate: Decachlorobiphenyl	0.0575		"	0.0664		86.5	30-120				

LCS (BJ51623-BS2)

Prepared: 10/24/2025 Analyzed: 10/25/2025

Aroclor 1016	0.285	0.0166	mg/kg wet	0.332		85.9	40-130				
Aroclor 1260	0.300	0.0166	"	0.332		90.3	40-130				
Surrogate: Tetrachloro-m-xylene	0.0392		"	0.0664		59.0	30-120				
Surrogate: Decachlorobiphenyl	0.0542		"	0.0664		81.5	30-120				

Matrix Spike (BJ51623-MS2)

*Source sample: 25J1519-08 (SB-2 Comp)

Prepared: 10/24/2025 Analyzed: 10/25/2025

Aroclor 1016	0.232	0.0177	mg/kg dry	0.354	ND	65.4	40-140				
Aroclor 1260	0.243	0.0177	"	0.354	ND	68.5	40-140				
Surrogate: Tetrachloro-m-xylene	0.0337		"	0.0709		47.5	30-120				
Surrogate: Decachlorobiphenyl	0.0422		"	0.0709		59.5	30-120				

Matrix Spike Dup (BJ51623-MSD2)

*Source sample: 25J1519-08 (SB-2 Comp)

Prepared: 10/24/2025 Analyzed: 10/25/2025

Aroclor 1016	0.258	0.0177	mg/kg dry	0.354	ND	72.9	40-140	10.7	50		
Aroclor 1260	0.280	0.0177	"	0.354	ND	78.9	40-140	14.1	50		
Surrogate: Tetrachloro-m-xylene	0.0362		"	0.0709		51.0	30-120				
Surrogate: Decachlorobiphenyl	0.0521		"	0.0709		73.5	30-120				



Polychlorinated Biphenyls by GC/ECD - 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 BJ51678 - EPA 3550C

Blank (BJ51678-BLK1)

Prepared: 10/26/2025 Analyzed: 10/27/2025

Aroclor 1016	ND	0.0167	mg/kg wet
Aroclor 1221	ND	0.0167	"
Aroclor 1232	ND	0.0167	"
Aroclor 1242	ND	0.0167	"
Aroclor 1248	ND	0.0167	"
Aroclor 1254	ND	0.0167	"
Aroclor 1260	ND	0.0167	"
Total PCBs	ND	0.0167	"

Surrogate: Tetrachloro-m-xylene	0.0567	"	0.0667	85.0	30-120
Surrogate: Decachlorobiphenyl	0.0707	"	0.0667	106	30-120

LCS (BJ51678-BS2)

Prepared: 10/26/2025 Analyzed: 10/27/2025

Aroclor 1016	0.341	0.0167	mg/kg wet	0.333	102	40-130
Aroclor 1260	0.375	0.0167	"	0.333	113	40-130
Surrogate: Tetrachloro-m-xylene	0.0597		"	0.0667	89.5	30-120
Surrogate: Decachlorobiphenyl	0.0867		"	0.0667	130	30-120

Batch BJ51735 - EPA SW846-3510C Low Level

Blank (BJ51735-BLK2)

Prepared: 10/27/2025 Analyzed: 10/28/2025

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

Surrogate: Tetrachloro-m-xylene	0.0900	"	0.200	45.0	30-120
Surrogate: Decachlorobiphenyl	0.180	"	0.200	90.0	30-120



Polychlorinated Biphenyls by GC/ECD - 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 BJ51735 - EPA SW846-3510C Low Level

LCS (BJ51735-BS2)

Prepared: 10/27/2025 Analyzed: 10/28/2025

Aroclor 1016	0.673	0.0500	ug/L	1.00		67.3	40-120				
Aroclor 1260	0.791	0.0500	"	1.00		79.1	40-120				
Surrogate: Tetrachloro-m-xylene	0.0730		"	0.200		36.5	30-120				
Surrogate: Decachlorobiphenyl	0.146		"	0.200		73.0	30-120				

LCS Dup (BJ51735-BSD2)

Prepared: 10/27/2025 Analyzed: 10/28/2025

Aroclor 1016	0.696	0.0500	ug/L	1.00		69.6	40-120		3.36	30	
Aroclor 1260	0.849	0.0500	"	1.00		84.9	40-120		7.02	30	
Surrogate: Tetrachloro-m-xylene	0.0720		"	0.200		36.0	30-120				
Surrogate: Decachlorobiphenyl	0.164		"	0.200		82.0	30-120				



Chlorinated Herbicides by GC/ECD - 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 BJ51680 - EPA 3550C/8151A

Blank (BJ51680-BLK1)

Prepared: 10/26/2025 Analyzed: 10/28/2025

2,4,5-T	ND	20.0	ug/kg wet								
2,4,5-TP (Silvex)	ND	20.0	"								
2,4-D	ND	20.0	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	525		"	417		126	21-150				

LCS (BJ51680-BS1)

Prepared: 10/26/2025 Analyzed: 10/28/2025

2,4,5-T	80.0	20.0	ug/kg wet	66.7		120	10-120				
2,4,5-TP (Silvex)	77.5	20.0	"	66.7		116	10-120				
2,4-D	83.3	20.0	"	66.7		125	10-118	High Bias			
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	517		"	417		124	21-150				

Matrix Spike (BJ51680-MS1)

*Source sample: 25J1519-08 (SB-2 Comp)

Prepared: 10/26/2025 Analyzed: 10/28/2025

2,4,5-T	79.1	21.3	ug/kg dry	71.1	ND	111	10-120				
2,4,5-TP (Silvex)	81.8	21.3	"	71.1	ND	115	10-120				
2,4-D	70.2	21.3	"	71.1	ND	98.8	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	534		"	445		120	21-150				

Matrix Spike Dup (BJ51680-MSD1)

*Source sample: 25J1519-08 (SB-2 Comp)

Prepared: 10/26/2025 Analyzed: 10/28/2025

2,4,5-T	85.4	21.3	ug/kg dry	71.1	ND	120	10-120	7.57	35		
2,4,5-TP (Silvex)	80.9	21.3	"	71.1	ND	114	10-120	1.09	35		
2,4-D	76.5	21.3	"	71.1	ND	108	10-118	8.48	35		
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	657		"	445		148	21-150				

Batch BJ51684 - EPA 8151A

Blank (BJ51684-BLK1)

Prepared: 10/26/2025 Analyzed: 10/27/2025

2,4,5-T	ND	5.00	ug/L								
2,4,5-TP (Silvex)	ND	5.00	"								
2,4-D	ND	5.00	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	138		"	125		111	30-150				



Chlorinated Herbicides by GC/ECD - 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 BJ51684 - EPA 8151A

LCS (BJ51684-BS1)

Prepared: 10/26/2025 Analyzed: 10/27/2025

2,4,5-T	26.2	5.00	ug/L	20.0		131	10-140				
2,4,5-TP (Silvex)	25.0	5.00	"	20.0		125	10-139				
2,4-D	22.5	5.00	"	20.0		112	10-140				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	135		"	125		108	30-150				

LCS Dup (BJ51684-BSD1)

Prepared: 10/26/2025 Analyzed: 10/27/2025

2,4,5-T	26.0	5.00	ug/L	20.0		130	10-140		0.957	30	
2,4,5-TP (Silvex)	26.2	5.00	"	20.0		131	10-139		4.88	30	
2,4-D	25.2	5.00	"	20.0		126	10-140		11.5	30	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	133		"	125		106	30-150				



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

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

Batch BJ51702 - EPA 3015A

Blank (BJ51702-BLK1)

Prepared & Analyzed: 10/27/2025

Aluminum	ND	0.556	mg/L
Antimony	ND	0.028	"
Arsenic	ND	0.017	"
Barium	ND	0.028	"
Beryllium	ND	0.0006	"
Cadmium	ND	0.003	"
Calcium	ND	0.556	"
Chromium	ND	0.006	"
Cobalt	ND	0.004	"
Copper	ND	0.022	"
Iron	ND	0.278	"
Lead	ND	0.007	"
Magnesium	ND	0.067	"
Manganese	ND	0.006	"
Nickel	ND	0.011	"
Potassium	ND	1.11	"
Selenium	ND	0.028	"
Silver	ND	0.007	"
Sodium	ND	1.11	"
Thallium	ND	0.028	"
Vanadium	ND	0.011	"
Zinc	ND	0.028	"

LCS (BJ51702-BS1)

Prepared & Analyzed: 10/27/2025

Aluminum	2.11	ug/mL	2.00	106	80-120
Antimony	0.279	"	0.250	111	80-120
Arsenic	2.01	"	2.00	101	80-120
Barium	2.22	"	2.00	111	80-120
Beryllium	0.053	"	0.0500	107	80-120
Cadmium	0.052	"	0.0500	103	80-120
Calcium	1.20	"	1.00	120	80-120
Chromium	0.219	"	0.200	110	80-120
Cobalt	0.555	"	0.500	111	80-120
Copper	0.273	"	0.250	109	80-120
Iron	1.05	"	1.00	105	80-120
Lead	0.523	"	0.500	105	80-120
Magnesium	1.11	"	1.00	111	80-120
Manganese	0.549	"	0.500	110	80-120
Nickel	0.559	"	0.500	112	80-120
Potassium	1.11	"	1.00	111	80-120
Selenium	1.94	"	2.00	97.1	80-120
Silver	0.054	"	0.0500	107	80-120
Sodium	1.26	"	1.00	126	80-120
Thallium	2.11	"	2.00	106	80-120
Vanadium	0.536	"	0.500	107	80-120
Zinc	0.532	"	0.500	106	80-120

High Bias



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

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

Batch BJ51764 - EPA 3050B

Blank (BJ51764-BLK1)

Prepared: 10/27/2025 Analyzed: 10/28/2025

Aluminum	ND	4.17	mg/kg wet
Antimony	ND	2.08	"
Arsenic	ND	1.25	"
Barium	ND	2.08	"
Beryllium	ND	0.042	"
Cadmium	ND	0.250	"
Calcium	ND	4.17	"
Chromium	ND	0.417	"
Cobalt	ND	0.333	"
Copper	ND	1.67	"
Iron	ND	20.8	"
Lead	ND	0.417	"
Magnesium	ND	4.17	"
Manganese	ND	0.417	"
Nickel	ND	0.830	"
Potassium	ND	4.17	"
Selenium	ND	2.08	"
Silver	ND	0.420	"
Sodium	ND	41.7	"
Thallium	ND	1.67	"
Vanadium	ND	0.830	"
Zinc	ND	2.08	"

Duplicate (BJ51764-DUP1)

*Source sample: 25J1519-08 (SB-2 Comp)

Prepared: 10/27/2025 Analyzed: 10/28/2025

Aluminum	23100	4.44	mg/kg dry	21800	5.45	35	
Antimony	ND	2.22	"	ND		35	
Arsenic	ND	1.33	"	ND		35	
Barium	232	2.22	"	226	2.33	35	
Beryllium	ND	0.045	"	ND		35	
Cadmium	0.276	0.267	"	0.267	3.28	35	
Calcium	2050	4.45	"	1770	14.7	35	
Chromium	39.6	0.445	"	38.2	3.84	35	
Cobalt	28.3	0.355	"	25.0	12.2	35	
Copper	90.5	1.78	"	46.2	64.8	35	Non-dir.
Iron	40600	22.2	"	39400	3.07	35	
Lead	6.34	0.445	"	4.91	25.5	35	
Magnesium	9030	4.45	"	8670	4.10	35	
Manganese	250	0.445	"	244	2.45	35	
Nickel	31.3	0.886	"	30.7	1.95	35	
Potassium	16200	4.45	"	15700	2.96	35	
Selenium	ND	2.22	"	ND		35	
Silver	ND	0.448	"	ND		35	
Sodium	152	44.5	"	144	5.63	35	
Thallium	ND	1.78	"	ND		35	
Vanadium	58.3	0.886	"	55.1	5.63	35	
Zinc	90.7	2.21	"	88.3	2.61	35	



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

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

Batch BJ51764 - EPA 3050B

Matrix Spike (BJ51764-MS1)		*Source sample: 25J1519-08 (SB-2 Comp)						Prepared: 10/27/2025 Analyzed: 10/28/2025			
Aluminum	24000	4.44	mg/kg dry	178	21800	NR	75-125	High Bias			
Antimony	2.86	2.22	"	22.2	ND	12.9	75-125	Low Bias			
Arsenic	189	1.33	"	178	ND	106	75-125				
Barium	439	2.22	"	178	226	119	75-125				
Beryllium	3.26	0.045	"	4.45	ND	73.2	75-125	Low Bias			
Cadmium	4.86	0.267	"	4.45	0.267	103	75-125				
Calcium	2010	4.45	"	88.9	1770	279	75-125	High Bias			
Chromium	60.9	0.445	"	17.8	38.2	128	75-125	High Bias			
Cobalt	71.2	0.355	"	44.5	25.0	104	75-125				
Copper	63.0	1.78	"	22.2	46.2	75.8	75-125				
Iron	40900	22.2	"	88.9	39400	NR	75-125	High Bias			
Lead	49.7	0.445	"	44.5	4.91	101	75-125				
Magnesium	9410	4.45	"	88.9	8670	833	75-125	High Bias			
Manganese	317	0.445	"	44.5	244	164	75-125	High Bias			
Nickel	76.0	0.886	"	44.5	30.7	102	75-125				
Potassium	17000	4.45	"	88.9	15700	NR	75-125	High Bias			
Selenium	179	2.22	"	178	ND	101	75-125				
Silver	5.39	0.448	"	4.45	ND	121	75-125				
Sodium	254	44.5	"	88.9	144	124	75-125				
Thallium	184	1.78	"	178	ND	104	75-125				
Vanadium	109	0.886	"	44.5	55.1	122	75-125				
Zinc	139	2.21	"	44.5	88.3	114	75-125				

Post Spike (BJ51764-PS1)		*Source sample: 25J1519-08 (SB-2 Comp)						Prepared: 10/27/2025 Analyzed: 10/28/2025			
Aluminum	241		ug/mL	2.00	246	NR	75-125	Low Bias			
Antimony	0.241		"	0.250	-0.012	96.4	75-125				
Arsenic	2.13		"	2.00	0.001	106	75-125				
Barium	4.52		"	2.00	2.55	98.9	75-125				
Beryllium	0.037		"	0.0500	-0.019	74.1	75-125	Low Bias			
Cadmium	0.053		"	0.0500	0.003	99.8	75-125				
Calcium	20.4		"	1.00	19.9	54.2	75-125	Low Bias			
Chromium	0.622		"	0.200	0.429	96.6	75-125				
Cobalt	0.793		"	0.500	0.281	102	75-125				
Copper	0.793		"	0.250	0.520	109	75-125				
Iron	427		"	1.00	443	NR	75-125	Low Bias			
Lead	0.558		"	0.500	0.055	101	75-125				
Magnesium	96.1		"	1.00	97.5	NR	75-125	Low Bias			
Manganese	3.14		"	0.500	2.74	79.5	75-125				
Nickel	0.858		"	0.500	0.345	103	75-125				
Potassium	173		"	1.00	176	NR	75-125	Low Bias			
Selenium	2.09		"	2.00	-0.009	104	75-125				
Silver	0.057		"	0.0500	0.002	109	75-125				
Sodium	2.64		"	1.00	1.62	102	75-125				
Thallium	2.02		"	2.00	-0.027	101	75-125				
Vanadium	1.13		"	0.500	0.619	102	75-125				
Zinc	1.45		"	0.500	0.994	91.6	75-125				



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

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

Batch BJ51764 - EPA 3050B

Reference (BJ51764-SRM1)

Prepared: 10/27/2025 Analyzed: 10/28/2025

Aluminum	7060	4.17	mg/kg wet	6840		103	53.2-146.2				
Antimony	75.4	2.08	"	131		57.5	4.5-195.4				
Arsenic	187	1.25	"	192		97.3	81.3-118.8				
Barium	223	2.08	"	219		102	81.7-118.3				
Beryllium	151	0.042	"	146		103	82.2-117.8				
Cadmium	111	0.250	"	114		97.1	81.7-118.4				
Calcium	3930	4.17	"	4080		96.2	82.4-117.6				
Chromium	153	0.417	"	153		99.7	81-119				
Cobalt	236	0.333	"	231		102	83.1-117.3				
Copper	94.8	1.67	"	91.2		104	83.1-117.3				
Iron	6610	20.8	"	7020		94.1	60.7-139.2				
Lead	136	0.417	"	141		96.2	81.6-118.4				
Magnesium	1900	4.17	"	1900		99.9	76.3-123.7				
Manganese	434	0.417	"	401		108	80.8-119				
Nickel	150	0.830	"	143		105	81.8-118.9				
Potassium	1800	4.17	"	1760		103	72.2-127.8				
Selenium	92.0	2.08	"	94.7		97.2	78.5-121.4				
Silver	68.2	0.420	"	77.0		88.5	79.4-120.6				
Sodium	656	41.7	"	661		99.3	73.7-126.2				
Thallium	181	1.67	"	183		99.0	80.3-119.7				
Vanadium	155	0.830	"	159		97.5	78.6-122				
Zinc	284	2.08	"	292		97.2	79.4-120.2				



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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ51723 - EPA 7473 soil											
Blank (BJ51723-BLK1)											
Prepared & Analyzed: 10/27/2025											
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BJ51723-DUP1)											
*Source sample: 25J1519-08 (SB-2 Comp) Prepared & Analyzed: 10/27/2025											
Mercury	ND	0.0320	mg/kg dry		ND					35	
Matrix Spike (BJ51723-MS1)											
*Source sample: 25J1519-08 (SB-2 Comp) Prepared & Analyzed: 10/27/2025											
Mercury	0.903		mg/kg	1.00	0.00	90.3	75-125				
Reference (BJ51723-SRM1)											
Prepared & Analyzed: 10/27/2025											
Mercury	22.824		mg/kg	24.0		95.1	55.8-109.6				
Batch BJ51800 - EPA SW846-7470A											
Blank (BJ51800-BLK1)											
Prepared & Analyzed: 10/28/2025											
Mercury	ND	0.0002	mg/L								
Blank (BJ51800-BLK2)											
Prepared & Analyzed: 10/28/2025											
Mercury	ND	0.0002	mg/L								
LCS (BJ51800-BS1)											
Prepared & Analyzed: 10/28/2025											
Mercury	0.0019581	0.0002	mg/L	0.00200		97.9	80-120				
LCS (BJ51800-BS2)											
Prepared & Analyzed: 10/28/2025											
Mercury	0.0019096	0.0002	mg/L	0.00200		95.5	80-120				



Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BJ51645 - % Solids Prep

Duplicate (BJ51645-DUP1)			*Source sample: 25J1519-15 (SB-4 2"-12")			Prepared & Analyzed: 10/24/2025		
% Solids	88.4	0.100	%	88.9		0.627	20	

Batch BJ51653 - % Solids Prep

Duplicate (BJ51653-DUP1)			*Source sample: 25J1519-19 (SB-5 12"-24")			Prepared & Analyzed: 10/24/2025		
% Solids	89.6	0.100	%	90.4		0.858	20	

Batch BJ51714 - % Solids Prep

Duplicate (BJ51714-DUP1)	*Source sample: 25J1519-08 (SB-2 Comp)					Prepared & Analyzed: 10/27/2025	
% Solids	94.5	0.100	%	93.7		0.816	20



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
25J1519-13	Rinsate	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
25J1519-21	Trip Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C



Sample and Data Qualifiers Relating to This Work Order

S-HI	Surrogate recovery is above acceptance limits. No target compound is detected in sample.
S-GC	Two surrogates are used for this analysis. One surrogate recovered within control limits therefore the analysis is acceptable.
S-08	The recovery of this surrogate was outside of QC limits.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
M-BS	The recovery for this element in the batch blank spike recovered slightly outside of control limits
m	This parameter is outside laboratory ms/msd specified recovery limits.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
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.

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.



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ALS Project Number

2501519

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Report To:		Invoice To:		YOUR Project Name / Number		Samples Collected From		Turn-Around Time																										
Company: Terracon	Company:	HPN Env Management		JAZS7006		NY	CT	Other: (please specify)																										
Address: 70 Vantage Point dr Rochester NY 14624	Address:	PO Number		Analyses Requested		NJ	PA	RUSH - Next Day																										
Phone: 716 803 4809	Phone:	Preservative (please list number of containers)		Grab or Comp.				RUSH - Two Day																										
Contact: Hayley Martinez	Contact:			G/C				RUSH - Three Day																										
E-mail: Hayley.Martinez@terracon.com	E-mail:							RUSH - Four Day																										
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 ALS are resolved.		Matrix Codes						RUSH - Five Day																										
		S - soil/solid/sludge						Standard (6-9 Day)																										
		GW - groundwater						PFAS Standard 7-10 Day																										
		DW - drinking water						Report Type (circle)																										
		SW - surface water						QA Report																										
		WW - wastewater						Summary (Results Only)																										
		O - Oil Other						NY ASP B Package																										
Samples Collected by: (print AND sign your name)								NJ Reduced																										
								NJ DKQP																										
								NJ Full																										
								CT RCP																										
Sample Identification		Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO ₃ (nitric acid)	H ₂ SO ₄ (sulfuric acid)	NaOH (sodium hydroxide)	Na ₂ S ₂ O ₃ (sodium thio.)	Trizma	Ammonium Acetate	Other:	PFA's	VOC	SVOC	TAL Metals	PCBs	Pesticides	Herbicides	Isotopic Analysis	G/C	EDD Type (circle)										
SB-1 0"-2"	10/23	0040	S	X											X									G	EquiS (standard)									
SB-1 2"-12"	10/23	0040	S	X											X									G	NYSDEC EquiS									
SB-1 12"-24"	10/23	0040	S	X											X									G	NJDEP SRP Haz Site									
SB-1 Comp	10/23	0100	S	X	X										X	X	X	X	X	X	X			C	Standard Excel									
SB-1 Comp (Hold)	10/23	0100	S	X											X									G	CMDP									
SB-2 0"-2"	10/23	0150	S	X											X									G	Other:									
SB-2 2"-12"	10/23	0150	S	X											X									G	Regulatory Comparative									
SB-2 12"-24"	10/23	0150	S	X											X	X	X	X	X	X				C	Compared to the following Regulation(s): (please fill in)									
SB-2 Comp	10/23	0200	S	X	X										X	X	X	X	X	X				G										
SB-2 Comp (Hold)	10/23	0200	S	X											X									G										
SB-3 0"-2"	10/23	0225	S	X											X																			
SB-3 2"-12"	10/23	0225	S	X											X																			
SB-3 12"-24"	10/23	0225	S	X											X																			
Dupe (PFAS)	10/23		S	X											X										Field Filtered									
Rinse	10/23		W	X											X	X	X	X	X	X					Lab Filtered									
Comments:					Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N																													
					Custody Seals: Y / N Containers Intact: Y / N COC/Labels Agree: Y / N Preservation Confirmed: Y / N																													
					COC Complete: Y / N COC Received: Y / N Appropriate Sample Volumes: Y / N Appropriate Sample Containers: Y / N																													
					Cooler Temperature Confirmed: Y / N Samples Submitted within Holding Times: Y / N Corrective Action Form Required: Y / N																													
Samples Iced/chilled at time of lab pickup? circle Yes or No																																		
1. Samples Relinquished by / Company					Date/Time					1. Samples Received by / Company					Date/Time					2. Samples Relinquished by / Company					Date/Time									
10/23/25 11:00										10-23-25										10-23-25 14:30														
2. Samples Received by / Company					Date/Time					3. Samples Relinquished by / Company					Date/Time					3. Samples Received by / Company					Date/Time									
4. Samples Relinquished by / Company					Date/Time					4. Samples Received by / Company					Date/Time					Samples Received in LAB by					Date/Time					Temperature				
																				10-23-25 14:30					4.9 Degrees C									



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Report To:		Invoice To:		YOUR Project Name / Number		Samples Collected From		Turn-Around Time																				
Company: <u>Terracon</u>	Company:	Address: <u>70 Vantage Point Dr Rochester NY 14624</u>		<u>HPN Env Management</u> <u>JA257006</u>		NY ☒	CT ☐	Other: (please specify)	RUSH - Next Day																			
Phone: <u>716-803-4809</u>	Phone:	Contact: <u>Hayley Martinez</u>		PO Number		NJ ☐	PA ☐		RUSH - Two Day																			
E-mail: <u>Hayley.Martinez@terracon.com</u>	E-mail:			Preservative (please list number of containers)		Analyses Requested			RUSH - Three Day																			
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 ALS are resolved.		Matrix Codes S - soil/solid/sludge GW - groundwater DW - drinking water SW - surface water WW - wastewater O - Oil Other		Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO ₃ (nitric acid)	H ₂ SO ₄ (sulfuric acid)	NaOH (sodium hydroxide)	Na ₂ S ₂ O ₃ (sodium thio.)	Trizma	Ammonium Acetate	Other:	PFAS	VOCs	SVOCs	TAL Metals	PCBs	Pesticides	Herbicides	Grab or Comp.	G/C	Report Type (circle)					
																							QA Report					
Samples Collected by: (print AND sign your name)																						Summary (Results Only)						
Sample Identification		Date	Time	Matrix																			NJ ASP B Package					
SB-4 0"-2"		10/23	0300	S	X										X									NJ Reduced				
SB-4 2"-12"		10/23	0300	S	X										X										NJ DKQP			
SB-4 12"-24"		10/23	0300	S	X										X										NJ Full			
~~SB-4 Comp~~		~~10/23~~	~~0300~~	~~S~~	~~X~~										~~X~~										CT RCP			
~~SB-4 Comp (HOLD)~~		~~10/23~~	~~0300~~	~~S~~	~~X~~										~~X~~											Report Type (circle)		
MS - SB-4 12"-24"		10/23	0300	S	X										X										QA Report			
MSD - SB-4 12"-24"		10/23	0300	S	X										X										Summary (Results Only)			
SB-5 0"-12"		10/23	0325	S	X										X										NJ ASP B Package			
SB-5 2"-12"		10/23	0325	S	X										X										NJ Reduced			
SB-5 12"-24"		10/23	0325	S	X										X										NJ DKQP			
DUPE-2 (comp)		10/23	0400	S	X											X	X	X	X	X	X				NJ Full			
MS - SB-2		10/23	0400	S	X											X	X	X	X	X	X				CT RCP			
MSD - SB-2		10/23	0400	S	X											X	X	X	X	X	X				Report Type (circle)			
Field Blank PFAS					X										X										EQulS (standard)			
Field Blank Comp					X										X	X	X	X	X	X					NYSDEC EQulS			
																									NJDEP SRP Haz Site			
																									Standard Excel			
																									CMDP			
																									Other:			
																									Regulatory Comparative			
																									Compared to the following			
																									Regulation(s): (please fill in)			
																									Field Filtered			
																									Lab Filtered			
Comments:		Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N																										
		Custody Seals: Y / ☒ Containers Intact: Y / ☒ COC/Labels Agree: Y / ☒ Preservation Confirmed: Y / ☒																										
		COC Complete: Y / ☒ COC Received: Y / ☒ Appropriate Sample Volumes: Y / ☒ Appropriate Sample Containers: Y / ☒																										
		Cooler Temperature Confirmed: Y / ☒ Samples Submitted within Holding Times: Y / ☒ Corrective Action Form Required: Y / ☒																										
1. Samples Relinquished by / Company		Date/Time	1. Samples Received by / Company		Date/Time	2. Samples Relinquished by / Company		Date/Time	2. Samples Received by / Company		Date/Time	3. Samples Relinquished by / Company		Date/Time	3. Samples Received by / Company		Date/Time	4. Samples Relinquished by / Company		Date/Time	4. Samples Received by / Company		Date/Time	Samples Received in LAB by		Date/Time	Temperature	
<u>Matthew J...</u>		<u>10/23/25 11:00</u>	<u>[Signature]</u>		<u>10-23-25</u>	<u>[Signature]</u>		<u>10-23-25 14:30</u>	<u>[Signature]</u>		<u>10-23-25 14:30</u>	<u>[Signature]</u>		<u>10-23-25 14:30</u>	<u>[Signature]</u>		<u>10-23-25 14:30</u>	<u>[Signature]</u>		<u>10-23-25 14:30</u>	<u>[Signature]</u>		<u>10-23-25 14:30</u>	<u>[Signature]</u>		<u>10-23-25 14:30</u>	<u>4.8</u> Degrees C	



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ALS Project Number 2531519		Page of	
Report To: Company: Terracon Address: 70 Vantage Point Dr Rochester NY 14624 Phone: 716 803 4809 Contact: Hayley Martinez E-mail: Hayley.Martinez@terracon.com		Invoice To: Company: Address: Phone: Contact: E-mail:	
YOUR Project Name / Number HPN Env Management JAZS7006		Samples Collected From NY ☒ CT ☐ NJ ☐ PA ☐	
PO Number JAZS7006		Analyses Requested ☐ VOC ☐ PCBs ☐ Pesticides ☐ Herbicides ☐ Total Metals ☐ SVOC ☐ GIC	
Matrix Codes S - soil/solid/sludge GW - groundwater DW - drinking water SW - surface water WW - wastewater O - Oil Other:		Preservative (please list number of containers) HCl (hydrochloric acid) ☐ MeOH (methanol) ☐ HNO ₃ (nitric acid) ☐ H ₂ SO ₄ (sulfuric acid) ☐ NaOH (sodium hydroxide) ☐ Na ₂ S ₂ O ₃ (sodium thio) ☐ Trizma ☐ Ammonium Acetate ☐ Other:	
Samples Collected by: (print AND sign your name) Sample Identification SB-1 0"-2" SB-1 2"-12" SB-1 12"-24" SB-1 COMP SB-1 COMP (Hold) SB-2 0"-2" SB-2 2"-12" SB-2 12"-24" SB-2 17"-24" SB-2 COMP SB-2 COMP (Hold) SB-3 0"-2" SB-3 2"-12" SB-3 12"-24" DUPC (PFAS) Ringside		Date 10/23 10/23 10/23 10/23 10/23 10/23 10/23 10/23 10/23 10/23 10/23 10/23 10/23 10/23 10/23 10/23 10/23 10/23	
Time 0040 0040 0040 0100 0100 0150 0150 0150 0200 0200 0200 0225 0225 0225 0225 0225 0225 0225		Matrix S S S S S S S S S S S S S S S S S	
Turn-Around Time RUSH - Next Day RUSH - Two Day RUSH - Three Day RUSH - Four Day RUSH - Five Day Standard (6-9 Day) PFAS Standard 7-10 Day		Report Type (circle) QA Report Summary (Results Only) NY ASP B Package NJ Reduced NJ DKQP NJ Full CT RCP	
Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N Custody Seals: Y / N Containers Intact: Y / N COC Labels Agree: Y / N Preservation Confirmed: Y / N COC Complete: Y / N COC Received: Y / N Appropriate Sample Volumes: Y / N Appropriate Sample Containers: Y / N Cooler Temperature Confirmed: Y / N Samples Submitted within Holding Times: Y / N Corrective Action Form Required: Y / N		Field Filtered Lab Filtered	
Comments: 1. Samples Relinquished by / Company 2. Samples Relinquished by / Company 3. Samples Received by / Company 4. Samples Relinquished by / Company		Date/Time 10/23/25 11:00 10/23/25 14:30 10/23/25 14:30 10/23/25 14:30	



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Report To:		Invoice To:		YOUR Project Name / Number		Samples Collected From		Turn-Around Time							
Company:	Terracon	Company:		NY	CT	PA	Other: (please specify)	RUSH - Next Day							
Address:	70 Vantage Point Dr Rockaway NY 11624	Address:		NJ				RUSH - Two Day							
Phone:	716-803-1809	Phone:						RUSH - Three Day							
Contact:	Hayley Martinez	Contact:						RUSH - Four Day							
E-mail:	hayley.martinez@terracon.com	E-mail:						RUSH - Five Day							
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 ALS are resolved.		Matrix Codes		Preservative (please list number of containers)		Analyses Requested		Report Type (circle)							
Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO ₃ (nitric acid)	H ₂ SO ₄ (sulfuric acid)	NaOH (sodium hydroxide)	Na ₂ S ₂ O ₃ (sodium thio)	Trizma	Ammonium Acetate	Other:	QA Report	
SB-4 0'-2"	10/23	0300	S	X										Summary (Results Only)	
SB-4 2'-12"	10/23	0300	S	X										NY ASP B Package	
SB-4 12'-24"	10/23	0300	S	X										NJ Reduced	
SB-4 Comp (Hole)	10/23	0300	S	X										NJ DKQP	
MS - SB-4 12'-24"	10/23	0300	S	X										NJ Full	
MSD - SB-4 12'-24"	10/23	0300	S	X										CT RCP	
SB-5 0'-12"	10/23	0325	S	X										EDD Type (circle)	
SB-5 2'-12"	10/23	0325	S	X										EQUIS (standard)	
SB-5 12'-24"	10/23	0325	S	X										NYSDEC EQUIS	
DJOC-2 (Comp)	10/23	0400	S	X										NJDEP SRP Haz Site	
MS - SB-2	10/23	0400	S	X										Standard Excel	
MSD - SB-2	10/23	0400	S	X										CMDP	
Field Blank 1615				X										Other:	
Field Blank 1615				X										Regulatory Comparative	
Comments:															
Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N															
Custody Seals: Y / N Containers Intact: Y / N COC/Labels Agree: Y / N Preservation Confirmed: Y / N															
COC Complete: Y / N COC Received: Y / N Appropriate Sample Volumes: Y / N Appropriate Sample Containers: Y / N															
Cooler Temperature Confirmed: Y / N Samples Submitted within Holding Times: Y / N Corrective Action Form Required: Y / N															
Samples Relinquished by / Company		Date/Time		Samples Relinquished by / Company		Date/Time		Samples Relinquished by / Company		Date/Time		Samples Relinquished by / Company		Date/Time	
Mach...		10/23/25 11:00		Mach...		10/23/25 14:30		Mach...		10/23/25 14:30		Mach...		10/23/25 14:30	
Samples Relinquished by / Company		Date/Time		Samples Relinquished by / Company		Date/Time		Samples Relinquished by / Company		Date/Time		Samples Relinquished by / Company		Date/Time	
Mach...		10/23/25 11:00		Mach...		10/23/25 14:30		Mach...		10/23/25 14:30		Mach...		10/23/25 14:30	
Samples Relinquished by / Company		Date/Time		Samples Relinquished by / Company		Date/Time		Samples Relinquished by / Company		Date/Time		Samples Relinquished by / Company		Date/Time	
Mach...		10/23/25 11:00		Mach...		10/23/25 14:30		Mach...		10/23/25 14:30		Mach...		10/23/25 14:30	