

August 21, 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 – August 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 August 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. Spent granular activated carbon (GAC) was removed/replaced on August 11, 2025. The treatment portion of the IRM system was off-line August 11-12,

2025; the sump pump continued to operate while the GAC change-out was completed. The treatment portion of the system was reactivated on August 13, 2025.

- c. Treatment system sampling, now on a twice-per-month frequency, was performed on July 21, 2025 and August 14, 2025. Refer to the Outfall OF-7 Treatment System Process Schematic in **Appendix B** displaying treatment system sample locations/labeling.
- d. As of the date of this report, approximately 815,000 gallons of combined stormwater/groundwater have been pumped from the sump in Outfall OF-7 and processed by the on-site treatment system.
- e. A summary table of results through the July 21, 2025 treatment system sampling is presented in Table 1, **Appendix C**. Current period laboratory analytical reports can be found in **Appendix E**.
- f. 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 June/July 2025 SPDES-related parameters are also included in **Appendix E**.
- g. Surface water samples were obtained on July 21, 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. A summary of the PFOA/PFOS results 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**.

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. Samples results from the two proposed soil borings in the work area were received on 7/24/25. Results are summarized in Table 3, **Appendix D**. Analytical results can be found in **Appendix F**.

- iii. Excavation activities for the concrete pad construction and HVAC system installation began on 8/18/25.
 - iv. Results of soil sample testing will be shared when available, with a further project summary to be provided in the September update report.
- b. Runway 16/34 Shoulders and Edge Lighting Rehabilitation (Runway Shoulders Project)
 - i. An IRM work plan for pre-construction site characterization was provided on July 16, 2025 for NYSDEC review. NYSDEC provided comments on the IRM WP on 8/14/25. Terracon anticipates addressing and re-submitting the Work Plan by 8/30/2025.
 - ii. 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.
- c. Snow Removal Equipment Building at Building 10 (SRE Building)
 - i. Construction is anticipated in May 2026.
 - ii. An IRM work plan for pre-construction site characterization is in process and anticipated to be provided in September 2025 for NYSDEC review.
- d. Domestic Fire Line System Upgrades, the Taxiway "L" Rehabilitation Phase II, Detention Basin A & B Improvements.
 - i. Construction is anticipated to start in March 2026.
 - ii. Terracon is evaluating the scope of future pre-construction site characterization. An update on this capital project will be provided in the upcoming Monthly Report.
- e. Infrastructure Improvements for New Gas Main Extension.
 - i. Construction is anticipated to start in April 2026.
 - ii. Terracon is evaluating the scope of future pre-construction site characterization. An update on this capital project will be provided in the upcoming Monthly Report.

4.) Building 10 / Burn Pit Area

- a. An evaluation of previous investigations and findings related to the Burn Pit and nearby Building 10 is underway. Recommendations for further remedial investigations will be provided in an upcoming work plan for this area of concern at the site, anticipated within 30 days.

5.) Outfall OF-4

- a. An evaluation of previous investigations and findings related to Outfall OF-4 is underway. Recommendations for further remedial investigations and/or for interim remedial measures will be provided in an upcoming work plan. An update of the status of Outfall OF-4 will be provided in subsequent Monthly Reports.

6.) Other

- a. NYSDEC inquired about a potentially active SVE system associated with Hangar E chlorinated spill, as well as a cap on the landfill/balefill. The FOIL request submitted in May 2025 revealed that the spill was closed on 6/2/2014, but did not meet standards. The FOIL is still being reviewed, and Terracon is working with HPN Airport and Arcadis personnel for further clarification/status.

Modifications 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. **Appendix D** lists all analytical reports for the Outfall OF-7 IRM; **Appendix F** lists analytical reports for the HVAC Upgrades.

1. Outfall OF-7 IRM

- a. A summary table of results through the July 21, 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 June/July 2025 SPDES-related parameters are also included in **Appendix C**.
- c. A summary of the PFOA/PFOS results from surface water sampling performed on July 21, 2025 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 two soil borings are reported in Table 3, **Appendix D**.

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

There was no fieldwork requiring air monitoring performed since the previous Monthly Report was submitted, therefore no CAMP requirements or samples collected.

Planned Activities for Next Month

1. OF-7 IRM: Continued Operation, Maintenance, Monitoring and Sampling of the OF-7 IRM Treatment System.
2. HVAC Work Plan: concrete pad installation in August.
3. Submittal of IRM work plans for:
 - a. SRE Building Capital Improvement Project
4. 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.

Citizen Participation Tasks

HPN held a meeting with the Coalition to Prevent Westchester Airport Expansion on 7/24/25. HPN personnel proposed to hold the meeting biannually instead of quarterly, and all agreed. The next meeting is slated for January 2026.

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

Sincerely,

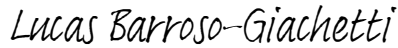
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April Gasparri, Westchester County
Brian Hegt, Westchester County
Francisco Tejada, Westchester County Airport
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K. Thompson, NYSDEC
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Appendix A

Remedial Work Schedule

Remedial Action Schedule

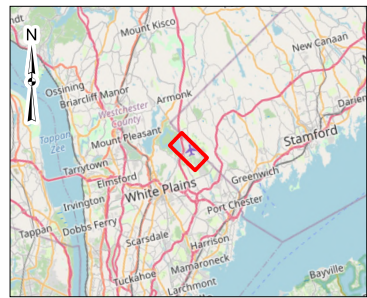
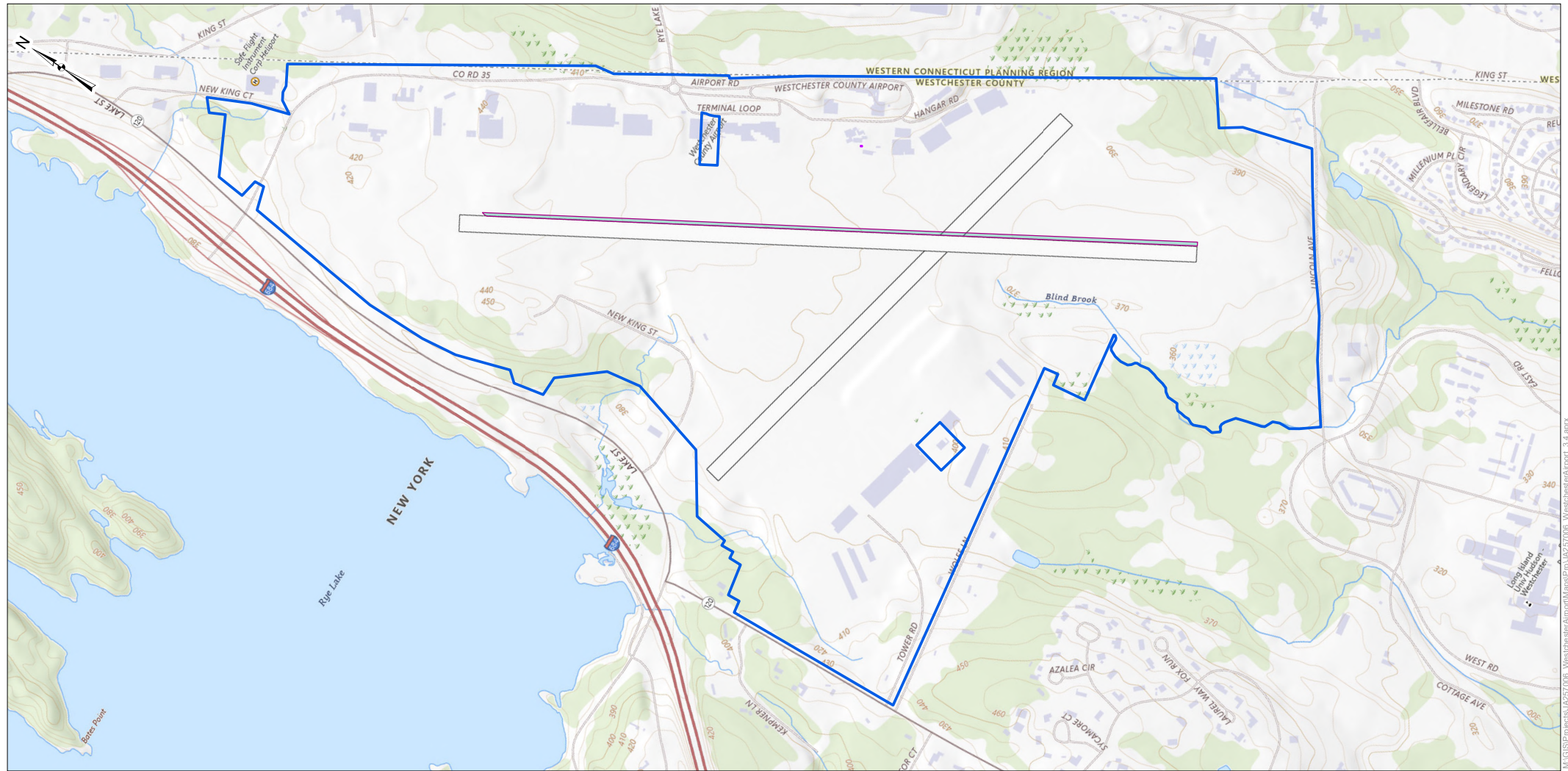
Milestone / Deliverable	Anticipated Due Date	Submitted	Returned
1 - DRAFT Interim Site Management Plan	3/17/2025	3/19/25	5/13/25
Address Comments and Resubmit	6/1/2025	6/13/25	
Conditional Approval	6/25/25		
2 - DRAFT IRM WP Update for Outfall OF-7		3/25/25	4/10/25
Address comments and Re-submit	4/25/25	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	
HVAC Construction	8/18/25		
3b - DRAFT IRM WP for Runway Shoulder Widening	7/16/25	8/14/25	
Soil Investigation	Late September 2025		
Runway Construction	April 2026		
3c - DRAFT IRM WP for SRE Building	November 2025		
Soil Investigation	TBD		
SRE Construction	Spring 2026		
3d - DRAFT IRM WP for Electrical Service installation	TBD		
Soil Investigation	TBD		
HVAC Construction	TBD		
3e - DRAFT Stormwater Prevention Plan (SWPP)	From 3 rd party 7/18/25	NLT 8/1/25	



Milestone / Deliverable	Anticipated Due Date	Submitted	Returned
3f – Natural gas line installation IRM WP	TBD		
Natural gas line construction	EST Q2 2026		
4 – DRAFT Building 10/Burn Pit Area IRM WP	TBD		
5 – DRAFT Outfall OF-4 IRM WP	TBD		
6 – WJWW Sewer Line on Site property IRM WP	TBD		
Sewer line construction	EST Q2 2026		

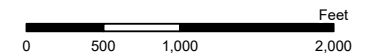
Appendix B

Figures



Legend
 BCP Site Boundary

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



Project No.:
 JA257006
 Date:
 Apr 2025
 Drawn By:
 RS
 Reviewed By:

10841 S Ridgeview Rd
 Olathe, KS
 PH. 913-599-6886 terracon.com

Topographic Map

Westchester County Airport
 West Harrison, New York

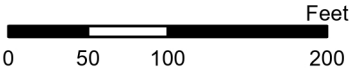
Exhibit

1



- 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

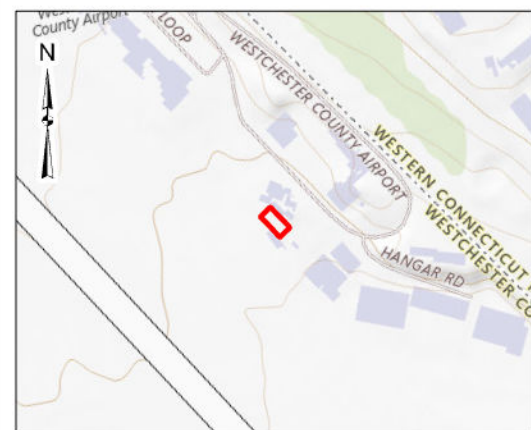
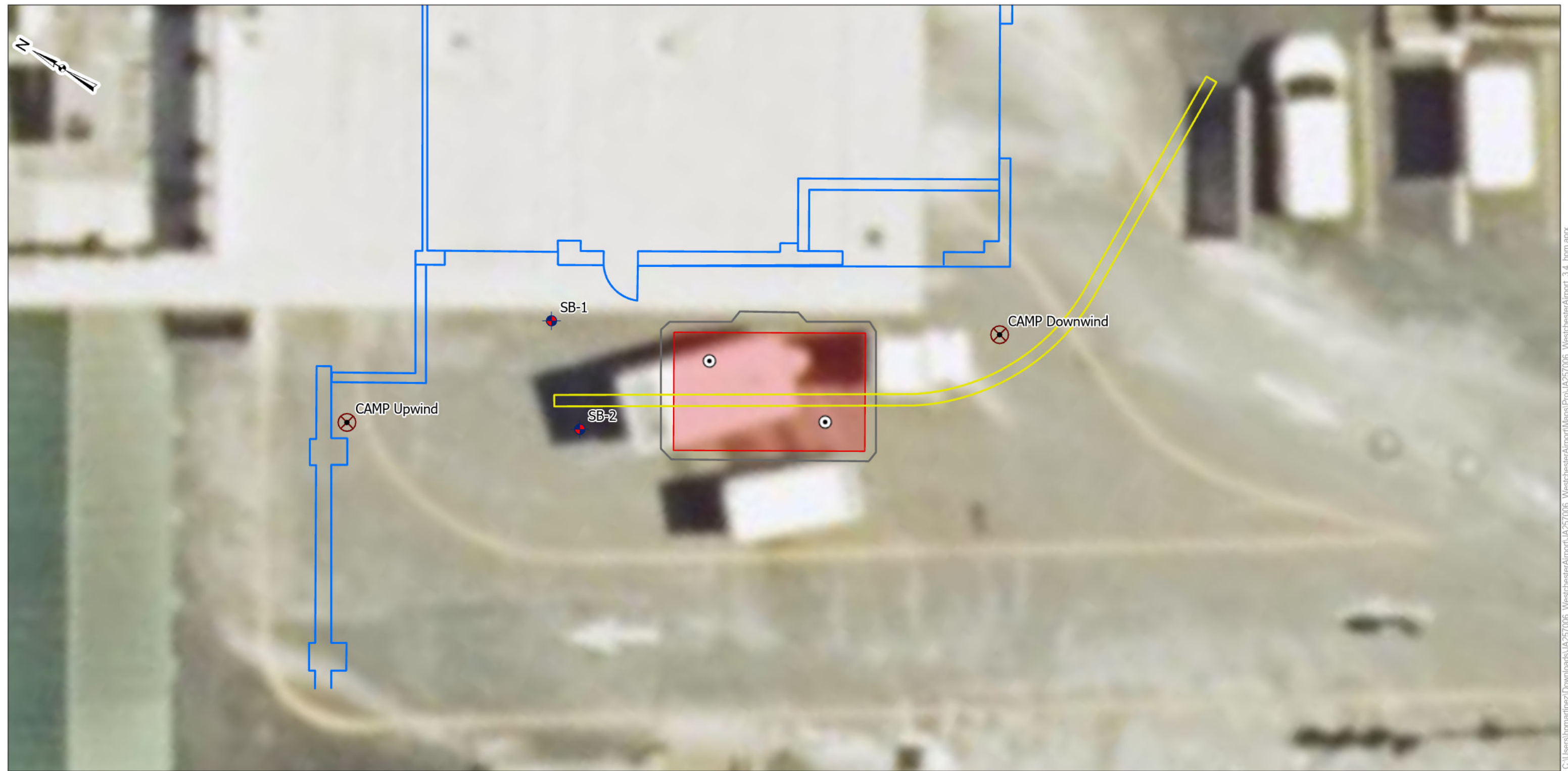


Project No.:
JA257006
Date:
Aug 2025
Drawn By:
HPM
Reviewed By:

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70 Vantage Point Dr, Ste 1
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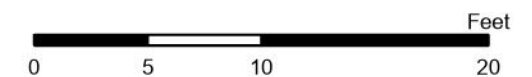
Outfall-7 (OF-7) Site Diagram
Westchester County Airport West Harrison, New York

Exhibit
3



- Legend**
- Proposed Soil Borings
 - AHU Unit
 - Structure
 - Mechanical Equipment Foundation
 - Buried Electrical Conduit
 - Soil Boring
 - Air Monitor

DATA SOURCES:
ESRI Basemaps
Westchester County GeoHub



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

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**HVAC Upgrades Work Area – Soil Borings
and Air Monitoring Stations**

Westchester County Airport
West Harrison, New York

Exhibit

4

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

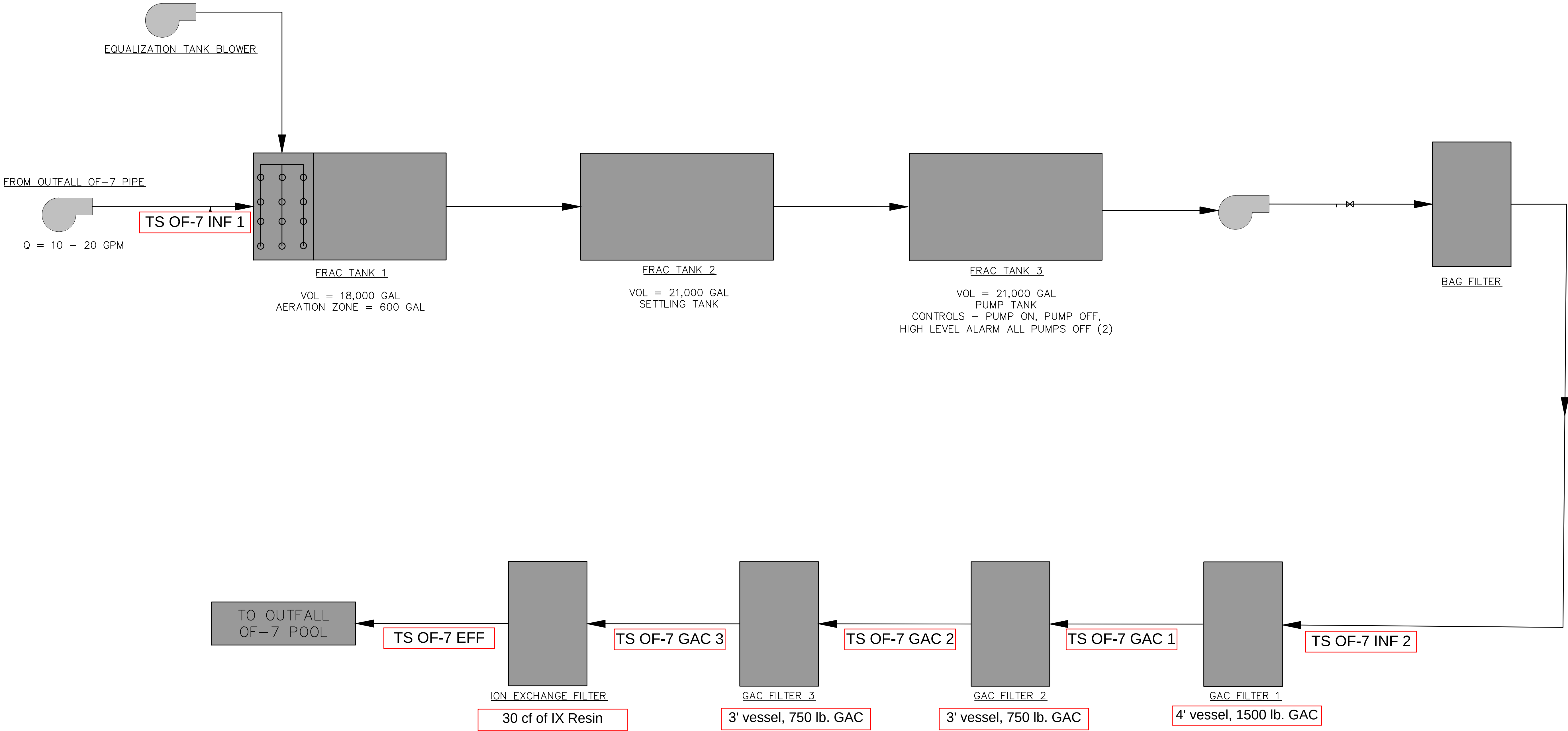


Exhibit 5

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 72205 PH: (501) 221-7122 FX: (501) 221-7775			
DESIGNED BY:	DATE: MAR. 11, 2025	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
August 21, 2025

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	1-4 dioxane	Comments, other compound detections (values in parts per billion (ppb) unless noted)
TS OF-7 INF 1	6/2/2025	395	2,430	5,664	ND < 300	1.75 ppb acetone, 2.13 ppb 1,2 -DCA, 1.26 ppb cis-1,2 DCE
	6/16/2025	449	2840	6,376	ND < 300	0.910 ppb cis-1,2 DCE, 0.740 ppb toluene
	6/24/2025	681	3760	7,606	ND < 300	0.600 ppb cis 1,2 DCE
	7/10/2025	309	1470	3,527	NA	0.670 ppn 2-butanone, 3.34 ppb acetone, 1.00 cis-1,2 DCE
	7/21/2025	524	3500	7,227	ND < 300	8.05 ppb acetone, 5.54 ppb chloroform, 0.510 cis-1,2 DCE
TS OF-7 INF 2	5/22/2025	438	2220	5,185	ND < 300	cis 1,2 DCE 0.79 ppb
	6/2/2025	428	2640	5,884	ND < 300	1.39 ppb acetone, 0.58 ppb cis-1,2 DCE
	6/16/2025	341	2640	5,476	NA	1.40 ppb acetone
	6/24/2025	556	2570	5,724	NA	
	7/10/2025	564	1680	4,379	NA	0.480 ppb MIBK; 2.19 ppb acetone; 1.34 ppb xylenes
	7/21/2025	524	2570	6,229	NA	9.55 ppb acetone, 2.20 ppb chloroform
TS OF-7 GAC1	5/22/2025	ND < 0.438	ND < 0.855	ND	ND < 300	PFAS & SVOC = ND; 13.8 ppb acetone, 4.09 ppb 2-butanone
	6/2/2025	ND < 0.396	1.31	6.80	ND < 300	VOC & SVOC = ND
	6/16/2025	0.472	1.09	42.6	NA	VOC = ND
	6/24/2025	7.48	10.9	110.0	NA	VOC = ND
	7/10/2025	83.2	245	892	NA	1.41 ppb acetone
	7/21/2025	NS	NS	NS	NS	offline
TS OF-7 GAC2	5/22/2025	ND < 0.440	ND < 0.859	ND	ND < 300	PFAS, VOC = ND; 0.156 ppb naphthalene
	6/2/2025	ND < 0.387	1.89	1.89	ND < 300	0.65 ppb 2-butanone, 3.66 ppb acetone; SVOC = ND
	6/16/2025	ND < 0.421	ND < 0.821	ND	NA	PFAS, VOC = ND
	6/24/2025	ND < 0.433	ND < 0.846	ND	NA	VOC = ND
	7/10/2025	4.83	1.75	102	NA	VOC = ND
	7/21/2025	269	1280	3,207	NA	6.70 ppb chloroform, 2.26 ppn chloroform
TS OF-7 GAC3	5/22/2025	ND < 0.429	ND < 0.838	ND	ND < 300	PFAS = ND; 4.88 ppb acetone, 0.08 ppb naphthalene
	6/2/2025	ND < 0.398	ND < 0.776	ND	ND < 300	PFAS, VOC, SVOC = ND
	6/16/2025	N/A	N/A	N/A	N/A	PFAS, VOC = ND
	6/24/2025	ND < 0.423	ND < 0.826	ND	NA	VOC = ND
	7/10/2025	N/A	N/A	N/A	N/A	
	7/21/2025	ND < 0.765	1.51	4.06	NS	1.87 ppb chloroform
TS OF-7 EFF	5/22/2025	ND < 0.393	2.09	2.35	ND < 300	1020 ppb 1,2 DCA; 6.48 ppb VC; low-level chloroform/acetone
	6/2/2025	ND < 0.403	0.969	1.32	ND < 300	151 ppb 1,2-DCA, 1.15 ppb VC; SVOC = ND
	6/16/2025	N/A	N/A	N/A	N/A	PFAS, VOC = ND
	6/24/2025	ND < 0.417	ND < 0.815	ND	ND < 300	
	7/10/2025	ND < 0.725	ND < 0.698	2.41	ND < 300	19.6 ppb 1,2 DCA, SVOC = ND
	7/21/2025	ND < 0.765	1.42	2.76	ND < 300	2.32 ppb 1,2 DCA, 6.89 ppb acetone, 2.01 chloroform
Trip Blank	5/22/2025	ND < 0.389	ND < 0.760	ND	ND < 300	1.67 ppb acetone, 0.9 ppb chloromethane, 10.1 methylene chloride, 1.42 trichlorfluoromethane
	6/2/2025	ND < 0.382	ND < 0.745	ND	ND < 300	PFAS = ND; 1.61 ppb acetone, 10.6 ppb methylene chloride,
	6/16/2025	ND < 0.408	ND < 0.797	15.6	NA	1.13 ppt PFHxA, 0.782 ppt PFPeA, 13.7 ppt 6:2 FTS
	6/24/2025	ND < 0.394	ND < 0.770	ND	NA	
	7/10/2025	ND < 0.764	ND < 0.735	ND	NA	1.01 ppn TBA
	7/21/2025	ND < 0.764	ND < 0.735	ND	NA	1.82 ppb acrolein, 1.24 ppb chloroform, 1.58 ppb naphthalene, 1.25 ppb TBA
Notes	PFAS analyses via EPA Method 1633; 1-4 dioxane analyses via EPA Method 8270					
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: <i>Finalized Water Quality Guidance Values to Regulate PFOA, PFOS, and 1, 4-Dioxane</i> (March 15, 2023), NYSDEC, and <i>Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS), under NYSDEC's Part 375 Remedial Programs (April 2023)</i> , NYSDEC					
Bold values	BOLD value indicates compound was detected at a concentration above the analytical method reporting limit (RL)					
Shaded values	Shaded value indicates compound detection that is greater than one or more NYSDEC criteria listed above					
NS	no current regulatory standard					
ND	Indicates compound was not detected at a concentration above the analytical method reporting level (RL)					
NA	compound not analyzed					

Table 2
Summary 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	N/A
Sample Location	Date	PFOA	PFOS	Total PFAS
OF-7 Pipe	1/23/2024	445	2440	
	2/21/2024	442	4420	
	3/7/2024	128	1490	
	7/21/2025	774	3770	7553
OF-7 Pool	8/10/2023	553	1680	4904
	8/23/2023	383	1530	4146
	5/14/2025	52	505	2448
	7/21/2025	3	18	37
OF-7 Grate	8/10/2023	438	2740	5737
	8/23/2023	360	3340	6385
	5/14/2025	83	757	3242
	7/21/2025	11	70	194
OF-7A	8/10/2023	409	1770	4665
	8/23/2023	335	2280	5055
	9/7/2023	136	829	2371
	9/8/2023	113	842	2066
	11/8/2023	270	1310	3416
	5/14/2025	74	554	2633
	7/21/2025	33	440	804
E-10	10/26/2022	183	791	
	12/28/2022	121	604	
	4/18/2023	135	532	
	7/21/2025	33	234	588

Notes PFAS analyses via EPA Method 1633; 1-4 dioxane analyses via EPA Method 8270

- 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*

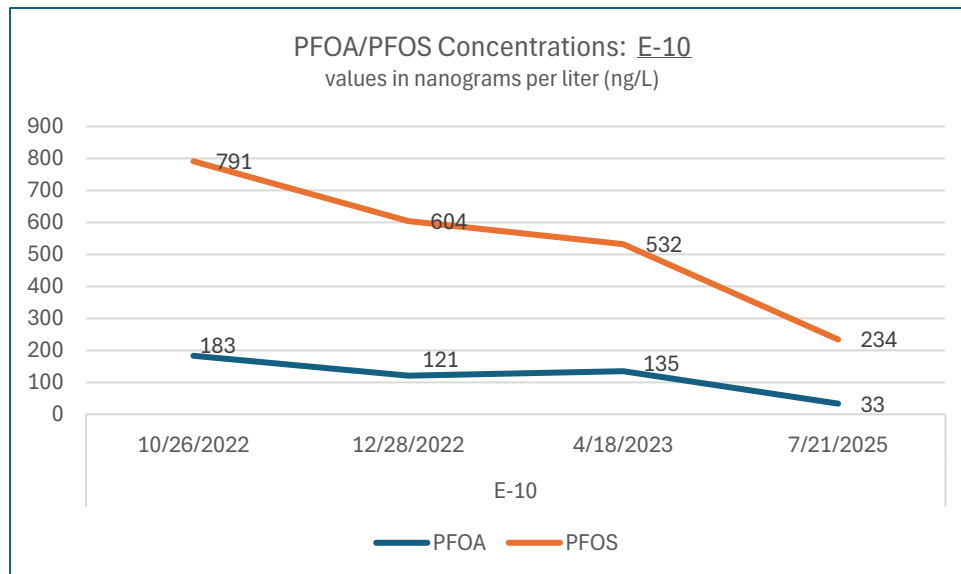
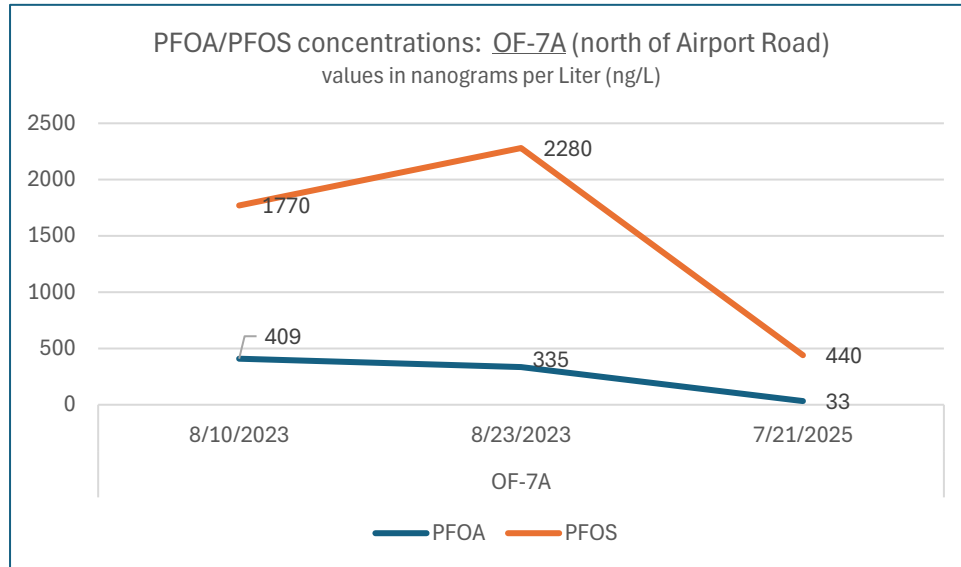
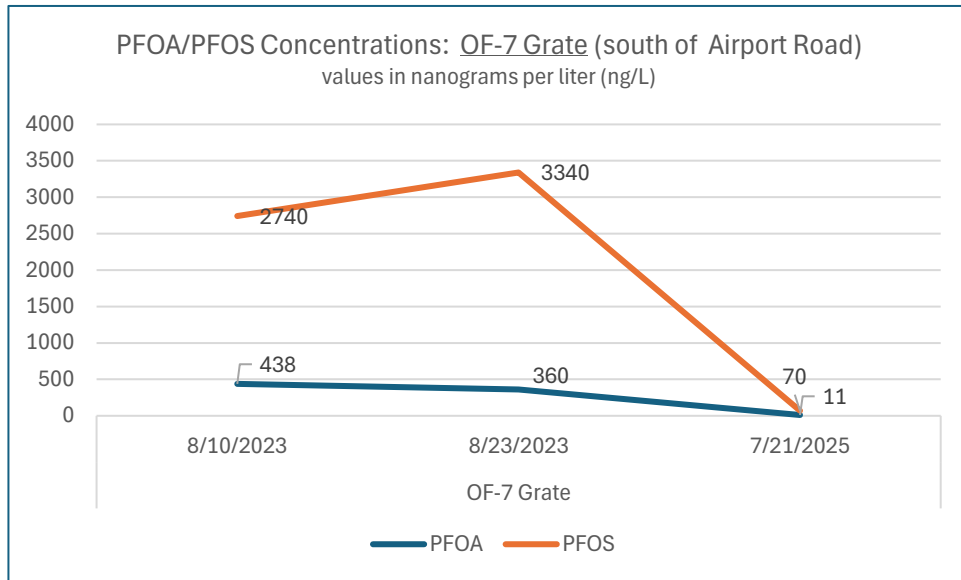
Trend of Surface Water Sampling Results @ Outfall OF-7
Westchester County Airport / NYSDEC BCP Site No. C360174
240 Airport Road, West Harrison, New York 10604

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 within OF-7 basin	8/10/2023	553	1680
	8/23/2023	383	1530
	7/21/2025	3	18
		PFOA	PFOS
OF-7 Grate	8/10/2023	438	2740
	8/23/2023	360	3340
	7/21/2025	11	70
		PFOA	PFOS
OF-7A	8/10/2023	409	1770
	8/23/2023	335	2280
	7/21/2025	33	440
		PFOA	PFOS
E-10	10/26/2022	183	791
	12/28/2022	121	604
	4/18/2023	135	532
	7/21/2025	33	234

Notes

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



Appendix D

HVAC System Upgrades Table

Table 3
Summary of HVAC Project Soil Boring Results
Westchester County Airport / NYSDEC BCP Site No. C360174

Contaminants	CAS Number	Analytical Method	Units	Unrestricted Use	Protection of Groundwater	Industrial Use	SB1-12"-18"	SB1-18"-30"	SB1-12'-48"	SB1-7'-8"	SB1-5'-8"	SB2-12"-18"	SB2-12"-18" DUP	SB2-24"-36"	SB2-12"-5'	SB2-4'	SB2-4' DUP	SB2-9'-10'	SB2-9'-10'	RINSATE
General Chemistry																				
Percent Moisture	-	-	%	-	-	-	6.1	7.7	6.0	10.6	4.0	11.2	7.2	8.8	10.3	8.2	9.8	12.2	9.1	-
Percent Solids	-	-	%	-	-	-	93.9	-	94.0	89.4	96.0	-	-	-	89.7	91.8	90.2	-	90.9	-
Per- and Polyfluoroalkyl Substances (PFAs)																				
Perfluorobutanoic acid (PFBA)	375-22-4	1633A	ng/g	0.66	0.8	600	ND	ND	ND	ND	ND	ND	ND	ND	ND	-	-	ND	-	ND
Perfluoropentanoic acid (PFPeA)	2706-90-3	1633A	ng/g	0.66	0.8	600	ND	ND	ND	ND	ND	ND	ND	ND	ND	-	-	ND	-	ND
Perfluorohexanoic acid (PFHxA)	307-24-4	1633A	ng/g	0.66	0.8	600	ND	ND	ND	ND	ND	ND	ND	ND	ND	-	-	ND	-	ND
Perfluoroheptanoic acid (PFHpA)	375-85-9	1633A	ng/g	0.66	0.8	600	ND	ND	ND	ND	ND	ND	ND	ND	ND	-	-	ND	-	ND
Perfluorooctanoic acid (PFOA)	335-67-1	1633A	ng/g	0.66	0.8	600	ND	ND	ND	ND	ND	ND	ND	ND	ND	-	-	0.061	-	ND
Perfluorononanoic acid (PFNA)	375-95-1	1633A	ng/g	0.66	0.8	600	ND	ND	ND	ND	ND	ND	ND	ND	ND	-	-	ND	-	ND
Perfluorodecanoic acid (PFDA)	335-76-2	1633A	ng/g	0.66	0.8	600	ND	ND	ND	ND	ND	ND	ND	ND	ND	-	-	ND	-	ND
Perfluoroundecanoic acid (PFUnA)	2058-94-8	1633A	ng/g	0.66	0.8	600	ND	ND	ND	ND	ND	ND	ND	ND	0.054	-	-	ND	-	ND
Perfluorododecanoic acid (PFDoA)	307-55-1	1633A	ng/g	0.66	0.8	600	ND	ND	ND	ND	ND	ND	ND	ND	ND	-	-	ND	-	ND
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	1633A	ng/g	0.66	0.8	600	ND	ND	ND	ND	ND	ND	ND	ND	ND	-	-	ND	-	ND
Perfluorotetradecanoic acid (PFTeDA)	376-06-7	1633A	ng/g	0.66	0.8	600	ND	ND	ND	ND	ND	ND	ND	ND	ND	-	-	ND	-	ND
Perfluorobutanesulfonic acid (PFBS)	375-73-5	1633A	ng/g	0.88	1.0	440	ND	ND	ND	ND	ND	ND	ND	ND	ND	-	-	ND	-	ND
Perfluoropentanesulfonic acid (PFPeS)	2706-91-4	1633A	ng/g	0.88	1.0	440	ND	ND	ND	ND	ND	ND	ND	ND	ND	-	-	ND	-	ND
Perfluorohexanesulfonic acid (PFHxS)	355-46-4	1633A	ng/g	0.88	1.0	440	ND	0.16	0.056	ND	ND	0.072	0.060	0.074	0.087	-	-	0.28	-	ND
Perfluoroheptanesulfonic acid (PFHpS)	375-92-8	1633A	ng/g	0.88	1.0	440	ND	ND	ND	ND	ND	ND	ND	ND	ND	-	-	0.22	-	ND
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	1633A	ng/g	0.88	1.0	440	ND	0.99	0.40	1.3	0.83	0.28	0.28	0.40	1.4	-	-	5.4	-	ND
Perfluorononanesulfonic acid (PFNS)	68259-12-1	1633A	ng/g	0.88	1.0	440	ND	ND	ND	ND	ND	ND	ND	ND	ND	-	-	ND	-	ND
Perfluorodecanesulfonic acid (PFDS)	335-77-3	1633A	ng/g	0.88	1.0	440	ND	ND	ND	ND	ND	ND	ND	ND	ND	-	-	ND	-	ND
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5	1633A	ng/g	0.88	1.0	440	ND	ND	ND	ND	ND	ND	ND	ND	ND	-	-	ND	-	ND
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	757124-72-4	1633A	ng/g	0.88	1.0	440	ND	ND	ND	ND	ND	ND	ND	ND	ND	-	-	ND	-	ND
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	27619-97-2	1633A	ng/g	0.88	1.0	440	ND	ND	ND	ND	ND	ND	ND	ND	ND	-	-	ND	-	ND
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	39108-34-4	1633A	ng/g	0.88	1.0	440	ND	ND	ND	ND	ND	ND	ND	ND	ND	-	-	ND	-	ND
Perfluorooctanesulfonamide (PFOSA)	754-91-6	1633A	ng/g	0.88	1.0	440	ND	ND	ND	ND	ND	ND	ND	ND	ND	-	-	ND	-	ND
N-methylperfluorooctane sulfonamide (NMeFOSA)	31506-32-8	1633A	ng/g	0.88	1.0	440	ND	ND	ND	ND	ND	ND	ND	ND	ND	-	-	ND	-	ND
N-ethylperfluorooctane sulfonamide (NEtFOSA)	4151-50-2	1633A	ng/g	0.88	1.0	440	ND	ND	ND	ND	ND	ND	ND	ND	ND	-	-	ND	-	ND
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2355-31-9	1633A	ng/g	0.88	1.0	440	ND	ND	ND	ND	ND	ND	ND	ND	ND	-	-	ND	-	ND
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2991-50-6	1633A	ng/g	0.88	1.0	440	ND	0.60	ND	ND	ND	ND	ND	ND	ND	-	-	ND	-	ND
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	24448-09-7	1633A	ng/g	0.88	1.0	440	ND	ND	ND	ND	ND	ND	ND	ND	0.35	-	-	ND	-	ND
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1691-99-2	1633A	ng/g	0.88	1.0	440	ND	ND	ND	ND	ND	ND	ND	ND	0.33	-	-	ND	-	ND
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	13252-13-6	1633A	ng/g	0.66	0.8	600	ND	ND	ND	ND	ND	ND	ND	ND	ND	-	-	ND	-	ND
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	919005-14-4	1633A	ng/g	0.66	0.8	600	ND	ND	ND	ND	ND	ND	ND	ND	ND	-	-	ND	-	ND
Perfluoro-3-methoxypropanoic acid (PFMPA)	377-73-1	1633A	ng/g	0.66	0.8	600	ND	ND	ND	ND	ND	ND	ND	ND	ND	-	-	ND	-	ND
Perfluoro-4-methoxybutanoic acid (PFMBA)	863090-89-5	1633A	ng/g	0.66	0.8	600	ND	ND	ND	ND	ND	ND	ND	ND	ND	-	-	ND	-	ND
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	151772-58-6	1633A	ng/g	0.66	0.8	600	ND	ND	ND	ND	ND	ND	ND	ND	ND	-	-	ND	-	ND
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	756426-58-1	1633A	ng/g	0.88	1.0	440	ND	ND	ND	ND	ND	ND	ND	ND	ND	-	-	ND	-	ND
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	763051-92-9	1633A	ng/g	0.88	1.0	440	ND	ND	ND	ND	ND	ND	ND	ND	ND	-	-	ND	-	ND
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	113507-82-7	1633A	ng/g	0.88	1.0	440	ND	ND	ND	ND	ND	ND	ND	ND	ND	-	-	ND	-	ND
3-Perfluoropropylpropanoic acid (3:3 FTCA)	356-02-5	1633A	ng/g	0.66	0.8	600	ND	ND	ND	ND	ND	ND	ND	ND	ND	-	-	ND	-	ND
3-Perfluoropentylpropanoic acid (5:3 FTCA)	914637-49-3	1633A	ng/g	0.66	0.8	600	ND	ND	ND	ND	ND	ND	ND	ND	ND	-	-	ND	-	ND
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	812-70-4	1633A	ng/g	0.66	0.8	600	ND	ND	ND	ND	ND	ND	ND	ND	ND	-	-	ND	-	ND
Volatile Organic Compounds (VOCs)																				
1,1,1-Trichloroethane	71-55-6	8260C	ug/Kg	680	680	1000000	ND	-	-	ND	ND	-	-	-	-	ND	ND	-	ND	-
1,1,2,2-Tetrachloroethane	79-34-5	8260C	ug/Kg	-	-	-	ND	-	-	ND	ND	-	-	-	-	ND	ND	-	ND	-
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	8260C	ug/Kg	-	-	-	ND	-	-	ND	ND	-	-	-	-	ND	ND	-	ND	-
1,1,2-Trichloroethane	79-00-5	8260C	ug/Kg	-	-	-	ND	-	-	ND	ND	-	-	-	-	ND	ND	-	ND	-
1,1-Dichloroethane	75-34-3	8260C	ug/Kg	270	270	480000	ND	-	-	ND	ND	-	-	-	-	ND	ND	-	ND	-
1,1-Dichloroethene	75-35-4	8260C	ug/Kg	330	330	1000000	ND	-	-	ND	ND	-	-	-	-	ND	ND	-	ND	-
1,2,4-Trichlorobenzene	120-82-1	8260C	ug/Kg	-	-	-	ND	-	-	ND	ND	-	-	-	-	ND	ND	-	ND	-
1,2-Dibromo-3-Chloropropane	96-12-8	8260C	ug/Kg	-	-	-	ND	-	-	ND	ND	-	-	-	-	ND	ND	-	ND	-
1,2-Dichlorobenzene	95-50-1	8260C	ug/Kg	1100	1100	1000000	ND	-	-	ND	ND	-	-	-	-	ND	ND	-	ND	-

Table 3
Summary of HVAC Project Soil Boring Results
Westchester County Airport / NYSDEC BCP Site No. C360174

1,2-Dichloroethane	107-06-2	8260C	ug/Kg	20	20	60000	ND	-	-	ND	ND	-	-	-	-	ND	ND	-	ND	-
1,2-Dichloropropane	78-87-5	8260C	ug/Kg	-	-	-	ND	-	-	ND	ND	-	-	-	-	ND	ND	-	ND	-
1,3-Dichlorobenzene	541-73-1	8260C	ug/Kg	2400	2400	560000	ND	-	-	ND	ND	-	-	-	-	ND	ND	-	ND	-
1,4-Dichlorobenzene	106-46-7	8260C	ug/Kg	1800	1800	250000	ND	-	-	ND	ND	-	-	-	-	ND	ND	-	ND	-
2-Butanone (MEK)	78-93-3	8260C	ug/Kg	120	120	1000000	ND	-	-	ND	ND	-	-	-	-	ND	ND	-	ND	-
2-Hexanone	591-78-6	8260C	ug/Kg	-	-	-	ND	-	-	ND	ND	-	-	-	-	ND	ND	-	ND	-
4-Methyl-2-pentanone (MIBK)	108-10-1	8260C	ug/Kg	-	-	-	ND	-	-	ND	ND	-	-	-	-	ND	ND	-	ND	-
Acetone	67-64-1	8260C	ug/Kg	50	50	1000000	ND	-	-	ND	ND	-	-	-	-	ND	ND	-	ND	-
Benzene	71-43-2	8260C	ug/Kg	60	60	89000	ND	-	-	ND	ND	-	-	-	-	ND	ND	-	ND	-
Bromoform	75-25-2	8260C	ug/Kg	-	-	-	ND	-	-	ND	ND	-	-	-	-	ND	ND	-	ND	-
Bromomethane	74-83-9	8260C	ug/Kg	-	-	-	ND	-	-	ND	ND	-	-	-	-	ND	ND	-	ND	-
Carbon disulfide	75-15-0	8260C	ug/Kg	-	-	-	ND	-	-	ND	ND	-	-	-	-	ND	ND	-	ND	-
Carbon tetrachloride	56-23-5	8260C	ug/Kg	760	760	44000	ND	-	-	ND	ND	-	-	-	-	ND	ND	-	ND	-
Chlorobenzene	108-90-7	8260C	ug/Kg	1100	1100	1000000	ND	-	-	ND	ND	-	-	-	-	ND	ND	-	ND	-
Dibromochloromethane	124-64-1	8260C	ug/Kg	-	-	-	ND	-	-	ND	ND	-	-	-	-	ND	ND	-	ND	-
Chloroethane	75-00-3	8260C	ug/Kg	-	-	-	ND	-	-	ND	ND	-	-	-	-	ND	ND	-	ND	-
Chloroform	67-66-3	8260C	ug/Kg	370	370	700000	ND	-	-	ND	ND	-	-	-	-	ND	ND	-	ND	-
Chloromethane	74-87-3	8260C	ug/Kg	-	-	-	ND	-	-	ND	ND	-	-	-	-	ND	ND	-	ND	-
cis-1,2-Dichloroethene	156-59-2	8260C	ug/Kg	250	250	1000000	ND	-	-	ND	ND	-	-	-	-	ND	ND	-	ND	-
Cyclohexane	110-82-7	8260C	ug/Kg	-	-	-	ND	-	-	ND	ND	-	-	-	-	ND	ND	-	ND	-
Bromodichloromethane	75-27-4	8260C	ug/Kg	-	-	-	ND	-	-	ND	ND	-	-	-	-	ND	ND	-	ND	-
Dichlorodifluoromethane	75-71-8	8260C	ug/Kg	-	-	-	ND	-	-	ND	ND	-	-	-	-	ND	ND	-	ND	-
Ethylbenzene	100-41-4	8260C	ug/Kg	1000	1000	780000	ND	-	-	ND	ND	-	-	-	-	ND	ND	-	ND	-
1,2-Dibromoethane	106-93-4	8260C	ug/Kg	-	-	-	ND	-	-	ND	ND	-	-	-	-	ND	ND	-	ND	-
Isopropylbenzene	98-82-8	8260C	ug/Kg	-	-	-	ND	-	-	ND	ND	-	-	-	-	ND	ND	-	ND	-
Methyl acetate	79-20-9	8260C	ug/Kg	-	-	-	ND	-	-	100	ND	-	-	-	-	440	420	-	ND	-
Methyl tert-butyl ether	1634-04-4	8260C	ug/Kg	930	930	1000000	ND	-	-	ND	ND	-	-	-	-	ND	ND	-	ND	-
Methylcyclohexane	108-87-2	8260C	ug/Kg	-	-	-	ND	-	-	ND	ND	-	-	-	-	ND	ND	-	ND	-
Methylene Chloride	75-09-2	8260C	ug/Kg	50	50	1000000	ND	-	-	ND	ND	-	-	-	-	ND	ND	-	ND	-
Tetrachloroethene	127-18-4	8260C	ug/Kg	1300	1300	300000	ND	-	-	ND	ND	-	-	-	-	ND	ND	-	ND	-
Toluene	108-88-3	8260C	ug/Kg	700	700	1000000	ND	-	-	ND	ND	-	-	-	-	40	55	-	ND	-
trans-1,2-Dichloroethene	156-60-5	8260C	ug/Kg	190	190	1000000	ND	-	-	ND	ND	-	-	-	-	ND	ND	-	ND	-
trans-1,3-Dichloropropene	10061-02-6	8260C	ug/Kg	-	-	-	ND	-	-	ND	ND	-	-	-	-	ND	ND	-	ND	-
Trichloroethene	79-01-6	8260C	ug/Kg	470	470	400000	ND	-	-	ND	ND	-	-	-	-	ND	ND	-	ND	-
Trichlorofluoromethane	75-69-4	8260C	ug/Kg	-	-	-	ND	-	-	ND	ND	-	-	-	-	ND	ND	-	ND	-
Vinyl chloride	75-01-4	8260C	ug/Kg	20	20	27000	ND	-	-	ND	ND	-	-	-	-	ND	ND	-	ND	-
Xylenes, Total	1330-20-7	8260C	ug/Kg	260	1600	1000000	ND	-	-	ND	ND	-	-	-	-	46	57	-	ND	-
cis-1,3-Dichloropropene	10061-01-5	8260C	ug/Kg	-	-	-	ND	-	-	ND	ND	-	-	-	-	ND	ND	-	ND	-
Styrene	100-42-5	8260C	ug/Kg	-	-	-	ND	-	-	ND	ND	-	-	-	-	13	ND	-	ND	-
Herbicides																				
2,4,5-T	93-76-5	8151A	ug/Kg	-	-	-	-	-	ND	-	ND	-	-	-	ND	-	-	-	ND	-
Silvex (2,4,5-TP)	93-72-1	8151A	ug/Kg	3800	3800	1000000	-	-	ND	-	ND	-	-	-	ND	-	-	-	ND	-
2,4-D	94-75-7	8151A	ug/Kg	-	-	-	-	-	ND	-	ND	-	-	-	ND	-	-	-	ND	-
Dichlorprop	120-36-5	8151A	ug/Kg	-	-	-	-	-	ND	-	ND	-	-	-	ND	-	-	-	ND	-
Pentachlorophenol	87-86-5	8151A	ug/Kg	800	800	55000	-	-	ND	-	ND	-	-	-	ND	-	-	-	ND	-
Picloram	1918-02-1	8151A	ug/Kg	-	-	-	-	-	ND	-	ND	-	-	-	ND	-	-	-	ND	-
Metals																				
Mercury	7439-97-6	7470A	mg/Kg	0.18	0.73	5.7	-	-	0.0056	-	0.0060	-	-	-	0.0081	-	-	-	ND	-
Aluminum	7429-90-5	6010D	mg/Kg	-	-	-	-	-	18100	-	15800	-	-	-	16500	-	-	-	27400	-
Antimony	7440-36-0	6010D	mg/Kg	-	-	-	-	-	ND	-	ND	-	-	-	ND	-	-	-	ND	-
Arsenic	7440-38-2	6010D	mg/Kg	13	16	16	-	-	1.6	-	ND	-	-	-	2.3	-	-	-	ND	-
Barium	7440-39-3	6010D	mg/Kg	350	820	10000	-	-	114	-	149	-	-	-	121	-	-	-	232	-
Beryllium	7440-41-7	6010D	mg/Kg	7.2	47	2700	-	-	0.42	-	0.40	-	-	-	0.56	-	-	-	0.86	-
Cadmium	7440-43-9	6010D	mg/Kg	2.5	7.5	60	-	-	0.29	-	ND	-	-	-	0.10	-	-	-	ND	-
Calcium	7440-70-2	6010D	mg/Kg	-	-	-	-	-	12100	-	6400	-	-	-	19800	-	-	-	1880	-
Chromium	7440-47-3	6010D	mg/Kg	-	-	-	-	-	22.6	-	26.6	-	-	-	26.3	-	-	-	40.6	-
Cobalt	7440-48-4	6010D	mg/Kg	-	-	-	-	-	18.7	-	12.1	-	-	-	13.5	-	-	-	21.1	-
Copper	7440-50-8	6010D	mg/Kg	50	1720	10000	-	-	102	-	31.3	-	-	-	49.2	-	-	-	47.1	-
Iron	7439-89-6	6010D	mg/Kg	-	-	-	-	-	34300	-	25300	-	-	-	25600	-	-	-	36200	-
Lead	7439-92-1	6010D	mg/Kg	63	450	3900	-	-	21.4	-	9.3	-	-	-	41.4	-	-	-	6.4	-
Magnesium	7439-95-4	6010D	mg/Kg	-	-	-	-	-	8370	-	7480	-	-	-	9580	-	-	-	9030	-
Manganese	7439-96-5	6010D	mg/Kg	1600	2000	10000	-	-	370	-	297	-	-	-	406	-	-	-	558	-
Nickel	7440-02-0	6010D	mg/Kg	30	130	10000	-	-	24.9	-	21.4	-	-	-	22.0	-	-	-	34.9	-

Table 3
Summary of HVAC Project Soil Boring Results
Westchester County Airport / NYSDEC BCP Site No. C360174

Potassium	7440-09-7	6010D	mg/Kg	-	-	-	-	-	3980	-	6570	-	-	-	4850	-	-	-	8800	-
Selenium	7782-49-2	6010D	mg/Kg	3.9	4	6800	-	-	ND	-	ND	-	-	-	ND	-	-	-	ND	-
Silver	7440-22-4	6010D	mg/Kg	2	8.3	6800	-	-	0.35	-	ND	-	-	-	ND	-	-	-	0.24	-
Sodium	7440-23-5	6010D	mg/Kg	-	-	-	-	-	2130	-	344	-	-	-	738	-	-	-	843	-
Thallium	7440-28-0	6010D	mg/Kg	-	-	-	-	-	ND	-	ND	-	-	-	ND	-	-	-	ND	-
Vanadium	7440-62-2	6010D	mg/Kg	-	-	-	-	-	61.5	-	45.6	-	-	-	60.4	-	-	-	84.9	-
Zinc	7440-66-6	6010D	mg/Kg	109	2480	10000	-	-	105	-	59.4	-	-	-	74.3	-	-	-	74.7	-
Organochlorine Pesticides																				
4,4'-DDD	72-54-8	8081B	ug/Kg	3.3	14000	180000	-	-	ND	-	ND	-	-	-	ND	-	-	-	ND	-
4,4'-DDE	72-55-9	8081B	ug/Kg	3.3	17000	120000	-	-	ND	-	ND	-	-	-	ND	-	-	-	ND	-
4,4'-DDT	50-29-3	8081B	ug/Kg	3.3	136000	94000	-	-	32	-	31	-	-	-	40	-	-	-	1.4	-
Aldrin	309-00-2	8081B	ug/Kg	5	190	1400	-	-	ND	-	ND	-	-	-	ND	-	-	-	ND	-
alpha-BHC	319-84-6	8081B	ug/Kg	20	20	6800	-	-	ND	-	ND	-	-	-	ND	-	-	-	ND	-
cis-Chlordane	5103-71-9	8081B	ug/Kg	94	2900	47000	-	-	ND	-	ND	-	-	-	ND	-	-	-	ND	-
beta-BHC	319-85-7	8081B	ug/Kg	36	90	14000	-	-	ND	-	ND	-	-	-	ND	-	-	-	ND	-
delta-BHC	319-86-8	8081B	ug/Kg	40	250	1000000	-	-	ND	-	ND	-	-	-	ND	-	-	-	ND	-
Dieldrin	60-57-1	8081B	ug/Kg	5	100	2800	-	-	ND	-	ND	-	-	-	ND	-	-	-	ND	-
Endosulfan I	959-98-8	8081B	ug/Kg	2400	102000	920000	-	-	ND	-	ND	-	-	-	ND	-	-	-	ND	-
Endosulfan II	33213-65-9	8081B	ug/Kg	2400	102000	920000	-	-	ND	-	ND	-	-	-	ND	-	-	-	ND	-
Endosulfan sulfate	1031-07-8	8081B	ug/Kg	2400	1000000	920000	-	-	ND	-	ND	-	-	-	ND	-	-	-	ND	-
Endrin	72-20-8	8081B	ug/Kg	14	60	410000	-	-	ND	-	ND	-	-	-	ND	-	-	-	ND	-
Endrin aldehyde	7421-93-4	8081B	ug/Kg	-	-	-	-	-	ND	-	ND	-	-	-	ND	-	-	-	ND	-
Endrin ketone	53494-70-5	8081B	ug/Kg	-	-	-	-	-	ND	-	ND	-	-	-	ND	-	-	-	ND	-
gamma-BHC (Lindane)	58-89-9	8081B	ug/Kg	100	100	23000	-	-	ND	-	ND	-	-	-	ND	-	-	-	ND	-
trans-Chlordane	5103-74-2	8081B	ug/Kg	-	-	-	-	-	ND	-	ND	-	-	-	ND	-	-	-	ND	-
Heptachlor	76-44-8	8081B	ug/Kg	42	380	29000	-	-	ND	-	ND	-	-	-	ND	-	-	-	ND	-
Heptachlor epoxide	1024-57-3	8081B	ug/Kg	-	-	-	-	-	ND	-	ND	-	-	-	ND	-	-	-	ND	-
Methoxychlor	72-43-5	8081B	ug/Kg	-	-	-	-	-	ND	-	ND	-	-	-	26	-	-	-	1.2	-
Toxaphene	8001-35-2	8081B	ug/Kg	-	-	-	-	-	ND	-	ND	-	-	-	ND	-	-	-	ND	-
Polychlorinated Biphenyls (PCBs)																				
PCB-1016	12674-11-2	8082A	mg/Kg	-	-	-	-	-	ND	-	ND	-	-	-	ND	-	-	-	ND	-
PCB-1221	11104-28-2	8082A	mg/Kg	-	-	-	-	-	ND	-	ND	-	-	-	ND	-	-	-	ND	-
PCB-1232	11141-16-5	8082A	mg/Kg	-	-	-	-	-	ND	-	ND	-	-	-	ND	-	-	-	ND	-
PCB-1242	53469-21-9	8082A	mg/Kg	-	-	-	-	-	ND	-	ND	-	-	-	ND	-	-	-	ND	-
PCB-1248	12672-29-6	8082A	mg/Kg	-	-	-	-	-	ND	-	ND	-	-	-	ND	-	-	-	ND	-
PCB-1254	11097-69-1	8082A	mg/Kg	-	-	-	-	-	ND	-	ND	-	-	-	ND	-	-	-	ND	-
PCB-1260	11096-82-5	8082A	mg/Kg	-	-	-	-	-	ND	-	ND	-	-	-	ND	-	-	-	ND	-
Semivolatile Organic Compounds (SVOCs)																				
Biphenyl	92-52-4	8270D	ug/Kg	-	-	-	-	-	ND	-	ND	-	-	-	ND	-	-	-	ND	-
bis (2-chloroisopropyl) ether	108-60-1	8270D	ug/Kg	-	-	-	-	-	ND	-	ND	-	-	-	ND	-	-	-	ND	-
2,4,5-Trichlorophenol	95-95-4	8270D	ug/Kg	-	-	-	-	-	ND	-	ND	-	-	-	ND	-	-	-	ND	-
2,4,6-Trichlorophenol	88-06-2	8270D	ug/Kg	-	-	-	-	-	ND	-	ND	-	-	-	ND	-	-	-	ND	-
2,4-Dichlorophenol	120-83-2	8270D	ug/Kg	-	-	-	-	-	ND	-	ND	-	-	-	ND	-	-	-	ND	-
2,4-Dimethylphenol	105-67-9	8270D	ug/Kg	-	-	-	-	-	ND	-	ND	-	-	-	ND	-	-	-	ND	-
2,4-Dinitrophenol	51-28-5	8270D	ug/Kg	-	-	-	-	-	ND	-	ND	-	-	-	ND	-	-	-	ND	-
2,4-Dinitrotoluene	121-14-2	8270D	ug/Kg	-	-	-	-	-	ND	-	ND	-	-	-	ND	-	-	-	ND	-
2,6-Dinitrotoluene	606-20-2	8270D	ug/Kg	-	-	-	-	-	ND	-	ND	-	-	-	ND	-	-	-	ND	-
2-Chloronaphthalene	91-58-7	8270D	ug/Kg	-	-	-	-	-	ND	-	ND	-	-	-	ND	-	-	-	ND	-
2-Chlorophenol	95-57-8	8270D	ug/Kg	-	-	-	-	-	ND	-	ND	-	-	-	ND	-	-	-	ND	-
2-Methylnaphthalene	91-57-6	8270D	ug/Kg	-	-	-	-	-	810	-	680	-	-	-	2300	-	-	-	ND	-
2-Methylphenol	95-48-7	8270D	ug/Kg	330	330	1000000	-	-	ND	-	ND	-	-	-	ND	-	-	-	ND	-
2-Nitroaniline	88-74-4	8270D	ug/Kg	-	-	-	-	-	ND	-	ND	-	-	-	ND	-	-	-	ND	-
2-Nitrophenol	88-75-5	8270D	ug/Kg	-	-	-	-	-	ND	-	ND	-	-	-	ND	-	-	-	ND	-
3,3'-Dichlorobenzidine	91-94-1	8270D	ug/Kg	-	-	-	-	-	ND	-	ND	-	-	-	ND	-	-	-	ND	-
3-Nitroaniline	99-09-2	8270D	ug/Kg	-	-	-	-	-	ND	-	ND	-	-	-	ND	-	-	-	ND	-
4,6-Dinitro-2-methylphenol	534-52-1	8270D	ug/Kg	-	-	-	-	-	ND	-	ND	-	-	-	ND	-	-	-	ND	-
4-Bromophenyl phenyl ether	101-55-3	8270D	ug/Kg	-	-	-	-	-	ND	-	ND	-	-	-	ND	-	-	-	ND	-
4-Chloro-3-methylphenol	59-50-7	8270D	ug/Kg	-	-	-	-	-	ND	-	ND	-	-	-	ND	-	-	-	ND	-
4-Chloroaniline	106-47-8	8270D	ug/Kg	-	-	-	-	-	ND	-	ND	-	-	-	ND	-	-	-	ND	-
4-Chlorophenyl phenyl ether	7005-72-3	8270D	ug/Kg	-	-	-	-	-	ND	-	ND	-	-	-	ND	-	-	-	ND	-
4-Methylphenol	106-44-5	8270D	ug/Kg	330	330	1000000	-	-	ND	-	ND	-	-	-	ND	-	-	-	ND	-
4-Nitroaniline	100-01-6	8270D	ug/Kg	-	-	-	-	-	ND	-	ND	-	-	-	ND	-	-	-	ND	-
4-Nitrophenol	100-02-7	8270D	ug/Kg	-	-	-	-	-	ND	-	ND	-	-	-	ND	-	-	-	ND	-

Table 3
Summary of HVAC Project Soil Boring Results
Westchester County Airport / NYSDEC BCP Site No. C360174

Acenaphthene	83-32-9	8270D	ug/Kg	20000	98000	1000000	-	-	ND	-	320	-	-	-	650	-	-	-	ND	-
Acenaphthylene	208-96-8	8270D	ug/Kg	100000	107000	1000000	-	-	730	-	480	-	-	-	1300	-	-	-	ND	-
Acetophenone	98-86-2	8270D	ug/Kg	-	-	-	-	-	ND	-	ND	-	-	-	ND	-	-	-	ND	-
Anthracene	120-12-7	8270D	ug/Kg	100000	1000000	1000000	-	-	1300	-	1000	-	-	-	3500	-	-	-	ND	-
Atrazine	1912-24-9	8270D	ug/Kg	-	-	-	-	-	ND	-	ND	-	-	-	ND	-	-	-	ND	-
Benzaldehyde	100-52-7	8270D	ug/Kg	-	-	-	-	-	ND	-	ND	-	-	-	ND	-	-	-	ND	-
Benzo[a]anthracene	56-55-3	8270D	ug/Kg	1000	1000	11000	-	-	3200	-	1400	-	-	-	8900	-	-	-	ND	-
Benzo[a]pyrene	50-32-8	8270D	ug/Kg	1000	22000	1100	-	-	2800	-	1600	-	-	-	6000	-	-	-	ND	-
Benzo[b]fluoranthene	205-99-2	8270D	ug/Kg	1000	1700	11000	-	-	2500	-	1300	-	-	-	5800	-	-	-	ND	-
Benzo[g,h,i]perylene	191-24-2	8270D	ug/Kg	100000	1000000	1000000	-	-	2100	-	1400	-	-	-	4200	-	-	-	ND	-
Benzo[k]fluoranthene	207-08-9	8270D	ug/Kg	800	1700	110000	-	-	1400	-	390	-	-	-	2100	-	-	-	ND	-
Bis(2-chloroethoxy)methane	111-91-1	8270D	ug/Kg	-	-	-	-	-	ND	-	ND	-	-	-	ND	-	-	-	ND	-
Bis(2-chloroethyl)ether	111-44-4	8270D	ug/Kg	-	-	-	-	-	ND	-	ND	-	-	-	ND	-	-	-	ND	-
Bis(2-ethylhexyl) phthalate	117-81-7	8270D	ug/Kg	-	-	-	-	-	ND	-	ND	-	-	-	ND	-	-	-	ND	-
Butyl benzyl phthalate	85-68-7	8270D	ug/Kg	-	-	-	-	-	ND	-	ND	-	-	-	ND	-	-	-	ND	-
Caprolactam	105-60-2	8270D	ug/Kg	-	-	-	-	-	ND	-	ND	-	-	-	ND	-	-	-	ND	-
Carbazole	86-74-8	8270D	ug/Kg	-	-	-	-	-	ND	-	ND	-	-	-	ND	-	-	-	ND	-
Chrysene	218-01-9	8270D	ug/Kg	1000	1000	110000	-	-	3600	-	1600	-	-	-	9100	-	-	-	ND	-
Dibenz[a,h]anthracene	53-70-3	8270D	ug/Kg	330	1000000	1100	-	-	480	-	ND	-	-	-	1200	-	-	-	ND	-
Dibenzofuran	132-64-9	8270D	ug/Kg	7000	210000	1000000	-	-	ND	-	ND	-	-	-	520	-	-	-	ND	-
Diethyl phthalate	84-66-2	8270D	ug/Kg	-	-	-	-	-	ND	-	ND	-	-	-	ND	-	-	-	ND	-
Dimethyl phthalate	131-11-3	8270D	ug/Kg	-	-	-	-	-	ND	-	ND	-	-	-	ND	-	-	-	ND	-
Di-n-butyl phthalate	84-74-2	8270D	ug/Kg	-	-	-	-	-	ND	-	ND	-	-	-	ND	-	-	-	ND	-
Di-n-octyl phthalate	117-84-0	8270D	ug/Kg	-	-	-	-	-	ND	-	ND	-	-	-	ND	-	-	-	ND	-
Fluoranthene	206-44-0	8270D	ug/Kg	100000	1000000	1000000	-	-	4400	-	2400	-	-	-	14000	-	-	-	ND	-
Fluorene	86-73-7	8270D	ug/Kg	30000	386000	1000000	-	-	490	-	ND	-	-	-	2600	-	-	-	ND	-
Hexachlorobenzene	118-74-1	8270D	ug/Kg	330	3200	12000	-	-	ND	-	ND	-	-	-	ND	-	-	-	ND	-
Hexachlorobutadiene	87-68-3	8270D	ug/Kg	-	-	-	-	-	ND	-	ND	-	-	-	ND	-	-	-	ND	-
Hexachlorocyclopentadiene	77-47-4	8270D	ug/Kg	-	-	-	-	-	ND	-	ND	-	-	-	ND	-	-	-	ND	-
Hexachloroethane	67-72-1	8270D	ug/Kg	-	-	-	-	-	ND	-	ND	-	-	-	ND	-	-	-	ND	-
Indeno[1,2,3-cd]pyrene	193-39-5	8270D	ug/Kg	500	8200	11000	-	-	1200	-	600	-	-	-	2400	-	-	-	ND	-
Isophorone	78-59-1	8270D	ug/Kg	-	-	-	-	-	ND	-	ND	-	-	-	ND	-	-	-	ND	-
Naphthalene	91-20-3	8270D	ug/Kg	12000	12000	1000000	-	-	910	-	920	-	-	-	ND	-	-	-	ND	-
Nitrobenzene	98-95-3	8270D	ug/Kg	-	-	-	-	-	ND	-	ND	-	-	-	ND	-	-	-	ND	-
N-Nitrosodi-n-propylamine	621-64-7	8270D	ug/Kg	-	-	-	-	-	ND	-	ND	-	-	-	ND	-	-	-	ND	-
N-Nitrosodiphenylamine	86-30-6	8270D	ug/Kg	-	-	-	-	-	ND	-	ND	-	-	-	ND	-	-	-	ND	-
Pentachlorophenol	87-86-5	8270D	ug/Kg	800	800	55000	-	-	ND	-	ND	-	-	-	ND	-	-	-	ND	-
Phenanthrene	85-01-8	8270D	ug/Kg	100000	1000000	1000000	-	-	3200	-	650	-	-	-	24000	-	-	-	ND	-
Phenol	108-95-2	8270D	ug/Kg	330	330	1000000	-	-	ND	-	ND	-	-	-	ND	-	-	-	ND	-
Pyrene	129-00-0	8270D	ug/Kg	100000	1000000	1000000	-	-	8000	-	4400	-	-	-	22000	-	-	-	36	-

NOTES:

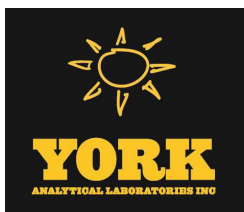
- : No Value

ND : Not Detected above method detection limit

	Unrestricted Use: New York NYCRR Part 375 New York Unrestricted use Criteria Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.
	Protection of Groudwater: New York NYCRR Part 375 Groundwater Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.
	Industrial Use: New York NYCRR Part 375 Industrial use Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

Appendix E

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



Technical Report

prepared for:

Terracon Consultants, Inc.

70 Vantage Point Dr.

Rochester NY, 14624

Attention: Don Pomeroy

Report Date: 07/24/2025

Client Project ID: J2257015, Task 7

York Project (SDG) No.: 25G0751

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



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

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STRATFORD, CT 06615
(203) 325-1371



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

RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 07/24/2025
Client Project ID: J2257015, Task 7
York Project (SDG) No.: 25G0751

Terracon Consultants, Inc.

70 Vantage Point Dr.
Rochester NY, 14624
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 July 10, 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.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
25G0751-01	TS OF-7 EFF	Water	07/10/2025	07/10/2025
25G0751-02	TS OF-7 GAC 2	Water	07/10/2025	07/10/2025
25G0751-03	TS OF-7 GAC 1	Water	07/10/2025	07/10/2025
25G0751-04	TS OF-7 INF 2	Surface Water	07/10/2025	07/10/2025
25G0751-05	TS OF-7 INF 1	Surface Water	07/10/2025	07/10/2025
25G0751-06	TRIP BLANK	Surface Water	07/10/2025	07/10/2025

General Notes for York Project (SDG) No.: 25G0751

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.

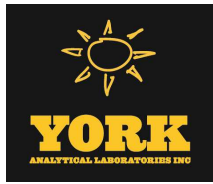
Approved By:



Cassie L. Mosher
Laboratory Manager

Date: 07/24/2025





Sample Information

Client Sample ID: TS OF-7 EFF

York Sample ID: 25G0751-01

York Project (SDG) No.

25G0751

Client Project ID

J2257015, Task 7

Matrix

Water

Collection Date/Time

July 10, 2025 12:40 pm

Date Received

07/10/2025

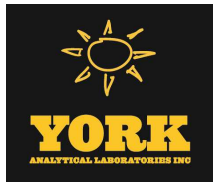
VOA, 8260 LOW MASTER

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: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 13:00	PMB
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 13:00	PMB
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 13:00	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: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 13:00	PMB
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 13:00	PMB
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 13:00	PMB
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 13:00	PMB
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE, QL-02	ug/L	0.222	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/12/2025 10:19	07/12/2025 13:00	PMB
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/12/2025 10:19	07/12/2025 13:00	PMB
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE, QL-02	ug/L	0.138	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/12/2025 10:19	07/12/2025 13:00	PMB
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 13:00	PMB
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 13:00	PMB
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 13:00	PMB
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 13:00	PMB
107-06-2	1,2-Dichloroethane	19.6		ug/L	0.377	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	07/12/2025 10:19	07/12/2025 13:00	PMB
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 13:00	PMB
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 13:00	PMB
541-73-1	1,3-Dichlorobenzene	ND	QL-02	ug/L	0.283	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 13:00	PMB



Sample Information

Client Sample ID: TS OF-7 EFF

York Sample ID: 25G0751-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25G0751

J2257015, Task 7

Water

July 10, 2025 12:40 pm

07/10/2025

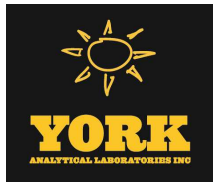
VOA, 8260 LOW MASTER

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
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/12/2025 10:19	07/12/2025 13:00	PMB
106-46-7	1,4-Dichlorobenzene	ND	QL-02	ug/L	0.311	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 13:00	PMB
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/12/2025 10:19	07/12/2025 13:00	PMB
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 13:00	PMB
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 13:00	PMB
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 13:00	PMB
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 13:00	PMB
107-02-8	Acrolein	ND	CCVE	ug/L	0.447	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 13:00	PMB
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 13:00	PMB
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 13:00	PMB
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/12/2025 10:19	07/12/2025 13:00	PMB
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 13:00	PMB
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 13:00	PMB
74-83-9	Bromomethane	ND	CCVE, QL-02	ug/L	0.500	2.00	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 13:00	PMB
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 13:00	PMB
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 13:00	PMB
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 13:00	PMB
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 13:00	PMB
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 13:00	PMB



Sample Information

Client Sample ID: TS OF-7 EFF

York Sample ID: 25G0751-01

York Project (SDG) No.

25G0751

Client Project ID

J2257015, Task 7

Matrix

Water

Collection Date/Time

July 10, 2025 12:40 pm

Date Received

07/10/2025

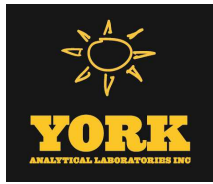
VOA, 8260 LOW MASTER

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
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 13:00	PMB
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 13:00	PMB
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 13:00	PMB
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/12/2025 10:19	07/12/2025 13:00	PMB
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 13:00	PMB
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/12/2025 10:19	07/12/2025 13:00	PMB
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.451	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/12/2025 10:19	07/12/2025 13:00	PMB
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 13:00	PMB
87-68-3	Hexachlorobutadiene	ND	CCVE, QL-02	ug/L	0.241	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/12/2025 10:19	07/12/2025 13:00	PMB
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 13:00	PMB
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/12/2025 10:19	07/12/2025 13:00	PMB
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 13:00	PMB
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/12/2025 10:19	07/12/2025 13:00	PMB
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 13:00	PMB
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/12/2025 10:19	07/12/2025 13:00	PMB
104-51-8	n-Butylbenzene	ND	QL-02	ug/L	0.399	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 13:00	PMB
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 13:00	PMB
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044	07/12/2025 10:19	07/12/2025 13:00	PMB
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044	07/12/2025 10:19	07/12/2025 13:00	PMB



Sample Information

Client Sample ID: TS OF-7 EFF

York Sample ID: 25G0751-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25G0751

J2257015, Task 7

Water

July 10, 2025 12:40 pm

07/10/2025

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
105-05-5	* p-Diethylbenzene	ND	QL-02	ug/L	0.341	0.500	1	EPA 8260D Certifications:	07/12/2025 10:19	07/12/2025 13:00	PMB
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D Certifications:	07/12/2025 10:19	07/12/2025 13:00	PMB
99-87-6	p-Isopropyltoluene	ND	QL-02	ug/L	0.377	0.500	1	EPA 8260D Certifications:	07/12/2025 10:19	07/12/2025 13:00	PMB
135-98-8	sec-Butylbenzene	ND	QL-02	ug/L	0.444	0.500	1	EPA 8260D Certifications:	07/12/2025 10:19	07/12/2025 13:00	PMB
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications:	07/12/2025 10:19	07/12/2025 13:00	PMB
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D Certifications:	07/12/2025 10:19	07/12/2025 13:00	PMB
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications:	07/12/2025 10:19	07/12/2025 13:00	PMB
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D Certifications:	07/12/2025 10:19	07/12/2025 13:00	PMB
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications:	07/12/2025 10:19	07/12/2025 13:00	PMB
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	07/12/2025 10:19	07/12/2025 13:00	PMB
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications:	07/12/2025 10:19	07/12/2025 13:00	PMB
79-01-6	Trichloroethylene	ND	QL-02	ug/L	0.249	0.500	1	EPA 8260D Certifications:	07/12/2025 10:19	07/12/2025 13:00	PMB
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications:	07/12/2025 10:19	07/12/2025 13:00	PMB
75-01-4	Vinyl Chloride	ND	CCVE	ug/L	0.469	0.500	1	EPA 8260D Certifications:	07/12/2025 10:19	07/12/2025 13:00	PMB
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D Certifications:	07/12/2025 10:19	07/12/2025 13:00	PMB
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	101 %	69-130								
2037-26-5	Surrogate: SURRE: Toluene-d8	100 %	81-117								
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	100 %	79-122								

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

120 RESEARCH DRIVE

STRATFORD, CT 06615



132-02 89th AVENUE

RICHMOND HILL, NY 11418

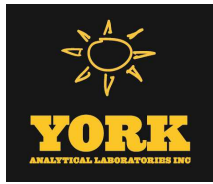
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Sample Information

Client Sample ID: TS OF-7 EFF

York Sample ID: 25G0751-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25G0751

J2257015, Task 7

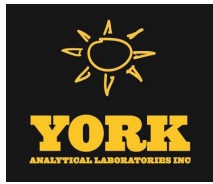
Water

July 10, 2025 12:40 pm

07/10/2025

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	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/16/2025 10:13	07/17/2025 02:19	AK
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/16/2025 10:13	07/17/2025 02:19	AK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/16/2025 10:13	07/17/2025 02:19	AK
95-50-1	1,2-Dichlorobenzene	ND	QL-02	ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,PADEP-68-04440	07/16/2025 10:13	07/17/2025 02:19	AK
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/16/2025 10:13	07/17/2025 02:19	AK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,PADEP-68-04440	07/16/2025 10:13	07/17/2025 02:19	AK
106-46-7	1,4-Dichlorobenzene	ND	QL-02	ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,PADEP-68-04440	07/16/2025 10:13	07/17/2025 02:19	AK
90-12-0	1-Methylnaphthalene	ND	QL-02	ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854	07/16/2025 10:13	07/17/2025 02:19	AK
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/16/2025 10:13	07/17/2025 02:19	AK
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/16/2025 10:13	07/17/2025 02:19	AK
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/16/2025 10:13	07/17/2025 02:19	AK
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/16/2025 10:13	07/17/2025 02:19	AK
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/16/2025 10:13	07/17/2025 02:19	AK
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/16/2025 10:13	07/17/2025 02:19	AK
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/16/2025 10:13	07/17/2025 02:19	AK
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/16/2025 10:13	07/17/2025 02:19	AK
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/16/2025 10:13	07/17/2025 02:19	AK
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/16/2025 10:13	07/17/2025 02:19	AK
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/16/2025 10:13	07/17/2025 02:19	AK



Sample Information

Client Sample ID: TS OF-7 EFF

York Sample ID: 25G0751-01

York Project (SDG) No.

25G0751

Client Project ID

J2257015, Task 7

Matrix

Water

Collection Date/Time

July 10, 2025 12:40 pm

Date Received

07/10/2025

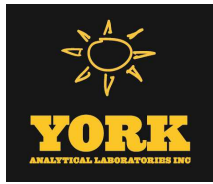
SVOA, 8270 LOW MASTER

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
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/16/2025 10:13	07/17/2025 02:19	AK
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/16/2025 10:13	07/17/2025 02:19	AK
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/16/2025 10:13	07/17/2025 02:19	AK
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/16/2025 10:13	07/17/2025 02:19	AK
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/16/2025 10:13	07/17/2025 02:19	AK
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/16/2025 10:13	07/17/2025 02:19	AK
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/16/2025 10:13	07/17/2025 02:19	AK
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/16/2025 10:13	07/17/2025 02:19	AK
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/16/2025 10:13	07/17/2025 02:19	AK
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/16/2025 10:13	07/17/2025 02:19	AK
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/16/2025 10:13	07/17/2025 02:19	AK
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/16/2025 10:13	07/17/2025 02:19	AK
100-02-7	4-Nitrophenol	ND	QL-02, CCVE	ug/L	5.00	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/16/2025 10:13	07/17/2025 02:19	AK
98-86-2	Acetophenone	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/16/2025 10:13	07/17/2025 02:19	AK
98-55-5	* Alpha Terpineol	ND	CCVE	ug/L	5.00	10.0	1	EPA 8270D Certifications: PADEP-68-04440	07/16/2025 10:13	07/17/2025 02:19	AK
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/16/2025 10:13	07/17/2025 02:19	AK
100-52-7	Benzaldehyde	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/16/2025 10:13	07/17/2025 02:19	AK
92-87-5	Benzidine	ND	CCVE	ug/L	5.00	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/16/2025 10:13	07/17/2025 02:19	AK
65-85-0	Benzoic acid	ND	QL-02	ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/16/2025 10:13	07/17/2025 02:19	AK



Sample Information

Client Sample ID: TS OF-7 EFF

York Sample ID: 25G0751-01

York Project (SDG) No.

25G0751

Client Project ID

J2257015, Task 7

Matrix

Water

Collection Date/Time

July 10, 2025 12:40 pm

Date Received

07/10/2025

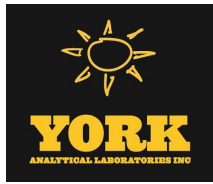
SVOA, 8270 LOW MASTER

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
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/16/2025 10:13	07/17/2025 02:19	AK
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/16/2025 10:13	07/17/2025 02:19	AK
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/16/2025 10:13	07/17/2025 02:19	AK
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/16/2025 10:13	07/17/2025 02:19	AK
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/16/2025 10:13	07/17/2025 02:19	AK
105-60-2	Caprolactam	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/16/2025 10:13	07/17/2025 02:19	AK
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/16/2025 10:13	07/17/2025 02:19	AK
1319-77-3	Cresols, total	ND		ug/L	10.0	15.0	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854	07/16/2025 10:13	07/17/2025 02:19	AK
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/16/2025 10:13	07/17/2025 02:19	AK
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/16/2025 10:13	07/17/2025 02:19	AK
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/16/2025 10:13	07/17/2025 02:19	AK
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/16/2025 10:13	07/17/2025 02:19	AK
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/16/2025 10:13	07/17/2025 02:19	AK
122-39-4	Diphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,PADEP-68-04440	07/16/2025 10:13	07/17/2025 02:19	AK
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/16/2025 10:13	07/17/2025 02:19	AK
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/16/2025 10:13	07/17/2025 02:19	AK
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/16/2025 10:13	07/17/2025 02:19	AK
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/16/2025 10:13	07/17/2025 02:19	AK
82-68-8	* Pentachloronitrobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	07/16/2025 10:13	07/17/2025 02:19	AK



Sample Information

Client Sample ID: TS OF-7 EFF

York Sample ID: 25G0751-01

York Project (SDG) No.

25G0751

Client Project ID

J2257015, Task 7

Matrix

Water

Collection Date/Time

July 10, 2025 12:40 pm

Date Received

07/10/2025

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
108-95-2	Phenol	ND		ug/L	0.750	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/16/2025 10:13	07/17/2025 02:19	AK
2312-35-8	* Propargite	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	07/16/2025 10:13	07/17/2025 02:19	AK
110-86-1	Pyridine	ND	QL-02	ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/16/2025 10:13	07/17/2025 02:19	AK
6025-45-2	* Resorcinol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	07/16/2025 10:13	07/17/2025 02:19	AK
56-38-2	* Parathion	ND		ug/L	1.75	1.75	1	EPA 8270D Certifications: NJDEP-CT005	07/16/2025 10:13	07/17/2025 02:19	AK
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURR: 2-Fluorophenol	20.1 %			19.7-63.1						
13127-88-3	Surrogate: SURR: Phenol-d6	9.06 %	S-08		10.1-41.7						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	28.6 %	S-08		50.2-113						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	40.5 %			39.9-105						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	42.3 %			39.3-151						
1718-51-0	Surrogate: SURR: Terphenyl-d14	52.3 %			30.7-106						

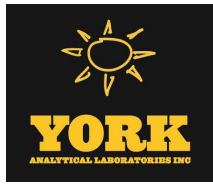
SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/16/2025 10:16	07/17/2025 02:05	AAK
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/16/2025 10:16	07/17/2025 02:05	AAK
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/16/2025 10:16	07/17/2025 02:05	AAK
1912-24-9	Atrazine	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	07/16/2025 10:16	07/17/2025 02:05	AAK
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/16/2025 10:16	07/17/2025 02:05	AAK
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/16/2025 10:16	07/17/2025 02:05	AAK
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/16/2025 10:16	07/17/2025 02:05	AAK
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/16/2025 10:16	07/17/2025 02:05	AAK



Sample Information

Client Sample ID: TS OF-7 EFF

York Sample ID: 25G0751-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25G0751

J2257015, Task 7

Water

July 10, 2025 12:40 pm

07/10/2025

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
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/16/2025 10:16	07/17/2025 02:05	AAK
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	07/16/2025 10:16	07/17/2025 02:05	AAK
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/16/2025 10:16	07/17/2025 02:05	AAK
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/16/2025 10:16	07/17/2025 02:05	AAK
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/16/2025 10:16	07/17/2025 02:05	AAK
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/16/2025 10:16	07/17/2025 02:05	AAK
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	07/16/2025 10:16	07/17/2025 02:05	AAK
87-68-3	Hexachlorobutadiene	ND	QL-02	ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	07/16/2025 10:16	07/17/2025 02:05	AAK
67-72-1	Hexachloroethane	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	07/16/2025 10:16	07/17/2025 02:05	AAK
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/16/2025 10:16	07/17/2025 02:05	AAK
91-20-3	Naphthalene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/16/2025 10:16	07/17/2025 02:05	AAK
98-95-3	Nitrobenzene	ND	CCVE, ICVE	ug/L	0.250	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	07/16/2025 10:16	07/17/2025 02:05	AAK
62-75-9	N-Nitrosodimethylamine	ND	QL-02	ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	07/16/2025 10:16	07/17/2025 02:05	AAK
87-86-5	Pentachlorophenol	ND		ug/L	0.250	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	07/16/2025 10:16	07/17/2025 02:05	AAK
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/16/2025 10:16	07/17/2025 02:05	AAK
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/16/2025 10:16	07/17/2025 02:05	AAK

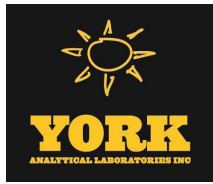
Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

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
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Sample Information

Client Sample ID: TS OF-7 EFF

York Sample ID: 25G0751-01

York Project (SDG) No.

25G0751

Client Project ID

J2257015, Task 7

Matrix

Water

Collection Date/Time

July 10, 2025 12:40 pm

Date Received

07/10/2025

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,NELAC-NY10854	07/15/2025 10:33	07/16/2025 03:32	SS
Surrogate Recoveries		Result		Acceptance Range						
17647-74-4	Surrogate: 1,4-Dioxane-d8	76.0 %		36.6-118						

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	0.716	1.63	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/21/2025 22:45	ESJ
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.331	1.84	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/21/2025 22:45	ESJ
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.643	1.84	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/21/2025 22:45	ESJ
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.817	1.68	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/21/2025 22:45	ESJ
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ng/L	0.725	1.84	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/21/2025 22:45	ESJ
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.698	1.71	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/21/2025 22:45	ESJ
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.909	1.84	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/21/2025 22:45	ESJ
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.523	1.84	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/21/2025 22:45	ESJ
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	0.652	1.84	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/21/2025 22:45	ESJ
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.551	1.84	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/21/2025 22:45	ESJ
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	1.10	1.84	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/21/2025 22:45	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	1.45	1.84	1	EPA 1633A Certifications: NJDEP-NY037	07/13/2025 17:22	07/21/2025 22:45	ESJ
2355-31-9	N-MeFOSAA	ND		ng/L	0.459	1.84	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/21/2025 22:45	ESJ
2991-50-6	N-EtFOSAA	ND		ng/L	0.964	1.84	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/21/2025 22:45	ESJ



Sample Information

Client Sample ID: TS OF-7 EFF

York Sample ID: 25G0751-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25G0751

J2257015, Task 7

Water

July 10, 2025 12:40 pm

07/10/2025

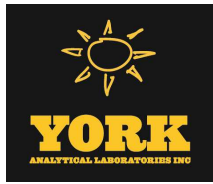
Q P PFAS, EPA 1633a Target List

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
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.817	3.67	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/21/2025 22:45	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.340	1.84	1	EPA 1633A Certifications: NJDEP-NY037	07/13/2025 17:22	07/21/2025 22:45	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.285	1.75	1	EPA 1633A Certifications: NJDEP-NY037	07/13/2025 17:22	07/21/2025 22:45	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	0.569	1.77	1	EPA 1633A Certifications: NJDEP-NY037	07/13/2025 17:22	07/21/2025 22:45	ESJ
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	2.13	6.98	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/21/2025 22:45	ESJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.07	7.05	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/21/2025 22:45	ESJ
375-22-4	Perfluoro-n-butanoic acid (PFBA)	2.41	J	ng/L	1.50	7.35	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/21/2025 22:45	ESJ
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND		ng/L	0.459	3.27	1	EPA 1633A Certifications: NELAC-NY12058	07/13/2025 17:22	07/21/2025 22:45	ESJ
151772-58-6	Perfluoro-3,6-dioxahexanoic acid (NFDHA)	ND		ng/L	2.75	3.67	1	EPA 1633A Certifications: NELAC-NY12058	07/13/2025 17:22	07/21/2025 22:45	ESJ
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.643	3.67	1	EPA 1633A Certifications: NELAC-NY12058	07/13/2025 17:22	07/21/2025 22:45	ESJ
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	1.29	3.67	1	EPA 1633A Certifications: NELAC-NY12058	07/13/2025 17:22	07/21/2025 22:45	ESJ
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.689	1.73	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/21/2025 22:45	ESJ
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	2.59	6.89	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/21/2025 22:45	ESJ
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	2.88	7.35	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/21/2025 22:45	ESJ
763051-92-9	11CL-PF3OUdS	ND		ng/L	2.05	6.94	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/21/2025 22:45	ESJ
756426-58-1	9CL-PF3ONS	ND		ng/L	2.53	6.87	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/21/2025 22:45	ESJ
919005-14-4	ADONA	ND		ng/L	2.73	6.94	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/21/2025 22:45	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.817	1.78	1	EPA 1633A Certifications:	07/13/2025 17:22	07/21/2025 22:45	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND	PF-CCV -L	ng/L	0.689	1.76	1	EPA 1633A Certifications: NJDEP-NY037	07/13/2025 17:22	07/21/2025 22:45	ESJ



Sample Information

Client Sample ID: TS OF-7 EFF

York Sample ID: 25G0751-01

York Project (SDG) No.

25G0751

Client Project ID

J2257015, Task 7

Matrix

Water

Collection Date/Time

July 10, 2025 12:40 pm

Date Received

07/10/2025

Q P PFAS, EPA 1633a Target List

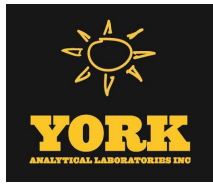
Log-in Notes:

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	2.17	9.18	1	EPA 1633A Certifications:	07/13/2025 17:22	07/21/2025 22:45	ESJ
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ng/L	6.18	45.9	1	EPA 1633A Certifications:	07/13/2025 17:22	07/21/2025 22:45	ESJ
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ng/L	21.2	45.9	1	EPA 1633A Certifications:	07/13/2025 17:22	07/21/2025 22:45	ESJ
24448-09-7	* N-MeFOSE	ND		ng/L	6.52	18.4	1	EPA 1633A Certifications:	07/13/2025 17:22	07/21/2025 22:45	ESJ
31506-32-8	* N-MeFOSA	ND		ng/L	0.652	1.84	1	EPA 1633A Certifications:	07/13/2025 17:22	07/21/2025 22:45	ESJ
1691-99-2	* N-EtFOSE	ND		ng/L	6.69	18.4	1	EPA 1633A Certifications:	07/13/2025 17:22	07/21/2025 22:45	ESJ
4151-50-2	* N-EtFOSA	ND		ng/L	0.964	1.84	1	EPA 1633A Certifications:	07/13/2025 17:22	07/21/2025 22:45	ESJ

Surrogate Recoveries		Result	Acceptance Range
M3PFBS	Surrogate: M3PFBS	83.1 %	40-135
13C4PFHFA	Surrogate: M4PFHpA	85.3 %	40-130
13C3PFHXS	Surrogate: M3PFHxS	78.8 %	40-130
13C8PFOA	Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	83.8 %	40-130
13C6PFDA	Surrogate: M6PFDA	66.7 %	40-130
13C7PFUNA	Surrogate: M7PFUdA	52.3 %	30-130
960315-52-0	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	46.8 %	10-130
13C2PFTEDA	Surrogate: M2PFTeDA	46.9 %	10-130
13C4PFBA	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	85.3 %	5-130
13C8PFOS	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	75.4 %	40-130
13C5PFPEA	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	80.8 %	40-130
13C8FOSA	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	79.2 %	40-130
D3-NMEFOSAA	Surrogate: d3-N-MeFOSAA	64.8 %	40-170
D5-NETFOSAA	Surrogate: d5-N-EtFOSAA	64.7 %	25-135
M2-6:2FTS	Surrogate: M2-6:2 FTS	80.4 %	40-200
M2-8:2FTS	Surrogate: M2-8:2 FTS	58.9 %	40-300
13C9PFNA	Surrogate: M9PFNA	90.5 %	40-130
M2-4:2FTS	Surrogate: M2-4:2 FTS	84.6 %	40-200
936109-37-4	Surrogate: d-N-MeFOSA	56.3 %	10-130
936109-40-9	Surrogate: d-N-EtFOSA	52.4 %	10-130



Sample Information

Client Sample ID: TS OF-7 EFF

York Sample ID: 25G0751-01

York Project (SDG) No.

25G0751

Client Project ID

J2257015, Task 7

Matrix

Water

Collection Date/Time

July 10, 2025 12:40 pm

Date Received

07/10/2025

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	74.8 %			40-130						
D9-NETPFOSAE	Surrogate: d9-N-EtFOSE	67.3 %			10-130						
D7-NMEPFOSAE	Surrogate: d7-N-MeFOSE	66.7 %			10-130						

Sample Information

Client Sample ID: TS OF-7 GAC 2

York Sample ID: 25G0751-02

York Project (SDG) No.

25G0751

Client Project ID

J2257015, Task 7

Matrix

Water

Collection Date/Time

July 10, 2025 12:53 pm

Date Received

07/10/2025

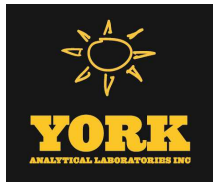
VOA, 8260 LOW MASTER

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: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 13:30	PMB
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 13:30	PMB
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 13:30	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: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 13:30	PMB
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 13:30	PMB
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 13:30	PMB
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 13:30	PMB
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE, QL-02	ug/L	0.222	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/12/2025 10:19	07/12/2025 13:30	PMB
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/12/2025 10:19	07/12/2025 13:30	PMB
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE, QL-02	ug/L	0.138	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/12/2025 10:19	07/12/2025 13:30	PMB
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 13:30	PMB



Sample Information

Client Sample ID: TS OF-7 GAC 2

York Sample ID: 25G0751-02

York Project (SDG) No.

25G0751

Client Project ID

J2257015, Task 7

Matrix

Water

Collection Date/Time

July 10, 2025 12:53 pm

Date Received

07/10/2025

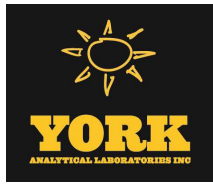
VOA, 8260 LOW MASTER

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
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 13:30	PMB
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 13:30	PMB
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 13:30	PMB
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 13:30	PMB
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 13:30	PMB
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 13:30	PMB
541-73-1	1,3-Dichlorobenzene	ND	QL-02	ug/L	0.283	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 13:30	PMB
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/12/2025 10:19	07/12/2025 13:30	PMB
106-46-7	1,4-Dichlorobenzene	ND	QL-02	ug/L	0.311	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 13:30	PMB
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/12/2025 10:19	07/12/2025 13:30	PMB
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 13:30	PMB
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 13:30	PMB
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 13:30	PMB
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 13:30	PMB
107-02-8	Acrolein	ND	CCVE	ug/L	0.447	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 13:30	PMB
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 13:30	PMB
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 13:30	PMB
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/12/2025 10:19	07/12/2025 13:30	PMB
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 13:30	PMB



Sample Information

Client Sample ID: TS OF-7 GAC 2

York Sample ID: 25G0751-02

York Project (SDG) No.

25G0751

Client Project ID

J2257015, Task 7

Matrix

Water

Collection Date/Time

July 10, 2025 12:53 pm

Date Received

07/10/2025

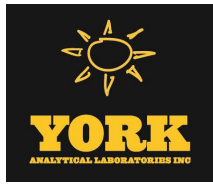
VOA, 8260 LOW MASTER

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
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 13:30	PMB
74-83-9	Bromomethane	ND	CCVE, QL-02	ug/L	0.500	2.00	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 13:30	PMB
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 13:30	PMB
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 13:30	PMB
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 13:30	PMB
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 13:30	PMB
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 13:30	PMB
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 13:30	PMB
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 13:30	PMB
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 13:30	PMB
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/12/2025 10:19	07/12/2025 13:30	PMB
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 13:30	PMB
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/12/2025 10:19	07/12/2025 13:30	PMB
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.451	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/12/2025 10:19	07/12/2025 13:30	PMB
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 13:30	PMB
87-68-3	Hexachlorobutadiene	ND	CCVE, QL-02	ug/L	0.241	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/12/2025 10:19	07/12/2025 13:30	PMB
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 13:30	PMB
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/12/2025 10:19	07/12/2025 13:30	PMB
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 13:30	PMB



Sample Information

Client Sample ID: TS OF-7 GAC 2

York Sample ID: 25G0751-02

York Project (SDG) No.

25G0751

Client Project ID

J2257015, Task 7

Matrix

Water

Collection Date/Time

July 10, 2025 12:53 pm

Date Received

07/10/2025

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
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/12/2025 10:19	07/12/2025 13:30	PMB
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 13:30	PMB
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/12/2025 10:19	07/12/2025 13:30	PMB
104-51-8	n-Butylbenzene	ND	QL-02	ug/L	0.399	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 13:30	PMB
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 13:30	PMB
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044	07/12/2025 10:19	07/12/2025 13:30	PMB
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044	07/12/2025 10:19	07/12/2025 13:30	PMB
105-05-5	* p-Diethylbenzene	ND	QL-02	ug/L	0.341	0.500	1	EPA 8260D Certifications:	07/12/2025 10:19	07/12/2025 13:30	PMB
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D Certifications:	07/12/2025 10:19	07/12/2025 13:30	PMB
99-87-6	p-Isopropyltoluene	ND	QL-02	ug/L	0.377	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 13:30	PMB
135-98-8	sec-Butylbenzene	ND	QL-02	ug/L	0.444	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 13:30	PMB
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 13:30	PMB
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/12/2025 10:19	07/12/2025 13:30	PMB
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 13:30	PMB
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 13:30	PMB
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 13:30	PMB
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 13:30	PMB
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 13:30	PMB
79-01-6	Trichloroethylene	ND	QL-02	ug/L	0.249	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 13:30	PMB



Sample Information

Client Sample ID: TS OF-7 GAC 2

York Sample ID: 25G0751-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25G0751

J2257015, Task 7

Water

July 10, 2025 12:53 pm

07/10/2025

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
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 13:30	PMB
75-01-4	Vinyl Chloride	ND	CCVE	ug/L	0.469	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 13:30	PMB
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	07/12/2025 10:19	07/12/2025 13:30	PMB
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	101 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	99.6 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	101 %	79-122								

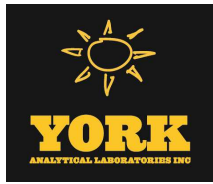
Q P PFAS, EPA 1633a Target List

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	0.705	1.60	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/21/2025 23:01	ESJ
307-24-4	Perfluorohexanoic acid (PFHxA)	10.5		ng/L	0.325	1.81	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/21/2025 23:01	ESJ
375-85-9	Perfluoroheptanoic acid (PFHpA)	2.10		ng/L	0.633	1.81	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/21/2025 23:01	ESJ
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	5.65		ng/L	0.804	1.65	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/21/2025 23:01	ESJ
335-67-1	Perfluorooctanoic acid (PFOA)	4.83		ng/L	0.714	1.81	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/21/2025 23:01	ESJ
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	1.75		ng/L	0.687	1.68	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/21/2025 23:01	ESJ
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.895	1.81	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/21/2025 23:01	ESJ
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.515	1.81	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/21/2025 23:01	ESJ
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	0.642	1.81	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/21/2025 23:01	ESJ
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.542	1.81	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/21/2025 23:01	ESJ
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	1.08	1.81	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/21/2025 23:01	ESJ



Sample Information

Client Sample ID: TS OF-7 GAC 2

York Sample ID: 25G0751-02

York Project (SDG) No.

25G0751

Client Project ID

J2257015, Task 7

Matrix

Water

Collection Date/Time

July 10, 2025 12:53 pm

Date Received

07/10/2025

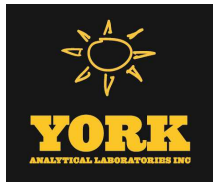
Q P PFAS, EPA 1633a Target List

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	1.43	1.81	1	EPA 1633A Certifications: NJDEP-NY037	07/13/2025 17:22	07/21/2025 23:01	ESJ
2355-31-9	N-MeFOSAA	ND		ng/L	0.452	1.81	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/21/2025 23:01	ESJ
2991-50-6	N-EtFOSAA	ND		ng/L	0.949	1.81	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/21/2025 23:01	ESJ
2706-90-3	Perfluoropentanoic acid (PFPeA)	37.0		ng/L	0.804	3.62	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/21/2025 23:01	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.334	1.81	1	EPA 1633A Certifications: NJDEP-NY037	07/13/2025 17:22	07/21/2025 23:01	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.280	1.73	1	EPA 1633A Certifications: NJDEP-NY037	07/13/2025 17:22	07/21/2025 23:01	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	0.560	1.74	1	EPA 1633A Certifications: NJDEP-NY037	07/13/2025 17:22	07/21/2025 23:01	ESJ
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	2.10	6.87	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/21/2025 23:01	ESJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.03	6.94	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/21/2025 23:01	ESJ
375-22-4	Perfluoro-n-butanoic acid (PFBA)	40.5		ng/L	1.47	7.23	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/21/2025 23:01	ESJ
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND		ng/L	0.452	3.22	1	EPA 1633A Certifications: NELAC-NY12058	07/13/2025 17:22	07/21/2025 23:01	ESJ
151772-58-6	Perfluoro-3,6-dioxahexanoic acid (NFDHA)	ND		ng/L	2.71	3.62	1	EPA 1633A Certifications: NELAC-NY12058	07/13/2025 17:22	07/21/2025 23:01	ESJ
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.633	3.62	1	EPA 1633A Certifications: NELAC-NY12058	07/13/2025 17:22	07/21/2025 23:01	ESJ
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	1.27	3.62	1	EPA 1633A Certifications: NELAC-NY12058	07/13/2025 17:22	07/21/2025 23:01	ESJ
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.678	1.70	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/21/2025 23:01	ESJ
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	2.55	6.78	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/21/2025 23:01	ESJ
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	2.84	7.23	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/21/2025 23:01	ESJ
763051-92-9	11CL-PF3OUdS	ND		ng/L	2.02	6.83	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/21/2025 23:01	ESJ
756426-58-1	9CL-PF3ONS	ND		ng/L	2.49	6.76	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/21/2025 23:01	ESJ



Sample Information

Client Sample ID: TS OF-7 GAC 2

York Sample ID: 25G0751-02

York Project (SDG) No.

25G0751

Client Project ID

J2257015, Task 7

Matrix

Water

Collection Date/Time

July 10, 2025 12:53 pm

Date Received

07/10/2025

Q P PFAS, EPA 1633a Target List

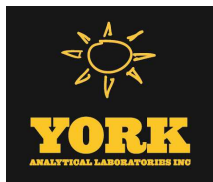
Log-in Notes:

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	2.68	6.83	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/21/2025 23:01	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.804	1.75	1	EPA 1633A Certifications:	07/13/2025 17:22	07/21/2025 23:01	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND	PF-CCV -L	ng/L	0.678	1.74	1	EPA 1633A Certifications: NJDEP-NY037	07/13/2025 17:22	07/21/2025 23:01	ESJ
356-02-5	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ng/L	2.13	9.04	1	EPA 1633A Certifications:	07/13/2025 17:22	07/21/2025 23:01	ESJ
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ng/L	6.08	45.2	1	EPA 1633A Certifications:	07/13/2025 17:22	07/21/2025 23:01	ESJ
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ng/L	20.9	45.2	1	EPA 1633A Certifications:	07/13/2025 17:22	07/21/2025 23:01	ESJ
24448-09-7	* N-MeFOSE	ND		ng/L	6.42	18.1	1	EPA 1633A Certifications:	07/13/2025 17:22	07/21/2025 23:01	ESJ
31506-32-8	* N-MeFOSA	ND		ng/L	0.642	1.81	1	EPA 1633A Certifications:	07/13/2025 17:22	07/21/2025 23:01	ESJ
1691-99-2	* N-EtFOSE	ND		ng/L	6.58	18.1	1	EPA 1633A Certifications:	07/13/2025 17:22	07/21/2025 23:01	ESJ
4151-50-2	* N-EtFOSA	ND		ng/L	0.949	1.81	1	EPA 1633A Certifications:	07/13/2025 17:22	07/21/2025 23:01	ESJ

Surrogate Recoveries		Result	Acceptance Range
M3PFBS	Surrogate: M3PFBS	80.0 %	40-135
13C4PFHPA	Surrogate: M4PFHpA	103 %	40-130
13C3PFHXS	Surrogate: M3PFHxS	73.5 %	40-130
13C8PFOA	Surrogate: Perfluoro-n- [13C8]octanoic acid (M8PFOA)	81.1 %	40-130
13C6PFDA	Surrogate: M6PFDA	68.6 %	40-130
13C7PFUNA	Surrogate: M7PFUdA	58.3 %	30-130
960315-52-0	Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)	52.6 %	10-130
13C2PFTEDA	Surrogate: M2PFTeDA	44.9 %	10-130
13C4PFBA	Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	80.7 %	5-130
13C8PFOS	Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	60.9 %	40-130
13C5PFPEA	Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	85.9 %	40-130
13C8FOSA	Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	66.4 %	40-130
D3-NMEFOSAA	Surrogate: d3-N-MeFOSAA	55.8 %	40-170
D5-NETFOSAA	Surrogate: d5-N-EtFOSAA	54.3 %	25-135



Sample Information

Client Sample ID: TS OF-7 GAC 2

York Sample ID: 25G0751-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25G0751

J2257015, Task 7

Water

July 10, 2025 12:53 pm

07/10/2025

Q P PFAS, EPA 1633a Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
M2-6:2FTS	Surrogate: M2-6:2 FTS	76.5 %			40-200						
M2-8:2FTS	Surrogate: M2-8:2 FTS	63.5 %			40-300						
13C9PFNA	Surrogate: M9PFNA	80.9 %			40-130						
M2-4:2FTS	Surrogate: M2-4:2 FTS	89.8 %			40-200						
936109-37-4	Surrogate: d-N-MeFOSA	45.5 %			10-130						
936109-40-9	Surrogate: d-N-EtFOSA	47.3 %			10-130						
M3HFPO-DA	Surrogate: M3HFPO-DA	79.1 %			40-130						
D9-NETPFOSAE	Surrogate: d9-N-EtFOSE	54.2 %			10-130						
D7-NMEPFOSAE	Surrogate: d7-N-MeFOSE	52.7 %			10-130						

Sample Information

Client Sample ID: TS OF-7 GAC 1

York Sample ID: 25G0751-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25G0751

J2257015, Task 7

Water

July 10, 2025 1:04 pm

07/10/2025

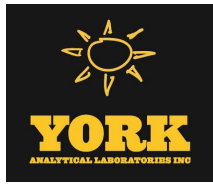
VOA, 8260 LOW MASTER

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: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 14:00	PMB
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 14:00	PMB
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 14:00	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: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 14:00	PMB
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 14:00	PMB
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 14:00	PMB
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 14:00	PMB
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE, QL-02	ug/L	0.222	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/12/2025 10:19	07/12/2025 14:00	PMB



Sample Information

Client Sample ID: TS OF-7 GAC 1

York Sample ID: 25G0751-03

York Project (SDG) No.

25G0751

Client Project ID

J2257015, Task 7

Matrix

Water

Collection Date/Time

July 10, 2025 1:04 pm

Date Received

07/10/2025

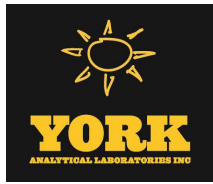
VOA, 8260 LOW MASTER

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
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/12/2025 10:19	07/12/2025 14:00	PMB
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE, QL-02	ug/L	0.138	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/12/2025 10:19	07/12/2025 14:00	PMB
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 14:00	PMB
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 14:00	PMB
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 14:00	PMB
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 14:00	PMB
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 14:00	PMB
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 14:00	PMB
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 14:00	PMB
541-73-1	1,3-Dichlorobenzene	ND	QL-02	ug/L	0.283	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 14:00	PMB
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/12/2025 10:19	07/12/2025 14:00	PMB
106-46-7	1,4-Dichlorobenzene	ND	QL-02	ug/L	0.311	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 14:00	PMB
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/12/2025 10:19	07/12/2025 14:00	PMB
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 14:00	PMB
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 14:00	PMB
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 14:00	PMB
67-64-1	Acetone	1.41	J	ug/L	1.34	2.00	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	07/12/2025 10:19	07/12/2025 14:00	PMB
107-02-8	Acrolein	ND	CCVE	ug/L	0.447	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 14:00	PMB
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 14:00	PMB



Sample Information

Client Sample ID: TS OF-7 GAC 1

York Sample ID: 25G0751-03

York Project (SDG) No.

25G0751

Client Project ID

J2257015, Task 7

Matrix

Water

Collection Date/Time

July 10, 2025 1:04 pm

Date Received

07/10/2025

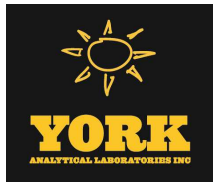
VOA, 8260 LOW MASTER

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: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 14:00	PMB
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/12/2025 10:19	07/12/2025 14:00	PMB
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 14:00	PMB
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 14:00	PMB
74-83-9	Bromomethane	ND	CCVE, QL-02	ug/L	0.500	2.00	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 14:00	PMB
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 14:00	PMB
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 14:00	PMB
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 14:00	PMB
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 14:00	PMB
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 14:00	PMB
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 14:00	PMB
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 14:00	PMB
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 14:00	PMB
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/12/2025 10:19	07/12/2025 14:00	PMB
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 14:00	PMB
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/12/2025 10:19	07/12/2025 14:00	PMB
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.451	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/12/2025 10:19	07/12/2025 14:00	PMB
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 14:00	PMB
87-68-3	Hexachlorobutadiene	ND	CCVE, QL-02	ug/L	0.241	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/12/2025 10:19	07/12/2025 14:00	PMB



Sample Information

Client Sample ID: TS OF-7 GAC 1

York Sample ID: 25G0751-03

York Project (SDG) No.

25G0751

Client Project ID

J2257015, Task 7

Matrix

Water

Collection Date/Time

July 10, 2025 1:04 pm

Date Received

07/10/2025

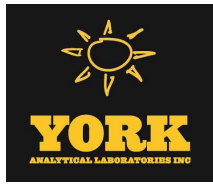
VOA, 8260 LOW MASTER

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
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 14:00	PMB
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/12/2025 10:19	07/12/2025 14:00	PMB
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 14:00	PMB
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/12/2025 10:19	07/12/2025 14:00	PMB
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 14:00	PMB
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/12/2025 10:19	07/12/2025 14:00	PMB
104-51-8	n-Butylbenzene	ND	QL-02	ug/L	0.399	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 14:00	PMB
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 14:00	PMB
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044	07/12/2025 10:19	07/12/2025 14:00	PMB
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044	07/12/2025 10:19	07/12/2025 14:00	PMB
105-05-5	* p-Diethylbenzene	ND	QL-02	ug/L	0.341	0.500	1	EPA 8260D Certifications:	07/12/2025 10:19	07/12/2025 14:00	PMB
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D Certifications:	07/12/2025 10:19	07/12/2025 14:00	PMB
99-87-6	p-Isopropyltoluene	ND	QL-02	ug/L	0.377	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 14:00	PMB
135-98-8	sec-Butylbenzene	ND	QL-02	ug/L	0.444	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 14:00	PMB
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 14:00	PMB
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/12/2025 10:19	07/12/2025 14:00	PMB
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 14:00	PMB
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 14:00	PMB
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 14:00	PMB



Sample Information

Client Sample ID: TS OF-7 GAC 1

York Sample ID: 25G0751-03

York Project (SDG) No.

25G0751

Client Project ID

J2257015, Task 7

Matrix

Water

Collection Date/Time

July 10, 2025 1:04 pm

Date Received

07/10/2025

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
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 14:00	PMB
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 14:00	PMB
79-01-6	Trichloroethylene	ND	QL-02	ug/L	0.249	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 14:00	PMB
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 14:00	PMB
75-01-4	Vinyl Chloride	ND	CCVE	ug/L	0.469	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 14:00	PMB
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	07/12/2025 10:19	07/12/2025 14:00	PMB
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	102 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	99.6 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	100 %	79-122								

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)	10.9		ng/L	0.714	1.62	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/21/2025 23:16	ESJ
307-24-4	Perfluorohexanoic acid (PFHxA)	72.7		ng/L	0.330	1.83	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/21/2025 23:16	ESJ
375-85-9	Perfluoroheptanoic acid (PFHpA)	29.1		ng/L	0.641	1.83	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/21/2025 23:16	ESJ
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	117		ng/L	0.815	1.68	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/21/2025 23:16	ESJ
335-67-1	Perfluorooctanoic acid (PFOA)	83.2		ng/L	0.723	1.83	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/21/2025 23:16	ESJ
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	245		ng/L	0.696	1.70	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/21/2025 23:16	ESJ
375-95-1	Perfluorononanoic acid (PFNA)	19.4		ng/L	0.906	1.83	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/21/2025 23:16	ESJ
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.522	1.83	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/21/2025 23:16	ESJ
2058-94-8	Perfluoroundecanoic acid (PFUnA)	1.57	J	ng/L	0.650	1.83	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/21/2025 23:16	ESJ



Sample Information

Client Sample ID: TS OF-7 GAC 1

York Sample ID: 25G0751-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25G0751

J2257015, Task 7

Water

July 10, 2025 1:04 pm

07/10/2025

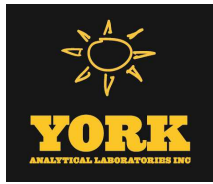
Q P PFAS, EPA 1633a Target List

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	0.549	1.83	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/21/2025 23:16	ESJ
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	1.10	1.83	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/21/2025 23:16	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	1.45	1.83	1	EPA 1633A Certifications: NJDEP-NY037	07/13/2025 17:22	07/21/2025 23:16	ESJ
2355-31-9	N-MeFOSAA	ND		ng/L	0.458	1.83	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/21/2025 23:16	ESJ
2991-50-6	N-EtFOSAA	ND		ng/L	0.961	1.83	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/21/2025 23:16	ESJ
2706-90-3	Perfluoropentanoic acid (PFPeA)	169		ng/L	0.815	3.66	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/21/2025 23:16	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	0.353	J	ng/L	0.339	1.83	1	EPA 1633A Certifications: NJDEP-NY037	07/13/2025 17:22	07/21/2025 23:16	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	5.58		ng/L	0.284	1.75	1	EPA 1633A Certifications: NJDEP-NY037	07/13/2025 17:22	07/21/2025 23:16	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	0.568	1.77	1	EPA 1633A Certifications: NJDEP-NY037	07/13/2025 17:22	07/21/2025 23:16	ESJ
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	32.9		ng/L	2.12	6.96	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/21/2025 23:16	ESJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.06	7.03	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/21/2025 23:16	ESJ
375-22-4	Perfluoro-n-butanoic acid (PFBA)	92.8		ng/L	1.49	7.32	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/21/2025 23:16	ESJ
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND		ng/L	0.458	3.26	1	EPA 1633A Certifications: NELAC-NY12058	07/13/2025 17:22	07/21/2025 23:16	ESJ
151772-58-6	Perfluoro-3,6-dioxahexanoic acid (NFDHA)	ND		ng/L	2.75	3.66	1	EPA 1633A Certifications: NELAC-NY12058	07/13/2025 17:22	07/21/2025 23:16	ESJ
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.641	3.66	1	EPA 1633A Certifications: NELAC-NY12058	07/13/2025 17:22	07/21/2025 23:16	ESJ
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	1.28	3.66	1	EPA 1633A Certifications: NELAC-NY12058	07/13/2025 17:22	07/21/2025 23:16	ESJ
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	12.9		ng/L	0.687	1.72	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/21/2025 23:16	ESJ
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	2.58	6.87	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/21/2025 23:16	ESJ
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	2.87	7.32	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/21/2025 23:16	ESJ



Sample Information

Client Sample ID: TS OF-7 GAC 1

York Sample ID: 25G0751-03

York Project (SDG) No.

25G0751

Client Project ID

J2257015, Task 7

Matrix

Water

Collection Date/Time

July 10, 2025 1:04 pm

Date Received

07/10/2025

Q P PFAS, EPA 1633a Target List

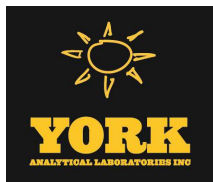
Log-in Notes:

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	2.04	6.92	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/21/2025 23:16	ESJ
756426-58-1	9CL-PF3ONS	ND		ng/L	2.52	6.85	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/21/2025 23:16	ESJ
919005-14-4	ADONA	ND		ng/L	2.72	6.92	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/21/2025 23:16	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.815	1.78	1	EPA 1633A Certifications:	07/13/2025 17:22	07/21/2025 23:16	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND	PF-CCV -L	ng/L	0.687	1.76	1	EPA 1633A Certifications: NJDEP-NY037	07/13/2025 17:22	07/21/2025 23:16	ESJ
356-02-5	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ng/L	2.16	9.16	1	EPA 1633A Certifications:	07/13/2025 17:22	07/21/2025 23:16	ESJ
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ng/L	6.16	45.8	1	EPA 1633A Certifications:	07/13/2025 17:22	07/21/2025 23:16	ESJ
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ng/L	21.1	45.8	1	EPA 1633A Certifications:	07/13/2025 17:22	07/21/2025 23:16	ESJ
24448-09-7	* N-MeFOSE	ND		ng/L	6.50	18.3	1	EPA 1633A Certifications:	07/13/2025 17:22	07/21/2025 23:16	ESJ
31506-32-8	* N-MeFOSA	ND		ng/L	0.650	1.83	1	EPA 1633A Certifications:	07/13/2025 17:22	07/21/2025 23:16	ESJ
1691-99-2	* N-EtFOSE	ND		ng/L	6.67	18.3	1	EPA 1633A Certifications:	07/13/2025 17:22	07/21/2025 23:16	ESJ
4151-50-2	* N-EtFOSA	ND		ng/L	0.961	1.83	1	EPA 1633A Certifications:	07/13/2025 17:22	07/21/2025 23:16	ESJ

Surrogate Recoveries		Result	Acceptance Range
M3PFBS	Surrogate: M3PFBS	94.5 %	40-135
13C4PFHPA	Surrogate: M4PFHpA	101 %	40-130
13C3PFHXS	Surrogate: M3PFHxS	95.0 %	40-130
13C8PFOA	Surrogate: Perfluoro-n- [13C8]octanoic acid (M8PFOA)	88.1 %	40-130
13C6PFDA	Surrogate: M6PFDA	80.0 %	40-130
13C7PFUNA	Surrogate: M7PFUdA	73.2 %	30-130
960315-52-0	Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)	58.2 %	10-130
13C2PFTEDA	Surrogate: M2PFTeDA	45.8 %	10-130
13C4PFBA	Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	90.3 %	5-130
13C8PFOS	Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	91.1 %	40-130



Sample Information

Client Sample ID: TS OF-7 GAC 1

York Sample ID: 25G0751-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25G0751

J2257015, Task 7

Water

July 10, 2025 1:04 pm

07/10/2025

Q P PFAS, EPA 1633a Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C5PFPEA	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	91.5 %			40-130						
13C8FOSA	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	93.5 %			40-130						
D3-NMEFOSAA	Surrogate: d3-N-MeFOSAA	79.1 %			40-170						
D5-NETFOSAA	Surrogate: d5-N-EtFOSAA	77.5 %			25-135						
M2-6:2FTS	Surrogate: M2-6:2 FTS	95.3 %			40-200						
M2-8:2FTS	Surrogate: M2-8:2 FTS	82.6 %			40-300						
13C9PFNA	Surrogate: M9PFNA	93.7 %			40-130						
M2-4:2FTS	Surrogate: M2-4:2 FTS	118 %			40-200						
936109-37-4	Surrogate: d-N-MeFOSA	61.2 %			10-130						
936109-40-9	Surrogate: d-N-EtFOSA	57.8 %			10-130						
M3HFPO-DA	Surrogate: M3HFPO-DA	80.1 %			40-130						
D9-NETPFOSAE	Surrogate: d9-N-EtFOSE	69.6 %			10-130						
D7-NMEPFOSAE	Surrogate: d7-N-MeFOSE	71.0 %			10-130						

Sample Information

Client Sample ID: TS OF-7 INF 2

York Sample ID: 25G0751-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25G0751

J2257015, Task 7

Surface Water

July 10, 2025 1:15 pm

07/10/2025

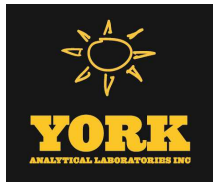
VOA, 8260 LOW MASTER

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:	07/12/2025 10:19	07/12/2025 14:30	PMB
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D Certifications:	07/12/2025 10:19	07/12/2025 14:30	PMB
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D Certifications:	07/12/2025 10:19	07/12/2025 14:30	PMB
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D Certifications:	07/12/2025 10:19	07/12/2025 14:30	PMB
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	07/12/2025 10:19	07/12/2025 14:30	PMB
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D Certifications:	07/12/2025 10:19	07/12/2025 14:30	PMB
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			



Sample Information

Client Sample ID: TS OF-7 INF 2

York Sample ID: 25G0751-04

York Project (SDG) No.

25G0751

Client Project ID

J2257015, Task 7

Matrix

Surface Water

Collection Date/Time

July 10, 2025 1:15 pm

Date Received

07/10/2025

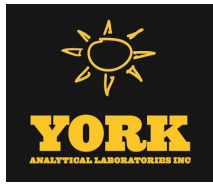
VOA, 8260 LOW MASTER

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
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 14:30	PMB
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE, QL-02	ug/L	0.222	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/12/2025 10:19	07/12/2025 14:30	PMB
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/12/2025 10:19	07/12/2025 14:30	PMB
120-82-1	1,2,4-Trichlorobenzene	ND	QL-02, CCVE	ug/L	0.138	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/12/2025 10:19	07/12/2025 14:30	PMB
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 14:30	PMB
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 14:30	PMB
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 14:30	PMB
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 14:30	PMB
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 14:30	PMB
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 14:30	PMB
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 14:30	PMB
541-73-1	1,3-Dichlorobenzene	ND	QL-02	ug/L	0.283	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 14:30	PMB
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/12/2025 10:19	07/12/2025 14:30	PMB
106-46-7	1,4-Dichlorobenzene	ND	QL-02	ug/L	0.311	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 14:30	PMB
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/12/2025 10:19	07/12/2025 14:30	PMB
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 14:30	PMB
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 14:30	PMB
108-10-1	4-Methyl-2-pentanone	0.480	J	ug/L	0.365	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	07/12/2025 10:19	07/12/2025 14:30	PMB
67-64-1	Acetone	2.19	CCVE	ug/L	1.34	2.00	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	07/12/2025 10:19	07/12/2025 14:30	PMB



Sample Information

Client Sample ID: TS OF-7 INF 2

York Sample ID: 25G0751-04

York Project (SDG) No.

25G0751

Client Project ID

J2257015, Task 7

Matrix

Surface Water

Collection Date/Time

July 10, 2025 1:15 pm

Date Received

07/10/2025

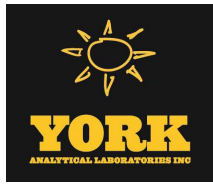
VOA, 8260 LOW MASTER

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
107-02-8	Acrolein	ND	CCVE	ug/L	0.447	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 14:30	PMB
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 14:30	PMB
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 14:30	PMB
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/12/2025 10:19	07/12/2025 14:30	PMB
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 14:30	PMB
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 14:30	PMB
74-83-9	Bromomethane	ND	CCVE, QL-02	ug/L	0.500	2.00	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 14:30	PMB
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 14:30	PMB
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 14:30	PMB
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 14:30	PMB
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 14:30	PMB
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 14:30	PMB
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 14:30	PMB
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 14:30	PMB
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 14:30	PMB
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/12/2025 10:19	07/12/2025 14:30	PMB
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 14:30	PMB
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/12/2025 10:19	07/12/2025 14:30	PMB
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.451	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/12/2025 10:19	07/12/2025 14:30	PMB



Sample Information

Client Sample ID: TS OF-7 INF 2

York Sample ID: 25G0751-04

York Project (SDG) No.

25G0751

Client Project ID

J2257015, Task 7

Matrix

Surface Water

Collection Date/Time

July 10, 2025 1:15 pm

Date Received

07/10/2025

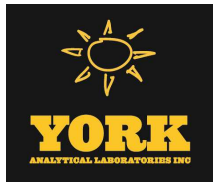
VOA, 8260 LOW MASTER

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
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 14:30	PMB
87-68-3	Hexachlorobutadiene	ND	CCVE, QL-02	ug/L	0.241	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/12/2025 10:19	07/12/2025 14:30	PMB
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 14:30	PMB
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/12/2025 10:19	07/12/2025 14:30	PMB
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 14:30	PMB
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/12/2025 10:19	07/12/2025 14:30	PMB
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 14:30	PMB
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/12/2025 10:19	07/12/2025 14:30	PMB
104-51-8	n-Butylbenzene	ND	QL-02	ug/L	0.399	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 14:30	PMB
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 14:30	PMB
95-47-6	o-Xylene	0.530		ug/L	0.261	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04	07/12/2025 10:19	07/12/2025 14:30	PMB
179601-23-1	p- & m- Xylenes	0.810	J	ug/L	0.578	1.00	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04	07/12/2025 10:19	07/12/2025 14:30	PMB
105-05-5	* p-Diethylbenzene	ND	QL-02	ug/L	0.341	0.500	1	EPA 8260D Certifications:	07/12/2025 10:19	07/12/2025 14:30	PMB
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D Certifications:	07/12/2025 10:19	07/12/2025 14:30	PMB
99-87-6	p-Isopropyltoluene	ND	QL-02	ug/L	0.377	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 14:30	PMB
135-98-8	sec-Butylbenzene	ND	QL-02	ug/L	0.444	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 14:30	PMB
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 14:30	PMB
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/12/2025 10:19	07/12/2025 14:30	PMB
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 14:30	PMB



Sample Information

Client Sample ID: TS OF-7 INF 2

York Sample ID: 25G0751-04

York Project (SDG) No.

25G0751

Client Project ID

J2257015, Task 7

Matrix

Surface Water

Collection Date/Time

July 10, 2025 1:15 pm

Date Received

07/10/2025

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
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 14:30	PMB
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 14:30	PMB
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 14:30	PMB
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 14:30	PMB
79-01-6	Trichloroethylene	ND	QL-02	ug/L	0.249	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 14:30	PMB
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 14:30	PMB
75-01-4	Vinyl Chloride	ND	CCVE	ug/L	0.469	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 14:30	PMB
1330-20-7	Xylenes, Total	1.34	J	ug/L	0.839	1.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	07/12/2025 10:19	07/12/2025 14:30	PMB
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	102 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	99.9 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	100 %	79-122								

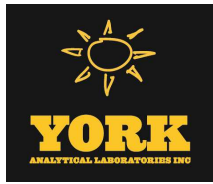
Q P PFAS, EPA 1633a Target List

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	0.726	1.65	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/21/2025 23:31	ESJ
307-24-4	Perfluorohexanoic acid (PFHxA)	3.51		ng/L	0.335	1.86	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/21/2025 23:31	ESJ
375-85-9	Perfluoroheptanoic acid (PFHpA)	151		ng/L	0.651	1.86	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/21/2025 23:31	ESJ
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	860		ng/L	8.28	17.0	10	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/24/2025 09:19	AM
335-67-1	Perfluorooctanoic acid (PFOA)	564		ng/L	0.735	1.86	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/21/2025 23:31	ESJ
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	1680		ng/L	7.07	17.3	10	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/24/2025 09:19	AM



Sample Information

Client Sample ID: TS OF-7 INF 2

York Sample ID: 25G0751-04

York Project (SDG) No.

25G0751

Client Project ID

J2257015, Task 7

Matrix

Surface Water

Collection Date/Time

July 10, 2025 1:15 pm

Date Received

07/10/2025

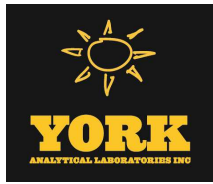
Q P PFAS, EPA 1633a Target List

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)	174		ng/L	0.921	1.86	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/21/2025 23:31	ESJ
335-76-2	Perfluorodecanoic acid (PFDA)	14.0		ng/L	0.530	1.86	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/21/2025 23:31	ESJ
2058-94-8	Perfluoroundecanoic acid (PFUnA)	43.1		ng/L	0.661	1.86	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/21/2025 23:31	ESJ
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.558	1.86	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/21/2025 23:31	ESJ
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	1.12	1.86	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/21/2025 23:31	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	1.47	1.86	1	EPA 1633A Certifications: NJDEP-NY037	07/13/2025 17:22	07/21/2025 23:31	ESJ
2355-31-9	N-MeFOSAA	ND		ng/L	0.465	1.86	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/21/2025 23:31	ESJ
2991-50-6	N-EtFOSAA	ND		ng/L	0.977	1.86	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/21/2025 23:31	ESJ
2706-90-3	Perfluoropentanoic acid (PFPeA)	387		ng/L	0.828	3.72	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/21/2025 23:31	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	8.65		ng/L	0.344	1.86	1	EPA 1633A Certifications: NJDEP-NY037	07/13/2025 17:22	07/21/2025 23:31	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	57.2		ng/L	0.288	1.78	1	EPA 1633A Certifications: NJDEP-NY037	07/13/2025 17:22	07/21/2025 23:31	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	0.577	1.80	1	EPA 1633A Certifications: NJDEP-NY037	07/13/2025 17:22	07/21/2025 23:31	ESJ
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	226		ng/L	2.16	7.07	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/21/2025 23:31	ESJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	34.1		ng/L	2.09	7.15	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/21/2025 23:31	ESJ
375-22-4	Perfluoro-n-butanoic acid (PFBA)	97.4		ng/L	1.52	7.44	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/21/2025 23:31	ESJ
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND		ng/L	0.465	3.31	1	EPA 1633A Certifications: NELAC-NY12058	07/13/2025 17:22	07/21/2025 23:31	ESJ
151772-58-6	Perfluoro-3,6-dioxahexanoic acid (NFDHA)	ND		ng/L	2.79	3.72	1	EPA 1633A Certifications: NELAC-NY12058	07/13/2025 17:22	07/21/2025 23:31	ESJ
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.651	3.72	1	EPA 1633A Certifications: NELAC-NY12058	07/13/2025 17:22	07/21/2025 23:31	ESJ
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	1.30	3.72	1	EPA 1633A Certifications: NELAC-NY12058	07/13/2025 17:22	07/21/2025 23:31	ESJ
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	79.5		ng/L	0.698	1.75	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/21/2025 23:31	ESJ



Sample Information

Client Sample ID: TS OF-7 INF 2

York Sample ID: 25G0751-04

York Project (SDG) No.

25G0751

Client Project ID

J2257015, Task 7

Matrix

Surface Water

Collection Date/Time

July 10, 2025 1:15 pm

Date Received

07/10/2025

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		ng/L	2.62	6.98	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/21/2025 23:31	ESJ
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	2.92	7.44	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/21/2025 23:31	ESJ
763051-92-9	11CL-PF3OUdS	ND		ng/L	2.08	7.04	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/21/2025 23:31	ESJ
756426-58-1	9CL-PF3ONS	ND		ng/L	2.56	6.96	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/21/2025 23:31	ESJ
919005-14-4	ADONA	ND		ng/L	2.76	7.04	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/21/2025 23:31	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.828	1.81	1	EPA 1633A Certifications:	07/13/2025 17:22	07/21/2025 23:31	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND	PF-CCV -L	ng/L	0.698	1.79	1	EPA 1633A Certifications: NJDEP-NY037	07/13/2025 17:22	07/21/2025 23:31	ESJ
356-02-5	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ng/L	2.20	9.31	1	EPA 1633A Certifications:	07/13/2025 17:22	07/21/2025 23:31	ESJ
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ng/L	6.26	46.5	1	EPA 1633A Certifications:	07/13/2025 17:22	07/21/2025 23:31	ESJ
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ng/L	21.5	46.5	1	EPA 1633A Certifications:	07/13/2025 17:22	07/21/2025 23:31	ESJ
24448-09-7	* N-MeFOSE	ND		ng/L	6.61	18.6	1	EPA 1633A Certifications:	07/13/2025 17:22	07/21/2025 23:31	ESJ
31506-32-8	* N-MeFOSA	ND		ng/L	0.661	1.86	1	EPA 1633A Certifications:	07/13/2025 17:22	07/21/2025 23:31	ESJ
1691-99-2	* N-EtFOSE	ND		ng/L	6.77	18.6	1	EPA 1633A Certifications:	07/13/2025 17:22	07/21/2025 23:31	ESJ
4151-50-2	* N-EtFOSA	ND		ng/L	0.977	1.86	1	EPA 1633A Certifications:	07/13/2025 17:22	07/21/2025 23:31	ESJ

Surrogate Recoveries		Result	Acceptance Range	
M3PFBS	Surrogate: M3PFBS	108 %	40-135	
M3PFBS	Surrogate: M3PFBS	100 %	40-135	
13C4PFHPA	Surrogate: M4PFHpA	136 %	PFSu-H	40-130
13C4PFHPA	Surrogate: M4PFHpA	97.0 %		40-130
13C3PFHXS	Surrogate: M3PFHxS	102 %		40-130
13C3PFHXS	Surrogate: M3PFHxS	97.3 %		40-130
13C8PFOA	Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	100 %		40-130
13C8PFOA	Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	91.8 %		40-130



Sample Information

Client Sample ID: TS OF-7 INF 2

York Sample ID: 25G0751-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25G0751

J2257015, Task 7

Surface Water

July 10, 2025 1:15 pm

07/10/2025

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	89.5 %			40-130						
13C6PFDA	Surrogate: M6PFDA	75.9 %			40-130						
13C7PFUNA	Surrogate: M7PFUdA	70.2 %			30-130						
13C7PFUNA	Surrogate: M7PFUdA	67.8 %			30-130						
960315-52-0	Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)	50.9 %			10-130						
960315-52-0	Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)	53.8 %			10-130						
13C2PFTEDA	Surrogate: M2PFTeDA	43.2 %			10-130						
13C2PFTEDA	Surrogate: M2PFTeDA	53.2 %			10-130						
13C4PFBA	Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	102 %			5-130						
13C4PFBA	Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	79.2 %			5-130						
13C8PFOS	Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	83.9 %			40-130						
13C8PFOS	Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	112 %			40-130						
13C5PFPEA	Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	108 %			40-130						
13C5PFPEA	Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	92.0 %			40-130						
13C8FOSA	Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	112 %			40-130						
13C8FOSA	Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	121 %			40-130						
D3-NMEFOSAA	Surrogate: d3-N-MeFOSAA	88.6 %			40-170						
D3-NMEFOSAA	Surrogate: d3-N-MeFOSAA	110 %			40-170						
D5-NETFOSAA	Surrogate: d5-N-EtFOSAA	105 %			25-135						
D5-NETFOSAA	Surrogate: d5-N-EtFOSAA	111 %			25-135						
M2-6:2FTS	Surrogate: M2-6:2 FTS	159 %			40-200						
M2-6:2FTS	Surrogate: M2-6:2 FTS	135 %			40-200						
M2-8:2FTS	Surrogate: M2-8:2 FTS	121 %			40-300						
M2-8:2FTS	Surrogate: M2-8:2 FTS	116 %			40-300						
13C9PFNA	Surrogate: M9PFNA	98.4 %			40-130						
13C9PFNA	Surrogate: M9PFNA	95.1 %			40-130						
M2-4:2FTS	Surrogate: M2-4:2 FTS	172 %			40-200						
M2-4:2FTS	Surrogate: M2-4:2 FTS	163 %			40-200						
936109-37-4	Surrogate: d-N-MeFOSA	82.7 %			10-130						
936109-37-4	Surrogate: d-N-MeFOSA	90.6 %			10-130						
936109-40-9	Surrogate: d-N-EtFOSA	64.5 %			10-130						
936109-40-9	Surrogate: d-N-EtFOSA	79.8 %			10-130						
M3HFPO-DA	Surrogate: M3HFPO-DA	109 %			40-130						



Sample Information

Client Sample ID: TS OF-7 INF 2

York Sample ID: 25G0751-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25G0751

J2257015, Task 7

Surface Water

July 10, 2025 1:15 pm

07/10/2025

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	90.6 %			40-130						
D9-NETPFOSAE	Surrogate: d9-N-EtFOSE	77.5 %			10-130						
D9-NETPFOSAE	Surrogate: d9-N-EtFOSE	96.8 %			10-130						
D7-NMEPFOSAE	Surrogate: d7-N-MeFOSE	84.1 %			10-130						
D7-NMEPFOSAE	Surrogate: d7-N-MeFOSE	97.9 %			10-130						

Sample Information

Client Sample ID: TS OF-7 INF 1

York Sample ID: 25G0751-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25G0751

J2257015, Task 7

Surface Water

July 10, 2025 1:27 pm

07/10/2025

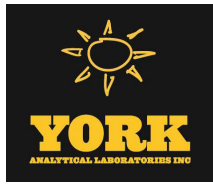
VOA, 8260 LOW MASTER

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: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 15:00	PMB
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 15:00	PMB
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 15:00	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: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 15:00	PMB
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 15:00	PMB
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 15:00	PMB
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 15:00	PMB
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE, QL-02	ug/L	0.222	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/12/2025 10:19	07/12/2025 15:00	PMB
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/12/2025 10:19	07/12/2025 15:00	PMB
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE, QL-02	ug/L	0.138	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/12/2025 10:19	07/12/2025 15:00	PMB



Sample Information

Client Sample ID: TS OF-7 INF 1

York Sample ID: 25G0751-05

York Project (SDG) No.

25G0751

Client Project ID

J2257015, Task 7

Matrix

Surface Water

Collection Date/Time

July 10, 2025 1:27 pm

Date Received

07/10/2025

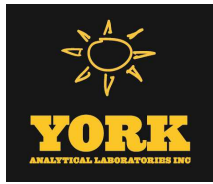
VOA, 8260 LOW MASTER

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
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 15:00	PMB
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 15:00	PMB
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 15:00	PMB
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 15:00	PMB
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 15:00	PMB
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 15:00	PMB
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 15:00	PMB
541-73-1	1,3-Dichlorobenzene	ND	QL-02	ug/L	0.283	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 15:00	PMB
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/12/2025 10:19	07/12/2025 15:00	PMB
106-46-7	1,4-Dichlorobenzene	ND	QL-02	ug/L	0.311	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 15:00	PMB
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/12/2025 10:19	07/12/2025 15:00	PMB
78-93-3	2-Butanone	0.670		ug/L	0.421	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	07/12/2025 10:19	07/12/2025 15:00	PMB
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 15:00	PMB
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 15:00	PMB
67-64-1	Acetone	3.34	CCVE	ug/L	1.34	2.00	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	07/12/2025 10:19	07/12/2025 15:00	PMB
107-02-8	Acrolein	ND	CCVE	ug/L	0.447	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 15:00	PMB
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 15:00	PMB
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 15:00	PMB
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/12/2025 10:19	07/12/2025 15:00	PMB



Sample Information

Client Sample ID: TS OF-7 INF 1

York Sample ID: 25G0751-05

York Project (SDG) No.

25G0751

Client Project ID

J2257015, Task 7

Matrix

Surface Water

Collection Date/Time

July 10, 2025 1:27 pm

Date Received

07/10/2025

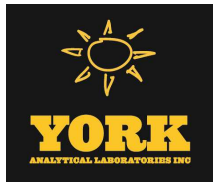
VOA, 8260 LOW MASTER

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: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 15:00	PMB
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 15:00	PMB
74-83-9	Bromomethane	ND	CCVE, QL-02	ug/L	0.500	2.00	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 15:00	PMB
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 15:00	PMB
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 15:00	PMB
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 15:00	PMB
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 15:00	PMB
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 15:00	PMB
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 15:00	PMB
156-59-2	cis-1,2-Dichloroethylene	1.00		ug/L	0.294	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	07/12/2025 10:19	07/12/2025 15:00	PMB
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 15:00	PMB
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/12/2025 10:19	07/12/2025 15:00	PMB
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 15:00	PMB
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/12/2025 10:19	07/12/2025 15:00	PMB
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.451	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/12/2025 10:19	07/12/2025 15:00	PMB
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 15:00	PMB
87-68-3	Hexachlorobutadiene	ND	CCVE, QL-02	ug/L	0.241	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/12/2025 10:19	07/12/2025 15:00	PMB
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 15:00	PMB
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/12/2025 10:19	07/12/2025 15:00	PMB



Sample Information

Client Sample ID: TS OF-7 INF 1

York Sample ID: 25G0751-05

York Project (SDG) No.

25G0751

Client Project ID

J2257015, Task 7

Matrix

Surface Water

Collection Date/Time

July 10, 2025 1:27 pm

Date Received

07/10/2025

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
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 15:00	PMB
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/12/2025 10:19	07/12/2025 15:00	PMB
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 15:00	PMB
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/12/2025 10:19	07/12/2025 15:00	PMB
104-51-8	n-Butylbenzene	ND	QL-02	ug/L	0.399	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 15:00	PMB
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 15:00	PMB
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044	07/12/2025 10:19	07/12/2025 15:00	PMB
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044	07/12/2025 10:19	07/12/2025 15:00	PMB
105-05-5	* p-Diethylbenzene	ND	QL-02	ug/L	0.341	0.500	1	EPA 8260D Certifications:	07/12/2025 10:19	07/12/2025 15:00	PMB
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D Certifications:	07/12/2025 10:19	07/12/2025 15:00	PMB
99-87-6	p-Isopropyltoluene	ND	QL-02	ug/L	0.377	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 15:00	PMB
135-98-8	sec-Butylbenzene	ND	QL-02	ug/L	0.444	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 15:00	PMB
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 15:00	PMB
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/12/2025 10:19	07/12/2025 15:00	PMB
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 15:00	PMB
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 15:00	PMB
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 15:00	PMB
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 15:00	PMB
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 15:00	PMB



Sample Information

Client Sample ID: TS OF-7 INF 1

York Sample ID: 25G0751-05

York Project (SDG) No.

25G0751

Client Project ID

J2257015, Task 7

Matrix

Surface Water

Collection Date/Time

July 10, 2025 1:27 pm

Date Received

07/10/2025

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
79-01-6	Trichloroethylene	ND	QL-02	ug/L	0.249	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 15:00	PMB
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 15:00	PMB
75-01-4	Vinyl Chloride	ND	CCVE	ug/L	0.469	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 15:00	PMB
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	07/12/2025 10:19	07/12/2025 15:00	PMB
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	103 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	100 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	99.9 %	79-122								

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)	32.3		ng/L	0.727	1.65	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/22/2025 00:17	ESJ
307-24-4	Perfluorohexanoic acid (PFHxA)	170		ng/L	0.336	1.87	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/22/2025 00:17	ESJ
375-85-9	Perfluoroheptanoic acid (PFHpA)	111		ng/L	0.653	1.87	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/22/2025 00:17	ESJ
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	587		ng/L	8.30	17.1	10	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/24/2025 09:35	AM
335-67-1	Perfluorooctanoic acid (PFOA)	309		ng/L	0.737	1.87	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/22/2025 00:17	ESJ
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	1470		ng/L	7.09	17.3	10	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/24/2025 09:35	AM
375-95-1	Perfluorononanoic acid (PFNA)	98.9		ng/L	0.923	1.87	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/22/2025 00:17	ESJ
335-76-2	Perfluorodecanoic acid (PFDA)	6.99		ng/L	0.532	1.87	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/22/2025 00:17	ESJ
2058-94-8	Perfluoroundecanoic acid (PFUnA)	31.2		ng/L	0.662	1.87	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/22/2025 00:17	ESJ
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.560	1.87	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/22/2025 00:17	ESJ
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	1.12	1.87	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/22/2025 00:17	ESJ



Sample Information

Client Sample ID: TS OF-7 INF 1

York Sample ID: 25G0751-05

York Project (SDG) No.

25G0751

Client Project ID

J2257015, Task 7

Matrix

Surface Water

Collection Date/Time

July 10, 2025 1:27 pm

Date Received

07/10/2025

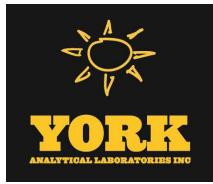
Q P PFAS, EPA 1633a Target List

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	1.47	1.87	1	EPA 1633A Certifications: NJDEP-NY037	07/13/2025 17:22	07/22/2025 00:17	ESJ
2355-31-9	N-MeFOSAA	ND		ng/L	0.466	1.87	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/22/2025 00:17	ESJ
2991-50-6	N-EtFOSAA	ND		ng/L	0.979	1.87	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/22/2025 00:17	ESJ
2706-90-3	Perfluoropentanoic acid (PFPeA)	237		ng/L	0.830	3.73	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/22/2025 00:17	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	9.41		ng/L	0.345	1.87	1	EPA 1633A Certifications: NJDEP-NY037	07/13/2025 17:22	07/22/2025 00:17	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	37.3		ng/L	0.289	1.78	1	EPA 1633A Certifications: NJDEP-NY037	07/13/2025 17:22	07/22/2025 00:17	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	0.578	1.80	1	EPA 1633A Certifications: NJDEP-NY037	07/13/2025 17:22	07/22/2025 00:17	ESJ
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	283		ng/L	2.16	7.09	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/22/2025 00:17	ESJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	26.4		ng/L	2.10	7.16	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/22/2025 00:17	ESJ
375-22-4	Perfluoro-n-butanoic acid (PFBA)	64.9		ng/L	1.52	7.46	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/22/2025 00:17	ESJ
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND		ng/L	0.466	3.32	1	EPA 1633A Certifications: NELAC-NY12058	07/13/2025 17:22	07/22/2025 00:17	ESJ
151772-58-6	Perfluoro-3,6-dioxahexanoic acid (NFDHA)	ND		ng/L	2.80	3.73	1	EPA 1633A Certifications: NELAC-NY12058	07/13/2025 17:22	07/22/2025 00:17	ESJ
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.653	3.73	1	EPA 1633A Certifications: NELAC-NY12058	07/13/2025 17:22	07/22/2025 00:17	ESJ
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	1.31	3.73	1	EPA 1633A Certifications: NELAC-NY12058	07/13/2025 17:22	07/22/2025 00:17	ESJ
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	52.7		ng/L	0.699	1.75	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/22/2025 00:17	ESJ
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	2.63	6.99	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/22/2025 00:17	ESJ
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	2.93	7.46	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/22/2025 00:17	ESJ
763051-92-9	11CL-PF3OUdS	ND		ng/L	2.08	7.05	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/22/2025 00:17	ESJ
756426-58-1	9CL-PF3ONS	ND		ng/L	2.56	6.98	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/22/2025 00:17	ESJ
919005-14-4	ADONA	ND		ng/L	2.77	7.05	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/22/2025 00:17	ESJ



Sample Information

Client Sample ID: TS OF-7 INF 1

York Sample ID: 25G0751-05

York Project (SDG) No.

25G0751

Client Project ID

J2257015, Task 7

Matrix

Surface Water

Collection Date/Time

July 10, 2025 1:27 pm

Date Received

07/10/2025

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		ng/L	0.830	1.81	1	EPA 1633A Certifications:	07/13/2025 17:22	07/22/2025 00:17	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND	PF-CCV -L	ng/L	0.699	1.79	1	EPA 1633A Certifications: NJDEP-NY037	07/13/2025 17:22	07/22/2025 00:17	ESJ
356-02-5	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ng/L	2.20	9.33	1	EPA 1633A Certifications:	07/13/2025 17:22	07/22/2025 00:17	ESJ
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ng/L	6.28	46.6	1	EPA 1633A Certifications:	07/13/2025 17:22	07/22/2025 00:17	ESJ
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ng/L	21.5	46.6	1	EPA 1633A Certifications:	07/13/2025 17:22	07/22/2025 00:17	ESJ
24448-09-7	* N-MeFOSE	ND		ng/L	6.62	18.7	1	EPA 1633A Certifications:	07/13/2025 17:22	07/22/2025 00:17	ESJ
31506-32-8	* N-MeFOSA	ND		ng/L	0.662	1.87	1	EPA 1633A Certifications:	07/13/2025 17:22	07/22/2025 00:17	ESJ
1691-99-2	* N-EtFOSE	ND		ng/L	6.79	18.7	1	EPA 1633A Certifications:	07/13/2025 17:22	07/22/2025 00:17	ESJ
4151-50-2	* N-EtFOSA	ND		ng/L	0.979	1.87	1	EPA 1633A Certifications:	07/13/2025 17:22	07/22/2025 00:17	ESJ

Surrogate Recoveries		Result	Acceptance Range
M3PFBS	Surrogate: M3PFBS	95.7 %	40-135
M3PFBS	Surrogate: M3PFBS	99.1 %	40-135
13C4PFHPA	Surrogate: M4PFHpA	111 %	40-130
13C4PFHPA	Surrogate: M4PFHpA	102 %	40-130
13C3PFHXS	Surrogate: M3PFHxS	101 %	40-130
13C3PFHXS	Surrogate: M3PFHxS	99.0 %	40-130
13C8PFOA	Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	92.8 %	40-130
13C8PFOA	Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	97.2 %	40-130
13C6PFDA	Surrogate: M6PFDA	87.4 %	40-130
13C6PFDA	Surrogate: M6PFDA	92.1 %	40-130
13C7PFUNA	Surrogate: M7PFUdA	94.2 %	30-130
13C7PFUNA	Surrogate: M7PFUdA	95.9 %	30-130
960315-52-0	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	115 %	10-130
960315-52-0	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	87.9 %	10-130
13C2PFTEDA	Surrogate: M2PFTeDA	40.3 %	10-130
13C2PFTEDA	Surrogate: M2PFTeDA	60.7 %	10-130
13C4PFBA	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	99.2 %	5-130



Sample Information

Client Sample ID: TS OF-7 INF 1

York Sample ID: 25G0751-05

York Project (SDG) No.

25G0751

Client Project ID

J2257015, Task 7

Matrix

Surface Water

Collection Date/Time

July 10, 2025 1:27 pm

Date Received

07/10/2025

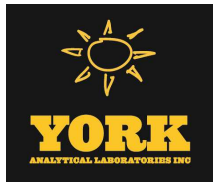
Q P PFAS, EPA 1633a Target List

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)	82.5 %			5-130						
13C8PFOS	Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	97.4 %			40-130						
13C8PFOS	Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	118 %			40-130						
13C5PFPEA	Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	101 %			40-130						
13C5PFPEA	Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	87.1 %			40-130						
13C8FOSA	Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	109 %			40-130						
13C8FOSA	Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	121 %			40-130						
D3-NMEFOSAA	Surrogate: d3-N-MeFOSAA	76.2 %			40-170						
D3-NMEFOSAA	Surrogate: d3-N-MeFOSAA	105 %			40-170						
D5-NETFOSAA	Surrogate: d5-N-EtFOSAA	88.0 %			25-135						
D5-NETFOSAA	Surrogate: d5-N-EtFOSAA	114 %			25-135						
M2-6:2FTS	Surrogate: M2-6:2 FTS	145 %			40-200						
M2-6:2FTS	Surrogate: M2-6:2 FTS	131 %			40-200						
M2-8:2FTS	Surrogate: M2-8:2 FTS	122 %			40-300						
M2-8:2FTS	Surrogate: M2-8:2 FTS	133 %			40-300						
13C9PFNA	Surrogate: M9PFNA	80.5 %			40-130						
13C9PFNA	Surrogate: M9PFNA	100 %			40-130						
M2-4:2FTS	Surrogate: M2-4:2 FTS	151 %			40-200						
M2-4:2FTS	Surrogate: M2-4:2 FTS	160 %			40-200						
936109-37-4	Surrogate: d-N-MeFOSA	78.4 %			10-130						
936109-37-4	Surrogate: d-N-MeFOSA	92.9 %			10-130						
936109-40-9	Surrogate: d-N-EtFOSA	71.6 %			10-130						
936109-40-9	Surrogate: d-N-EtFOSA	87.9 %			10-130						
M3HFPO-DA	Surrogate: M3HFPO-DA	89.6 %			40-130						
M3HFPO-DA	Surrogate: M3HFPO-DA	86.6 %			40-130						
D9-NETPFOSAE	Surrogate: d9-N-EtFOSE	80.2 %			10-130						
D9-NETPFOSAE	Surrogate: d9-N-EtFOSE	94.7 %			10-130						
D7-NMEPFOSAE	Surrogate: d7-N-MeFOSE	91.4 %			10-130						
D7-NMEPFOSAE	Surrogate: d7-N-MeFOSE	100 %			10-130						



Sample Information

Client Sample ID: TRIP BLANK

York Sample ID: 25G0751-06

York Project (SDG) No.

25G0751

Client Project ID

J2257015, Task 7

Matrix

Surface Water

Collection Date/Time

July 10, 2025 1:27 pm

Date Received

07/10/2025

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: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 11:30	PMB
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 11:30	PMB
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 11:30	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: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 11:30	PMB
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 11:30	PMB
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 11:30	PMB
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 11:30	PMB
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE, QL-02	ug/L	0.222	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/12/2025 10:19	07/12/2025 11:30	PMB
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/12/2025 10:19	07/12/2025 11:30	PMB
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE, QL-02	ug/L	0.138	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/12/2025 10:19	07/12/2025 11:30	PMB
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 11:30	PMB
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 11:30	PMB
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 11:30	PMB
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 11:30	PMB
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 11:30	PMB
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 11:30	PMB
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 11:30	PMB
541-73-1	1,3-Dichlorobenzene	ND	QL-02	ug/L	0.283	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 11:30	PMB



Sample Information

Client Sample ID: TRIP BLANK

York Sample ID: 25G0751-06

York Project (SDG) No.

25G0751

Client Project ID

J2257015, Task 7

Matrix

Surface Water

Collection Date/Time

July 10, 2025 1:27 pm

Date Received

07/10/2025

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
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/12/2025 10:19	07/12/2025 11:30	PMB
106-46-7	1,4-Dichlorobenzene	ND	QL-02	ug/L	0.311	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 11:30	PMB
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/12/2025 10:19	07/12/2025 11:30	PMB
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 11:30	PMB
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 11:30	PMB
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 11:30	PMB
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 11:30	PMB
107-02-8	Acrolein	ND	CCVE	ug/L	0.447	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 11:30	PMB
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 11:30	PMB
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 11:30	PMB
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/12/2025 10:19	07/12/2025 11:30	PMB
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 11:30	PMB
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 11:30	PMB
74-83-9	Bromomethane	ND	CCVE, QL-02	ug/L	0.500	2.00	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 11:30	PMB
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 11:30	PMB
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 11:30	PMB
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 11:30	PMB
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 11:30	PMB
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 11:30	PMB



Sample Information

Client Sample ID: TRIP BLANK

York Sample ID: 25G0751-06

York Project (SDG) No.

25G0751

Client Project ID

J2257015, Task 7

Matrix

Surface Water

Collection Date/Time

July 10, 2025 1:27 pm

Date Received

07/10/2025

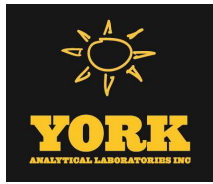
VOA, 8260 LOW MASTER

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
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 11:30	PMB
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 11:30	PMB
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 11:30	PMB
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/12/2025 10:19	07/12/2025 11:30	PMB
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 11:30	PMB
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/12/2025 10:19	07/12/2025 11:30	PMB
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.451	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/12/2025 10:19	07/12/2025 11:30	PMB
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 11:30	PMB
87-68-3	Hexachlorobutadiene	ND	CCVE, QL-02	ug/L	0.241	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/12/2025 10:19	07/12/2025 11:30	PMB
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 11:30	PMB
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/12/2025 10:19	07/12/2025 11:30	PMB
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 11:30	PMB
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/12/2025 10:19	07/12/2025 11:30	PMB
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 11:30	PMB
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/12/2025 10:19	07/12/2025 11:30	PMB
104-51-8	n-Butylbenzene	ND	QL-02	ug/L	0.399	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 11:30	PMB
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/12/2025 10:19	07/12/2025 11:30	PMB
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044	07/12/2025 10:19	07/12/2025 11:30	PMB
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044	07/12/2025 10:19	07/12/2025 11:30	PMB



Sample Information

Client Sample ID: TRIP BLANK

York Sample ID: 25G0751-06

York Project (SDG) No.

25G0751

Client Project ID

J2257015, Task 7

Matrix

Surface Water

Collection Date/Time

July 10, 2025 1:27 pm

Date Received

07/10/2025

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
105-05-5	* p-Diethylbenzene	ND	QL-02	ug/L	0.341	0.500	1	EPA 8260D Certifications:	07/12/2025 10:19	07/12/2025 11:30	PMB
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D Certifications:	07/12/2025 10:19	07/12/2025 11:30	PMB
99-87-6	p-Isopropyltoluene	ND	QL-02	ug/L	0.377	0.500	1	EPA 8260D Certifications:	07/12/2025 10:19	07/12/2025 11:30	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
135-98-8	sec-Butylbenzene	ND	QL-02	ug/L	0.444	0.500	1	EPA 8260D Certifications:	07/12/2025 10:19	07/12/2025 11:30	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications:	07/12/2025 10:19	07/12/2025 11:30	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
75-65-0	tert-Butyl alcohol (TBA)	1.01		ug/L	0.608	1.00	1	EPA 8260D Certifications:	07/12/2025 10:19	07/12/2025 11:30	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-0444C
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications:	07/12/2025 10:19	07/12/2025 11:30	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D Certifications:	07/12/2025 10:19	07/12/2025 11:30	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications:	07/12/2025 10:19	07/12/2025 11:30	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	07/12/2025 10:19	07/12/2025 11:30	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications:	07/12/2025 10:19	07/12/2025 11:30	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
79-01-6	Trichloroethylene	ND	QL-02	ug/L	0.249	0.500	1	EPA 8260D Certifications:	07/12/2025 10:19	07/12/2025 11:30	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications:	07/12/2025 10:19	07/12/2025 11:30	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
75-01-4	Vinyl Chloride	ND	CCVE	ug/L	0.469	0.500	1	EPA 8260D Certifications:	07/12/2025 10:19	07/12/2025 11:30	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D Certifications:	07/12/2025 10:19	07/12/2025 11:30	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: <i>SURR:</i> <i>1,2-Dichloroethane-d4</i>	101 %	69-130								
2037-26-5	Surrogate: <i>SURR:</i> <i>Toluene-d8</i>	99.5 %	81-117								
460-00-4	Surrogate: <i>SURR:</i> <i>p-Bromofluorobenzene</i>	102 %	79-122								

Q P PFAS, EPA 1633a Target List

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: TRIP BLANK

York Sample ID: 25G0751-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25G0751

J2257015, Task 7

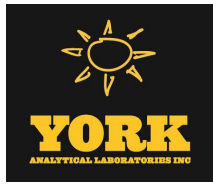
Surface Water

July 10, 2025 1:27 pm

07/10/2025

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
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	0.695	1.58	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/22/2025 00:33	ESJ
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.321	1.78	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/22/2025 00:33	ESJ
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.624	1.78	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/22/2025 00:33	ESJ
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.793	1.63	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/22/2025 00:33	ESJ
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ng/L	0.704	1.78	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/22/2025 00:33	ESJ
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.677	1.66	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/22/2025 00:33	ESJ
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.882	1.78	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/22/2025 00:33	ESJ
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.508	1.78	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/22/2025 00:33	ESJ
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	0.633	1.78	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/22/2025 00:33	ESJ
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.535	1.78	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/22/2025 00:33	ESJ
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	1.07	1.78	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/22/2025 00:33	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	1.41	1.78	1	EPA 1633A Certifications: NJDEP-NY037	07/13/2025 17:22	07/22/2025 00:33	ESJ
2355-31-9	N-MeFOSAA	ND		ng/L	0.445	1.78	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/22/2025 00:33	ESJ
2991-50-6	N-EtFOSAA	ND		ng/L	0.935	1.78	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/22/2025 00:33	ESJ
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.793	3.56	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/22/2025 00:33	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.330	1.78	1	EPA 1633A Certifications: NJDEP-NY037	07/13/2025 17:22	07/22/2025 00:33	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.276	1.70	1	EPA 1633A Certifications: NJDEP-NY037	07/13/2025 17:22	07/22/2025 00:33	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	0.552	1.72	1	EPA 1633A Certifications: NJDEP-NY037	07/13/2025 17:22	07/22/2025 00:33	ESJ
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfoni c acid (6:2 FTS)	ND		ng/L	2.07	6.77	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/22/2025 00:33	ESJ



Sample Information

Client Sample ID: TRIP BLANK

York Sample ID: 25G0751-06

York Project (SDG) No.

25G0751

Client Project ID

J2257015, Task 7

Matrix

Surface Water

Collection Date/Time

July 10, 2025 1:27 pm

Date Received

07/10/2025

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		ng/L	2.00	6.84	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/22/2025 00:33	ESJ
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	1.45	7.13	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/22/2025 00:33	ESJ
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND		ng/L	0.445	3.17	1	EPA 1633A Certifications: NELAC-NY12058	07/13/2025 17:22	07/22/2025 00:33	ESJ
151772-58-6	Perfluoro-3,6-dioxahexanoic acid (NFDHA)	ND		ng/L	2.67	3.56	1	EPA 1633A Certifications: NELAC-NY12058	07/13/2025 17:22	07/22/2025 00:33	ESJ
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.624	3.56	1	EPA 1633A Certifications: NELAC-NY12058	07/13/2025 17:22	07/22/2025 00:33	ESJ
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	1.25	3.56	1	EPA 1633A Certifications: NELAC-NY12058	07/13/2025 17:22	07/22/2025 00:33	ESJ
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.668	1.67	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/22/2025 00:33	ESJ
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	2.51	6.68	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/22/2025 00:33	ESJ
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	2.80	7.13	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/22/2025 00:33	ESJ
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.99	6.74	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/22/2025 00:33	ESJ
756426-58-1	9CL-PF3ONS	ND		ng/L	2.45	6.66	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/22/2025 00:33	ESJ
919005-14-4	ADONA	ND		ng/L	2.65	6.74	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/22/2025 00:33	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.793	1.73	1	EPA 1633A Certifications:	07/13/2025 17:22	07/22/2025 00:33	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND	PF-CCV -L	ng/L	0.668	1.71	1	EPA 1633A Certifications: NJDEP-NY037	07/13/2025 17:22	07/22/2025 00:33	ESJ
356-02-5	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ng/L	2.10	8.91	1	EPA 1633A Certifications:	07/13/2025 17:22	07/22/2025 00:33	ESJ
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ng/L	6.00	44.5	1	EPA 1633A Certifications:	07/13/2025 17:22	07/22/2025 00:33	ESJ
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ng/L	20.6	44.5	1	EPA 1633A Certifications:	07/13/2025 17:22	07/22/2025 00:33	ESJ
24448-09-7	* N-MeFOSE	ND		ng/L	6.33	17.8	1	EPA 1633A Certifications:	07/13/2025 17:22	07/22/2025 00:33	ESJ
31506-32-8	* N-MeFOSA	ND		ng/L	0.633	1.78	1	EPA 1633A Certifications:	07/13/2025 17:22	07/22/2025 00:33	ESJ



Sample Information

Client Sample ID: TRIP BLANK

York Sample ID: 25G0751-06

York Project (SDG) No.

25G0751

Client Project ID

J2257015, Task 7

Matrix

Surface Water

Collection Date/Time

July 10, 2025 1:27 pm

Date Received

07/10/2025

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
1691-99-2	* N-EtFOSE	ND		ng/L	6.49	17.8	1	EPA 1633A Certifications:	07/13/2025 17:22	07/22/2025 00:33	ESJ
4151-50-2	* N-EtFOSA	ND		ng/L	0.935	1.78	1	EPA 1633A Certifications:	07/13/2025 17:22	07/22/2025 00:33	ESJ

Surrogate Recoveries		Result	Acceptance Range
M3PFBS	Surrogate: M3PFBS	94.8 %	40-135
13C4PFHFA	Surrogate: M4PFHpA	107 %	40-130
13C3PFHXS	Surrogate: M3PFHxS	93.3 %	40-130
13C8PFOA	Surrogate: Perfluoro-n- [13C8]octanoic acid (M8PFOA)	87.9 %	40-130
13C6PFDA	Surrogate: M6PFDA	84.6 %	40-130
13C7PFUNA	Surrogate: M7PFUdA	71.3 %	30-130
960315-52-0	Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)	65.5 %	10-130
13C2PFTEDA	Surrogate: M2PFTeDA	44.1 %	10-130
13C4PFBA	Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	90.5 %	5-130
13C8PFOS	Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	86.5 %	40-130
13C5PFPEA	Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	93.2 %	40-130
13C8FOSA	Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	86.2 %	40-130
D3-NMEFOSAA	Surrogate: d3-N-MeFOSAA	74.9 %	40-170
D5-NETFOSAA	Surrogate: d5-N-EtFOSAA	73.0 %	25-135
M2-6:2FTS	Surrogate: M2-6:2 FTS	78.3 %	40-200
M2-8:2FTS	Surrogate: M2-8:2 FTS	84.0 %	40-300
13C9PFNA	Surrogate: M9PFNA	96.8 %	40-130
M2-4:2FTS	Surrogate: M2-4:2 FTS	74.8 %	40-200
936109-37-4	Surrogate: d-N-MeFOSA	74.6 %	10-130
936109-40-9	Surrogate: d-N-EtFOSA	73.6 %	10-130
M3HFPO-DA	Surrogate: M3HFPO-DA	95.0 %	40-130
D9-NETPFOSAE	Surrogate: d9-N-EtFOSE	71.9 %	10-130
D7-NMEPFOSAE	Surrogate: d7-N-MeFOSE	70.7 %	10-130



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
25G0751-01	TS OF-7 EFF	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
25G0751-02	TS OF-7 GAC 2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
25G0751-03	TS OF-7 GAC 1	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
25G0751-04	TS OF-7 INF 2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
25G0751-05	TS OF-7 INF 1	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
25G0751-06	TRIP BLANK	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C



Sample and Data Qualifiers Relating to This Work Order

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-H	The isotopically labeled surrogate recovered above 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.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

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

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



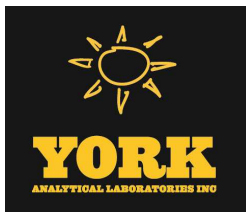
If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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



Technical Report

prepared for:

Terracon Consultants, Inc.

70 Vantage Point Dr.

Rochester NY, 14624

Attention: Don Pomeroy

Report Date: 07/30/2025

Client Project ID: J2257015. Task 7

York Project (SDG) No.: 25G1358

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: 07/30/2025
Client Project ID: J2257015. Task 7
York Project (SDG) No.: 25G1358

Terracon Consultants, Inc.
70 Vantage Point Dr.
Rochester NY, 14624
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 July 21, 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.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
25G1358-01	OF-7 Pipe	Surface Water	07/21/2025	07/21/2025
25G1358-02	OF-7 Pool	Surface Water	07/21/2025	07/21/2025
25G1358-03	OF-7 Grate	Surface Water	07/21/2025	07/21/2025
25G1358-04	OF-7A	Surface Water	07/21/2025	07/21/2025
25G1358-05	E-10	Surface Water	07/21/2025	07/21/2025

General Notes for York Project (SDG) No.: 25G1358

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.

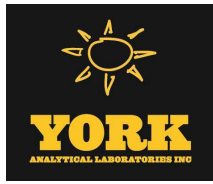
Approved By:



Cassie L. Mosher
Laboratory Manager

Date: 07/30/2025





Sample Information

Client Sample ID: OF-7 Pipe

York Sample ID: 25G1358-01

York Project (SDG) No.

25G1358

Client Project ID

J2257015. Task 7

Matrix

Surface Water

Collection Date/Time

July 21, 2025 12:45 pm

Date Received

07/21/2025

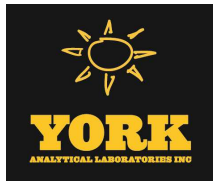
Q P PFAS, EPA 1633a Target List

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)	53.4		ng/L	0.763	1.73	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 04:50	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	226		ng/L	0.352	1.96	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 04:50	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	169		ng/L	0.685	1.96	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 04:50	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	1370		ng/L	8.71	17.9	10	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/30/2025 12:16	ESJ
335-67-1	Perfluorooctanoic acid (PFOA)	774		ng/L	7.73	19.6	10	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/30/2025 12:16	ESJ
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	3770		ng/L	7.44	18.2	10	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/30/2025 12:16	ESJ
375-95-1	Perfluorononanoic acid (PFNA)	188		ng/L	0.969	1.96	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 04:50	AM
335-76-2	Perfluorodecanoic acid (PFDA)	11.6		ng/L	0.558	1.96	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 04:50	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	182		ng/L	0.695	1.96	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 04:50	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	2.57		ng/L	0.587	1.96	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 04:50	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	7.22		ng/L	1.17	1.96	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 04:50	AM
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	1.55	1.96	1	EPA 1633A Certifications: NJDEP-NY037	07/22/2025 08:05	07/26/2025 04:50	AM
2355-31-9	N-MeFOSAA	ND		ng/L	0.489	1.96	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 04:50	AM
2991-50-6	N-EtFOSAA	ND		ng/L	1.03	1.96	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 04:50	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	331		ng/L	0.871	3.91	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 04:50	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	20.5		ng/L	0.362	1.96	1	EPA 1633A Certifications: NJDEP-NY037	07/22/2025 08:05	07/26/2025 04:50	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	67.2		ng/L	0.303	1.87	1	EPA 1633A Certifications: NJDEP-NY037	07/22/2025 08:05	07/26/2025 04:50	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	2.56		ng/L	0.607	1.89	1	EPA 1633A Certifications: NJDEP-NY037	07/22/2025 08:05	07/26/2025 04:50	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	150		ng/L	2.27	7.44	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 04:50	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	35.8		ng/L	2.20	7.52	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 04:50	AM



Sample Information

Client Sample ID: OF-7 Pipe

York Sample ID: 25G1358-01

York Project (SDG) No.

25G1358

Client Project ID

J2257015. Task 7

Matrix

Surface Water

Collection Date/Time

July 21, 2025 12:45 pm

Date Received

07/21/2025

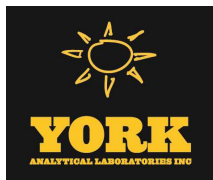
Q P PFAS, EPA 1633a Target List

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)	94.6		ng/L	1.60	7.83	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 04:50	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND		ng/L	0.489	3.48	1	EPA 1633A Certifications: NELAC-NY12058	07/22/2025 08:05	07/26/2025 04:50	AM
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.94	3.91	1	EPA 1633A Certifications: NELAC-NY12058	07/22/2025 08:05	07/26/2025 04:50	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.685	3.91	1	EPA 1633A Certifications: NELAC-NY12058	07/22/2025 08:05	07/26/2025 04:50	AM
863090-89-5	Perfluoro-5-oxaheptanoic acid (PFMBA)	ND		ng/L	1.37	3.91	1	EPA 1633A Certifications: NELAC-NY12058	07/22/2025 08:05	07/26/2025 04:50	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	97.9		ng/L	0.734	1.84	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 04:50	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	2.76	7.34	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 04:50	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.07	7.83	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 04:50	AM
763051-92-9	11CL-PF3OUdS	ND		ng/L	2.18	7.40	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 04:50	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	2.69	7.32	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 04:50	AM
919005-14-4	ADONA	ND		ng/L	2.91	7.40	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 04:50	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.871	1.90	1	EPA 1633A Certifications:	07/22/2025 08:05	07/26/2025 04:50	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	0.832	J	ng/L	0.734	1.88	1	EPA 1633A Certifications: NJDEP-NY037	07/22/2025 08:05	07/26/2025 04:50	AM
356-02-5	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ng/L	2.31	9.79	1	EPA 1633A Certifications:	07/22/2025 08:05	07/26/2025 04:50	AM
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ng/L	6.59	48.9	1	EPA 1633A Certifications:	07/22/2025 08:05	07/26/2025 04:50	AM
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ng/L	22.6	48.9	1	EPA 1633A Certifications:	07/22/2025 08:05	07/26/2025 04:50	AM
24448-09-7	* N-MeFOSE	ND		ng/L	6.95	19.6	1	EPA 1633A Certifications:	07/22/2025 08:05	07/26/2025 04:50	AM
31506-32-8	* N-MeFOSA	ND		ng/L	0.695	1.96	1	EPA 1633A Certifications:	07/22/2025 08:05	07/26/2025 04:50	AM
1691-99-2	* N-EtFOSE	ND		ng/L	7.12	19.6	1	EPA 1633A Certifications:	07/22/2025 08:05	07/26/2025 04:50	AM



Sample Information

Client Sample ID: OF-7 Pipe

York Sample ID: 25G1358-01

York Project (SDG) No.
25G1358

Client Project ID
J2257015. Task 7

Matrix
Surface Water

Collection Date/Time
July 21, 2025 12:45 pm

Date Received
07/21/2025

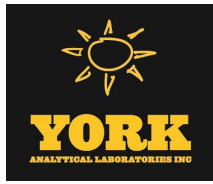
Q P PFAS, EPA 1633a Target List

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
4151-50-2	* N-EtFOSA	ND		ng/L	1.03	1.96	1	EPA 1633A Certifications:	07/22/2025 08:05	07/26/2025 04:50	AM
Surrogate Recoveries		Result		Acceptance Range							
M3PFBS	Surrogate: M3PFBS	118 %		40-135							
M3PFBS	Surrogate: M3PFBS	107 %		40-135							
13C4PFHPA	Surrogate: M4PFHpA	109 %		40-130							
13C4PFHPA	Surrogate: M4PFHpA	104 %		40-130							
13C3PFHXS	Surrogate: M3PFHxS	99.8 %		40-130							
13C3PFHXS	Surrogate: M3PFHxS	97.9 %		40-130							
13C8PFOA	Surrogate: Perfluoro-n- [13C8]octanoic acid (M8PFOA)	103 %		40-130							
13C8PFOA	Surrogate: Perfluoro-n- [13C8]octanoic acid (M8PFOA)	94.1 %		40-130							
13C6PFDA	Surrogate: M6PFDA	86.6 %		40-130							
13C6PFDA	Surrogate: M6PFDA	77.2 %		40-130							
13C7PFUNA	Surrogate: M7PFUdA	73.1 %		30-130							
13C7PFUNA	Surrogate: M7PFUdA	58.9 %		30-130							
960315-52-0	Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)	46.4 %		10-130							
960315-52-0	Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)	58.9 %		10-130							
13C2PFTEDA	Surrogate: M2PFTeDA	30.2 %		10-130							
13C2PFTEDA	Surrogate: M2PFTeDA	30.7 %		10-130							
13C4PFBA	Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	79.4 %		5-130							
13C4PFBA	Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	138 %	PFSu-H	5-130							
13C8PFOS	Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	83.1 %		40-130							
13C8PFOS	Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	106 %		40-130							
13C5PFPEA	Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	86.4 %		40-130							
13C5PFPEA	Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	117 %		40-130							
13C8FOSA	Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	103 %		40-130							
13C8FOSA	Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	160 %	PFSu-H	40-130							
D3-NMEFOSAA	Surrogate: d3-N-MeFOSAA	71.3 %		40-170							
D3-NMEFOSAA	Surrogate: d3-N-MeFOSAA	105 %		40-170							
D5-NETFOSAA	Surrogate: d5-N-EtFOSAA	71.9 %		25-135							



Sample Information

Client Sample ID: OF-7 Pipe

York Sample ID: 25G1358-01

York Project (SDG) No.

25G1358

Client Project ID

J2257015. Task 7

Matrix

Surface Water

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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
D5-NETFOSAA	Surrogate: d5-N-EtFOSAA	99.5 %			25-135						
M2-6:2FTS	Surrogate: M2-6:2 FTS	158 %			40-200						
M2-6:2FTS	Surrogate: M2-6:2 FTS	156 %			40-200						
M2-8:2FTS	Surrogate: M2-8:2 FTS	121 %			40-300						
M2-8:2FTS	Surrogate: M2-8:2 FTS	126 %			40-300						
13C9PFNA	Surrogate: M9PFNA	86.7 %			40-130						
13C9PFNA	Surrogate: M9PFNA	95.0 %			40-130						
M2-4:2FTS	Surrogate: M2-4:2 FTS	178 %			40-200						
M2-4:2FTS	Surrogate: M2-4:2 FTS	179 %			40-200						
936109-37-4	Surrogate: d-N-MeFOSA	73.5 %			10-130						
936109-37-4	Surrogate: d-N-MeFOSA	87.5 %			10-130						
936109-40-9	Surrogate: d-N-EtFOSA	52.0 %			10-130						
936109-40-9	Surrogate: d-N-EtFOSA	64.9 %			10-130						
M3HFPO-DA	Surrogate: M3HFPO-DA	86.0 %			40-130						
M3HFPO-DA	Surrogate: M3HFPO-DA	109 %			40-130						
D9-NETPFOSA1	Surrogate: d9-N-EtFOSE	46.2 %			10-130						
D9-NETPFOSA1	Surrogate: d9-N-EtFOSE	56.7 %			10-130						
D7-NMEPFOSA	Surrogate: d7-N-MeFOSE	46.2 %			10-130						
D7-NMEPFOSA	Surrogate: d7-N-MeFOSE	80.0 %			10-130						

Sample Information

Client Sample ID: OF-7 Pool

York Sample ID: 25G1358-02

York Project (SDG) No.

25G1358

Client Project ID

J2257015. Task 7

Matrix

Surface Water

Collection Date/Time

July 21, 2025 12:35 pm

Date Received

07/21/2025

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	0.756	1.71	1	EPA 1633A Certifications:	07/22/2025 08:05 NELAC-NY12058,NJDEP-NY037	07/26/2025 05:06	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	2.19		ng/L	0.349	1.94	1	EPA 1633A Certifications:	07/22/2025 08:05 NELAC-NY12058,NJDEP-NY037	07/26/2025 05:06	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	1.70	J	ng/L	0.678	1.94	1	EPA 1633A Certifications:	07/22/2025 08:05 NELAC-NY12058,NJDEP-NY037	07/26/2025 05:06	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	6.93		ng/L	0.862	1.77	1	EPA 1633A Certifications:	07/22/2025 08:05 NELAC-NY12058,NJDEP-NY037	07/26/2025 05:06	AM



Sample Information

Client Sample ID: OF-7 Pool

York Sample ID: 25G1358-02

York Project (SDG) No.

25G1358

Client Project ID

J2257015. Task 7

Matrix

Surface Water

Collection Date/Time

July 21, 2025 12:35 pm

Date Received

07/21/2025

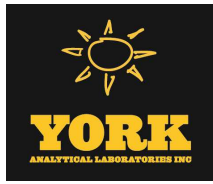
Q P PFAS, EPA 1633a Target List

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)	3.29		ng/L	0.765	1.94	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:06	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	18.0		ng/L	0.736	1.80	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:06	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.959	1.94	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:06	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.552	1.94	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:06	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	1.54	J	ng/L	0.688	1.94	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:06	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.581	1.94	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:06	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	1.16	1.94	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:06	AM
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	1.53	1.94	1	EPA 1633A Certifications: NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:06	AM
2355-31-9	N-MeFOSAA	ND		ng/L	0.484	1.94	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:06	AM
2991-50-6	N-EtFOSAA	ND		ng/L	1.02	1.94	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:06	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	3.24	J	ng/L	0.862	3.87	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:06	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.358	1.94	1	EPA 1633A Certifications: NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:06	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.300	1.85	1	EPA 1633A Certifications: NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:06	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	0.601	1.87	1	EPA 1633A Certifications: NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:06	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	2.25	7.36	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:06	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.18	7.44	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:06	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	1.58	7.75	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:06	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND		ng/L	0.484	3.45	1	EPA 1633A Certifications: NELAC-NY12058	07/22/2025 08:05	07/26/2025 05:06	AM
151772-58-6	Perfluoro-3,6-dioxahexanoic acid (NFDHA)	ND		ng/L	2.91	3.87	1	EPA 1633A Certifications: NELAC-NY12058	07/22/2025 08:05	07/26/2025 05:06	AM



Sample Information

Client Sample ID: OF-7 Pool

York Sample ID: 25G1358-02

York Project (SDG) No.

25G1358

Client Project ID

J2257015. Task 7

Matrix

Surface Water

Collection Date/Time

July 21, 2025 12:35 pm

Date Received

07/21/2025

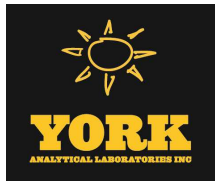
Q P PFAS, EPA 1633a Target List

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		ng/L	0.678	3.87	1	EPA 1633A Certifications: NELAC-NY12058	07/22/2025 08:05	07/26/2025 05:06	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	1.36	3.87	1	EPA 1633A Certifications: NELAC-NY12058	07/22/2025 08:05	07/26/2025 05:06	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.727	1.82	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:06	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	2.73	7.27	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:06	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.04	7.75	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:06	AM
763051-92-9	11CL-PF3OUdS	ND		ng/L	2.16	7.32	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:06	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	2.66	7.25	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:06	AM
919005-14-4	ADONA	ND		ng/L	2.88	7.32	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:06	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.862	1.88	1	EPA 1633A Certifications:	07/22/2025 08:05	07/26/2025 05:06	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.727	1.86	1	EPA 1633A Certifications: NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:06	AM
356-02-5	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ng/L	2.29	9.69	1	EPA 1633A Certifications:	07/22/2025 08:05	07/26/2025 05:06	AM
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ng/L	6.52	48.4	1	EPA 1633A Certifications:	07/22/2025 08:05	07/26/2025 05:06	AM
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ng/L	22.3	48.4	1	EPA 1633A Certifications:	07/22/2025 08:05	07/26/2025 05:06	AM
24448-09-7	* N-MeFOSE	ND		ng/L	6.88	19.4	1	EPA 1633A Certifications:	07/22/2025 08:05	07/26/2025 05:06	AM
31506-32-8	* N-MeFOSA	ND		ng/L	0.688	1.94	1	EPA 1633A Certifications:	07/22/2025 08:05	07/26/2025 05:06	AM
1691-99-2	* N-EtFOSE	ND		ng/L	7.05	19.4	1	EPA 1633A Certifications:	07/22/2025 08:05	07/26/2025 05:06	AM
4151-50-2	* N-EtFOSA	ND		ng/L	1.02	1.94	1	EPA 1633A Certifications:	07/22/2025 08:05	07/26/2025 05:06	AM
Surrogate Recoveries		Result	Acceptance Range								
M3PFBS	Surrogate: M3PFBS	98.2 %	40-135								
13C4PFHPA	Surrogate: M4PFHpA	102 %	40-130								
13C3PFHXS	Surrogate: M3PFHxS	93.0 %	40-130								



Sample Information

Client Sample ID: OF-7 Pool

York Sample ID: 25G1358-02

York Project (SDG) No.

25G1358

Client Project ID

J2257015. Task 7

Matrix

Surface Water

Collection Date/Time

July 21, 2025 12:35 pm

Date Received

07/21/2025

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)	96.2 %			40-130						
13C6PFDA	Surrogate: M6PFDA	66.4 %			40-130						
13C7PFUNA	Surrogate: M7PFUdA	57.4 %			30-130						
960315-52-0	Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)	37.1 %			10-130						
13C2PFTEDA	Surrogate: M2PFTeDA	30.0 %			10-130						
13C4PFBA	Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	100 %			5-130						
13C8PFOS	Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	68.2 %			40-130						
13C5PFPEA	Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	111 %			40-130						
13C8FOSA	Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	91.8 %			40-130						
D3-NMEFOSAA	Surrogate: d3-N-MeFOSAA	59.8 %			40-170						
D5-NETFOSAA	Surrogate: d5-N-EtFOSAA	54.0 %			25-135						
M2-6:2FTS	Surrogate: M2-6:2 FTS	110 %			40-200						
M2-8:2FTS	Surrogate: M2-8:2 FTS	79.6 %			40-300						
13C9PFNA	Surrogate: M9PFNA	89.4 %			40-130						
M2-4:2FTS	Surrogate: M2-4:2 FTS	115 %			40-200						
936109-37-4	Surrogate: d-N-MeFOSA	48.8 %			10-130						
936109-40-9	Surrogate: d-N-EtFOSA	37.7 %			10-130						
M3HFPO-DA	Surrogate: M3HFPO-DA	113 %			40-130						
D9-NETPFOSAI	Surrogate: d9-N-EtFOSE	40.1 %			10-130						
D7-NMEPFOSA	Surrogate: d7-N-MeFOSE	52.5 %			10-130						

Sample Information

Client Sample ID: OF-7 Grate

York Sample ID: 25G1358-03

York Project (SDG) No.

25G1358

Client Project ID

J2257015. Task 7

Matrix

Surface Water

Collection Date/Time

July 21, 2025 12:55 pm

Date Received

07/21/2025

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)	2.09		ng/L	0.823	1.87	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:21	AM



Sample Information

Client Sample ID: OF-7 Grate

York Sample ID: 25G1358-03

York Project (SDG) No.

25G1358

Client Project ID

J2257015. Task 7

Matrix

Surface Water

Collection Date/Time

July 21, 2025 12:55 pm

Date Received

07/21/2025

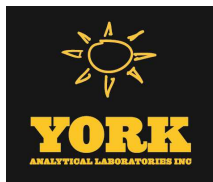
Q P PFAS, EPA 1633a Target List

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)	14.5		ng/L	0.380	2.11	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:21	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	9.60		ng/L	0.739	2.11	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:21	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	42.9		ng/L	0.939	1.93	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:21	AM
335-67-1	Perfluorooctanoic acid (PFOA)	11.0		ng/L	0.834	2.11	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:21	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	69.7		ng/L	0.802	1.96	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:21	AM
375-95-1	Perfluorononanoic acid (PFNA)	6.76		ng/L	1.04	2.11	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:21	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.602	2.11	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:21	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	1.78	J	ng/L	0.749	2.11	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:21	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.633	2.11	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:21	AM
72629-94-8	Perfluorotridecanoic acid (PFTTrDA)	ND		ng/L	1.27	2.11	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:21	AM
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	1.67	2.11	1	EPA 1633A Certifications: NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:21	AM
2355-31-9	N-MeFOSAA	ND		ng/L	0.528	2.11	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:21	AM
2991-50-6	N-EtFOSAA	ND		ng/L	1.11	2.11	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:21	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	26.3		ng/L	0.939	4.22	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:21	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.391	2.11	1	EPA 1633A Certifications: NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:21	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	0.582	J	ng/L	0.327	2.02	1	EPA 1633A Certifications: NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:21	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	0.654	2.04	1	EPA 1633A Certifications: NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:21	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfo nic acid (6:2 FTS)	6.08	J	ng/L	2.45	8.02	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:21	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.37	8.11	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:21	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	1.72	8.44	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:21	AM



Sample Information

Client Sample ID: OF-7 Grate

York Sample ID: 25G1358-03

York Project (SDG) No.

25G1358

Client Project ID

J2257015. Task 7

Matrix

Surface Water

Collection Date/Time

July 21, 2025 12:55 pm

Date Received

07/21/2025

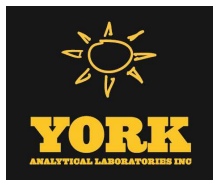
Q P PFAS, EPA 1633a Target List

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 (PFEESA)	ND		ng/L	0.528	3.76	1	EPA 1633A Certifications: NELAC-NY12058	07/22/2025 08:05	07/26/2025 05:21	AM
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	3.17	4.22	1	EPA 1633A Certifications: NELAC-NY12058	07/22/2025 08:05	07/26/2025 05:21	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.739	4.22	1	EPA 1633A Certifications: NELAC-NY12058	07/22/2025 08:05	07/26/2025 05:21	AM
863090-89-5	Perfluoro-5-oxaheptanoic acid (PFMBA)	ND		ng/L	1.48	4.22	1	EPA 1633A Certifications: NELAC-NY12058	07/22/2025 08:05	07/26/2025 05:21	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	2.93		ng/L	0.792	1.98	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:21	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	2.98	7.92	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:21	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.31	8.44	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:21	AM
763051-92-9	11CL-PF3OUdS	ND		ng/L	2.35	7.98	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:21	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	2.90	7.90	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:21	AM
919005-14-4	ADONA	ND		ng/L	3.13	7.98	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:21	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.939	2.05	1	EPA 1633A Certifications:	07/22/2025 08:05	07/26/2025 05:21	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.792	2.03	1	EPA 1633A Certifications: NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:21	AM
356-02-5	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ng/L	2.49	10.6	1	EPA 1633A Certifications:	07/22/2025 08:05	07/26/2025 05:21	AM
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ng/L	7.10	52.8	1	EPA 1633A Certifications:	07/22/2025 08:05	07/26/2025 05:21	AM
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ng/L	24.4	52.8	1	EPA 1633A Certifications:	07/22/2025 08:05	07/26/2025 05:21	AM
24448-09-7	* N-MeFOSE	ND		ng/L	7.49	21.1	1	EPA 1633A Certifications:	07/22/2025 08:05	07/26/2025 05:21	AM
31506-32-8	* N-MeFOSA	ND		ng/L	0.749	2.11	1	EPA 1633A Certifications:	07/22/2025 08:05	07/26/2025 05:21	AM
1691-99-2	* N-EtFOSE	ND		ng/L	7.68	21.1	1	EPA 1633A Certifications:	07/22/2025 08:05	07/26/2025 05:21	AM
4151-50-2	* N-EtFOSA	ND		ng/L	1.11	2.11	1	EPA 1633A Certifications:	07/22/2025 08:05	07/26/2025 05:21	AM



Sample Information

Client Sample ID: OF-7 Grate

York Sample ID: 25G1358-03

York Project (SDG) No.
25G1358

Client Project ID
J2257015. Task 7

Matrix
Surface Water

Collection Date/Time
July 21, 2025 12:55 pm

Date Received
07/21/2025

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
Surrogate Recoveries		Result		Acceptance Range							
M3PFBS	Surrogate: M3PFBS	104 %			40-135						
13C4PFHPA	Surrogate: M4PFHpA	108 %			40-130						
13C3PFHXS	Surrogate: M3PFHxS	102 %			40-130						
13C8PFOA	Surrogate: Perfluoro-n- [13C8]octanoic acid (M8PFOA)	99.1 %			40-130						
13C6PFDA	Surrogate: M6PFDA	91.1 %			40-130						
13C7PFUNA	Surrogate: M7PFUdA	71.7 %			30-130						
960315-52-0	Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)	41.5 %			10-130						
13C2PFTEDA	Surrogate: M2PFTeDA	33.8 %			10-130						
13C4PFBA	Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	103 %			5-130						
13C8PFOS	Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	95.2 %			40-130						
13C5PFPEA	Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	110 %			40-130						
13C8FOSA	Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	105 %			40-130						
D3-NMEFOSAA	Surrogate: d3-N-MeFOSAA	70.7 %			40-170						
D5-NETFOSAA	Surrogate: d5-N-EtFOSAA	64.5 %			25-135						
M2-6:2FTS	Surrogate: M2-6:2 FTS	117 %			40-200						
M2-8:2FTS	Surrogate: M2-8:2 FTS	98.4 %			40-300						
13C9PFNA	Surrogate: M9PFNA	97.9 %			40-130						
M2-4:2FTS	Surrogate: M2-4:2 FTS	126 %			40-200						
936109-37-4	Surrogate: d-N-MeFOSA	56.1 %			10-130						
936109-40-9	Surrogate: d-N-EtFOSA	41.5 %			10-130						
M3HFPO-DA	Surrogate: M3HFPO-DA	126 %			40-130						
D9-NETPFOSAI	Surrogate: d9-N-EtFOSE	42.9 %			10-130						
D7-NMEPFOSA	Surrogate: d7-N-MeFOSE	57.5 %			10-130						

Sample Information

Client Sample ID: OF-7A

York Sample ID: 25G1358-04

York Project (SDG) No.
25G1358

Client Project ID
J2257015. Task 7

Matrix
Surface Water

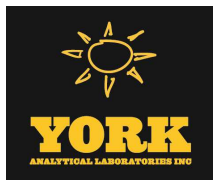
Collection Date/Time
July 21, 2025 12:15 pm

Date Received
07/21/2025

Q P PFAS, EPA 1633a Target List

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: OF-7A

York Sample ID: 25G1358-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25G1358

J2257015. Task 7

Surface Water

July 21, 2025 12:15 pm

07/21/2025

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
375-73-5	Perfluorobutanesulfonic acid (PFBS)	6.90		ng/L	0.763	1.73	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:36	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	37.9		ng/L	0.352	1.96	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:36	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	24.4		ng/L	0.685	1.96	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:36	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	120		ng/L	0.871	1.79	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:36	AM
335-67-1	Perfluorooctanoic acid (PFOA)	32.6		ng/L	0.773	1.96	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:36	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	440		ng/L	0.744	1.82	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:36	AM
375-95-1	Perfluorononanoic acid (PFNA)	22.6		ng/L	0.969	1.96	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:36	AM
335-76-2	Perfluorodecanoic acid (PFDA)	1.79	J	ng/L	0.558	1.96	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:36	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	21.6		ng/L	0.695	1.96	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:36	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.587	1.96	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:36	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	1.17	1.96	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:36	AM
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	1.55	1.96	1	EPA 1633A Certifications: NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:36	AM
2355-31-9	N-MeFOSAA	ND		ng/L	0.489	1.96	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:36	AM
2991-50-6	N-EtFOSAA	ND		ng/L	1.03	1.96	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:36	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	66.6		ng/L	0.871	3.91	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:36	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	0.639	J	ng/L	0.362	1.96	1	EPA 1633A Certifications: NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:36	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	4.67		ng/L	0.303	1.87	1	EPA 1633A Certifications: NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:36	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	0.607	1.89	1	EPA 1633A Certifications: NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:36	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	27.5		ng/L	2.27	7.44	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:36	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.20	7.51	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:36	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	14.8		ng/L	1.59	7.83	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:36	AM



Sample Information

Client Sample ID: OF-7A

York Sample ID: 25G1358-04

York Project (SDG) No.

25G1358

Client Project ID

J2257015. Task 7

Matrix

Surface Water

Collection Date/Time

July 21, 2025 12:15 pm

Date Received

07/21/2025

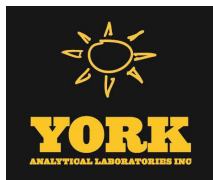
Q P PFAS, EPA 1633a Target List

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 (PFEESA)	ND		ng/L	0.489	3.48	1	EPA 1633A Certifications: NELAC-NY12058	07/22/2025 08:05	07/26/2025 05:36	AM
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.94	3.91	1	EPA 1633A Certifications: NELAC-NY12058	07/22/2025 08:05	07/26/2025 05:36	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.685	3.91	1	EPA 1633A Certifications: NELAC-NY12058	07/22/2025 08:05	07/26/2025 05:36	AM
863090-89-5	Perfluoro-5-oxaheptanoic acid (PFMBA)	ND		ng/L	1.37	3.91	1	EPA 1633A Certifications: NELAC-NY12058	07/22/2025 08:05	07/26/2025 05:36	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	10.5		ng/L	0.734	1.84	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:36	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	2.76	7.34	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:36	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.07	7.83	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:36	AM
763051-92-9	11CL-PF3OUdS	ND		ng/L	2.18	7.40	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:36	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	2.69	7.32	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:36	AM
919005-14-4	ADONA	ND		ng/L	2.91	7.40	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:36	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.871	1.90	1	EPA 1633A Certifications:	07/22/2025 08:05	07/26/2025 05:36	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.734	1.88	1	EPA 1633A Certifications: NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:36	AM
356-02-5	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ng/L	2.31	9.78	1	EPA 1633A Certifications:	07/22/2025 08:05	07/26/2025 05:36	AM
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ng/L	6.58	48.9	1	EPA 1633A Certifications:	07/22/2025 08:05	07/26/2025 05:36	AM
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ng/L	22.6	48.9	1	EPA 1633A Certifications:	07/22/2025 08:05	07/26/2025 05:36	AM
24448-09-7	* N-MeFOSE	ND		ng/L	6.95	19.6	1	EPA 1633A Certifications:	07/22/2025 08:05	07/26/2025 05:36	AM
31506-32-8	* N-MeFOSA	ND		ng/L	0.695	1.96	1	EPA 1633A Certifications:	07/22/2025 08:05	07/26/2025 05:36	AM
1691-99-2	* N-EtFOSE	ND		ng/L	7.12	19.6	1	EPA 1633A Certifications:	07/22/2025 08:05	07/26/2025 05:36	AM
4151-50-2	* N-EtFOSA	ND		ng/L	1.03	1.96	1	EPA 1633A Certifications:	07/22/2025 08:05	07/26/2025 05:36	AM



Sample Information

Client Sample ID: OF-7A

York Sample ID: 25G1358-04

York Project (SDG) No.
25G1358

Client Project ID
J2257015. Task 7

Matrix
Surface Water

Collection Date/Time
July 21, 2025 12:15 pm

Date Received
07/21/2025

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
Surrogate Recoveries		Result	Acceptance Range								
M3PFBS	Surrogate: M3PFBS	110 %	40-135								
13C4PFHPA	Surrogate: M4PFHpA	112 %	40-130								
13C3PFHXS	Surrogate: M3PFHxS	109 %	40-130								
13C8PFOA	Surrogate: Perfluoro-n- [13C8]octanoic acid (M8PFOA)	105 %	40-130								
13C6PFDA	Surrogate: M6PFDA	96.4 %	40-130								
13C7PFUNA	Surrogate: M7PFUdA	81.2 %	30-130								
960315-52-0	Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)	73.1 %	10-130								
13C2PFTEDA	Surrogate: M2PFTeDA	43.8 %	10-130								
13C4PFBA	Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	99.1 %	5-130								
13C8PFOS	Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	103 %	40-130								
13C5PFPEA	Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	102 %	40-130								
13C8FOSA	Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	109 %	40-130								
D3-NMEFOSAA	Surrogate: d3-N-MeFOSAA	85.0 %	40-170								
D5-NETFOSAA	Surrogate: d5-N-EtFOSAA	85.2 %	25-135								
M2-6:2FTS	Surrogate: M2-6:2 FTS	131 %	40-200								
M2-8:2FTS	Surrogate: M2-8:2 FTS	121 %	40-300								
13C9PFNA	Surrogate: M9PFNA	101 %	40-130								
M2-4:2FTS	Surrogate: M2-4:2 FTS	153 %	40-200								
936109-37-4	Surrogate: d-N-MeFOSA	68.9 %	10-130								
936109-40-9	Surrogate: d-N-EtFOSA	52.1 %	10-130								
M3HFPO-DA	Surrogate: M3HFPO-DA	117 %	40-130								
D9-NETPFOSA	Surrogate: d9-N-EtFOSE	54.5 %	10-130								
D7-NMEPFOSA	Surrogate: d7-N-MeFOSE	77.3 %	10-130								

Sample Information

Client Sample ID: E-10

York Sample ID: 25G1358-05

York Project (SDG) No.
25G1358

Client Project ID
J2257015. Task 7

Matrix
Surface Water

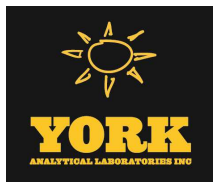
Collection Date/Time
July 21, 2025 12:00 pm

Date Received
07/21/2025

Q P PFAS, EPA 1633a Target List

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: E-10

York Sample ID: 25G1358-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25G1358

J2257015. Task 7

Surface Water

July 21, 2025 12:00 pm

07/21/2025

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
375-73-5	Perfluorobutanesulfonic acid (PFBS)	9.58		ng/L	0.755	1.71	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:51	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	38.6		ng/L	0.349	1.94	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:51	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	24.8		ng/L	0.678	1.94	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:51	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	124		ng/L	0.862	1.77	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:51	AM
335-67-1	Perfluorooctanoic acid (PFOA)	33.4		ng/L	0.765	1.94	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:51	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	234		ng/L	0.736	1.80	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:51	AM
375-95-1	Perfluorononanoic acid (PFNA)	19.9		ng/L	0.958	1.94	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:51	AM
335-76-2	Perfluorodecanoic acid (PFDA)	1.52	J	ng/L	0.552	1.94	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:51	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	3.36		ng/L	0.687	1.94	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:51	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.581	1.94	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:51	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	1.16	1.94	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:51	AM
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	1.53	1.94	1	EPA 1633A Certifications: NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:51	AM
2355-31-9	N-MeFOSAA	ND		ng/L	0.484	1.94	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:51	AM
2991-50-6	N-EtFOSAA	ND		ng/L	1.02	1.94	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:51	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	63.9		ng/L	0.862	3.87	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:51	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	0.523	J	ng/L	0.358	1.94	1	EPA 1633A Certifications: NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:51	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	3.37		ng/L	0.300	1.85	1	EPA 1633A Certifications: NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:51	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	0.600	1.87	1	EPA 1633A Certifications: NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:51	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	3.51	J	ng/L	2.25	7.36	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:51	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.18	7.44	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:51	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	22.9		ng/L	1.58	7.74	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:51	AM



Sample Information

Client Sample ID: E-10

York Sample ID: 25G1358-05

York Project (SDG) No.

25G1358

Client Project ID

J2257015. Task 7

Matrix

Surface Water

Collection Date/Time

July 21, 2025 12:00 pm

Date Received

07/21/2025

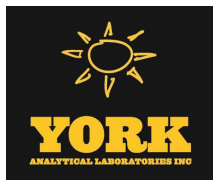
Q P PFAS, EPA 1633a Target List

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	0.484	3.45	1	EPA 1633A Certifications: NELAC-NY12058	07/22/2025 08:05	07/26/2025 05:51	AM
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.90	3.87	1	EPA 1633A Certifications: NELAC-NY12058	07/22/2025 08:05	07/26/2025 05:51	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.678	3.87	1	EPA 1633A Certifications: NELAC-NY12058	07/22/2025 08:05	07/26/2025 05:51	AM
863090-89-5	Perfluoro-5-oxaheptanoic acid (PFMBA)	ND		ng/L	1.36	3.87	1	EPA 1633A Certifications: NELAC-NY12058	07/22/2025 08:05	07/26/2025 05:51	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	9.07		ng/L	0.726	1.82	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:51	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	2.73	7.26	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:51	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.04	7.74	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:51	AM
763051-92-9	11CL-PF3OUdS	ND		ng/L	2.16	7.32	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:51	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	2.66	7.24	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:51	AM
919005-14-4	ADONA	ND		ng/L	2.88	7.32	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:51	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.862	1.88	1	EPA 1633A Certifications:	07/22/2025 08:05	07/26/2025 05:51	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.726	1.86	1	EPA 1633A Certifications: NJDEP-NY037	07/22/2025 08:05	07/26/2025 05:51	AM
356-02-5	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ng/L	2.28	9.68	1	EPA 1633A Certifications:	07/22/2025 08:05	07/26/2025 05:51	AM
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ng/L	6.52	48.4	1	EPA 1633A Certifications:	07/22/2025 08:05	07/26/2025 05:51	AM
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ng/L	22.3	48.4	1	EPA 1633A Certifications:	07/22/2025 08:05	07/26/2025 05:51	AM
24448-09-7	* N-MeFOSE	ND		ng/L	6.87	19.4	1	EPA 1633A Certifications:	07/22/2025 08:05	07/26/2025 05:51	AM
31506-32-8	* N-MeFOSA	ND		ng/L	0.687	1.94	1	EPA 1633A Certifications:	07/22/2025 08:05	07/26/2025 05:51	AM
1691-99-2	* N-EtFOSE	ND		ng/L	7.05	19.4	1	EPA 1633A Certifications:	07/22/2025 08:05	07/26/2025 05:51	AM
4151-50-2	* N-EtFOSA	ND		ng/L	1.02	1.94	1	EPA 1633A Certifications:	07/22/2025 08:05	07/26/2025 05:51	AM



Sample Information

Client Sample ID: E-10

York Sample ID: 25G1358-05

York Project (SDG) No.
25G1358

Client Project ID
J2257015. Task 7

Matrix
Surface Water

Collection Date/Time
July 21, 2025 12:00 pm

Date Received
07/21/2025

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
Surrogate Recoveries		Result	Acceptance Range								
M3PFBS	Surrogate: M3PFBS	99.8 %									
13C4PFHPA	Surrogate: M4PFHpA	119 %									
13C3PFHXS	Surrogate: M3PFHxS	101 %									
13C8PFOA	Surrogate: Perfluoro-n- [13C8]octanoic acid (M8PFOA)	99.3 %									
13C6PFDA	Surrogate: M6PFDA	81.7 %									
13C7PFUNA	Surrogate: M7PFUdA	64.1 %									
960315-52-0	Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)	47.9 %									
13C2PFTEDA	Surrogate: M2PFTeDA	30.4 %									
13C4PFBA	Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	93.0 %									
13C8PFOS	Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	94.3 %									
13C5PFPEA	Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	102 %									
13C8FOSA	Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	108 %									
D3-NMEFOSAA	Surrogate: d3-N-MeFOSAA	71.2 %									
D5-NETFOSAA	Surrogate: d5-N-EtFOSAA	66.6 %									
M2-6:2FTS	Surrogate: M2-6:2 FTS	134 %									
M2-8:2FTS	Surrogate: M2-8:2 FTS	110 %									
13C9PFNA	Surrogate: M9PFNA	101 %									
M2-4:2FTS	Surrogate: M2-4:2 FTS	137 %									
936109-37-4	Surrogate: d-N-MeFOSA	55.8 %									
936109-40-9	Surrogate: d-N-EtFOSA	38.8 %									
M3HFPO-DA	Surrogate: M3HFPO-DA	107 %									
D9-NETPFOSAI	Surrogate: d9-N-EtFOSE	32.8 %									
D7-NMEPFOSA	Surrogate: d7-N-MeFOSE	51.4 %									



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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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



Field Chain-of-Custody Record

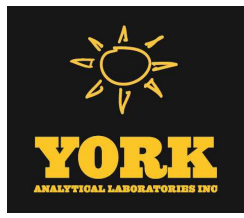
ALS Project Number

2561358

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 800-306-9675 800-306-9675

Page _____ of _____

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Technical Report

prepared for:

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

Report Date: 07/31/2025
Client Project ID: J2257015.Task 7
York Project (SDG) No.: 25G1361

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



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

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STRATFORD, CT 06615
(203) 325-1371



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

Report Date: 07/31/2025
Client Project ID: J2257015.Task 7
York Project (SDG) No.: 25G1361

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 July 21, 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.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
25G1361-01	TS OF-7 EFF	Water	07/21/2025	07/21/2025
25G1361-02	TS OF-7 GAC 3	Other	07/21/2025	07/21/2025
25G1361-03	TS OF-7 GAC 2	Water	07/21/2025	07/21/2025
25G1361-04	TS OF-7 INF 2	Surface Water	07/21/2025	07/21/2025
25G1361-05	TS OF-7 INF1	Water	07/21/2025	07/21/2025
25G1361-06	Trip Blank	Other	07/21/2025	07/21/2025

General Notes for York Project (SDG) No.: 25G1361

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.

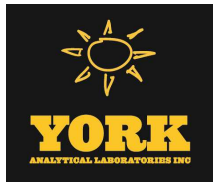
Approved By:



Cassie L. Mosher
Laboratory Manager

Date: 07/31/2025





Sample Information

Client Sample ID: TS OF-7 EFF

York Sample ID: 25G1361-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25G1361

J2257015.Task 7

Water

July 21, 2025 1:00 pm

07/21/2025

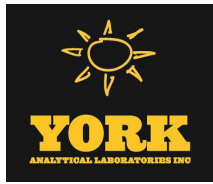
VOA, 8260 LOW MASTER

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: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 17:24	PMB
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 17:24	PMB
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 17:24	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: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 17:24	PMB
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 17:24	PMB
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 17:24	PMB
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 17:24	PMB
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/25/2025 07:00	07/25/2025 17:24	PMB
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/25/2025 07:00	07/25/2025 17:24	PMB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/25/2025 07:00	07/25/2025 17:24	PMB
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 17:24	PMB
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 17:24	PMB
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 17:24	PMB
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 17:24	PMB
107-06-2	1,2-Dichloroethane	2.32		ug/L	0.377	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	07/25/2025 07:00	07/25/2025 17:24	PMB
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 17:24	PMB
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 17:24	PMB
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 17:24	PMB



Sample Information

Client Sample ID: TS OF-7 EFF

York Sample ID: 25G1361-01

York Project (SDG) No.

25G1361

Client Project ID

J2257015.Task 7

Matrix

Water

Collection Date/Time

July 21, 2025 1:00 pm

Date Received

07/21/2025

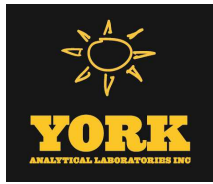
VOA, 8260 LOW MASTER

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
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/25/2025 07:00	07/25/2025 17:24	PMB
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 17:24	PMB
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 17:24	PMB
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 17:24	PMB
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 17:24	PMB
67-64-1	Acetone	6.89	QL-02	ug/L	1.34	2.00	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	07/25/2025 07:00	07/25/2025 17:24	PMB
107-02-8	Acrolein	ND		ug/L	0.447	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 17:24	PMB
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 17:24	PMB
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 17:24	PMB
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/25/2025 07:00	07/25/2025 17:24	PMB
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 17:24	PMB
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 17:24	PMB
74-83-9	Bromomethane	ND		ug/L	0.500	2.00	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 17:24	PMB
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 17:24	PMB
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 17:24	PMB
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 17:24	PMB
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 17:24	PMB
67-66-3	Chloroform	2.01		ug/L	0.243	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	07/25/2025 07:00	07/25/2025 17:24	PMB
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 17:24	PMB



Sample Information

Client Sample ID: TS OF-7 EFF

York Sample ID: 25G1361-01

York Project (SDG) No.

25G1361

Client Project ID

J2257015.Task 7

Matrix

Water

Collection Date/Time

July 21, 2025 1:00 pm

Date Received

07/21/2025

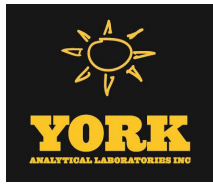
VOA, 8260 LOW MASTER

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
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 17:24	PMB
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 17:24	PMB
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/25/2025 07:00	07/25/2025 17:24	PMB
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 17:24	PMB
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/25/2025 07:00	07/25/2025 17:24	PMB
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/25/2025 07:00	07/25/2025 17:24	PMB
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 17:24	PMB
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/25/2025 07:00	07/25/2025 17:24	PMB
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 17:24	PMB
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/25/2025 07:00	07/25/2025 17:24	PMB
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 17:24	PMB
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/25/2025 07:00	07/25/2025 17:24	PMB
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 17:24	PMB
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/25/2025 07:00	07/25/2025 17:24	PMB
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 17:24	PMB
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 17:24	PMB
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044	07/25/2025 07:00	07/25/2025 17:24	PMB
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044	07/25/2025 07:00	07/25/2025 17:24	PMB
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D Certifications:	07/25/2025 07:00	07/25/2025 17:24	PMB



Sample Information

Client Sample ID: TS OF-7 EFF		York Sample ID: 25G1361-01			
York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received	
25G1361	J2257015.Task 7	Water	July 21, 2025 1:00 pm	07/21/2025	

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
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D Certifications:	07/25/2025 07:00	07/25/2025 17:24	PMB
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	07/25/2025 07:00	07/25/2025 17:24	PMB
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D Certifications:	07/25/2025 07:00	07/25/2025 17:24	PMB
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications:	07/25/2025 07:00	07/25/2025 17:24	PMB
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D Certifications:	07/25/2025 07:00	07/25/2025 17:24	PMB
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications:	07/25/2025 07:00	07/25/2025 17:24	PMB
127-18-4	Tetrachloroethylene	ND	CCVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D Certifications:	07/25/2025 07:00	07/25/2025 17:24	PMB
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications:	07/25/2025 07:00	07/25/2025 17:24	PMB
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	07/25/2025 07:00	07/25/2025 17:24	PMB
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications:	07/25/2025 07:00	07/25/2025 17:24	PMB
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	07/25/2025 07:00	07/25/2025 17:24	PMB
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications:	07/25/2025 07:00	07/25/2025 17:24	PMB
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D Certifications:	07/25/2025 07:00	07/25/2025 17:24	PMB
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D Certifications:	07/25/2025 07:00	07/25/2025 17:24	PMB
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	102 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	113 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	101 %	79-122								

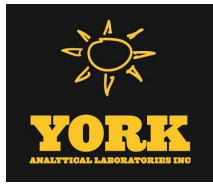
Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

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
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@		



Sample Information

Client Sample ID: TS OF-7 EFF

York Sample ID: 25G1361-01

York Project (SDG) No.

25G1361

Client Project ID

J2257015.Task 7

Matrix

Water

Collection Date/Time

July 21, 2025 1:00 pm

Date Received

07/21/2025

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,NELAC-NY10854	07/22/2025 10:06	07/23/2025 15:42	SS
Surrogate Recoveries		Result		Acceptance Range						
17647-74-4	Surrogate: 1,4-Dioxane-d8	80.0 %		36.6-118						

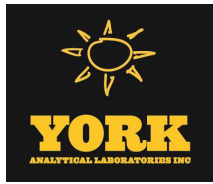
Q P PFAS, EPA 1633a Target List

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	0.755	1.71	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 06:07	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.348	1.94	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 06:07	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.678	1.94	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 06:07	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.862	1.77	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 06:07	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ng/L	0.765	1.94	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 06:07	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	1.42	J	ng/L	0.736	1.80	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 06:07	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.958	1.94	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 06:07	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.552	1.94	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 06:07	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	1.34	J	ng/L	0.687	1.94	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 06:07	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.581	1.94	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 06:07	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	1.16	1.94	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 06:07	AM
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	1.53	1.94	1	EPA 1633A Certifications: NJDEP-NY037	07/22/2025 08:05	07/26/2025 06:07	AM
2355-31-9	N-MeFOSAA	ND		ng/L	0.484	1.94	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 06:07	AM
2991-50-6	N-EtFOSAA	ND		ng/L	1.02	1.94	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 06:07	AM



Sample Information

Client Sample ID: TS OF-7 EFF

York Sample ID: 25G1361-01

York Project (SDG) No.

25G1361

Client Project ID

J2257015.Task 7

Matrix

Water

Collection Date/Time

July 21, 2025 1:00 pm

Date Received

07/21/2025

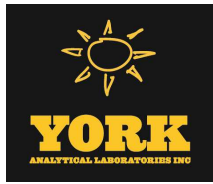
Q P PFAS, EPA 1633a Target List

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
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.862	3.87	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 06:07	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.358	1.94	1	EPA 1633A Certifications: NJDEP-NY037	07/22/2025 08:05	07/26/2025 06:07	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.300	1.85	1	EPA 1633A Certifications: NJDEP-NY037	07/22/2025 08:05	07/26/2025 06:07	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	0.600	1.87	1	EPA 1633A Certifications: NJDEP-NY037	07/22/2025 08:05	07/26/2025 06:07	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	2.25	7.36	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 06:07	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.18	7.43	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 06:07	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	1.58	7.74	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 06:07	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.484	3.45	1	EPA 1633A Certifications: NELAC-NY12058	07/22/2025 08:05	07/26/2025 06:07	AM
151772-58-6	Perfluoro-3,6-dioxahexanoic acid (NFDHA)	ND		ng/L	2.90	3.87	1	EPA 1633A Certifications: NELAC-NY12058	07/22/2025 08:05	07/26/2025 06:07	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.678	3.87	1	EPA 1633A Certifications: NELAC-NY12058	07/22/2025 08:05	07/26/2025 06:07	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	1.36	3.87	1	EPA 1633A Certifications: NELAC-NY12058	07/22/2025 08:05	07/26/2025 06:07	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.726	1.82	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 06:07	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	2.73	7.26	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 06:07	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.04	7.74	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 06:07	AM
763051-92-9	11CL-PF3OUdS	ND		ng/L	2.16	7.32	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 06:07	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	2.66	7.24	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 06:07	AM
919005-14-4	ADONA	ND		ng/L	2.87	7.32	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 06:07	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.862	1.88	1	EPA 1633A Certifications:	07/22/2025 08:05	07/26/2025 06:07	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.726	1.86	1	EPA 1633A Certifications: NJDEP-NY037	07/22/2025 08:05	07/26/2025 06:07	AM



Sample Information

Client Sample ID: TS OF-7 EFF

York Sample ID: 25G1361-01

York Project (SDG) No.

25G1361

Client Project ID

J2257015.Task 7

Matrix

Water

Collection Date/Time

July 21, 2025 1:00 pm

Date Received

07/21/2025

Q P PFAS, EPA 1633a Target List

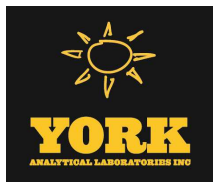
Log-in Notes:

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	2.28	9.68	1	EPA 1633A Certifications:	07/22/2025 08:05	07/26/2025 06:07	AM
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ng/L	6.51	48.4	1	EPA 1633A Certifications:	07/22/2025 08:05	07/26/2025 06:07	AM
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ng/L	22.3	48.4	1	EPA 1633A Certifications:	07/22/2025 08:05	07/26/2025 06:07	AM
24448-09-7	* N-MeFOSE	ND		ng/L	6.87	19.4	1	EPA 1633A Certifications:	07/22/2025 08:05	07/26/2025 06:07	AM
31506-32-8	* N-MeFOSA	ND		ng/L	0.687	1.94	1	EPA 1633A Certifications:	07/22/2025 08:05	07/26/2025 06:07	AM
1691-99-2	* N-EtFOSE	ND		ng/L	7.05	19.4	1	EPA 1633A Certifications:	07/22/2025 08:05	07/26/2025 06:07	AM
4151-50-2	* N-EtFOSA	ND		ng/L	1.02	1.94	1	EPA 1633A Certifications:	07/22/2025 08:05	07/26/2025 06:07	AM

Surrogate Recoveries		Result	Acceptance Range
M3PFBS	Surrogate: M3PFBS	109 %	40-135
13C4PFHPA	Surrogate: M4PFHpA	125 %	40-130
13C3PFHXS	Surrogate: M3PFHxS	108 %	40-130
13C8PFOA	Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	126 %	40-130
13C6PFDA	Surrogate: M6PFDA	89.1 %	40-130
13C7PFUNA	Surrogate: M7PFUdA	61.8 %	30-130
960315-52-0	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	58.8 %	10-130
13C2PFTEDA	Surrogate: M2PFTeDA	37.7 %	10-130
13C4PFBA	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	114 %	5-130
13C8PFOS	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	97.4 %	40-130
13C5PFPEA	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	125 %	40-130
13C8FOSA	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	113 %	40-130
D3-NMEFOSAA	Surrogate: d3-N-MeFOSAA	76.4 %	40-170
D5-NETFOSAA	Surrogate: d5-N-EtFOSAA	70.9 %	25-135
M2-6:2FTS	Surrogate: M2-6:2 FTS	117 %	40-200
M2-8:2FTS	Surrogate: M2-8:2 FTS	94.8 %	40-300
13C9PFNA	Surrogate: M9PFNA	112 %	40-130
M2-4:2FTS	Surrogate: M2-4:2 FTS	121 %	40-200
936109-37-4	Surrogate: d-N-MeFOSA	56.6 %	10-130
936109-40-9	Surrogate: d-N-EtFOSA	49.0 %	10-130



Sample Information

Client Sample ID: TS OF-7 EFF

York Sample ID: 25G1361-01

York Project (SDG) No.

25G1361

Client Project ID

J2257015.Task 7

Matrix

Water

Collection Date/Time

July 21, 2025 1:00 pm

Date Received

07/21/2025

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-NETPFOSAE	Surrogate: d9-N-EtFOSE	52.4 %			10-130						
D7-NMEPFOSAE	Surrogate: d7-N-MeFOSE	69.1 %			10-130						

Sample Information

Client Sample ID: TS OF-7 GAC 3

York Sample ID: 25G1361-02

York Project (SDG) No.

25G1361

Client Project ID

J2257015.Task 7

Matrix

Other

Collection Date/Time

July 21, 2025 12:46 pm

Date Received

07/21/2025

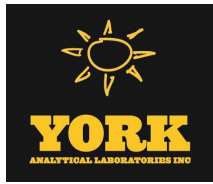
VOA, 8260 LOW MASTER

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: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 18:24	PMB
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 18:24	PMB
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 18:24	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: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 18:24	PMB
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 18:24	PMB
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 18:24	PMB
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 18:24	PMB
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/25/2025 07:00	07/25/2025 18:24	PMB
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/25/2025 07:00	07/25/2025 18:24	PMB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/25/2025 07:00	07/25/2025 18:24	PMB
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 18:24	PMB



Sample Information

Client Sample ID: TS OF-7 GAC 3

York Sample ID: 25G1361-02

York Project (SDG) No.

25G1361

Client Project ID

J2257015.Task 7

Matrix

Other

Collection Date/Time

July 21, 2025 12:46 pm

Date Received

07/21/2025

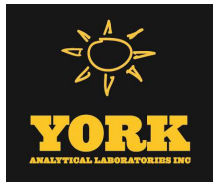
VOA, 8260 LOW MASTER

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
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 18:24	PMB
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 18:24	PMB
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 18:24	PMB
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 18:24	PMB
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 18:24	PMB
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 18:24	PMB
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 18:24	PMB
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/25/2025 07:00	07/25/2025 18:24	PMB
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 18:24	PMB
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 18:24	PMB
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 18:24	PMB
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 18:24	PMB
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 18:24	PMB
107-02-8	Acrolein	ND		ug/L	0.447	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 18:24	PMB
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 18:24	PMB
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 18:24	PMB
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/25/2025 07:00	07/25/2025 18:24	PMB
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 18:24	PMB
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 18:24	PMB



Sample Information

Client Sample ID: TS OF-7 GAC 3

York Sample ID: 25G1361-02

York Project (SDG) No.

25G1361

Client Project ID

J2257015.Task 7

Matrix

Other

Collection Date/Time

July 21, 2025 12:46 pm

Date Received

07/21/2025

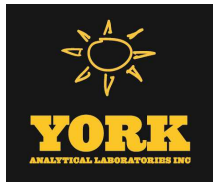
VOA, 8260 LOW MASTER

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
74-83-9	Bromomethane	ND		ug/L	0.500	2.00	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 18:24	PMB
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 18:24	PMB
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 18:24	PMB
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 18:24	PMB
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 18:24	PMB
67-66-3	Chloroform	1.87		ug/L	0.243	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	07/25/2025 07:00	07/25/2025 18:24	PMB
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 18:24	PMB
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 18:24	PMB
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 18:24	PMB
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/25/2025 07:00	07/25/2025 18:24	PMB
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 18:24	PMB
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/25/2025 07:00	07/25/2025 18:24	PMB
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/25/2025 07:00	07/25/2025 18:24	PMB
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 18:24	PMB
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/25/2025 07:00	07/25/2025 18:24	PMB
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 18:24	PMB
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/25/2025 07:00	07/25/2025 18:24	PMB
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 18:24	PMB
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/25/2025 07:00	07/25/2025 18:24	PMB



Sample Information

Client Sample ID: TS OF-7 GAC 3

York Sample ID: 25G1361-02

York Project (SDG) No.

25G1361

Client Project ID

J2257015.Task 7

Matrix

Other

Collection Date/Time

July 21, 2025 12:46 pm

Date Received

07/21/2025

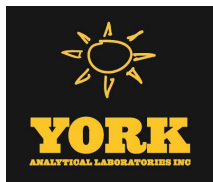
VOA, 8260 LOW MASTER

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	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 18:24	PMB
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/25/2025 07:00	07/25/2025 18:24	PMB
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 18:24	PMB
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 18:24	PMB
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044	07/25/2025 07:00	07/25/2025 18:24	PMB
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044	07/25/2025 07:00	07/25/2025 18:24	PMB
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D Certifications:	07/25/2025 07:00	07/25/2025 18:24	PMB
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D Certifications:	07/25/2025 07:00	07/25/2025 18:24	PMB
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 18:24	PMB
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 18:24	PMB
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 18:24	PMB
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/25/2025 07:00	07/25/2025 18:24	PMB
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 18:24	PMB
127-18-4	Tetrachloroethylene	ND	CCVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 18:24	PMB
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 18:24	PMB
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 18:24	PMB
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 18:24	PMB
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 18:24	PMB
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 18:24	PMB



Sample Information

Client Sample ID: TS OF-7 GAC 3

York Sample ID: 25G1361-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25G1361

J2257015.Task 7

Other

July 21, 2025 12:46 pm

07/21/2025

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
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 18:24	PMB
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	07/25/2025 07:00	07/25/2025 18:24	PMB
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	101 %		69-130							
2037-26-5	Surrogate: SURR: Toluene-d8	113 %		81-117							
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	101 %		79-122							

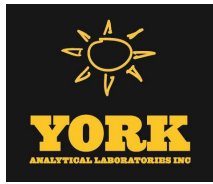
Q P PFAS, EPA 1633a Target List

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	0.755	1.71	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 06:22	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.349	1.94	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 06:22	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.678	1.94	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 06:22	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.862	1.77	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 06:22	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ng/L	0.765	1.94	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 06:22	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	1.51	J	ng/L	0.736	1.80	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 06:22	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.959	1.94	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 06:22	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.552	1.94	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 06:22	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	2.55		ng/L	0.688	1.94	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 06:22	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.581	1.94	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 06:22	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	1.16	1.94	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 06:22	AM
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	1.53	1.94	1	EPA 1633A Certifications: NJDEP-NY037	07/22/2025 08:05	07/26/2025 06:22	AM



Sample Information

Client Sample ID: TS OF-7 GAC 3

York Sample ID: 25G1361-02

York Project (SDG) No.

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Client Project ID

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Other

Collection Date/Time

July 21, 2025 12:46 pm

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
2355-31-9	N-MeFOSAA	ND		ng/L	0.484	1.94	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 06:22	AM
2991-50-6	N-EtFOSAA	ND		ng/L	1.02	1.94	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 06:22	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.862	3.87	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 06:22	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.358	1.94	1	EPA 1633A Certifications: NJDEP-NY037	07/22/2025 08:05	07/26/2025 06:22	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.300	1.85	1	EPA 1633A Certifications: NJDEP-NY037	07/22/2025 08:05	07/26/2025 06:22	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	0.600	1.87	1	EPA 1633A Certifications: NJDEP-NY037	07/22/2025 08:05	07/26/2025 06:22	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	2.25	7.36	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 06:22	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.18	7.44	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 06:22	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	1.58	7.75	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 06:22	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND		ng/L	0.484	3.45	1	EPA 1633A Certifications: NELAC-NY12058	07/22/2025 08:05	07/26/2025 06:22	AM
151772-58-6	Perfluoro-3,6-dioxahexanoic acid (NFDHA)	ND		ng/L	2.91	3.87	1	EPA 1633A Certifications: NELAC-NY12058	07/22/2025 08:05	07/26/2025 06:22	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.678	3.87	1	EPA 1633A Certifications: NELAC-NY12058	07/22/2025 08:05	07/26/2025 06:22	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	1.36	3.87	1	EPA 1633A Certifications: NELAC-NY12058	07/22/2025 08:05	07/26/2025 06:22	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.726	1.82	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 06:22	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	2.73	7.26	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 06:22	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.04	7.75	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 06:22	AM
763051-92-9	11CL-PF3OUdS	ND		ng/L	2.16	7.32	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 06:22	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	2.66	7.24	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 06:22	AM
919005-14-4	ADONA	ND		ng/L	2.88	7.32	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 06:22	AM



Sample Information

Client Sample ID: TS OF-7 GAC 3

York Sample ID: 25G1361-02

York Project (SDG) No.

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Other

July 21, 2025 12:46 pm

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Q P PFAS, EPA 1633a Target List

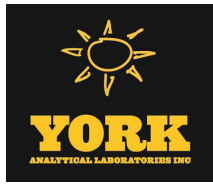
Log-in Notes:

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
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.862	1.88	1	EPA 1633A Certifications:	07/22/2025 08:05	07/26/2025 06:22	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.726	1.86	1	EPA 1633A Certifications: NJDEP-NY037	07/22/2025 08:05	07/26/2025 06:22	AM
356-02-5	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ng/L	2.29	9.68	1	EPA 1633A Certifications:	07/22/2025 08:05	07/26/2025 06:22	AM
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ng/L	6.52	48.4	1	EPA 1633A Certifications:	07/22/2025 08:05	07/26/2025 06:22	AM
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ng/L	22.3	48.4	1	EPA 1633A Certifications:	07/22/2025 08:05	07/26/2025 06:22	AM
24448-09-7	* N-MeFOSE	ND		ng/L	6.88	19.4	1	EPA 1633A Certifications:	07/22/2025 08:05	07/26/2025 06:22	AM
31506-32-8	* N-MeFOSA	ND		ng/L	0.688	1.94	1	EPA 1633A Certifications:	07/22/2025 08:05	07/26/2025 06:22	AM
1691-99-2	* N-EtFOSE	ND		ng/L	7.05	19.4	1	EPA 1633A Certifications:	07/22/2025 08:05	07/26/2025 06:22	AM
4151-50-2	* N-EtFOSA	ND		ng/L	1.02	1.94	1	EPA 1633A Certifications:	07/22/2025 08:05	07/26/2025 06:22	AM

Surrogate Recoveries		Result	Acceptance Range
M3PFBS	Surrogate: M3PFBS	107 %	40-135
13C4PFHPA	Surrogate: M4PFHpA	129 %	40-130
13C3PFHXS	Surrogate: M3PFHxS	112 %	40-130
13C8PFOA	Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	109 %	40-130
13C6PFDA	Surrogate: M6PFDA	88.7 %	40-130
13C7PFUNA	Surrogate: M7PFUdA	56.8 %	30-130
960315-52-0	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	38.3 %	10-130
13C2PFTEDA	Surrogate: M2PFTeDA	33.0 %	10-130
13C4PFBA	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	103 %	5-130
13C8PFOS	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	90.5 %	40-130
13C5PFPEA	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	114 %	40-130
13C8FOSA	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	107 %	40-130
D3-NMEFOSAA	Surrogate: d3-N-MeFOSAA	68.2 %	40-170
D5-NETFOSAA	Surrogate: d5-N-EtFOSAA	59.9 %	25-135
M2-6:2FTS	Surrogate: M2-6:2 FTS	120 %	40-200
M2-8:2FTS	Surrogate: M2-8:2 FTS	89.5 %	40-300



Sample Information

Client Sample ID: TS OF-7 GAC 3

York Sample ID: 25G1361-02

York Project (SDG) No.

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Other

Collection Date/Time

July 21, 2025 12:46 pm

Date Received

07/21/2025

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
13C9PFNA	Surrogate: M9PFNA	94.6 %			40-130						
M2-4:2FTS	Surrogate: M2-4:2 FTS	124 %			40-200						
936109-37-4	Surrogate: d-N-MeFOSA	56.9 %			10-130						
936109-40-9	Surrogate: d-N-EtFOSA	44.9 %			10-130						
M3HFPO-DA	Surrogate: M3HFPO-DA	123 %			40-130						
D9-NETPFOSAE	Surrogate: d9-N-EtFOSE	50.2 %			10-130						
D7-NMEPFOSAE	Surrogate: d7-N-MeFOSE	59.4 %			10-130						

Sample Information

Client Sample ID: TS OF-7 GAC 2

York Sample ID: 25G1361-03

York Project (SDG) No.

25G1361

Client Project ID

J2257015.Task 7

Matrix

Water

Collection Date/Time

July 21, 2025 12:35 pm

Date Received

07/21/2025

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: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 18:54	PMB
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 18:54	PMB
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 18:54	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: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 18:54	PMB
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 18:54	PMB
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 18:54	PMB
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 18:54	PMB
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/25/2025 07:00	07/25/2025 18:54	PMB
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/25/2025 07:00	07/25/2025 18:54	PMB



Sample Information

Client Sample ID: TS OF-7 GAC 2

York Sample ID: 25G1361-03

York Project (SDG) No.

Client Project ID

Matrix

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Water

July 21, 2025 12:35 pm

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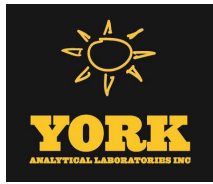
VOA, 8260 LOW MASTER

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
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/25/2025 07:00	07/25/2025 18:54	PMB
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 18:54	PMB
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 18:54	PMB
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 18:54	PMB
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 18:54	PMB
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 18:54	PMB
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 18:54	PMB
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 18:54	PMB
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 18:54	PMB
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/25/2025 07:00	07/25/2025 18:54	PMB
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 18:54	PMB
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 18:54	PMB
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 18:54	PMB
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 18:54	PMB
67-64-1	Acetone	6.70	QL-02	ug/L	1.34	2.00	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	07/25/2025 07:00	07/25/2025 18:54	PMB
107-02-8	Acrolein	ND		ug/L	0.447	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 18:54	PMB
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 18:54	PMB
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 18:54	PMB
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/25/2025 07:00	07/25/2025 18:54	PMB



Sample Information

Client Sample ID: TS OF-7 GAC 2

York Sample ID: 25G1361-03

York Project (SDG) No.

25G1361

Client Project ID

J2257015.Task 7

Matrix

Water

Collection Date/Time

July 21, 2025 12:35 pm

Date Received

07/21/2025

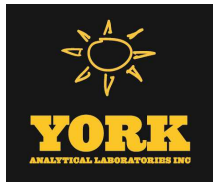
VOA, 8260 LOW MASTER

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: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 18:54	PMB
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 18:54	PMB
74-83-9	Bromomethane	ND		ug/L	0.500	2.00	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 18:54	PMB
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 18:54	PMB
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 18:54	PMB
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 18:54	PMB
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 18:54	PMB
67-66-3	Chloroform	2.26		ug/L	0.243	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	07/25/2025 07:00	07/25/2025 18:54	PMB
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 18:54	PMB
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 18:54	PMB
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 18:54	PMB
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/25/2025 07:00	07/25/2025 18:54	PMB
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 18:54	PMB
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/25/2025 07:00	07/25/2025 18:54	PMB
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/25/2025 07:00	07/25/2025 18:54	PMB
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 18:54	PMB
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/25/2025 07:00	07/25/2025 18:54	PMB
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 18:54	PMB
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/25/2025 07:00	07/25/2025 18:54	PMB



Sample Information

Client Sample ID: TS OF-7 GAC 2

York Sample ID: 25G1361-03

York Project (SDG) No.

25G1361

Client Project ID

J2257015.Task 7

Matrix

Water

Collection Date/Time

July 21, 2025 12:35 pm

Date Received

07/21/2025

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
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 18:54	PMB
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/25/2025 07:00	07/25/2025 18:54	PMB
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 18:54	PMB
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/25/2025 07:00	07/25/2025 18:54	PMB
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 18:54	PMB
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 18:54	PMB
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044	07/25/2025 07:00	07/25/2025 18:54	PMB
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044	07/25/2025 07:00	07/25/2025 18:54	PMB
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D Certifications:	07/25/2025 07:00	07/25/2025 18:54	PMB
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D Certifications:	07/25/2025 07:00	07/25/2025 18:54	PMB
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 18:54	PMB
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 18:54	PMB
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 18:54	PMB
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/25/2025 07:00	07/25/2025 18:54	PMB
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 18:54	PMB
127-18-4	Tetrachloroethylene	ND	CCVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 18:54	PMB
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 18:54	PMB
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 18:54	PMB
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 18:54	PMB



Sample Information

Client Sample ID: TS OF-7 GAC 2

York Sample ID: 25G1361-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25G1361

J2257015.Task 7

Water

July 21, 2025 12:35 pm

07/21/2025

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
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 18:54	PMB
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 18:54	PMB
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 18:54	PMB
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	07/25/2025 07:00	07/25/2025 18:54	PMB
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	102 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	113 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	101 %	79-122								

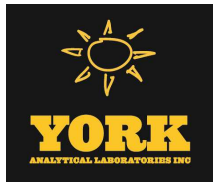
Q P PFAS, EPA 1633a Target List

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)	29.1		ng/L	0.754	1.71	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 06:37	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	180		ng/L	0.348	1.93	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 06:37	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	130		ng/L	0.676	1.93	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 06:37	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	551		ng/L	0.860	1.77	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 06:37	AM
335-67-1	Perfluorooctanoic acid (PFOA)	269		ng/L	0.763	1.93	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 06:37	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	1280		ng/L	3.67	8.99	5	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/30/2025 12:32	ESJ
375-95-1	Perfluorononanoic acid (PFNA)	99.5		ng/L	0.957	1.93	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 06:37	AM
335-76-2	Perfluorodecanoic acid (PFDA)	5.87		ng/L	0.551	1.93	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 06:37	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	18.8		ng/L	0.686	1.93	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 06:37	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.580	1.93	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 06:37	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	1.16	1.93	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 06:37	AM



Sample Information

Client Sample ID: TS OF-7 GAC 2

York Sample ID: 25G1361-03

York Project (SDG) No.

25G1361

Client Project ID

J2257015.Task 7

Matrix

Water

Collection Date/Time

July 21, 2025 12:35 pm

Date Received

07/21/2025

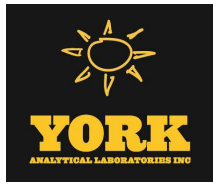
Q P PFAS, EPA 1633a Target List

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	1.53	1.93	1	EPA 1633A Certifications: NJDEP-NY037	07/22/2025 08:05	07/26/2025 06:37	AM
2355-31-9	N-MeFOSAA	ND		ng/L	0.483	1.93	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 06:37	AM
2991-50-6	N-EtFOSAA	ND		ng/L	1.01	1.93	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 06:37	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	320		ng/L	0.860	3.87	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 06:37	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	3.68		ng/L	0.358	1.93	1	EPA 1633A Certifications: NJDEP-NY037	07/22/2025 08:05	07/26/2025 06:37	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	22.2		ng/L	0.300	1.85	1	EPA 1633A Certifications: NJDEP-NY037	07/22/2025 08:05	07/26/2025 06:37	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	0.599	1.86	1	EPA 1633A Certifications: NJDEP-NY037	07/22/2025 08:05	07/26/2025 06:37	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	134		ng/L	2.24	7.34	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 06:37	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	13.5		ng/L	2.17	7.42	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 06:37	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	102		ng/L	1.58	7.73	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 06:37	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND		ng/L	0.483	3.44	1	EPA 1633A Certifications: NELAC-NY12058	07/22/2025 08:05	07/26/2025 06:37	AM
151772-58-6	Perfluoro-3,6-dioxahexanoic acid (NFDHA)	ND		ng/L	2.90	3.87	1	EPA 1633A Certifications: NELAC-NY12058	07/22/2025 08:05	07/26/2025 06:37	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.676	3.87	1	EPA 1633A Certifications: NELAC-NY12058	07/22/2025 08:05	07/26/2025 06:37	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	1.35	3.87	1	EPA 1633A Certifications: NELAC-NY12058	07/22/2025 08:05	07/26/2025 06:37	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	48.9		ng/L	0.725	1.82	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 06:37	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	2.72	7.25	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 06:37	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.03	7.73	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 06:37	AM
763051-92-9	11CL-PF3OUdS	ND		ng/L	2.15	7.30	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 06:37	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	2.66	7.23	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 06:37	AM
919005-14-4	ADONA	ND		ng/L	2.87	7.30	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 06:37	AM



Sample Information

Client Sample ID: TS OF-7 GAC 2

York Sample ID: 25G1361-03

York Project (SDG) No.

25G1361

Client Project ID

J2257015.Task 7

Matrix

Water

Collection Date/Time

July 21, 2025 12:35 pm

Date Received

07/21/2025

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		ng/L	0.860	1.87	1	EPA 1633A Certifications:	07/22/2025 08:05	07/26/2025 06:37	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.725	1.86	1	EPA 1633A Certifications: NJDEP-NY037	07/22/2025 08:05	07/26/2025 06:37	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:	07/22/2025 08:05	07/26/2025 06:37	AM
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ng/L	6.50	48.3	1	EPA 1633A Certifications:	07/22/2025 08:05	07/26/2025 06:37	AM
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ng/L	22.3	48.3	1	EPA 1633A Certifications:	07/22/2025 08:05	07/26/2025 06:37	AM
24448-09-7	* N-MeFOSE	ND		ng/L	6.86	19.3	1	EPA 1633A Certifications:	07/22/2025 08:05	07/26/2025 06:37	AM
31506-32-8	* N-MeFOSA	ND		ng/L	0.686	1.93	1	EPA 1633A Certifications:	07/22/2025 08:05	07/26/2025 06:37	AM
1691-99-2	* N-EtFOSE	ND		ng/L	7.03	19.3	1	EPA 1633A Certifications:	07/22/2025 08:05	07/26/2025 06:37	AM
4151-50-2	* N-EtFOSA	ND		ng/L	1.01	1.93	1	EPA 1633A Certifications:	07/22/2025 08:05	07/26/2025 06:37	AM

Surrogate Recoveries		Result	Acceptance Range	
M3PFBS	Surrogate: M3PFBS	116 %	40-135	
M3PFBS	Surrogate: M3PFBS	108 %	40-135	
13C4PFHPA	Surrogate: M4PFHpA	80.0 %	40-130	
13C4PFHPA	Surrogate: M4PFHpA	112 %	40-130	
13C3PFHXS	Surrogate: M3PFHxS	105 %	40-130	
13C3PFHXS	Surrogate: M3PFHxS	106 %	40-130	
13C8PFOA	Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	95.6 %	40-130	
13C8PFOA	Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	95.0 %	40-130	
13C6PFDA	Surrogate: M6PFDA	87.5 %	40-130	
13C6PFDA	Surrogate: M6PFDA	106 %	40-130	
13C7PFUNA	Surrogate: M7PFUdA	60.6 %	30-130	
13C7PFUNA	Surrogate: M7PFUdA	72.0 %	30-130	
960315-52-0	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	49.5 %	10-130	
960315-52-0	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	55.6 %	10-130	
13C2PFTEDA	Surrogate: M2PFTeDA	30.5 %	10-130	
13C2PFTEDA	Surrogate: M2PFTeDA	35.8 %	10-130	
13C4PFBA	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	149 %	PFSu-H	5-130



Sample Information

Client Sample ID: TS OF-7 GAC 2

York Sample ID: 25G1361-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25G1361

J2257015.Task 7

Water

July 21, 2025 12:35 pm

07/21/2025

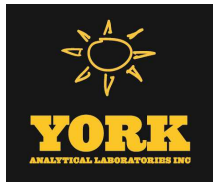
Q P PFAS, EPA 1633a Target List

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)	87.0 %			5-130						
13C8PFOS	Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	111 %			40-130						
13C8PFOS	Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	116 %			40-130						
13C5PFPEA	Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	107 %			40-130						
13C5PFPEA	Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	101 %			40-130						
13C8FOSA	Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	99.2 %			40-130						
13C8FOSA	Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	137 %	PFSu-H		40-130						
D3-NMEFOSAA	Surrogate: d3-N-MeFOSAA	84.8 %			40-170						
D3-NMEFOSAA	Surrogate: d3-N-MeFOSAA	93.3 %			40-170						
D5-NETFOSAA	Surrogate: d5-N-EtFOSAA	79.7 %			25-135						
D5-NETFOSAA	Surrogate: d5-N-EtFOSAA	94.2 %			25-135						
M2-6:2FTS	Surrogate: M2-6:2 FTS	145 %			40-200						
M2-6:2FTS	Surrogate: M2-6:2 FTS	139 %			40-200						
M2-8:2FTS	Surrogate: M2-8:2 FTS	107 %			40-300						
M2-8:2FTS	Surrogate: M2-8:2 FTS	114 %			40-300						
13C9PFNA	Surrogate: M9PFNA	121 %			40-130						
13C9PFNA	Surrogate: M9PFNA	107 %			40-130						
M2-4:2FTS	Surrogate: M2-4:2 FTS	157 %			40-200						
M2-4:2FTS	Surrogate: M2-4:2 FTS	170 %			40-200						
936109-37-4	Surrogate: d-N-MeFOSA	56.1 %			10-130						
936109-37-4	Surrogate: d-N-MeFOSA	81.9 %			10-130						
936109-40-9	Surrogate: d-N-EtFOSA	50.1 %			10-130						
936109-40-9	Surrogate: d-N-EtFOSA	61.6 %			10-130						
M3HFPO-DA	Surrogate: M3HFPO-DA	88.8 %			40-130						
M3HFPO-DA	Surrogate: M3HFPO-DA	129 %			40-130						
D9-NETPFOSAE	Surrogate: d9-N-EtFOSE	44.7 %			10-130						
D9-NETPFOSAE	Surrogate: d9-N-EtFOSE	64.0 %			10-130						
D7-NMEPFOSAE	Surrogate: d7-N-MeFOSE	53.9 %			10-130						
D7-NMEPFOSAE	Surrogate: d7-N-MeFOSE	76.6 %			10-130						



Sample Information

Client Sample ID: TS OF-7 INF 2

York Sample ID: 25G1361-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25G1361

J2257015.Task 7

Surface Water

July 21, 2025 12:16 pm

07/21/2025

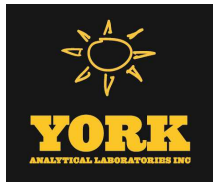
VOA, 8260 LOW MASTER

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: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 19:24	PMB
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 19:24	PMB
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 19:24	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: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 19:24	PMB
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 19:24	PMB
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 19:24	PMB
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 19:24	PMB
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/25/2025 07:00	07/25/2025 19:24	PMB
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/25/2025 07:00	07/25/2025 19:24	PMB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/25/2025 07:00	07/25/2025 19:24	PMB
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 19:24	PMB
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 19:24	PMB
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 19:24	PMB
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 19:24	PMB
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 19:24	PMB
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 19:24	PMB
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 19:24	PMB
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 19:24	PMB



Sample Information

Client Sample ID: TS OF-7 INF 2

York Sample ID: 25G1361-04

York Project (SDG) No.

25G1361

Client Project ID

J2257015.Task 7

Matrix

Surface Water

Collection Date/Time

July 21, 2025 12:16 pm

Date Received

07/21/2025

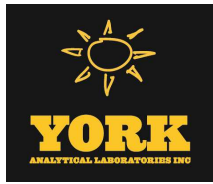
VOA, 8260 LOW MASTER

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
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/25/2025 07:00	07/25/2025 19:24	PMB
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 19:24	PMB
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 19:24	PMB
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 19:24	PMB
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 19:24	PMB
67-64-1	Acetone	9.55	QL-02	ug/L	1.34	2.00	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	07/25/2025 07:00	07/25/2025 19:24	PMB
107-02-8	Acrolein	ND		ug/L	0.447	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 19:24	PMB
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 19:24	PMB
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 19:24	PMB
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/25/2025 07:00	07/25/2025 19:24	PMB
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 19:24	PMB
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 19:24	PMB
74-83-9	Bromomethane	ND		ug/L	0.500	2.00	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 19:24	PMB
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 19:24	PMB
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 19:24	PMB
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 19:24	PMB
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 19:24	PMB
67-66-3	Chloroform	2.20		ug/L	0.243	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	07/25/2025 07:00	07/25/2025 19:24	PMB
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 19:24	PMB



Sample Information

Client Sample ID: TS OF-7 INF 2

York Sample ID: 25G1361-04

York Project (SDG) No.

25G1361

Client Project ID

J2257015.Task 7

Matrix

Surface Water

Collection Date/Time

July 21, 2025 12:16 pm

Date Received

07/21/2025

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
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 19:24	PMB
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 19:24	PMB
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/25/2025 07:00	07/25/2025 19:24	PMB
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 19:24	PMB
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/25/2025 07:00	07/25/2025 19:24	PMB
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/25/2025 07:00	07/25/2025 19:24	PMB
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 19:24	PMB
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/25/2025 07:00	07/25/2025 19:24	PMB
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 19:24	PMB
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/25/2025 07:00	07/25/2025 19:24	PMB
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 19:24	PMB
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/25/2025 07:00	07/25/2025 19:24	PMB
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 19:24	PMB
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/25/2025 07:00	07/25/2025 19:24	PMB
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 19:24	PMB
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 19:24	PMB
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044	07/25/2025 07:00	07/25/2025 19:24	PMB
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044	07/25/2025 07:00	07/25/2025 19:24	PMB
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D Certifications:	07/25/2025 07:00	07/25/2025 19:24	PMB



York Sample ID: 25G1361-04

Date Received

07/21/2025

Sample Notes:

Q P PFAS, EPA 1633a Target List

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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: TS OF-7 INF 2

York Sample ID: 25G1361-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25G1361

J2257015.Task 7

Surface Water

July 21, 2025 12:16 pm

07/21/2025

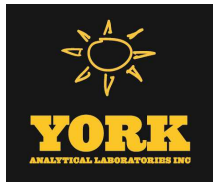
Q P PFAS, EPA 1633a Target List

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)	56.8		ng/L	0.755	1.71	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/30/2025 11:15	ESJ
307-24-4	Perfluorohexanoic acid (PFHxA)	338		ng/L	0.348	1.93	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/30/2025 11:15	ESJ
375-85-9	Perfluoroheptanoic acid (PFHpA)	210		ng/L	0.677	1.93	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/30/2025 11:15	ESJ
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	1180		ng/L	8.61	17.7	10	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/31/2025 15:26	ESJ
335-67-1	Perfluorooctanoic acid (PFOA)	524		ng/L	0.764	1.93	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/30/2025 11:15	ESJ
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	2570		ng/L	7.35	18.0	10	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/31/2025 15:26	ESJ
375-95-1	Perfluorononanoic acid (PFNA)	212		ng/L	0.958	1.93	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/30/2025 11:15	ESJ
335-76-2	Perfluorodecanoic acid (PFDA)	14.3		ng/L	0.551	1.93	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/30/2025 11:15	ESJ
2058-94-8	Perfluoroundecanoic acid (PFUnA)	40.1		ng/L	0.687	1.93	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/30/2025 11:15	ESJ
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.580	1.93	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/30/2025 11:15	ESJ
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	1.16	1.93	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/30/2025 11:15	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	1.53	1.93	1	EPA 1633A Certifications: NJDEP-NY037	07/22/2025 08:05	07/30/2025 11:15	ESJ
2355-31-9	N-MeFOSAA	ND		ng/L	0.484	1.93	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/30/2025 11:15	ESJ
2991-50-6	N-EtFOSAA	ND		ng/L	1.02	1.93	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/30/2025 11:15	ESJ
2706-90-3	Perfluoropentanoic acid (PFPeA)	483		ng/L	0.861	3.87	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/30/2025 11:15	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	11.0		ng/L	0.358	1.93	1	EPA 1633A Certifications: NJDEP-NY037	07/22/2025 08:05	07/30/2025 11:15	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	55.0		ng/L	0.300	1.85	1	EPA 1633A Certifications: NJDEP-NY037	07/22/2025 08:05	07/30/2025 11:15	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	0.600	1.87	1	EPA 1633A Certifications: NJDEP-NY037	07/22/2025 08:05	07/30/2025 11:15	ESJ
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	270		ng/L	2.24	7.35	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/30/2025 11:15	ESJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	32.1		ng/L	2.18	7.43	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/30/2025 11:15	ESJ



Sample Information

Client Sample ID: TS OF-7 INF 2

York Sample ID: 25G1361-04

York Project (SDG) No.

25G1361

Client Project ID

J2257015.Task 7

Matrix

Surface Water

Collection Date/Time

July 21, 2025 12:16 pm

Date Received

07/21/2025

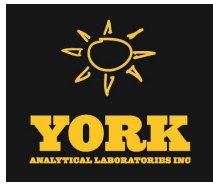
Q P PFAS, EPA 1633a Target List

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)	123		ng/L	1.58	7.74	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/30/2025 11:15	ESJ
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND		ng/L	0.484	3.44	1	EPA 1633A Certifications: NELAC-NY12058	07/22/2025 08:05	07/30/2025 11:15	ESJ
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.90	3.87	1	EPA 1633A Certifications: NELAC-NY12058	07/22/2025 08:05	07/30/2025 11:15	ESJ
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.677	3.87	1	EPA 1633A Certifications: NELAC-NY12058	07/22/2025 08:05	07/30/2025 11:15	ESJ
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	1.35	3.87	1	EPA 1633A Certifications: NELAC-NY12058	07/22/2025 08:05	07/30/2025 11:15	ESJ
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	110		ng/L	0.726	1.82	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/30/2025 11:15	ESJ
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	2.73	7.26	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/30/2025 11:15	ESJ
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.04	7.74	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/30/2025 11:15	ESJ
763051-92-9	11CL-PF3OUdS	ND		ng/L	2.16	7.31	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/30/2025 11:15	ESJ
756426-58-1	9CL-PF3ONS	ND		ng/L	2.66	7.24	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/30/2025 11:15	ESJ
919005-14-4	ADONA	ND		ng/L	2.87	7.31	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/30/2025 11:15	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.861	1.88	1	EPA 1633A Certifications:	07/22/2025 08:05	07/30/2025 11:15	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.726	1.86	1	EPA 1633A Certifications: NJDEP-NY037	07/22/2025 08:05	07/30/2025 11:15	ESJ
356-02-5	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ng/L	2.28	9.67	1	EPA 1633A Certifications:	07/22/2025 08:05	07/30/2025 11:15	ESJ
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ng/L	6.51	48.4	1	EPA 1633A Certifications:	07/22/2025 08:05	07/30/2025 11:15	ESJ
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ng/L	22.3	48.4	1	EPA 1633A Certifications:	07/22/2025 08:05	07/30/2025 11:15	ESJ
24448-09-7	* N-MeFOSE	ND		ng/L	6.87	19.3	1	EPA 1633A Certifications:	07/22/2025 08:05	07/30/2025 11:15	ESJ
31506-32-8	* N-MeFOSA	ND		ng/L	0.687	1.93	1	EPA 1633A Certifications:	07/22/2025 08:05	07/30/2025 11:15	ESJ
1691-99-2	* N-EtFOSE	ND		ng/L	7.04	19.3	1	EPA 1633A Certifications:	07/22/2025 08:05	07/30/2025 11:15	ESJ



Sample Information

Client Sample ID: TS OF-7 INF 2

York Sample ID: 25G1361-04

York Project (SDG) No.

25G1361

Client Project ID

J2257015.Task 7

Matrix

Surface Water

Collection Date/Time

July 21, 2025 12:16 pm

Date Received

07/21/2025

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
4151-50-2	* N-EtFOSA	ND		ng/L	1.02	1.93	1	EPA 1633A Certifications:	07/22/2025 08:05	07/30/2025 11:15	ESJ
M3PFBA	* M3PFBA	5.00		ng/mL			10	EPA 1633A Certifications:	07/22/2025 08:05	07/31/2025 15:26	ESJ
MPFDA	* MPFDA	1.25		ng/mL			10	EPA 1633A Certifications:	07/22/2025 08:05	07/31/2025 15:26	ESJ
307-24-4	* MPFHxA	2.50		ng/mL			10	EPA 1633A Certifications:	07/22/2025 08:05	07/31/2025 15:26	ESJ
	* MPFHxS	2.37		ng/mL			10	EPA 1633A Certifications:	07/22/2025 08:05	07/31/2025 15:26	ESJ
	* MPFNA	1.25		ng/mL			10	EPA 1633A Certifications:	07/22/2025 08:05	07/31/2025 15:26	ESJ
	* MPFOA	2.50		ng/mL			10	EPA 1633A Certifications:	07/22/2025 08:05	07/31/2025 15:26	ESJ
960315-53-1	* MPFOS	2.40		ng/mL			10	EPA 1633A Certifications:	07/22/2025 08:05	07/31/2025 15:26	ESJ
13C9PFNA	* Perfluoro-n-[13C9]nonanoic acid (M9PFNA)-EIS	1.25		ng/mL			10	EPA 1633A Certifications:	07/22/2025 08:05	07/31/2025 15:26	ESJ
13C8PFOA	* Perfluoro-n-[13C8]octanoic acid (M8PFOA)-EIS	2.50		ng/mL			10	EPA 1633A Certifications:	07/22/2025 08:05	07/31/2025 15:26	ESJ
13C5PFPEA	* Perfluoro-n-[13C54]pentanoic acid (M5PFPeA)-EIS	5.00		ng/mL			10	EPA 1633A Certifications:	07/22/2025 08:05	07/31/2025 15:26	ESJ
13C4PFBA	* Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	10.0		ng/mL			10	EPA 1633A Certifications:	07/22/2025 08:05	07/31/2025 15:26	ESJ
960315-52-0	* Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)-EIS	1.25		ng/mL			10	EPA 1633A Certifications:	07/22/2025 08:05	07/31/2025 15:26	ESJ
13C8PFOS	* Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)-EIS	2.40		ng/mL			10	EPA 1633A Certifications:	07/22/2025 08:05	07/31/2025 15:26	ESJ
13C8FOSA	* Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)-EIS	2.50		ng/mL			10	EPA 1633A Certifications:	07/22/2025 08:05	07/31/2025 15:26	ESJ
13C7PFUNA	* M7PFUdA-EIS	1.25		ng/mL			10	EPA 1633A Certifications:	07/22/2025 08:05	07/31/2025 15:26	ESJ
13C6PFDA	* M6PFDA-EIS	1.25		ng/mL			10	EPA 1633A Certifications:	07/22/2025 08:05	07/31/2025 15:26	ESJ
338-30-1	* M5PFHxA-EIS	2.50		ng/mL			10	EPA 1633A Certifications:	07/22/2025 08:05	07/31/2025 15:26	ESJ
13C4PFHPA	* M4PFHPa-EIS	2.50		ng/mL			10	EPA 1633A Certifications:	07/22/2025 08:05	07/31/2025 15:26	ESJ
13C3PFHXS	* M3PFHxS-EIS	2.37		ng/mL			10	EPA 1633A Certifications:	07/22/2025 08:05	07/31/2025 15:26	ESJ



Sample Information

Client Sample ID: TS OF-7 INF 2

York Sample ID: 25G1361-04

York Project (SDG) No.

25G1361

Client Project ID

J2257015.Task 7

Matrix

Surface Water

Collection Date/Time

July 21, 2025 12:16 pm

Date Received

07/21/2025

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	* M3PFBS-EIS	2.33		ng/mL			10	EPA 1633A Certifications:	07/22/2025 08:05	07/31/2025 15:26	ESJ
M3HFPO-DA	* M3-HFPO-DA-EIS	10.0		ng/mL			10	EPA 1633A Certifications:	07/22/2025 08:05	07/31/2025 15:26	ESJ
13C2PFTEDA	* M2PFTeDA-EIS	1.25		ng/mL			10	EPA 1633A Certifications:	07/22/2025 08:05	07/31/2025 15:26	ESJ
M2-8:2FTS	* M2-8-2FTS-EIS	4.80		ng/mL			10	EPA 1633A Certifications:	07/22/2025 08:05	07/31/2025 15:26	ESJ
M2-6:2FTS	* M2-6-2FTS-EIS	4.76		ng/mL			10	EPA 1633A Certifications:	07/22/2025 08:05	07/31/2025 15:26	ESJ
M2-4:2FTS	* M2-4-2FTS-EIS	4.69		ng/mL			10	EPA 1633A Certifications:	07/22/2025 08:05	07/31/2025 15:26	ESJ
D9-NETPFOSAE	* d9-NEtFOSE-EIS	25.0		ng/mL			10	EPA 1633A Certifications:	07/22/2025 08:05	07/31/2025 15:26	ESJ
D7-NMEPFOSAE	* d7-NMeFOSE-EIS	25.0		ng/mL			10	EPA 1633A Certifications:	07/22/2025 08:05	07/31/2025 15:26	ESJ
D5-NETFOSA	* d5-NEtFOSA-EIS	2.50		ng/mL			10	EPA 1633A Certifications:	07/22/2025 08:05	07/31/2025 15:26	ESJ
D5-NETFOSAA	* d5-N-EtFOSAA-EIS	5.00		ng/mL			10	EPA 1633A Certifications:	07/22/2025 08:05	07/31/2025 15:26	ESJ
D3-NMEFOSA	* d3-NMeFOSA-EIS	2.50		ng/mL			10	EPA 1633A Certifications:	07/22/2025 08:05	07/31/2025 15:26	ESJ
D3-NMEFOSAA	* d3-N-MeFOSAA-EIS	5.00		ng/mL			10	EPA 1633A Certifications:	07/22/2025 08:05	07/31/2025 15:26	ESJ
1180-95-6	* Taurodeoxycholic Acid (TDCA)	0.00		ng/L			10	EPA 1633A Certifications:	07/22/2025 08:05	07/31/2025 15:26	ESJ

Surrogate Recoveries		Result	Acceptance Range
M3PFBS	Surrogate: M3PFBS	112 %	40-135
M3PFBS	Surrogate: M3PFBS	97.8 %	40-135
338-30-1	Surrogate: M5PFHxA	100 %	40-130
13C4PFHPA	Surrogate: M4PFHpA	112 %	40-130
13C4PFHPA	Surrogate: M4PFHpA	132 %	40-130
13C3PFHXS	Surrogate: M3PFHxS	98.6 %	40-130
13C3PFHXS	Surrogate: M3PFHxS	96.6 %	40-130
13C8PFOA	Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	92.2 %	40-130
13C8PFOA	Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	88.6 %	40-130
13C6PFDA	Surrogate: M6PFDA	78.4 %	40-130
13C6PFDA	Surrogate: M6PFDA	64.3 %	40-130
13C7PFUNA	Surrogate: M7PFUdA	65.2 %	30-130
13C7PFUNA	Surrogate: M7PFUdA	50.7 %	30-130



Sample Information

Client Sample ID: TS OF-7 INF 2

York Sample ID: 25G1361-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25G1361

J2257015.Task 7

Surface Water

July 21, 2025 12:16 pm

07/21/2025

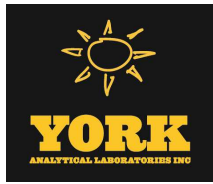
Q P PFAS, EPA 1633a Target List

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)	49.5 %			10-130						
960315-52-0	Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)	46.7 %			10-130						
13C2PFTEDA	Surrogate: M2PFTeDA	21.8 %			10-130						
13C2PFTEDA	Surrogate: M2PFTeDA	30.8 %			10-130						
13C4PFBA	Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	114 %			5-130						
13C4PFBA	Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	88.1 %			5-130						
13C8PFOS	Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	111 %			40-130						
13C8PFOS	Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	103 %			40-130						
13C5PFPEA	Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	101 %			40-130						
13C5PFPEA	Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	91.1 %			40-130						
13C8FOSA	Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	131 %	PFSu-H		40-130						
13C8FOSA	Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	88.9 %			40-130						
D3-NMEFOSAA	Surrogate: d3-N-MeFOSAA	88.8 %			40-170						
D3-NMEFOSAA	Surrogate: d3-N-MeFOSAA	77.9 %			40-170						
D5-NETFOSAA	Surrogate: d5-N-EtFOSAA	95.2 %			25-135						
D5-NETFOSAA	Surrogate: d5-N-EtFOSAA	76.2 %			25-135						
M2-6:2FTS	Surrogate: M2-6:2 FTS	177 %			40-200						
M2-6:2FTS	Surrogate: M2-6:2 FTS	146 %			40-200						
M2-8:2FTS	Surrogate: M2-8:2 FTS	142 %			40-300						
M2-8:2FTS	Surrogate: M2-8:2 FTS	90.7 %			40-300						
13C9PFNA	Surrogate: M9PFNA	79.4 %			40-130						
13C9PFNA	Surrogate: M9PFNA	96.3 %			40-130						
M2-4:2FTS	Surrogate: M2-4:2 FTS	210 %	PFSu-H		40-200						
M2-4:2FTS	Surrogate: M2-4:2 FTS	137 %			40-200						
936109-37-4	Surrogate: d-N-MeFOSA	85.1 %			10-130						
936109-37-4	Surrogate: d-N-MeFOSA	62.5 %			10-130						
936109-40-9	Surrogate: d-N-EtFOSA	58.4 %			10-130						
936109-40-9	Surrogate: d-N-EtFOSA	50.4 %			10-130						
M3HFPO-DA	Surrogate: M3HFPO-DA	101 %			40-130						
M3HFPO-DA	Surrogate: M3HFPO-DA	116 %			40-130						
D9-NETPFOSAE	Surrogate: d9-N-EtFOSE	51.4 %			10-130						
D9-NETPFOSAE	Surrogate: d9-N-EtFOSE	27.3 %			10-130						
D7-NMEPFOSAE	Surrogate: d7-N-MeFOSE	62.2 %			10-130						



Sample Information

Client Sample ID: TS OF-7 INF 2

York Sample ID: 25G1361-04

York Project (SDG) No.

25G1361

Client Project ID

J2257015.Task 7

Matrix

Surface Water

Collection Date/Time

July 21, 2025 12:16 pm

Date Received

07/21/2025

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
D7-NMEPFOSAE Surrogate: d7-N-MeFOSE		44.5 %			10-130						

Sample Information

Client Sample ID: TS OF-7 INF1

York Sample ID: 25G1361-05

York Project (SDG) No.

25G1361

Client Project ID

J2257015.Task 7

Matrix

Water

Collection Date/Time

July 21, 2025 12:00 pm

Date Received

07/21/2025

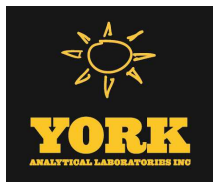
VOA, 8260 LOW MASTER

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: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 20:54	PMB
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 20:54	PMB
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 20:54	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: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 20:54	PMB
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 20:54	PMB
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 20:54	PMB
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 20:54	PMB
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/25/2025 07:00	07/25/2025 20:54	PMB
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/25/2025 07:00	07/25/2025 20:54	PMB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/25/2025 07:00	07/25/2025 20:54	PMB
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 20:54	PMB
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 20:54	PMB



Sample Information

Client Sample ID: TS OF-7 INF1

York Sample ID: 25G1361-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25G1361

J2257015.Task 7

Water

July 21, 2025 12:00 pm

07/21/2025

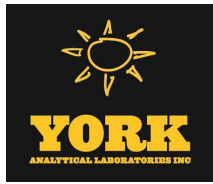
VOA, 8260 LOW MASTER

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
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 20:54	PMB
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 20:54	PMB
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 20:54	PMB
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 20:54	PMB
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 20:54	PMB
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 20:54	PMB
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/25/2025 07:00	07/25/2025 20:54	PMB
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 20:54	PMB
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 20:54	PMB
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 20:54	PMB
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 20:54	PMB
67-64-1	Acetone	8.05	QL-02	ug/L	1.34	2.00	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	07/25/2025 07:00	07/25/2025 20:54	PMB
107-02-8	Acrolein	ND		ug/L	0.447	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 20:54	PMB
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 20:54	PMB
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 20:54	PMB
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/25/2025 07:00	07/25/2025 20:54	PMB
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 20:54	PMB
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 20:54	PMB
74-83-9	Bromomethane	ND		ug/L	0.500	2.00	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 20:54	PMB



Sample Information

Client Sample ID: TS OF-7 INF1

York Sample ID: 25G1361-05

York Project (SDG) No.

25G1361

Client Project ID

J2257015.Task 7

Matrix

Water

Collection Date/Time

July 21, 2025 12:00 pm

Date Received

07/21/2025

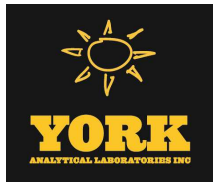
VOA, 8260 LOW MASTER

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
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 20:54	PMB
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 20:54	PMB
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 20:54	PMB
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 20:54	PMB
67-66-3	Chloroform	5.54		ug/L	0.243	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	07/25/2025 07:00	07/25/2025 20:54	PMB
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 20:54	PMB
156-59-2	cis-1,2-Dichloroethylene	0.510		ug/L	0.294	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	07/25/2025 07:00	07/25/2025 20:54	PMB
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 20:54	PMB
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/25/2025 07:00	07/25/2025 20:54	PMB
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 20:54	PMB
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/25/2025 07:00	07/25/2025 20:54	PMB
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/25/2025 07:00	07/25/2025 20:54	PMB
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 20:54	PMB
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/25/2025 07:00	07/25/2025 20:54	PMB
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 20:54	PMB
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/25/2025 07:00	07/25/2025 20:54	PMB
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 20:54	PMB
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/25/2025 07:00	07/25/2025 20:54	PMB
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 20:54	PMB



Sample Information

Client Sample ID: TS OF-7 INF1

York Sample ID: 25G1361-05

York Project (SDG) No.

25G1361

Client Project ID

J2257015.Task 7

Matrix

Water

Collection Date/Time

July 21, 2025 12:00 pm

Date Received

07/21/2025

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
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/25/2025 07:00	07/25/2025 20:54	PMB
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 20:54	PMB
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 20:54	PMB
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044	07/25/2025 07:00	07/25/2025 20:54	PMB
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044	07/25/2025 07:00	07/25/2025 20:54	PMB
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D Certifications:	07/25/2025 07:00	07/25/2025 20:54	PMB
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D Certifications:	07/25/2025 07:00	07/25/2025 20:54	PMB
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 20:54	PMB
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 20:54	PMB
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 20:54	PMB
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/25/2025 07:00	07/25/2025 20:54	PMB
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 20:54	PMB
127-18-4	Tetrachloroethylene	ND	CCVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 20:54	PMB
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 20:54	PMB
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 20:54	PMB
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 20:54	PMB
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 20:54	PMB
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 20:54	PMB
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 07:00	07/25/2025 20:54	PMB



Sample Information

Client Sample ID: TS OF-7 INF1

York Sample ID: 25G1361-05

York Project (SDG) No.

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Matrix

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Water

July 21, 2025 12:00 pm

07/21/2025

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: CTD0H-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	07/25/2025 07:00	07/25/2025 20:54	PMB
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	101 %			69-130						
2037-26-5	Surrogate: SURR: Toluene-d8	112 %			81-117						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	102 %			79-122						

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,NELAC-NY10854	07/22/2025 10:06	07/23/2025 15:57	SS
Surrogate Recoveries		Result			Acceptance Range					
17647-74-4	Surrogate: 1,4-Dioxane-d8	68.0 %			36.6-118					

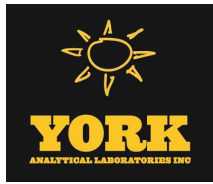
Q P PFAS, EPA 1633a Target List

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)	55.4		ng/L	0.755	1.71	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/30/2025 11:46	ESJ
307-24-4	Perfluorohexanoic acid (PFHxA)	286		ng/L	0.349	1.94	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/30/2025 11:46	ESJ
375-85-9	Perfluoroheptanoic acid (PFHpA)	222		ng/L	0.678	1.94	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/30/2025 11:46	ESJ
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	1310		ng/L	8.62	17.7	10	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/31/2025 15:41	ESJ
335-67-1	Perfluorooctanoic acid (PFOA)	524		ng/L	7.65	19.4	10	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/31/2025 15:41	ESJ
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	3500		ng/L	7.36	18.0	10	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/31/2025 15:41	ESJ
375-95-1	Perfluorononanoic acid (PFNA)	217		ng/L	0.959	1.94	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/30/2025 11:46	ESJ
335-76-2	Perfluorodecanoic acid (PFDA)	12.6		ng/L	0.552	1.94	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/30/2025 11:46	ESJ
2058-94-8	Perfluoroundecanoic acid (PFUnA)	53.1		ng/L	0.687	1.94	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/30/2025 11:46	ESJ



Sample Information

Client Sample ID: TS OF-7 INF1

York Sample ID: 25G1361-05

York Project (SDG) No.

25G1361

Client Project ID

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Matrix

Water

Collection Date/Time

July 21, 2025 12:00 pm

Date Received

07/21/2025

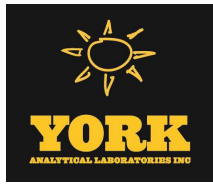
Q P PFAS, EPA 1633a Target List

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	0.581	1.94	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/30/2025 11:46	ESJ
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	1.16	1.94	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/30/2025 11:46	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	1.53	1.94	1	EPA 1633A Certifications: NJDEP-NY037	07/22/2025 08:05	07/30/2025 11:46	ESJ
2355-31-9	N-MeFOSAA	ND		ng/L	0.484	1.94	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/30/2025 11:46	ESJ
2991-50-6	N-EtFOSAA	ND		ng/L	1.02	1.94	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/30/2025 11:46	ESJ
2706-90-3	Perfluoropentanoic acid (PFPeA)	429		ng/L	0.862	3.87	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/30/2025 11:46	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	16.0		ng/L	0.358	1.94	1	EPA 1633A Certifications: NJDEP-NY037	07/22/2025 08:05	07/30/2025 11:46	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	63.4		ng/L	0.300	1.85	1	EPA 1633A Certifications: NJDEP-NY037	07/22/2025 08:05	07/30/2025 11:46	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	0.600	1.87	1	EPA 1633A Certifications: NJDEP-NY037	07/22/2025 08:05	07/30/2025 11:46	ESJ
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	292		ng/L	2.25	7.36	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/30/2025 11:46	ESJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	41.3		ng/L	2.18	7.44	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/30/2025 11:46	ESJ
375-22-4	Perfluoro-n-butanoic acid (PFBA)	104		ng/L	1.58	7.75	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/30/2025 11:46	ESJ
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND		ng/L	0.484	3.45	1	EPA 1633A Certifications: NELAC-NY12058	07/22/2025 08:05	07/30/2025 11:46	ESJ
151772-58-6	Perfluoro-3,6-dioxahexanoic acid (NFDHA)	ND		ng/L	2.90	3.87	1	EPA 1633A Certifications: NELAC-NY12058	07/22/2025 08:05	07/30/2025 11:46	ESJ
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.678	3.87	1	EPA 1633A Certifications: NELAC-NY12058	07/22/2025 08:05	07/30/2025 11:46	ESJ
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	1.36	3.87	1	EPA 1633A Certifications: NELAC-NY12058	07/22/2025 08:05	07/30/2025 11:46	ESJ
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	101		ng/L	0.726	1.82	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/30/2025 11:46	ESJ
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	2.73	7.26	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/30/2025 11:46	ESJ
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.04	7.75	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/30/2025 11:46	ESJ
763051-92-9	11CL-PF3OUdS	ND		ng/L	2.16	7.32	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/30/2025 11:46	ESJ



Sample Information

Client Sample ID: TS OF-7 INF1

York Sample ID: 25G1361-05

York Project (SDG) No.

25G1361

Client Project ID

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Water

Collection Date/Time

July 21, 2025 12:00 pm

Date Received

07/21/2025

Q P PFAS, EPA 1633a Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
756426-58-1	9CL-PF3ONS	ND		ng/L	2.66	7.24	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/30/2025 11:46	ESJ
919005-14-4	ADONA	ND		ng/L	2.88	7.32	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/30/2025 11:46	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.862	1.88	1	EPA 1633A Certifications:	07/22/2025 08:05	07/30/2025 11:46	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.726	1.86	1	EPA 1633A Certifications: NJDEP-NY037	07/22/2025 08:05	07/30/2025 11:46	ESJ
356-02-5	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ng/L	2.29	9.68	1	EPA 1633A Certifications:	07/22/2025 08:05	07/30/2025 11:46	ESJ
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ng/L	6.52	48.4	1	EPA 1633A Certifications:	07/22/2025 08:05	07/30/2025 11:46	ESJ
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ng/L	22.3	48.4	1	EPA 1633A Certifications:	07/22/2025 08:05	07/30/2025 11:46	ESJ
24448-09-7	* N-MeFOSE	ND		ng/L	6.87	19.4	1	EPA 1633A Certifications:	07/22/2025 08:05	07/30/2025 11:46	ESJ
31506-32-8	* N-MeFOSA	ND		ng/L	0.687	1.94	1	EPA 1633A Certifications:	07/22/2025 08:05	07/30/2025 11:46	ESJ
1691-99-2	* N-EtFOSE	ND		ng/L	7.05	19.4	1	EPA 1633A Certifications:	07/22/2025 08:05	07/30/2025 11:46	ESJ
4151-50-2	* N-EtFOSA	ND		ng/L	1.02	1.94	1	EPA 1633A Certifications:	07/22/2025 08:05	07/30/2025 11:46	ESJ
M3PFBA	* M3PFBA	5.00		ng/mL			10	EPA 1633A Certifications:	07/22/2025 08:05	07/31/2025 15:41	ESJ
MPFDA	* MPFDA	1.25		ng/mL			10	EPA 1633A Certifications:	07/22/2025 08:05	07/31/2025 15:41	ESJ
307-24-4	* MPFHxA	2.50		ng/mL			10	EPA 1633A Certifications:	07/22/2025 08:05	07/31/2025 15:41	ESJ
	* MPFHxS	2.37		ng/mL			10	EPA 1633A Certifications:	07/22/2025 08:05	07/31/2025 15:41	ESJ
	* MPFN A	1.25		ng/mL			10	EPA 1633A Certifications:	07/22/2025 08:05	07/31/2025 15:41	ESJ
	* MPFOA	2.50		ng/mL			10	EPA 1633A Certifications:	07/22/2025 08:05	07/31/2025 15:41	ESJ
960315-53-1	* MPFOS	2.40		ng/mL			10	EPA 1633A Certifications:	07/22/2025 08:05	07/31/2025 15:41	ESJ
13C9PFNA	* Perfluoro-n-[13C9]nonanoic acid (M9PFNA)-EIS	1.25		ng/mL			10	EPA 1633A Certifications:	07/22/2025 08:05	07/31/2025 15:41	ESJ
13C8PFOA	* Perfluoro-n-[13C8]octanoic acid (M8PFOA)-EIS	2.50		ng/mL			10	EPA 1633A Certifications:	07/22/2025 08:05	07/31/2025 15:41	ESJ



Sample Information

Client Sample ID: TS OF-7 INF1

York Sample ID: 25G1361-05

York Project (SDG) No.

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Matrix

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Water

July 21, 2025 12:00 pm

07/21/2025

Q P PFAS, EPA 1633a Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C5PFPEA	* Perfluoro-n-[13C54]pentanoic acid (M5PFPeA)-EIS	5.00		ng/mL			10	EPA 1633A Certifications:	07/22/2025 08:05	07/31/2025 15:41	ESJ
13C4PFBA	* Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	10.0		ng/mL			10	EPA 1633A Certifications:	07/22/2025 08:05	07/31/2025 15:41	ESJ
960315-52-0	* Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)-EIS	1.25		ng/mL			10	EPA 1633A Certifications:	07/22/2025 08:05	07/31/2025 15:41	ESJ
13C8PFOS	* Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)-EIS	2.40		ng/mL			10	EPA 1633A Certifications:	07/22/2025 08:05	07/31/2025 15:41	ESJ
13C8FOSA	* Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)-EIS	2.50		ng/mL			10	EPA 1633A Certifications:	07/22/2025 08:05	07/31/2025 15:41	ESJ
13C7PFUNA	* M7PFUdA-EIS	1.25		ng/mL			10	EPA 1633A Certifications:	07/22/2025 08:05	07/31/2025 15:41	ESJ
13C6PFDA	* M6PFDA-EIS	1.25		ng/mL			10	EPA 1633A Certifications:	07/22/2025 08:05	07/31/2025 15:41	ESJ
338-30-1	* M5PFHxA-EIS	2.50		ng/mL			10	EPA 1633A Certifications:	07/22/2025 08:05	07/31/2025 15:41	ESJ
13C4PFHPA	* M4PFHpA-EIS	2.50		ng/mL			10	EPA 1633A Certifications:	07/22/2025 08:05	07/31/2025 15:41	ESJ
13C3PFHXS	* M3PFHxS-EIS	2.37		ng/mL			10	EPA 1633A Certifications:	07/22/2025 08:05	07/31/2025 15:41	ESJ
M3PFBS	* M3PFBS-EIS	2.33		ng/mL			10	EPA 1633A Certifications:	07/22/2025 08:05	07/31/2025 15:41	ESJ
M3HFPO-DA	* M3-HFPO-DA-EIS	10.0		ng/mL			10	EPA 1633A Certifications:	07/22/2025 08:05	07/31/2025 15:41	ESJ
13C2PFTEDA	* M2PFTeDA-EIS	1.25		ng/mL			10	EPA 1633A Certifications:	07/22/2025 08:05	07/31/2025 15:41	ESJ
M2-8:2FTS	* M2-8-2FTS-EIS	4.80		ng/mL			10	EPA 1633A Certifications:	07/22/2025 08:05	07/31/2025 15:41	ESJ
M2-6:2FTS	* M2-6-2FTS-EIS	4.76		ng/mL			10	EPA 1633A Certifications:	07/22/2025 08:05	07/31/2025 15:41	ESJ
M2-4:2FTS	* M2-4-2FTS-EIS	4.69		ng/mL			10	EPA 1633A Certifications:	07/22/2025 08:05	07/31/2025 15:41	ESJ
D9-NETPFOSAE	* d9-NEtFOSE-EIS	25.0		ng/mL			10	EPA 1633A Certifications:	07/22/2025 08:05	07/31/2025 15:41	ESJ
D7-NMEPFOSAE	* d7-NMeFOSE-EIS	25.0		ng/mL			10	EPA 1633A Certifications:	07/22/2025 08:05	07/31/2025 15:41	ESJ
D5-NETFOSA	* d5-NEtFOSA-EIS	2.50		ng/mL			10	EPA 1633A Certifications:	07/22/2025 08:05	07/31/2025 15:41	ESJ
D5-NETFOSAA	* d5-N-EtFOSAA-EIS	5.00		ng/mL			10	EPA 1633A Certifications:	07/22/2025 08:05	07/31/2025 15:41	ESJ



Sample Information

Client Sample ID: TS OF-7 INF1

York Sample ID: 25G1361-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25G1361

J2257015.Task 7

Water

July 21, 2025 12:00 pm

07/21/2025

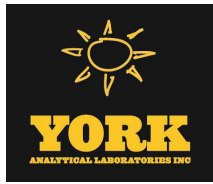
Q P PFAS, EPA 1633a Target List

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-NMEFOSA	* d3-NMeFOSA-EIS	2.50		ng/mL			10	EPA 1633A Certifications:	07/22/2025 08:05	07/31/2025 15:41	ESJ
D3-NMEFOSAA	* d3-N-MeFOSAA-EIS	5.00		ng/mL			10	EPA 1633A Certifications:	07/22/2025 08:05	07/31/2025 15:41	ESJ
1180-95-6	* Taurodeoxycholic Acid (TDCA)	0.00		ng/L			10	EPA 1633A Certifications:	07/22/2025 08:05	07/31/2025 15:41	ESJ
Surrogate Recoveries		Result		Acceptance Range							
M3PFBS	Surrogate: M3PFBS	110 %									
M3PFBS	Surrogate: M3PFBS	113 %									
338-30-1	Surrogate: M5PFHxA	103 %									
13C4PFHPA	Surrogate: M4PFHpA	136 %	PFSu-H								
13C4PFHPA	Surrogate: M4PFHpA	92.7 %									
13C3PFHXS	Surrogate: M3PFHxS	97.6 %									
13C3PFHXS	Surrogate: M3PFHxS	96.9 %									
13C8PFOA	Surrogate: Perfluoro-n- [13C8]octanoic acid (M8PFOA)	110 %									
13C8PFOA	Surrogate: Perfluoro-n- [13C8]octanoic acid (M8PFOA)	94.6 %									
13C6PFDA	Surrogate: M6PFDA	76.1 %									
13C6PFDA	Surrogate: M6PFDA	84.5 %									
13C7PFUNA	Surrogate: M7PFUdA	52.4 %									
13C7PFUNA	Surrogate: M7PFUdA	73.7 %									
960315-52-0	Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)	63.8 %									
960315-52-0	Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)	54.5 %									
13C2PFTEDA	Surrogate: M2PFTeDA	22.7 %									
13C2PFTEDA	Surrogate: M2PFTeDA	27.1 %									
13C4PFBA	Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	125 %									
13C4PFBA	Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	111 %									
13C8PFOS	Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	91.7 %									
13C8PFOS	Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	111 %									
13C5PFPEA	Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	97.9 %									
13C5PFPEA	Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	93.8 %									
13C8FOSA	Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	86.7 %									
13C8FOSA	Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	135 %	PFSu-H								



Sample Information

Client Sample ID: TS OF-7 INF1

York Sample ID: 25G1361-05

York Project (SDG) No.

25G1361

Client Project ID

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Water

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
D3-NMEFOSAA	Surrogate: d3-N-MeFOSAA	86.0 %			40-170						
D3-NMEFOSAA	Surrogate: d3-N-MeFOSAA	113 %			40-170						
D5-NETFOSAA	Surrogate: d5-N-EtFOSAA	52.6 %			25-135						
D5-NETFOSAA	Surrogate: d5-N-EtFOSAA	108 %			25-135						
M2-6:2FTS	Surrogate: M2-6:2 FTS	157 %			40-200						
M2-6:2FTS	Surrogate: M2-6:2 FTS	167 %			40-200						
M2-8:2FTS	Surrogate: M2-8:2 FTS	108 %			40-300						
M2-8:2FTS	Surrogate: M2-8:2 FTS	146 %			40-300						
13C9PFNA	Surrogate: M9PFNA	78.2 %			40-130						
13C9PFNA	Surrogate: M9PFNA	89.0 %			40-130						
M2-4:2FTS	Surrogate: M2-4:2 FTS	137 %			40-200						
M2-4:2FTS	Surrogate: M2-4:2 FTS	202 %	PFSu-H		40-200						
936109-37-4	Surrogate: d-N-MeFOSA	53.6 %			10-130						
936109-37-4	Surrogate: d-N-MeFOSA	73.5 %			10-130						
936109-40-9	Surrogate: d-N-EtFOSA	32.3 %			10-130						
936109-40-9	Surrogate: d-N-EtFOSA	52.6 %			10-130						
M3HFPO-DA	Surrogate: M3HFPO-DA	89.2 %			40-130						
M3HFPO-DA	Surrogate: M3HFPO-DA	90.2 %			40-130						
D9-NETPFOSAE	Surrogate: d9-N-EtFOSE	26.0 %			10-130						
D9-NETPFOSAE	Surrogate: d9-N-EtFOSE	49.9 %			10-130						
D7-NMEPFOSAE	Surrogate: d7-N-MeFOSE	45.3 %			10-130						
D7-NMEPFOSAE	Surrogate: d7-N-MeFOSE	68.1 %			10-130						

Sample Information

Client Sample ID: Trip Blank

York Sample ID: 25G1361-06

York Project (SDG) No.

25G1361

Client Project ID

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Matrix

Other

Collection Date/Time

July 21, 2025 12:16 pm

Date Received

07/21/2025

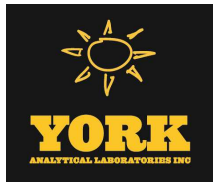
VOA, 8260 LOW MASTER

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: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 08:00	07/25/2025 18:12	PMB
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 08:00	07/25/2025 18:12	PMB



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 25G1361-06

York Project (SDG) No.

25G1361

Client Project ID

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Collection Date/Time

July 21, 2025 12:16 pm

Date Received

07/21/2025

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
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 08:00	07/25/2025 18:12	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: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 08:00	07/25/2025 18:12	PMB
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 08:00	07/25/2025 18:12	PMB
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 08:00	07/25/2025 18:12	PMB
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 08:00	07/25/2025 18:12	PMB
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/25/2025 08:00	07/25/2025 18:12	PMB
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/25/2025 08:00	07/25/2025 18:12	PMB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/25/2025 08:00	07/25/2025 18:12	PMB
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 08:00	07/25/2025 18:12	PMB
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 08:00	07/25/2025 18:12	PMB
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 08:00	07/25/2025 18:12	PMB
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 08:00	07/25/2025 18:12	PMB
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 08:00	07/25/2025 18:12	PMB
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 08:00	07/25/2025 18:12	PMB
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 08:00	07/25/2025 18:12	PMB
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 08:00	07/25/2025 18:12	PMB
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/25/2025 08:00	07/25/2025 18:12	PMB
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 08:00	07/25/2025 18:12	PMB
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 08:00	07/25/2025 18:12	PMB



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 25G1361-06

York Project (SDG) No.

25G1361

Client Project ID

J2257015.Task 7

Matrix

Other

Collection Date/Time

July 21, 2025 12:16 pm

Date Received

07/21/2025

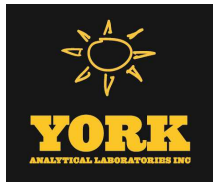
VOA, 8260 LOW MASTER

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
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 08:00	07/25/2025 18:12	PMB
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 08:00	07/25/2025 18:12	PMB
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 08:00	07/25/2025 18:12	PMB
107-02-8	Acrolein	1.82	QL-02, B	ug/L	0.447	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	07/25/2025 08:00	07/25/2025 18:12	PMB
107-13-1	Acrylonitrile	ND	CCVE	ug/L	0.422	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 08:00	07/25/2025 18:12	PMB
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 08:00	07/25/2025 18:12	PMB
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/25/2025 08:00	07/25/2025 18:12	PMB
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 08:00	07/25/2025 18:12	PMB
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 08:00	07/25/2025 18:12	PMB
74-83-9	Bromomethane	ND	CCVE	ug/L	0.500	2.00	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 08:00	07/25/2025 18:12	PMB
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 08:00	07/25/2025 18:12	PMB
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 08:00	07/25/2025 18:12	PMB
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 08:00	07/25/2025 18:12	PMB
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 08:00	07/25/2025 18:12	PMB
67-66-3	Chloroform	1.24		ug/L	0.243	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	07/25/2025 08:00	07/25/2025 18:12	PMB
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 08:00	07/25/2025 18:12	PMB
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 08:00	07/25/2025 18:12	PMB
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 08:00	07/25/2025 18:12	PMB
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/25/2025 08:00	07/25/2025 18:12	PMB



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 25G1361-06

York Project (SDG) No.

Client Project ID

Matrix

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25G1361

J2257015.Task 7

Other

July 21, 2025 12:16 pm

07/21/2025

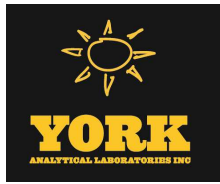
VOA, 8260 LOW MASTER

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
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 08:00	07/25/2025 18:12	PMB
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/25/2025 08:00	07/25/2025 18:12	PMB
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/25/2025 08:00	07/25/2025 18:12	PMB
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 08:00	07/25/2025 18:12	PMB
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/25/2025 08:00	07/25/2025 18:12	PMB
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 08:00	07/25/2025 18:12	PMB
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/25/2025 08:00	07/25/2025 18:12	PMB
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 08:00	07/25/2025 18:12	PMB
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/25/2025 08:00	07/25/2025 18:12	PMB
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 08:00	07/25/2025 18:12	PMB
91-20-3	Naphthalene	1.58	J	ug/L	0.212	2.00	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/25/2025 08:00	07/25/2025 18:12	PMB
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 08:00	07/25/2025 18:12	PMB
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 08:00	07/25/2025 18:12	PMB
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044	07/25/2025 08:00	07/25/2025 18:12	PMB
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044	07/25/2025 08:00	07/25/2025 18:12	PMB
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D Certifications:	07/25/2025 08:00	07/25/2025 18:12	PMB
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D Certifications:	07/25/2025 08:00	07/25/2025 18:12	PMB
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 08:00	07/25/2025 18:12	PMB
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 08:00	07/25/2025 18:12	PMB



Sample Information

Client Sample ID: Trip Blank			York Sample ID: 25G1361-06		
York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received	
25G1361	J2257015.Task 7	Other	July 21, 2025 12:16 pm	07/21/2025	

VOA, 8260 LOW MASTER	Log-in Notes:	Sample Notes:
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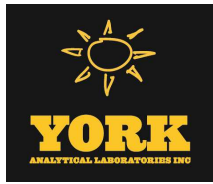
Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 08:00	07/25/2025 18:12	PMB
75-65-0	tert-Butyl alcohol (TBA)	1.25		ug/L	0.608	1.00	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-0444(	07/25/2025 08:00	07/25/2025 18:12	PMB
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 08:00	07/25/2025 18:12	PMB
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 08:00	07/25/2025 18:12	PMB
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 08:00	07/25/2025 18:12	PMB
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 08:00	07/25/2025 18:12	PMB
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 08:00	07/25/2025 18:12	PMB
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 08:00	07/25/2025 18:12	PMB
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 08:00	07/25/2025 18:12	PMB
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/25/2025 08:00	07/25/2025 18:12	PMB
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	07/25/2025 08:00	07/25/2025 18:12	PMB
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	98.6 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	99.8 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	102 %	79-122								

Q P PFAS, EPA 1633a Target List	Log-in Notes:	Sample Notes:
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Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	0.755	1.71	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 07:54	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.348	1.93	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 07:54	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.677	1.93	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 07:54	AM



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 25G1361-06

York Project (SDG) No.

25G1361

Client Project ID

J2257015.Task 7

Matrix

Other

Collection Date/Time

July 21, 2025 12:16 pm

Date Received

07/21/2025

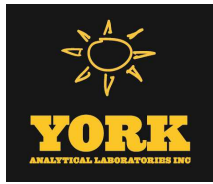
Q P PFAS, EPA 1633a Target List

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	0.861	1.77	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 07:54	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ng/L	0.764	1.93	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 07:54	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.735	1.80	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 07:54	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.958	1.93	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 07:54	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.551	1.93	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 07:54	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	0.687	1.93	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 07:54	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.580	1.93	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 07:54	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	1.16	1.93	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 07:54	AM
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	1.53	1.93	1	EPA 1633A Certifications: NJDEP-NY037	07/22/2025 08:05	07/26/2025 07:54	AM
2355-31-9	N-MeFOSAA	ND		ng/L	0.484	1.93	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 07:54	AM
2991-50-6	N-EtFOSAA	ND		ng/L	1.02	1.93	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 07:54	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.861	3.87	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 07:54	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.358	1.93	1	EPA 1633A Certifications: NJDEP-NY037	07/22/2025 08:05	07/26/2025 07:54	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.300	1.85	1	EPA 1633A Certifications: NJDEP-NY037	07/22/2025 08:05	07/26/2025 07:54	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	0.600	1.87	1	EPA 1633A Certifications: NJDEP-NY037	07/22/2025 08:05	07/26/2025 07:54	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	2.24	7.35	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 07:54	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.18	7.43	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 07:54	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	1.58	7.74	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 07:54	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEA)	ND		ng/L	0.484	3.44	1	EPA 1633A Certifications: NELAC-NY12058	07/22/2025 08:05	07/26/2025 07:54	AM



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 25G1361-06

York Project (SDG) No.

25G1361

Client Project ID

J2257015.Task 7

Matrix

Other

Collection Date/Time

July 21, 2025 12:16 pm

Date Received

07/21/2025

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	2.90	3.87	1	EPA 1633A Certifications: NELAC-NY12058	07/22/2025 08:05	07/26/2025 07:54	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.677	3.87	1	EPA 1633A Certifications: NELAC-NY12058	07/22/2025 08:05	07/26/2025 07:54	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	1.35	3.87	1	EPA 1633A Certifications: NELAC-NY12058	07/22/2025 08:05	07/26/2025 07:54	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.726	1.82	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 07:54	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	2.73	7.26	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 07:54	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.04	7.74	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 07:54	AM
763051-92-9	11CL-PF3OUdS	ND		ng/L	2.16	7.31	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 07:54	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	2.66	7.24	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 07:54	AM
919005-14-4	ADONA	ND		ng/L	2.87	7.31	1	EPA 1633A Certifications: NELAC-NY12058,NJDEP-NY037	07/22/2025 08:05	07/26/2025 07:54	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.861	1.88	1	EPA 1633A Certifications:	07/22/2025 08:05	07/26/2025 07:54	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.726	1.86	1	EPA 1633A Certifications: NJDEP-NY037	07/22/2025 08:05	07/26/2025 07:54	AM
356-02-5	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ng/L	2.28	9.67	1	EPA 1633A Certifications:	07/22/2025 08:05	07/26/2025 07:54	AM
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ng/L	6.51	48.4	1	EPA 1633A Certifications:	07/22/2025 08:05	07/26/2025 07:54	AM
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ng/L	22.3	48.4	1	EPA 1633A Certifications:	07/22/2025 08:05	07/26/2025 07:54	AM
24448-09-7	* N-MeFOSE	ND		ng/L	6.87	19.3	1	EPA 1633A Certifications:	07/22/2025 08:05	07/26/2025 07:54	AM
31506-32-8	* N-MeFOSA	ND		ng/L	0.687	1.93	1	EPA 1633A Certifications:	07/22/2025 08:05	07/26/2025 07:54	AM
1691-99-2	* N-EtFOSE	ND		ng/L	7.04	19.3	1	EPA 1633A Certifications:	07/22/2025 08:05	07/26/2025 07:54	AM
4151-50-2	* N-EtFOSA	ND		ng/L	1.02	1.93	1	EPA 1633A Certifications:	07/22/2025 08:05	07/26/2025 07:54	AM
Surrogate Recoveries		Result	Acceptance Range								
M3PFBS	Surrogate: M3PFBS	99.6 %	40-135								



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 25G1361-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25G1361

J2257015.Task 7

Other

July 21, 2025 12:16 pm

07/21/2025

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	120 %			40-130						
13C3PFHXS	Surrogate: M3PFHxS	102 %			40-130						
13C8PFOA	Surrogate: Perfluoro-n- [13C8]octanoic acid (M8PFOA)	100 %			40-130						
13C6PFDA	Surrogate: M6PFDA	104 %			40-130						
13C7PFUNA	Surrogate: M7PFUDa	98.2 %			30-130						
960315-52-0	Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)	76.0 %			10-130						
13C2PFTEDA	Surrogate: M2PFTeDA	67.9 %			10-130						
13C4PFBA	Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	98.3 %			5-130						
13C8PFOS	Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	117 %			40-130						
13C5PFPEA	Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	103 %			40-130						
13C8FOSA	Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	122 %			40-130						
D3-NMEFOSAA	Surrogate: d3-N-MeFOSAA	102 %			40-170						
D5-NETFOSAA	Surrogate: d5-N-EtFOSAA	104 %			25-135						
M2-6:2FTS	Surrogate: M2-6:2 FTS	115 %			40-200						
M2-8:2FTS	Surrogate: M2-8:2 FTS	116 %			40-300						
13C9PFNA	Surrogate: M9PFNA	106 %			40-130						
M2-4:2FTS	Surrogate: M2-4:2 FTS	115 %			40-200						
936109-37-4	Surrogate: d-N-MeFOSA	97.1 %			10-130						
936109-40-9	Surrogate: d-N-EtFOSA	75.8 %			10-130						
M3HFPO-DA	Surrogate: M3HFPO-DA	110 %			40-130						
D9-NETPFOSAE	Surrogate: d9-N-EtFOSE	77.9 %			10-130						
D7-NMEPFOSAE	Surrogate: d7-N-MeFOSE	87.6 %			10-130						



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
25G1361-01	TS OF-7 EFF	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
25G1361-02	TS OF-7 GAC 3	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
25G1361-03	TS OF-7 GAC 2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
25G1361-04	TS OF-7 INF 2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
25G1361-05	TS OF-7 INF1	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
25G1361-06	Trip Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C



Sample and Data Qualifiers Relating to This Work Order

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.
PF-LCS-L	The LCS recovery for this PFAS compound was below control limits.
PF-LCS-H	The LCS recovery for this PFAS compound was above 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.
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

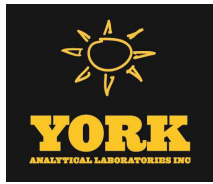
Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon 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



Field Chain-of-Custody Record

ALS Project Number

25G1361

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

Page of

Report To: Company: <u>Leaven</u> Address: <u>Rock Hill Ct</u> Phone: <u>401-602-8954</u> Contact: <u>401-602-8954</u> E-mail: <u>chr.pomeroy@leaven.com</u>		Invoice To: Company: <u>upland via</u> Address: <u>Cupa</u> Phone: <u></u> Contact: <u></u> E-mail: <u></u>		YOUR Project Name / Number <u>Task 7</u>		Samples Collected From NY ☒ CT ☒ PA ☒ NJ ☒		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 ☒			
PO Number <u>95 above</u>		Analyses Requested <u>Total SVOC + 14</u> <u>DOC via GBCO</u> <u>PFAS via GBCA</u>		Report Type (circle) QA Report ☐ Summary (Results Only) ☒ NY ASP B Package ☐ NJ Reduced ☐ NJ DKQP ☐ NJ Full ☐ CT RCP ☐		Regulatory Comparative Compared to the following Regulation(s): (please fill in) ☐		Field Filtered ☐			
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: ☐		Sample Identification Samples Collected by: (print AND sign your name) <u>TS OF - 7 EFP</u> <u>Thick 1300 other</u> <u>TS OF - 7 GAC3</u> <u>1246</u> <u>TS OF - 7 GAC2</u> <u>1235</u> <u>TS OF - 7 INF2</u> <u>1216 SW</u> <u>TS OF - 7 INF1</u> <u>1200 SW</u> <u>Trip Blank</u> <u>other</u>		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 ☐	
Comments: <u>INF1 & 2 are RFA/unmonitored under</u> <u>with high concern for dioxins</u> <u>Remaining samples should be kept to NA</u> <u>Relinquished by Company</u> <u>7/21/25</u> <u>1500</u> <u>Relinquished by Company</u> <u>7/21/25</u> <u>1500</u> <u>Relinquished by Company</u> <u>7/21/25</u> <u>1500</u>											
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 ☒											
1. Samples Relinquished by / Company <u>Relinquished by Company</u> <u>7/21/25</u> <u>1500</u>		2. Samples Relinquished by / Company <u>Relinquished by Company</u> <u>7/21/25</u> <u>1500</u>		3. Samples Relinquished by / Company <u>Relinquished by Company</u> <u>7/21/25</u> <u>1500</u>		4. Samples Relinquished by / Company <u>Relinquished by Company</u> <u>7/21/25</u> <u>1500</u>		5. Samples Relinquished by / Company <u>Relinquished by Company</u> <u>7/21/25</u> <u>1500</u>			
Date/Time <u>7/21/25</u> <u>1500</u>		Date/Time <u>7/21/25</u> <u>1500</u>		Date/Time <u>7/21/25</u> <u>1500</u>		Date/Time <u>7/21/25</u> <u>1500</u>		Date/Time <u>7/21/25</u> <u>1500</u>			
Signature <u>Relinquished by Company</u>		Signature <u>Relinquished by Company</u>		Signature <u>Relinquished by Company</u>		Signature <u>Relinquished by Company</u>		Signature <u>Relinquished by Company</u>			
Temperature <u>11.5</u>		Temperature <u>11.5</u>		Temperature <u>11.5</u>		Temperature <u>11.5</u>		Temperature <u>11.5</u>			

Appendix F

HVAC System Upgrades Analytical Sample Results



ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Patrick Colern
Terracon Consultants Inc
81 Benbro Drive
Buffalo, New York 14225

Generated 7/25/2025 11:43:16 AM

JOB DESCRIPTION

HPN HVAC Upgrades - JA257025

JOB NUMBER

480-231006-1

Eurofins Buffalo

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Authorization



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Definitions/Glossary

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.

LCMS

Qualifier	Qualifier Description
*5+	Isotope dilution analyte is outside acceptance limits, high biased.
I	Value is EMPC (estimated maximum possible concentration).
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
^5-	Linear Range Check (LRC) is outside acceptance limits, low biased.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent

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Definitions/Glossary

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Terracon Consultants Inc
Project: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Job ID: 480-231006-1

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Job Narrative 480-231006-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 7/10/2025 2:30 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 4.9° C.

Receipt Exceptions

DI water voa vials received with tcore kit did not have sample volume present in vials. Only meoh vial was used for sampling. SB1-12"-18" (480-231006-1), SB1-7'-8' (480-231006-4), SB1-7'-8' (480-231006-4[MS]), SB1-7'-8' (480-231006-4[MSD]) and SB2-9'-10' (480-231006-14)

GC/MS VOA

Method 8260C: The continuing calibration verification (CCV) associated with batch 751930 recovered outside acceptance criteria, low biased, for Dichlorobromomethane and Chlorodibromomethane. A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analyte(s), the data are reported. The following associated samples are impacted: SB1-12"-18" (480-231006-1), SB1-7'-8' (480-231006-4), SB1-5'-8' (480-231006-5), SB2-4' (480-231006-9), SB2-4' DUP (480-231006-10) and SB2-9'-10' (480-231006-14)

Method 8260C: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 480-751902 and analytical batch 480-751930 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits. The following associated samples are impacted: SB1-7'-8' (480-231006-4[MS]) and SB1-7'-8' (480-231006-4[MSD])

Method 8260C: The following sample(s) were analyzed using medium level soil analysis due to no low level terracore volume present. Client was contacted and instructed us to proceed with medium level analysis: SB1-12"-18" (480-231006-1), SB1-7'-8' (480-231006-4), SB1-7'-8' (480-231006-4[MS]), SB1-7'-8' (480-231006-4[MSD]), SB1-5'-8' (480-231006-5), SB2-4' (480-231006-9), SB2-4' DUP (480-231006-10) and SB2-9'-10' (480-231006-14). Elevated reporting limits (RLs) are provided.

Method 8260C: Sample was prepped via a bulk container as no terracore container was received: SB1-5'-8' (480-231006-5). The client was contacted and instructed us to proceed with bulk preparation.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC/MS Semi VOA

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

GC Semi VOA

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Metals

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

LCMS

Method 1633A: The LCS and LLCS labeled isotope(s) 13C5 PFPeA recovery associated with sample: RINSATE (480-231006-6) is outside the QC acceptance limits. Since the recovery for target analytes is within the limits, the data is reported.

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Case Narrative

Client: Terracon Consultants Inc
Project: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Job ID: 480-231006-1 (Continued)

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No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep

Method 3546: The following samples required a Florisil clean-up, via EPA Method 3620C, to reduce matrix interferences: SB1-12'-48" (480-231006-3), SB1-5'-8' (480-231006-5), SB2-12"-5' (480-231006-12), (480-231006-B-3 MS) and (480-231006-B-3 MSD).

Method 1633A: Samples(s) RINSATE (480-231006-6) were submitted in a nonstandard container and subsampling was required. The client was contacted before proceeding.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

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Detection Summary

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Client Sample ID: SB1-12"-18"

Lab Sample ID: 480-231006-1

No Detections.

Client Sample ID: SB1-18"-30"

Lab Sample ID: 480-231006-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Perfluorohexanesulfonic acid (PFHxS)	0.16	J	0.20	0.050	ng/g	1	✱		1633A	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.99		0.20	0.11	ng/g	1	✱		1633A	Total/NA
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.60		0.20	0.11	ng/g	1	✱		1633A	Total/NA

Client Sample ID: SB1-12'-48"

Lab Sample ID: 480-231006-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
2-Methylnaphthalene	810	J	1700	270	ug/Kg	10	✱		8270D	Total/NA
Acenaphthylene	730	J	1700	330	ug/Kg	10	✱		8270D	Total/NA
Anthracene	1300	J	1700	320	ug/Kg	10	✱		8270D	Total/NA
Benzo[a]anthracene	3200		1700	240	ug/Kg	10	✱		8270D	Total/NA
Benzo[a]pyrene	2800		1700	300	ug/Kg	10	✱		8270D	Total/NA
Benzo[b]fluoranthene	2500		1700	230	ug/Kg	10	✱		8270D	Total/NA
Benzo[g,h,i]perylene	2100		1700	300	ug/Kg	10	✱		8270D	Total/NA
Benzo[k]fluoranthene	1400	J	1700	390	ug/Kg	10	✱		8270D	Total/NA
Chrysene	3600		1700	420	ug/Kg	10	✱		8270D	Total/NA
Dibenz(a,h)anthracene	480	J	1700	350	ug/Kg	10	✱		8270D	Total/NA
Fluoranthene	4400		1700	320	ug/Kg	10	✱		8270D	Total/NA
Fluorene	490	J	1700	320	ug/Kg	10	✱		8270D	Total/NA
Indeno[1,2,3-cd]pyrene	1200	J	1700	260	ug/Kg	10	✱		8270D	Total/NA
Naphthalene	910	J	1700	290	ug/Kg	10	✱		8270D	Total/NA
Phenanthrene	3200		1700	330	ug/Kg	10	✱		8270D	Total/NA
Pyrene	8000		1700	330	ug/Kg	10	✱		8270D	Total/NA
4,4'-DDT	32	J	67	16	ug/Kg	20	✱		8081B	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	0.056	J	0.19	0.048	ng/g	1	✱		1633A	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.40		0.19	0.10	ng/g	1	✱		1633A	Total/NA
Aluminum	18100		11.2	9.7	mg/Kg	1	✱		6010D	Total/NA
Arsenic	1.6	J	2.2	0.99	mg/Kg	1	✱		6010D	Total/NA
Barium	114		0.56	0.16	mg/Kg	1	✱		6010D	Total/NA
Beryllium	0.42		0.22	0.045	mg/Kg	1	✱		6010D	Total/NA
Cadmium	0.29		0.22	0.078	mg/Kg	1	✱		6010D	Total/NA
Calcium	12100		56.0	30.3	mg/Kg	1	✱		6010D	Total/NA
Chromium	22.6		0.56	0.40	mg/Kg	1	✱		6010D	Total/NA
Cobalt	18.7		0.56	0.11	mg/Kg	1	✱		6010D	Total/NA
Copper	102		1.1	0.64	mg/Kg	1	✱		6010D	Total/NA
Iron	34300		11.2	9.5	mg/Kg	1	✱		6010D	Total/NA
Lead	21.4		1.1	0.52	mg/Kg	1	✱		6010D	Total/NA
Magnesium	8370		22.4	9.5	mg/Kg	1	✱		6010D	Total/NA
Manganese	370		1.1	0.31	mg/Kg	1	✱		6010D	Total/NA
Nickel	24.9		5.6	0.28	mg/Kg	1	✱		6010D	Total/NA
Potassium	3980		33.6	27.2	mg/Kg	1	✱		6010D	Total/NA
Silver	0.35	J ^5-	0.67	0.22	mg/Kg	1	✱		6010D	Total/NA
Sodium	2130		157	68.7	mg/Kg	1	✱		6010D	Total/NA
Vanadium	61.5		0.56	0.15	mg/Kg	1	✱		6010D	Total/NA
Zinc	105	^5-	2.2	1.1	mg/Kg	1	✱		6010D	Total/NA
Mercury	0.0056	J	0.021	0.0048	mg/Kg	1	✱		7471B	Total/NA

This Detection Summary does not include radiochemical test results.

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Detection Summary

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Client Sample ID: SB1-7'-8'

Lab Sample ID: 480-231006-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl acetate	100	J F1	270	26	ug/Kg	1	✱	8260C	Total/NA
Perfluorooctanesulfonic acid (PFOS)	1.3		0.19	0.11	ng/g	1	✱	1633A	Total/NA

Client Sample ID: SB1-5'-8'

Lab Sample ID: 480-231006-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	680	J	1700	270	ug/Kg	10	✱	8270D	Total/NA
Acenaphthene	320	J	1700	320	ug/Kg	10	✱	8270D	Total/NA
Acenaphthylene	480	J	1700	330	ug/Kg	10	✱	8270D	Total/NA
Anthracene	1000	J	1700	310	ug/Kg	10	✱	8270D	Total/NA
Benzo[a]anthracene	1400	J	1700	230	ug/Kg	10	✱	8270D	Total/NA
Benzo[a]pyrene	1600	J	1700	290	ug/Kg	10	✱	8270D	Total/NA
Benzo[b]fluoranthene	1300	J	1700	230	ug/Kg	10	✱	8270D	Total/NA
Benzo[g,h,i]perylene	1400	J	1700	300	ug/Kg	10	✱	8270D	Total/NA
Benzo[k]fluoranthene	390	J	1700	380	ug/Kg	10	✱	8270D	Total/NA
Chrysene	1600	J	1700	410	ug/Kg	10	✱	8270D	Total/NA
Fluoranthene	2400		1700	310	ug/Kg	10	✱	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	600	J	1700	250	ug/Kg	10	✱	8270D	Total/NA
Naphthalene	920	J	1700	280	ug/Kg	10	✱	8270D	Total/NA
Phenanthrene	650	J	1700	320	ug/Kg	10	✱	8270D	Total/NA
Pyrene	4400		1700	320	ug/Kg	10	✱	8270D	Total/NA
4,4'-DDT	31	J	67	16	ug/Kg	20	✱	8081B	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.83		0.20	0.11	ng/g	1	✱	1633A	Total/NA
Aluminum	15800		10.9	9.4	mg/Kg	1	✱	6010D	Total/NA
Barium	149		0.54	0.15	mg/Kg	1	✱	6010D	Total/NA
Beryllium	0.40		0.22	0.043	mg/Kg	1	✱	6010D	Total/NA
Calcium	6400	F1	54.3	29.3	mg/Kg	1	✱	6010D	Total/NA
Chromium	26.6		0.54	0.39	mg/Kg	1	✱	6010D	Total/NA
Cobalt	12.1		0.54	0.11	mg/Kg	1	✱	6010D	Total/NA
Copper	31.3		1.1	0.62	mg/Kg	1	✱	6010D	Total/NA
Iron	25300		10.9	9.2	mg/Kg	1	✱	6010D	Total/NA
Lead	9.3		1.1	0.50	mg/Kg	1	✱	6010D	Total/NA
Magnesium	7480	F1	21.7	9.2	mg/Kg	1	✱	6010D	Total/NA
Manganese	297	F1	1.1	0.30	mg/Kg	1	✱	6010D	Total/NA
Nickel	21.4		5.4	0.27	mg/Kg	1	✱	6010D	Total/NA
Potassium	6570		32.6	26.3	mg/Kg	1	✱	6010D	Total/NA
Sodium	344		152	66.6	mg/Kg	1	✱	6010D	Total/NA
Vanadium	45.6		0.54	0.14	mg/Kg	1	✱	6010D	Total/NA
Zinc	59.4	^5-	2.2	1.1	mg/Kg	1	✱	6010D	Total/NA
Mercury	0.0060	J	0.022	0.0050	mg/Kg	1	✱	7471B	Total/NA

Client Sample ID: RINSATE

Lab Sample ID: 480-231006-6

No Detections.

Client Sample ID: SB2-12"-18"

Lab Sample ID: 480-231006-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanesulfonic acid (PFHxS)	0.072	J	0.19	0.048	ng/g	1	✱	1633A	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.28		0.19	0.11	ng/g	1	✱	1633A	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Detection Summary

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Client Sample ID: SB2-12"-18" DUP

Lab Sample ID: 480-231006-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanesulfonic acid (PFHxS)	0.060	J	0.19	0.048	ng/g	1	✱	1633A	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.28		0.19	0.10	ng/g	1	✱	1633A	Total/NA

Client Sample ID: SB2-4'

Lab Sample ID: 480-231006-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl acetate	440		240	23	ug/Kg	1	✱	8260C	Total/NA
Toluene	40	J	48	13	ug/Kg	1	✱	8260C	Total/NA
Xylenes, Total	46	J	97	27	ug/Kg	1	✱	8260C	Total/NA
Styrene	13	J	48	12	ug/Kg	1	✱	8260C	Total/NA

Client Sample ID: SB2-4' DUP

Lab Sample ID: 480-231006-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl acetate	420		300	29	ug/Kg	1	✱	8260C	Total/NA
Toluene	55	J	61	16	ug/Kg	1	✱	8260C	Total/NA
Xylenes, Total	57	J	120	34	ug/Kg	1	✱	8260C	Total/NA

Client Sample ID: SB2-24"-36"

Lab Sample ID: 480-231006-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanesulfonic acid (PFHxS)	0.074	J	0.20	0.050	ng/g	1	✱	1633A	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.40		0.20	0.11	ng/g	1	✱	1633A	Total/NA

Client Sample ID: SB2-12"-5'

Lab Sample ID: 480-231006-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	2300		1900	290	ug/Kg	10	✱	8270D	Total/NA
Acenaphthene	650	J	1900	350	ug/Kg	10	✱	8270D	Total/NA
Acenaphthylene	1300	J	1900	360	ug/Kg	10	✱	8270D	Total/NA
Anthracene	3500		1900	350	ug/Kg	10	✱	8270D	Total/NA
Benzo[a]anthracene	8900		1900	260	ug/Kg	10	✱	8270D	Total/NA
Benzo[a]pyrene	6000		1900	320	ug/Kg	10	✱	8270D	Total/NA
Benzo[b]fluoranthene	5800		1900	250	ug/Kg	10	✱	8270D	Total/NA
Benzo[g,h,i]perylene	4200		1900	330	ug/Kg	10	✱	8270D	Total/NA
Benzo[k]fluoranthene	2100		1900	420	ug/Kg	10	✱	8270D	Total/NA
Chrysene	9100		1900	450	ug/Kg	10	✱	8270D	Total/NA
Dibenz(a,h)anthracene	1200	J	1900	380	ug/Kg	10	✱	8270D	Total/NA
Dibenzofuran	520	J	1900	330	ug/Kg	10	✱	8270D	Total/NA
Fluoranthene	14000		1900	340	ug/Kg	10	✱	8270D	Total/NA
Fluorene	2600		1900	340	ug/Kg	10	✱	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	2400		1900	280	ug/Kg	10	✱	8270D	Total/NA
Phenanthrene	24000		1900	350	ug/Kg	10	✱	8270D	Total/NA
Pyrene	22000		1900	360	ug/Kg	10	✱	8270D	Total/NA
4,4'-DDT	40	J	73	17	ug/Kg	20	✱	8081B	Total/NA
Methoxychlor	26	J	73	15	ug/Kg	20	✱	8081B	Total/NA
Perfluoroundecanoic acid (PFUnA)	0.054	J	0.20	0.049	ng/g	1	✱	1633A	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	0.087	J	0.20	0.049	ng/g	1	✱	1633A	Total/NA
Perfluorooctanesulfonic acid (PFOS)	1.4		0.20	0.11	ng/g	1	✱	1633A	Total/NA
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.35	J	0.98	0.29	ng/g	1	✱	1633A	Total/NA
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.33	J	0.98	0.29	ng/g	1	✱	1633A	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Detection Summary

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Client Sample ID: SB2-12"-5' (Continued)

Lab Sample ID: 480-231006-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	16500		11.2	9.7	mg/Kg	1	✱	6010D	Total/NA
Arsenic	2.3		2.2	0.99	mg/Kg	1	✱	6010D	Total/NA
Barium	121		0.56	0.16	mg/Kg	1	✱	6010D	Total/NA
Beryllium	0.56		0.22	0.045	mg/Kg	1	✱	6010D	Total/NA
Cadmium	0.10	J	0.22	0.079	mg/Kg	1	✱	6010D	Total/NA
Calcium	19800		56.2	30.4	mg/Kg	1	✱	6010D	Total/NA
Chromium	26.3		0.56	0.40	mg/Kg	1	✱	6010D	Total/NA
Cobalt	13.5		0.56	0.11	mg/Kg	1	✱	6010D	Total/NA
Copper	49.2		1.1	0.64	mg/Kg	1	✱	6010D	Total/NA
Iron	25600		11.2	9.5	mg/Kg	1	✱	6010D	Total/NA
Lead	41.4		1.1	0.52	mg/Kg	1	✱	6010D	Total/NA
Magnesium	9580		22.5	9.5	mg/Kg	1	✱	6010D	Total/NA
Manganese	406		1.1	0.31	mg/Kg	1	✱	6010D	Total/NA
Nickel	22.0		5.6	0.28	mg/Kg	1	✱	6010D	Total/NA
Potassium	4850		33.7	27.3	mg/Kg	1	✱	6010D	Total/NA
Sodium	738		157	68.9	mg/Kg	1	✱	6010D	Total/NA
Vanadium	60.4		0.56	0.15	mg/Kg	1	✱	6010D	Total/NA
Zinc	74.3	^5-	2.2	1.1	mg/Kg	1	✱	6010D	Total/NA
Mercury	0.0081	J	0.021	0.0049	mg/Kg	1	✱	7471B	Total/NA

Client Sample ID: SB2-9'-10'

Lab Sample ID: 480-231006-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanoic acid (PFOA)	0.061	J	0.20	0.060	ng/g	1	✱	1633A	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	0.28		0.20	0.050	ng/g	1	✱	1633A	Total/NA
Perfluoroheptanesulfonic acid (PFHpS)	0.22		0.20	0.070	ng/g	1	✱	1633A	Total/NA
Perfluorooctanesulfonic acid (PFOS)	5.4		0.20	0.11	ng/g	1	✱	1633A	Total/NA

Client Sample ID: SB2-9'-10'

Lab Sample ID: 480-231006-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Pyrene	36	J	180	34	ug/Kg	1	✱	8270D	Total/NA
4,4'-DDT	1.4	J	3.5	0.82	ug/Kg	1	✱	8081B	Total/NA
Methoxychlor	1.2	J	3.5	0.72	ug/Kg	1	✱	8081B	Total/NA
Aluminum	27400		11.2	9.6	mg/Kg	1	✱	6010D	Total/NA
Barium	232		0.56	0.16	mg/Kg	1	✱	6010D	Total/NA
Beryllium	0.86		0.22	0.045	mg/Kg	1	✱	6010D	Total/NA
Calcium	1880		56.0	30.2	mg/Kg	1	✱	6010D	Total/NA
Chromium	40.6		0.56	0.40	mg/Kg	1	✱	6010D	Total/NA
Cobalt	21.1		0.56	0.11	mg/Kg	1	✱	6010D	Total/NA
Copper	47.1		1.1	0.64	mg/Kg	1	✱	6010D	Total/NA
Iron	36200		11.2	9.5	mg/Kg	1	✱	6010D	Total/NA
Lead	6.4		1.1	0.51	mg/Kg	1	✱	6010D	Total/NA
Magnesium	9030		22.4	9.5	mg/Kg	1	✱	6010D	Total/NA
Manganese	558		1.1	0.31	mg/Kg	1	✱	6010D	Total/NA
Nickel	34.9		5.6	0.28	mg/Kg	1	✱	6010D	Total/NA
Potassium	8800		33.6	27.1	mg/Kg	1	✱	6010D	Total/NA
Silver	0.24	J ^5-	0.67	0.22	mg/Kg	1	✱	6010D	Total/NA
Sodium	843		157	68.6	mg/Kg	1	✱	6010D	Total/NA
Vanadium	84.9		0.56	0.15	mg/Kg	1	✱	6010D	Total/NA
Zinc	74.7	^5-	2.2	1.1	mg/Kg	1	✱	6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Client Sample Results

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Client Sample ID: SB1-12"-18"

Lab Sample ID: 480-231006-1

Date Collected: 07/09/25 12:00

Matrix: Solid

Date Received: 07/10/25 14:30

Percent Solids: 93.9

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		41	11	ug/Kg	✱	07/16/25 10:48	07/17/25 05:49	1
1,1,2,2-Tetrachloroethane	ND		41	6.7	ug/Kg	✱	07/16/25 10:48	07/17/25 05:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		41	21	ug/Kg	✱	07/16/25 10:48	07/17/25 05:49	1
1,1,2-Trichloroethane	ND		41	8.6	ug/Kg	✱	07/16/25 10:48	07/17/25 05:49	1
1,1-Dichloroethane	ND		41	13	ug/Kg	✱	07/16/25 10:48	07/17/25 05:49	1
1,1-Dichloroethene	ND		41	14	ug/Kg	✱	07/16/25 10:48	07/17/25 05:49	1
1,2,4-Trichlorobenzene	ND		41	16	ug/Kg	✱	07/16/25 10:48	07/17/25 05:49	1
1,2-Dibromo-3-Chloropropane	ND		41	21	ug/Kg	✱	07/16/25 10:48	07/17/25 05:49	1
1,2-Dichlorobenzene	ND		41	10	ug/Kg	✱	07/16/25 10:48	07/17/25 05:49	1
1,2-Dichloroethane	ND		41	17	ug/Kg	✱	07/16/25 10:48	07/17/25 05:49	1
1,2-Dichloropropane	ND		41	6.7	ug/Kg	✱	07/16/25 10:48	07/17/25 05:49	1
1,3-Dichlorobenzene	ND		41	11	ug/Kg	✱	07/16/25 10:48	07/17/25 05:49	1
1,4-Dichlorobenzene	ND		41	5.8	ug/Kg	✱	07/16/25 10:48	07/17/25 05:49	1
2-Butanone (MEK)	ND		210	120	ug/Kg	✱	07/16/25 10:48	07/17/25 05:49	1
2-Hexanone	ND		210	84	ug/Kg	✱	07/16/25 10:48	07/17/25 05:49	1
4-Methyl-2-pentanone (MIBK)	ND		210	13	ug/Kg	✱	07/16/25 10:48	07/17/25 05:49	1
Acetone	ND		210	170	ug/Kg	✱	07/16/25 10:48	07/17/25 05:49	1
Benzene	ND		41	7.8	ug/Kg	✱	07/16/25 10:48	07/17/25 05:49	1
Bromoform	ND		41	21	ug/Kg	✱	07/16/25 10:48	07/17/25 05:49	1
Bromomethane	ND		41	9.1	ug/Kg	✱	07/16/25 10:48	07/17/25 05:49	1
Carbon disulfide	ND		41	19	ug/Kg	✱	07/16/25 10:48	07/17/25 05:49	1
Carbon tetrachloride	ND		41	10	ug/Kg	✱	07/16/25 10:48	07/17/25 05:49	1
Chlorobenzene	ND		41	5.4	ug/Kg	✱	07/16/25 10:48	07/17/25 05:49	1
Dibromochloromethane	ND		41	20	ug/Kg	✱	07/16/25 10:48	07/17/25 05:49	1
Chloroethane	ND		41	8.6	ug/Kg	✱	07/16/25 10:48	07/17/25 05:49	1
Chloroform	ND		41	28	ug/Kg	✱	07/16/25 10:48	07/17/25 05:49	1
Chloromethane	ND		41	9.8	ug/Kg	✱	07/16/25 10:48	07/17/25 05:49	1
cis-1,2-Dichloroethene	ND		41	11	ug/Kg	✱	07/16/25 10:48	07/17/25 05:49	1
Cyclohexane	ND		41	9.1	ug/Kg	✱	07/16/25 10:48	07/17/25 05:49	1
Bromodichloromethane	ND		41	8.2	ug/Kg	✱	07/16/25 10:48	07/17/25 05:49	1
Dichlorodifluoromethane	ND		41	18	ug/Kg	✱	07/16/25 10:48	07/17/25 05:49	1
Ethylbenzene	ND		41	12	ug/Kg	✱	07/16/25 10:48	07/17/25 05:49	1
1,2-Dibromoethane	ND		41	7.2	ug/Kg	✱	07/16/25 10:48	07/17/25 05:49	1
Isopropylbenzene	ND		41	6.2	ug/Kg	✱	07/16/25 10:48	07/17/25 05:49	1
Methyl acetate	ND		210	20	ug/Kg	✱	07/16/25 10:48	07/17/25 05:49	1
Methyl tert-butyl ether	ND		41	16	ug/Kg	✱	07/16/25 10:48	07/17/25 05:49	1
Methylcyclohexane	ND		41	19	ug/Kg	✱	07/16/25 10:48	07/17/25 05:49	1
Methylene Chloride	ND		41	8.1	ug/Kg	✱	07/16/25 10:48	07/17/25 05:49	1
Tetrachloroethene	ND		41	5.5	ug/Kg	✱	07/16/25 10:48	07/17/25 05:49	1
Toluene	ND		41	11	ug/Kg	✱	07/16/25 10:48	07/17/25 05:49	1
trans-1,2-Dichloroethene	ND		41	9.7	ug/Kg	✱	07/16/25 10:48	07/17/25 05:49	1
trans-1,3-Dichloropropene	ND		41	4.0	ug/Kg	✱	07/16/25 10:48	07/17/25 05:49	1
Trichloroethene	ND		41	11	ug/Kg	✱	07/16/25 10:48	07/17/25 05:49	1
Trichlorofluoromethane	ND		41	19	ug/Kg	✱	07/16/25 10:48	07/17/25 05:49	1
Vinyl chloride	ND		41	14	ug/Kg	✱	07/16/25 10:48	07/17/25 05:49	1
Xylenes, Total	ND		82	23	ug/Kg	✱	07/16/25 10:48	07/17/25 05:49	1
cis-1,3-Dichloropropene	ND		41	9.8	ug/Kg	✱	07/16/25 10:48	07/17/25 05:49	1
Styrene	ND		41	9.9	ug/Kg	✱	07/16/25 10:48	07/17/25 05:49	1

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Client Sample Results

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Client Sample ID: SB1-12"-18"

Lab Sample ID: 480-231006-1

Date Collected: 07/09/25 12:00

Matrix: Solid

Date Received: 07/10/25 14:30

Percent Solids: 93.9

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		53 - 146	07/16/25 10:48	07/17/25 05:49	1
4-Bromofluorobenzene (Surr)	87		49 - 148	07/16/25 10:48	07/17/25 05:49	1
Toluene-d8 (Surr)	101		50 - 149	07/16/25 10:48	07/17/25 05:49	1
Dibromofluoromethane (Surr)	84		60 - 140	07/16/25 10:48	07/17/25 05:49	1

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.38	0.12	ng/g	✱	07/18/25 14:16	07/19/25 09:28	1
Perfluoropentanoic acid (PFPeA)	ND		0.19	0.048	ng/g	✱	07/18/25 14:16	07/19/25 09:28	1
Perfluorohexanoic acid (PFHxA)	ND		0.19	0.057	ng/g	✱	07/18/25 14:16	07/19/25 09:28	1
Perfluoroheptanoic acid (PFHpA)	ND		0.19	0.067	ng/g	✱	07/18/25 14:16	07/19/25 09:28	1
Perfluorooctanoic acid (PFOA)	ND		0.19	0.057	ng/g	✱	07/18/25 14:16	07/19/25 09:28	1
Perfluorononanoic acid (PFNA)	ND		0.19	0.057	ng/g	✱	07/18/25 14:16	07/19/25 09:28	1
Perfluorodecanoic acid (PFDA)	ND		0.19	0.048	ng/g	✱	07/18/25 14:16	07/19/25 09:28	1
Perfluoroundecanoic acid (PFUnA)	ND		0.19	0.048	ng/g	✱	07/18/25 14:16	07/19/25 09:28	1
Perfluorododecanoic acid (PFDoA)	ND		0.19	0.048	ng/g	✱	07/18/25 14:16	07/19/25 09:28	1
Perfluorotridecanoic acid (PFTrDA)	ND		0.19	0.067	ng/g	✱	07/18/25 14:16	07/19/25 09:28	1
Perfluorotetradecanoic acid (PFTeDA)	ND		0.19	0.067	ng/g	✱	07/18/25 14:16	07/19/25 09:28	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.19	0.067	ng/g	✱	07/18/25 14:16	07/19/25 09:28	1
Perfluoropentanesulfonic acid (PFPeS)	ND		0.19	0.057	ng/g	✱	07/18/25 14:16	07/19/25 09:28	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.19	0.048	ng/g	✱	07/18/25 14:16	07/19/25 09:28	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.19	0.067	ng/g	✱	07/18/25 14:16	07/19/25 09:28	1
Perfluorooctanesulfonic acid (PFOS)	ND		0.19	0.11	ng/g	✱	07/18/25 14:16	07/19/25 09:28	1
Perfluorononanesulfonic acid (PFNS)	ND		0.19	0.067	ng/g	✱	07/18/25 14:16	07/19/25 09:28	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.19	0.048	ng/g	✱	07/18/25 14:16	07/19/25 09:28	1
Perfluorododecanesulfonic acid (PFDoS)	ND		0.19	0.057	ng/g	✱	07/18/25 14:16	07/19/25 09:28	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.38	0.096	ng/g	✱	07/18/25 14:16	07/19/25 09:28	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.38	0.12	ng/g	✱	07/18/25 14:16	07/19/25 09:28	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.38	0.12	ng/g	✱	07/18/25 14:16	07/19/25 09:28	1
Perfluorooctanesulfonamide (PFOSA)	ND		0.19	0.086	ng/g	✱	07/18/25 14:16	07/19/25 09:28	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.19	0.086	ng/g	✱	07/18/25 14:16	07/19/25 09:28	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.19	0.096	ng/g	✱	07/18/25 14:16	07/19/25 09:28	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.19	0.076	ng/g	✱	07/18/25 14:16	07/19/25 09:28	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.19	0.11	ng/g	✱	07/18/25 14:16	07/19/25 09:28	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.96	0.29	ng/g	✱	07/18/25 14:16	07/19/25 09:28	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.96	0.29	ng/g	✱	07/18/25 14:16	07/19/25 09:28	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.19	0.11	ng/g	✱	07/18/25 14:16	07/19/25 09:28	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.19	0.057	ng/g	✱	07/18/25 14:16	07/19/25 09:28	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.19	0.067	ng/g	✱	07/18/25 14:16	07/19/25 09:28	1

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Client Sample Results

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Client Sample ID: SB1-12"-18"

Lab Sample ID: 480-231006-1

Date Collected: 07/09/25 12:00

Matrix: Solid

Date Received: 07/10/25 14:30

Percent Solids: 93.9

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.19	0.048	ng/g	☼	07/18/25 14:16	07/19/25 09:28	1
Nonafluoro-3,6-dioxahexanoic acid (NFDHA)	ND		0.19	0.067	ng/g	☼	07/18/25 14:16	07/19/25 09:28	1
9-Chlorohexadecafluoro-3-oxanonan e-1-sulfonic acid (9CI-PF3ONS)	ND		0.19	0.086	ng/g	☼	07/18/25 14:16	07/19/25 09:28	1
11-Chloroeicosafluoro-3-oxaundecan e-1-sulfonic acid (11CI-PF3OUdS)	ND		0.19	0.076	ng/g	☼	07/18/25 14:16	07/19/25 09:28	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEEESA)	ND		0.19	0.048	ng/g	☼	07/18/25 14:16	07/19/25 09:28	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.38	0.19	ng/g	☼	07/18/25 14:16	07/19/25 09:28	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.96	0.48	ng/g	☼	07/18/25 14:16	07/19/25 09:28	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.96	0.38	ng/g	☼	07/18/25 14:16	07/19/25 09:28	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	115		8 - 130	07/18/25 14:16	07/19/25 09:28	1
13C5 PFPeA	112		35 - 130	07/18/25 14:16	07/19/25 09:28	1
13C5 PFHxA	111		40 - 130	07/18/25 14:16	07/19/25 09:28	1
13C4 PFHpA	101		40 - 130	07/18/25 14:16	07/19/25 09:28	1
13C8 PFOA	119		40 - 130	07/18/25 14:16	07/19/25 09:28	1
13C9 PFNA	107		40 - 130	07/18/25 14:16	07/19/25 09:28	1
13C6 PFDA	101		40 - 130	07/18/25 14:16	07/19/25 09:28	1
13C7 PFUnA	103		40 - 130	07/18/25 14:16	07/19/25 09:28	1
13C2 PFTeDA	107		20 - 130	07/18/25 14:16	07/19/25 09:28	1
13C3 PFBS	98.6		40 - 135	07/18/25 14:16	07/19/25 09:28	1
13C3 PFHxS	93.8		40 - 130	07/18/25 14:16	07/19/25 09:28	1
13C8 PFOS	91.4		40 - 130	07/18/25 14:16	07/19/25 09:28	1
13C8 FOSA	83.5		40 - 130	07/18/25 14:16	07/19/25 09:28	1
d3-NMeFOSAA	92.6		40 - 135	07/18/25 14:16	07/19/25 09:28	1
d5-NEtFOSAA	89.7		40 - 150	07/18/25 14:16	07/19/25 09:28	1
13C2 4:2 FTS	106		40 - 165	07/18/25 14:16	07/19/25 09:28	1
13C2 6:2 FTS	103		40 - 215	07/18/25 14:16	07/19/25 09:28	1
13C2 8:2 FTS	94.8		40 - 275	07/18/25 14:16	07/19/25 09:28	1
13C3 HFPO-DA	99.1		40 - 130	07/18/25 14:16	07/19/25 09:28	1
d7-N-MeFOSE-M	68.5		20 - 130	07/18/25 14:16	07/19/25 09:28	1
d9-N-EtFOSE-M	60.7		15 - 130	07/18/25 14:16	07/19/25 09:28	1
d5-NEtPFOSA	85.8		10 - 130	07/18/25 14:16	07/19/25 09:28	1
d3-NMePFOSA	80.4		10 - 130	07/18/25 14:16	07/19/25 09:28	1
13C2 PFDaA	106		40 - 130	07/18/25 14:16	07/19/25 09:28	1

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Client Sample Results

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Client Sample ID: SB1-18"-30"

Lab Sample ID: 480-231006-2

Date Collected: 07/09/25 12:00

Matrix: Solid

Date Received: 07/10/25 14:30

Percent Solids: 92.3

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.40	0.13	ng/g	✱	07/21/25 14:12	07/25/25 04:03	1
Perfluoropentanoic acid (PFPeA)	ND		0.20	0.050	ng/g	✱	07/21/25 14:12	07/25/25 04:03	1
Perfluorohexanoic acid (PFHxA)	ND		0.20	0.060	ng/g	✱	07/21/25 14:12	07/25/25 04:03	1
Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.070	ng/g	✱	07/21/25 14:12	07/25/25 04:03	1
Perfluorooctanoic acid (PFOA)	ND		0.20	0.060	ng/g	✱	07/21/25 14:12	07/25/25 04:03	1
Perfluorononanoic acid (PFNA)	ND		0.20	0.060	ng/g	✱	07/21/25 14:12	07/25/25 04:03	1
Perfluorodecanoic acid (PFDA)	ND		0.20	0.050	ng/g	✱	07/21/25 14:12	07/25/25 04:03	1
Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.050	ng/g	✱	07/21/25 14:12	07/25/25 04:03	1
Perfluorododecanoic acid (PFDoA)	ND		0.20	0.050	ng/g	✱	07/21/25 14:12	07/25/25 04:03	1
Perfluorotridecanoic acid (PFTTrDA)	ND		0.20	0.070	ng/g	✱	07/21/25 14:12	07/25/25 04:03	1
Perfluorotetradecanoic acid (PFTeDA)	ND		0.20	0.070	ng/g	✱	07/21/25 14:12	07/25/25 04:03	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.070	ng/g	✱	07/21/25 14:12	07/25/25 04:03	1
Perfluoropentanesulfonic acid (PFPeS)	ND		0.20	0.060	ng/g	✱	07/21/25 14:12	07/25/25 04:03	1
Perfluorohexanesulfonic acid (PFHxS)	0.16	J	0.20	0.050	ng/g	✱	07/21/25 14:12	07/25/25 04:03	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.070	ng/g	✱	07/21/25 14:12	07/25/25 04:03	1
Perfluorooctanesulfonic acid (PFOS)	0.99		0.20	0.11	ng/g	✱	07/21/25 14:12	07/25/25 04:03	1
Perfluorononanesulfonic acid (PFNS)	ND		0.20	0.070	ng/g	✱	07/21/25 14:12	07/25/25 04:03	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.050	ng/g	✱	07/21/25 14:12	07/25/25 04:03	1
Perfluorododecanesulfonic acid (PFDoS)	ND		0.20	0.060	ng/g	✱	07/21/25 14:12	07/25/25 04:03	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.40	0.10	ng/g	✱	07/21/25 14:12	07/25/25 04:03	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.40	0.13	ng/g	✱	07/21/25 14:12	07/25/25 04:03	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.40	0.13	ng/g	✱	07/21/25 14:12	07/25/25 04:03	1
Perfluorooctanesulfonamide (PFOSA)	ND		0.20	0.090	ng/g	✱	07/21/25 14:12	07/25/25 04:03	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.20	0.090	ng/g	✱	07/21/25 14:12	07/25/25 04:03	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.20	0.10	ng/g	✱	07/21/25 14:12	07/25/25 04:03	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.080	ng/g	✱	07/21/25 14:12	07/25/25 04:03	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.60		0.20	0.11	ng/g	✱	07/21/25 14:12	07/25/25 04:03	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		1.0	0.30	ng/g	✱	07/21/25 14:12	07/25/25 04:03	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		1.0	0.30	ng/g	✱	07/21/25 14:12	07/25/25 04:03	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.20	0.11	ng/g	✱	07/21/25 14:12	07/25/25 04:03	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.20	0.060	ng/g	✱	07/21/25 14:12	07/25/25 04:03	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.20	0.070	ng/g	✱	07/21/25 14:12	07/25/25 04:03	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.20	0.050	ng/g	✱	07/21/25 14:12	07/25/25 04:03	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.20	0.070	ng/g	✱	07/21/25 14:12	07/25/25 04:03	1

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Client Sample Results

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Client Sample ID: SB1-18"-30"

Lab Sample ID: 480-231006-2

Date Collected: 07/09/25 12:00

Matrix: Solid

Date Received: 07/10/25 14:30

Percent Solids: 92.3

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
9-Chlorohexadecafluoro-3-oxanonan e-1-sulfonic acid (9Cl-PF3ONS)	ND		0.20	0.090	ng/g	☼	07/21/25 14:12	07/25/25 04:03	1
11-Chloroeicosafluoro-3-oxaundecan e-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.20	0.080	ng/g	☼	07/21/25 14:12	07/25/25 04:03	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEEESA)	ND		0.20	0.050	ng/g	☼	07/21/25 14:12	07/25/25 04:03	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.40	0.20	ng/g	☼	07/21/25 14:12	07/25/25 04:03	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		1.0	0.50	ng/g	☼	07/21/25 14:12	07/25/25 04:03	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		1.0	0.40	ng/g	☼	07/21/25 14:12	07/25/25 04:03	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	82.8		8 - 130	07/21/25 14:12	07/25/25 04:03	1
13C5 PFPeA	99.4		35 - 130	07/21/25 14:12	07/25/25 04:03	1
13C5 PFHxA	94.4		40 - 130	07/21/25 14:12	07/25/25 04:03	1
13C4 PFHpA	92.5		40 - 130	07/21/25 14:12	07/25/25 04:03	1
13C8 PFOA	92.3		40 - 130	07/21/25 14:12	07/25/25 04:03	1
13C9 PFNA	91.0		40 - 130	07/21/25 14:12	07/25/25 04:03	1
13C6 PFDA	82.3		40 - 130	07/21/25 14:12	07/25/25 04:03	1
13C7 PFUnA	84.6		40 - 130	07/21/25 14:12	07/25/25 04:03	1
13C2 PFTeDA	59.7		20 - 130	07/21/25 14:12	07/25/25 04:03	1
13C3 PFBS	86.1		40 - 135	07/21/25 14:12	07/25/25 04:03	1
13C3 PFHxS	83.1		40 - 130	07/21/25 14:12	07/25/25 04:03	1
13C8 PFOS	76.8		40 - 130	07/21/25 14:12	07/25/25 04:03	1
13C8 FOSA	69.0		40 - 130	07/21/25 14:12	07/25/25 04:03	1
d3-NMeFOSAA	78.3		40 - 135	07/21/25 14:12	07/25/25 04:03	1
d5-NEtFOSAA	69.5		40 - 150	07/21/25 14:12	07/25/25 04:03	1
13C2 4:2 FTS	83.1		40 - 165	07/21/25 14:12	07/25/25 04:03	1
13C2 6:2 FTS	81.1		40 - 215	07/21/25 14:12	07/25/25 04:03	1
13C2 8:2 FTS	75.0		40 - 275	07/21/25 14:12	07/25/25 04:03	1
13C3 HFPO-DA	87.1		40 - 130	07/21/25 14:12	07/25/25 04:03	1
d7-N-MeFOSE-M	26.1		20 - 130	07/21/25 14:12	07/25/25 04:03	1
d9-N-EtFOSE-M	19.5		15 - 130	07/21/25 14:12	07/25/25 04:03	1
d5-NEtPFOSA	59.8		10 - 130	07/21/25 14:12	07/25/25 04:03	1
d3-NMePFOSA	64.8		10 - 130	07/21/25 14:12	07/25/25 04:03	1
13C2 PFDaA	66.5		40 - 130	07/21/25 14:12	07/25/25 04:03	1

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Client Sample Results

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Client Sample ID: SB1-12'-48"

Lab Sample ID: 480-231006-3

Date Collected: 07/09/25 12:00

Matrix: Solid

Date Received: 07/10/25 14:30

Percent Solids: 94.0

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		1700	330	ug/Kg	✱	07/12/25 07:49	07/18/25 15:51	10
bis (2-chloroisopropyl) ether	ND		1700	360	ug/Kg	✱	07/12/25 07:49	07/18/25 15:51	10
2,4,5-Trichlorophenol	ND		1700	350	ug/Kg	✱	07/12/25 07:49	07/18/25 15:51	10
2,4,6-Trichlorophenol	ND		1700	260	ug/Kg	✱	07/12/25 07:49	07/18/25 15:51	10
2,4-Dichlorophenol	ND		1700	340	ug/Kg	✱	07/12/25 07:49	07/18/25 15:51	10
2,4-Dimethylphenol	ND		1700	370	ug/Kg	✱	07/12/25 07:49	07/18/25 15:51	10
2,4-Dinitrophenol	ND		17000	330	ug/Kg	✱	07/12/25 07:49	07/18/25 15:51	10
2,4-Dinitrotoluene	ND		1700	240	ug/Kg	✱	07/12/25 07:49	07/18/25 15:51	10
2,6-Dinitrotoluene	ND		1700	250	ug/Kg	✱	07/12/25 07:49	07/18/25 15:51	10
2-Chloronaphthalene	ND		1700	320	ug/Kg	✱	07/12/25 07:49	07/18/25 15:51	10
2-Chlorophenol	ND		1700	270	ug/Kg	✱	07/12/25 07:49	07/18/25 15:51	10
2-Methylnaphthalene	810	J	1700	270	ug/Kg	✱	07/12/25 07:49	07/18/25 15:51	10
2-Methylphenol	ND		1700	280	ug/Kg	✱	07/12/25 07:49	07/18/25 15:51	10
2-Nitroaniline	ND		3400	290	ug/Kg	✱	07/12/25 07:49	07/18/25 15:51	10
2-Nitrophenol	ND		1700	200	ug/Kg	✱	07/12/25 07:49	07/18/25 15:51	10
3,3'-Dichlorobenzidine	ND		3400	510	ug/Kg	✱	07/12/25 07:49	07/18/25 15:51	10
3-Nitroaniline	ND		3400	250	ug/Kg	✱	07/12/25 07:49	07/18/25 15:51	10
4,6-Dinitro-2-methylphenol	ND		3400	380	ug/Kg	✱	07/12/25 07:49	07/18/25 15:51	10
4-Bromophenyl phenyl ether	ND		1700	290	ug/Kg	✱	07/12/25 07:49	07/18/25 15:51	10
4-Chloro-3-methylphenol	ND		1700	360	ug/Kg	✱	07/12/25 07:49	07/18/25 15:51	10
4-Chloroaniline	ND		1700	250	ug/Kg	✱	07/12/25 07:49	07/18/25 15:51	10
4-Chlorophenyl phenyl ether	ND		1700	360	ug/Kg	✱	07/12/25 07:49	07/18/25 15:51	10
4-Methylphenol	ND		3400	310	ug/Kg	✱	07/12/25 07:49	07/18/25 15:51	10
4-Nitroaniline	ND		3400	250	ug/Kg	✱	07/12/25 07:49	07/18/25 15:51	10
4-Nitrophenol	ND		3400	470	ug/Kg	✱	07/12/25 07:49	07/18/25 15:51	10
Acenaphthene	ND		1700	320	ug/Kg	✱	07/12/25 07:49	07/18/25 15:51	10
Acenaphthylene	730	J	1700	330	ug/Kg	✱	07/12/25 07:49	07/18/25 15:51	10
Acetophenone	ND		1700	310	ug/Kg	✱	07/12/25 07:49	07/18/25 15:51	10
Anthracene	1300	J	1700	320	ug/Kg	✱	07/12/25 07:49	07/18/25 15:51	10
Atrazine	ND		1700	590	ug/Kg	✱	07/12/25 07:49	07/18/25 15:51	10
Benzaldehyde	ND		1700	1300	ug/Kg	✱	07/12/25 07:49	07/18/25 15:51	10
Benzo[a]anthracene	3200		1700	240	ug/Kg	✱	07/12/25 07:49	07/18/25 15:51	10
Benzo[a]pyrene	2800		1700	300	ug/Kg	✱	07/12/25 07:49	07/18/25 15:51	10
Benzo[b]fluoranthene	2500		1700	230	ug/Kg	✱	07/12/25 07:49	07/18/25 15:51	10
Benzo[g,h,i]perylene	2100		1700	300	ug/Kg	✱	07/12/25 07:49	07/18/25 15:51	10
Benzo[k]fluoranthene	1400	J	1700	390	ug/Kg	✱	07/12/25 07:49	07/18/25 15:51	10
Bis(2-chloroethoxy)methane	ND		1700	330	ug/Kg	✱	07/12/25 07:49	07/18/25 15:51	10
Bis(2-chloroethyl)ether	ND		1700	330	ug/Kg	✱	07/12/25 07:49	07/18/25 15:51	10
Bis(2-ethylhexyl) phthalate	ND		1700	380	ug/Kg	✱	07/12/25 07:49	07/18/25 15:51	10
Butyl benzyl phthalate	ND		1700	320	ug/Kg	✱	07/12/25 07:49	07/18/25 15:51	10
Caprolactam	ND		1700	400	ug/Kg	✱	07/12/25 07:49	07/18/25 15:51	10
Carbazole	ND		1700	340	ug/Kg	✱	07/12/25 07:49	07/18/25 15:51	10
Chrysene	3600		1700	420	ug/Kg	✱	07/12/25 07:49	07/18/25 15:51	10
Dibenz(a,h)anthracene	480	J	1700	350	ug/Kg	✱	07/12/25 07:49	07/18/25 15:51	10
Dibenzofuran	ND		1700	310	ug/Kg	✱	07/12/25 07:49	07/18/25 15:51	10
Diethyl phthalate	ND		1700	310	ug/Kg	✱	07/12/25 07:49	07/18/25 15:51	10
Dimethyl phthalate	ND		1700	330	ug/Kg	✱	07/12/25 07:49	07/18/25 15:51	10
Di-n-butyl phthalate	ND		1700	390	ug/Kg	✱	07/12/25 07:49	07/18/25 15:51	10
Di-n-octyl phthalate	ND		1700	330	ug/Kg	✱	07/12/25 07:49	07/18/25 15:51	10

Eurofins Buffalo

Client Sample Results

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Client Sample ID: SB1-12'-48"

Lab Sample ID: 480-231006-3

Date Collected: 07/09/25 12:00

Matrix: Solid

Date Received: 07/10/25 14:30

Percent Solids: 94.0

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	4400		1700	320	ug/Kg	✱	07/12/25 07:49	07/18/25 15:51	10
Fluorene	490	J	1700	320	ug/Kg	✱	07/12/25 07:49	07/18/25 15:51	10
Hexachlorobenzene	ND		1700	330	ug/Kg	✱	07/12/25 07:49	07/18/25 15:51	10
Hexachlorobutadiene	ND		1700	260	ug/Kg	✱	07/12/25 07:49	07/18/25 15:51	10
Hexachlorocyclopentadiene	ND		3400	760	ug/Kg	✱	07/12/25 07:49	07/18/25 15:51	10
Hexachloroethane	ND		1700	320	ug/Kg	✱	07/12/25 07:49	07/18/25 15:51	10
Indeno[1,2,3-cd]pyrene	1200	J	1700	260	ug/Kg	✱	07/12/25 07:49	07/18/25 15:51	10
Isophorone	ND		1700	360	ug/Kg	✱	07/12/25 07:49	07/18/25 15:51	10
Naphthalene	910	J	1700	290	ug/Kg	✱	07/12/25 07:49	07/18/25 15:51	10
Nitrobenzene	ND		1700	290	ug/Kg	✱	07/12/25 07:49	07/18/25 15:51	10
N-Nitrosodi-n-propylamine	ND		1700	390	ug/Kg	✱	07/12/25 07:49	07/18/25 15:51	10
N-Nitrosodiphenylamine	ND		1700	290	ug/Kg	✱	07/12/25 07:49	07/18/25 15:51	10
Pentachlorophenol	ND		3400	550	ug/Kg	✱	07/12/25 07:49	07/18/25 15:51	10
Phenanthrene	3200		1700	330	ug/Kg	✱	07/12/25 07:49	07/18/25 15:51	10
Phenol	ND		1700	320	ug/Kg	✱	07/12/25 07:49	07/18/25 15:51	10
Pyrene	8000		1700	330	ug/Kg	✱	07/12/25 07:49	07/18/25 15:51	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	57		22 - 120	07/12/25 07:49	07/18/25 15:51	10
p-Terphenyl-d14 (Surr)	87		28 - 124	07/12/25 07:49	07/18/25 15:51	10
Phenol-d5 (Surr)	79		23 - 120	07/12/25 07:49	07/18/25 15:51	10
2-Fluorophenol (Surr)	83		18 - 120	07/12/25 07:49	07/18/25 15:51	10
2,4,6-Tribromophenol (Surr)	82		10 - 140	07/12/25 07:49	07/18/25 15:51	10
2-Fluorobiphenyl (Surr)	83		29 - 120	07/12/25 07:49	07/18/25 15:51	10

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		67	13	ug/Kg	✱	07/15/25 06:52	07/18/25 11:17	20
4,4'-DDE	ND		67	14	ug/Kg	✱	07/15/25 06:52	07/18/25 11:17	20
4,4'-DDT	32	J	67	16	ug/Kg	✱	07/15/25 06:52	07/18/25 11:17	20
Aldrin	ND	F1	67	16	ug/Kg	✱	07/15/25 06:52	07/18/25 11:17	20
alpha-BHC	ND		67	12	ug/Kg	✱	07/15/25 06:52	07/18/25 11:17	20
cis-Chlordane	ND	F1	67	33	ug/Kg	✱	07/15/25 06:52	07/18/25 11:17	20
beta-BHC	ND		67	12	ug/Kg	✱	07/15/25 06:52	07/18/25 11:17	20
delta-BHC	ND		67	12	ug/Kg	✱	07/15/25 06:52	07/18/25 11:17	20
Dieldrin	ND	F2	67	16	ug/Kg	✱	07/15/25 06:52	07/18/25 11:17	20
Endosulfan I	ND	F1	67	13	ug/Kg	✱	07/15/25 06:52	07/18/25 11:17	20
Endosulfan II	ND		67	12	ug/Kg	✱	07/15/25 06:52	07/18/25 11:17	20
Endosulfan sulfate	ND		67	12	ug/Kg	✱	07/15/25 06:52	07/18/25 11:17	20
Endrin	ND		67	13	ug/Kg	✱	07/15/25 06:52	07/18/25 11:17	20
Endrin aldehyde	ND	F1	67	17	ug/Kg	✱	07/15/25 06:52	07/18/25 11:17	20
Endrin ketone	ND		67	16	ug/Kg	✱	07/15/25 06:52	07/18/25 11:17	20
gamma-BHC (Lindane)	ND		67	12	ug/Kg	✱	07/15/25 06:52	07/18/25 11:17	20
trans-Chlordane	ND	F1	67	21	ug/Kg	✱	07/15/25 06:52	07/18/25 11:17	20
Heptachlor	ND		67	14	ug/Kg	✱	07/15/25 06:52	07/18/25 11:17	20
Heptachlor epoxide	ND	F1	67	17	ug/Kg	✱	07/15/25 06:52	07/18/25 11:17	20
Methoxychlor	ND		67	14	ug/Kg	✱	07/15/25 06:52	07/18/25 11:17	20
Toxaphene	ND		670	390	ug/Kg	✱	07/15/25 06:52	07/18/25 11:17	20

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Client Sample Results

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Client Sample ID: SB1-12'-48"

Lab Sample ID: 480-231006-3

Date Collected: 07/09/25 12:00

Matrix: Solid

Date Received: 07/10/25 14:30

Percent Solids: 94.0

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	114		45 - 120	07/15/25 06:52	07/18/25 11:17	20
DCB Decachlorobiphenyl	216	S1+	45 - 120	07/15/25 06:52	07/18/25 11:17	20
Tetrachloro-m-xylene	0	S1-	30 - 124	07/15/25 06:52	07/18/25 11:17	20
Tetrachloro-m-xylene	0	S1-	30 - 124	07/15/25 06:52	07/18/25 11:17	20

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.018	0.0056	mg/Kg	☆	07/21/25 17:00	07/22/25 13:39	1
PCB-1221	ND		0.018	0.0056	mg/Kg	☆	07/21/25 17:00	07/22/25 13:39	1
PCB-1232	ND		0.018	0.0056	mg/Kg	☆	07/21/25 17:00	07/22/25 13:39	1
PCB-1242	ND		0.018	0.0056	mg/Kg	☆	07/21/25 17:00	07/22/25 13:39	1
PCB-1248	ND		0.018	0.0056	mg/Kg	☆	07/21/25 17:00	07/22/25 13:39	1
PCB-1254	ND		0.018	0.0068	mg/Kg	☆	07/21/25 17:00	07/22/25 13:39	1
PCB-1260	ND	F1	0.018	0.0068	mg/Kg	☆	07/21/25 17:00	07/22/25 13:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	90		68 - 130	07/21/25 17:00	07/22/25 13:39	1
Tetrachloro-m-xylene	55	S1- p	68 - 130	07/21/25 17:00	07/22/25 13:39	1
DCB Decachlorobiphenyl (Surr)	74		66 - 130	07/21/25 17:00	07/22/25 13:39	1
DCB Decachlorobiphenyl (Surr)	60	S1-	66 - 130	07/21/25 17:00	07/22/25 13:39	1

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	ND		18	5.6	ug/Kg	☆	07/19/25 05:38	07/24/25 02:57	1
Silvex (2,4,5-TP)	ND		18	6.3	ug/Kg	☆	07/19/25 05:38	07/24/25 02:57	1
2,4-D	ND		18	11	ug/Kg	☆	07/19/25 05:38	07/24/25 02:57	1
Dichlorprop	ND		18	8.8	ug/Kg	☆	07/19/25 05:38	07/24/25 02:57	1
Pentachlorophenol	ND		18	5.7	ug/Kg	☆	07/19/25 05:38	07/24/25 02:57	1
Picloram	ND		18	7.6	ug/Kg	☆	07/19/25 05:38	07/24/25 02:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	45		28 - 129	07/19/25 05:38	07/24/25 02:57	1
2,4-Dichlorophenylacetic acid	40		28 - 129	07/19/25 05:38	07/24/25 02:57	1

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.38	0.12	ng/g	☆	07/18/25 14:16	07/19/25 09:41	1
Perfluoropentanoic acid (PFPeA)	ND		0.19	0.048	ng/g	☆	07/18/25 14:16	07/19/25 09:41	1
Perfluorohexanoic acid (PFHxA)	ND		0.19	0.057	ng/g	☆	07/18/25 14:16	07/19/25 09:41	1
Perfluoroheptanoic acid (PFHpA)	ND		0.19	0.067	ng/g	☆	07/18/25 14:16	07/19/25 09:41	1
Perfluorooctanoic acid (PFOA)	ND		0.19	0.057	ng/g	☆	07/18/25 14:16	07/19/25 09:41	1
Perfluorononanoic acid (PFNA)	ND		0.19	0.057	ng/g	☆	07/18/25 14:16	07/19/25 09:41	1
Perfluorodecanoic acid (PFDA)	ND		0.19	0.048	ng/g	☆	07/18/25 14:16	07/19/25 09:41	1
Perfluoroundecanoic acid (PFUnA)	ND		0.19	0.048	ng/g	☆	07/18/25 14:16	07/19/25 09:41	1
Perfluorododecanoic acid (PFDoA)	ND		0.19	0.048	ng/g	☆	07/18/25 14:16	07/19/25 09:41	1
Perfluorotridecanoic acid (PFTrDA)	ND		0.19	0.067	ng/g	☆	07/18/25 14:16	07/19/25 09:41	1
Perfluorotetradecanoic acid (PFTeDA)	ND		0.19	0.067	ng/g	☆	07/18/25 14:16	07/19/25 09:41	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.19	0.067	ng/g	☆	07/18/25 14:16	07/19/25 09:41	1
Perfluoropentanesulfonic acid (PFPeS)	ND		0.19	0.057	ng/g	☆	07/18/25 14:16	07/19/25 09:41	1
Perfluorohexanesulfonic acid (PFHxS)	0.056	J	0.19	0.048	ng/g	☆	07/18/25 14:16	07/19/25 09:41	1

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Client Sample Results

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Client Sample ID: SB1-12'-48"

Lab Sample ID: 480-231006-3

Date Collected: 07/09/25 12:00

Matrix: Solid

Date Received: 07/10/25 14:30

Percent Solids: 94.0

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.19	0.067	ng/g	☼	07/18/25 14:16	07/19/25 09:41	1
Perfluorooctanesulfonic acid (PFOS)	0.40		0.19	0.10	ng/g	☼	07/18/25 14:16	07/19/25 09:41	1
Perfluorononanesulfonic acid (PFNS)	ND		0.19	0.067	ng/g	☼	07/18/25 14:16	07/19/25 09:41	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.19	0.048	ng/g	☼	07/18/25 14:16	07/19/25 09:41	1
Perfluorododecanesulfonic acid (PFDoS)	ND		0.19	0.057	ng/g	☼	07/18/25 14:16	07/19/25 09:41	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.38	0.095	ng/g	☼	07/18/25 14:16	07/19/25 09:41	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.38	0.12	ng/g	☼	07/18/25 14:16	07/19/25 09:41	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.38	0.12	ng/g	☼	07/18/25 14:16	07/19/25 09:41	1
Perfluorooctanesulfonamide (PFOSA)	ND		0.19	0.086	ng/g	☼	07/18/25 14:16	07/19/25 09:41	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.19	0.086	ng/g	☼	07/18/25 14:16	07/19/25 09:41	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.19	0.095	ng/g	☼	07/18/25 14:16	07/19/25 09:41	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.19	0.076	ng/g	☼	07/18/25 14:16	07/19/25 09:41	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.19	0.10	ng/g	☼	07/18/25 14:16	07/19/25 09:41	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.95	0.29	ng/g	☼	07/18/25 14:16	07/19/25 09:41	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.95	0.29	ng/g	☼	07/18/25 14:16	07/19/25 09:41	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.19	0.10	ng/g	☼	07/18/25 14:16	07/19/25 09:41	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.19	0.057	ng/g	☼	07/18/25 14:16	07/19/25 09:41	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.19	0.067	ng/g	☼	07/18/25 14:16	07/19/25 09:41	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.19	0.048	ng/g	☼	07/18/25 14:16	07/19/25 09:41	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.19	0.067	ng/g	☼	07/18/25 14:16	07/19/25 09:41	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		0.19	0.086	ng/g	☼	07/18/25 14:16	07/19/25 09:41	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.19	0.076	ng/g	☼	07/18/25 14:16	07/19/25 09:41	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.19	0.048	ng/g	☼	07/18/25 14:16	07/19/25 09:41	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.38	0.19	ng/g	☼	07/18/25 14:16	07/19/25 09:41	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.95	0.48	ng/g	☼	07/18/25 14:16	07/19/25 09:41	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.95	0.38	ng/g	☼	07/18/25 14:16	07/19/25 09:41	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	109		8 - 130				07/18/25 14:16	07/19/25 09:41	1
13C5 PFPeA	113		35 - 130				07/18/25 14:16	07/19/25 09:41	1
13C5 PFHxA	108		40 - 130				07/18/25 14:16	07/19/25 09:41	1
13C4 PFHpA	109		40 - 130				07/18/25 14:16	07/19/25 09:41	1
13C8 PFOA	111		40 - 130				07/18/25 14:16	07/19/25 09:41	1

Eurofins Buffalo

Client Sample Results

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Client Sample ID: SB1-12'-48"

Lab Sample ID: 480-231006-3

Date Collected: 07/09/25 12:00

Matrix: Solid

Date Received: 07/10/25 14:30

Percent Solids: 94.0

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C9 PFNA	99.5		40 - 130	07/18/25 14:16	07/19/25 09:41	1
13C6 PFDA	95.1		40 - 130	07/18/25 14:16	07/19/25 09:41	1
13C7 PFUnA	105		40 - 130	07/18/25 14:16	07/19/25 09:41	1
13C2 PFTeDA	98.4		20 - 130	07/18/25 14:16	07/19/25 09:41	1
13C3 PFBS	101		40 - 135	07/18/25 14:16	07/19/25 09:41	1
13C3 PFHxS	92.6		40 - 130	07/18/25 14:16	07/19/25 09:41	1
13C8 PFOS	83.5		40 - 130	07/18/25 14:16	07/19/25 09:41	1
13C8 FOSA	85.5		40 - 130	07/18/25 14:16	07/19/25 09:41	1
d3-NMeFOSAA	95.2		40 - 135	07/18/25 14:16	07/19/25 09:41	1
d5-NEtFOSAA	93.6		40 - 150	07/18/25 14:16	07/19/25 09:41	1
13C2 4:2 FTS	104		40 - 165	07/18/25 14:16	07/19/25 09:41	1
13C2 6:2 FTS	100		40 - 215	07/18/25 14:16	07/19/25 09:41	1
13C2 8:2 FTS	93.6		40 - 275	07/18/25 14:16	07/19/25 09:41	1
13C3 HFPO-DA	102		40 - 130	07/18/25 14:16	07/19/25 09:41	1
d7-N-MeFOSE-M	60.4		20 - 130	07/18/25 14:16	07/19/25 09:41	1
d9-N-EtFOSE-M	58.0		15 - 130	07/18/25 14:16	07/19/25 09:41	1
d5-NEtPFOSA	81.3		10 - 130	07/18/25 14:16	07/19/25 09:41	1
d3-NMePFOSA	76.6		10 - 130	07/18/25 14:16	07/19/25 09:41	1
13C2 PFDaA	95.2		40 - 130	07/18/25 14:16	07/19/25 09:41	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	18100		11.2	9.7	mg/Kg	✱	07/17/25 08:43	07/18/25 12:20	1
Antimony	ND		16.8	0.59	mg/Kg	✱	07/17/25 08:43	07/18/25 12:20	1
Arsenic	1.6	J	2.2	0.99	mg/Kg	✱	07/17/25 08:43	07/18/25 12:20	1
Barium	114		0.56	0.16	mg/Kg	✱	07/17/25 08:43	07/18/25 12:20	1
Beryllium	0.42		0.22	0.045	mg/Kg	✱	07/17/25 08:43	07/18/25 12:20	1
Cadmium	0.29		0.22	0.078	mg/Kg	✱	07/17/25 08:43	07/18/25 12:20	1
Calcium	12100		56.0	30.3	mg/Kg	✱	07/17/25 08:43	07/18/25 12:20	1
Chromium	22.6		0.56	0.40	mg/Kg	✱	07/17/25 08:43	07/18/25 12:20	1
Cobalt	18.7		0.56	0.11	mg/Kg	✱	07/17/25 08:43	07/18/25 12:20	1
Copper	102		1.1	0.64	mg/Kg	✱	07/17/25 08:43	07/18/25 12:20	1
Iron	34300		11.2	9.5	mg/Kg	✱	07/17/25 08:43	07/18/25 12:20	1
Lead	21.4		1.1	0.52	mg/Kg	✱	07/17/25 08:43	07/18/25 12:20	1
Magnesium	8370		22.4	9.5	mg/Kg	✱	07/17/25 08:43	07/18/25 12:20	1
Manganese	370		1.1	0.31	mg/Kg	✱	07/17/25 08:43	07/18/25 12:20	1
Nickel	24.9		5.6	0.28	mg/Kg	✱	07/17/25 08:43	07/18/25 12:20	1
Potassium	3980		33.6	27.2	mg/Kg	✱	07/17/25 08:43	07/18/25 12:20	1
Selenium	ND		4.5	0.90	mg/Kg	✱	07/17/25 08:43	07/18/25 12:20	1
Silver	0.35	J ^5-	0.67	0.22	mg/Kg	✱	07/17/25 08:43	07/18/25 12:20	1
Sodium	2130		157	68.7	mg/Kg	✱	07/17/25 08:43	07/18/25 12:20	1
Thallium	ND		6.7	0.85	mg/Kg	✱	07/17/25 08:43	07/18/25 12:20	1
Vanadium	61.5		0.56	0.15	mg/Kg	✱	07/17/25 08:43	07/18/25 12:20	1
Zinc	105	^5-	2.2	1.1	mg/Kg	✱	07/17/25 08:43	07/18/25 12:20	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0056	J	0.021	0.0048	mg/Kg	✱	07/14/25 10:43	07/14/25 13:38	1

Eurofins Buffalo

Client Sample Results

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Client Sample ID: SB1-7'-8'

Lab Sample ID: 480-231006-4

Date Collected: 07/09/25 12:45

Matrix: Solid

Date Received: 07/10/25 14:30

Percent Solids: 89.4

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	F1	54	15	ug/Kg	✱	07/16/25 10:48	07/17/25 06:12	1
1,1,2,2-Tetrachloroethane	ND	F1	54	8.7	ug/Kg	✱	07/16/25 10:48	07/17/25 06:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		54	27	ug/Kg	✱	07/16/25 10:48	07/17/25 06:12	1
1,1,2-Trichloroethane	ND	F1	54	11	ug/Kg	✱	07/16/25 10:48	07/17/25 06:12	1
1,1-Dichloroethane	ND	F1	54	17	ug/Kg	✱	07/16/25 10:48	07/17/25 06:12	1
1,1-Dichloroethene	ND		54	19	ug/Kg	✱	07/16/25 10:48	07/17/25 06:12	1
1,2,4-Trichlorobenzene	ND	F1	54	20	ug/Kg	✱	07/16/25 10:48	07/17/25 06:12	1
1,2-Dibromo-3-Chloropropane	ND	F1	54	27	ug/Kg	✱	07/16/25 10:48	07/17/25 06:12	1
1,2-Dichlorobenzene	ND	F1	54	14	ug/Kg	✱	07/16/25 10:48	07/17/25 06:12	1
1,2-Dichloroethane	ND	F1	54	22	ug/Kg	✱	07/16/25 10:48	07/17/25 06:12	1
1,2-Dichloropropane	ND	F1	54	8.7	ug/Kg	✱	07/16/25 10:48	07/17/25 06:12	1
1,3-Dichlorobenzene	ND	F1	54	14	ug/Kg	✱	07/16/25 10:48	07/17/25 06:12	1
1,4-Dichlorobenzene	ND	F1	54	7.5	ug/Kg	✱	07/16/25 10:48	07/17/25 06:12	1
2-Butanone (MEK)	ND	F1	270	160	ug/Kg	✱	07/16/25 10:48	07/17/25 06:12	1
2-Hexanone	ND	F1	270	110	ug/Kg	✱	07/16/25 10:48	07/17/25 06:12	1
4-Methyl-2-pentanone (MIBK)	ND	F1	270	17	ug/Kg	✱	07/16/25 10:48	07/17/25 06:12	1
Acetone	ND	F1	270	220	ug/Kg	✱	07/16/25 10:48	07/17/25 06:12	1
Benzene	ND	F1	54	10	ug/Kg	✱	07/16/25 10:48	07/17/25 06:12	1
Bromoform	ND		54	27	ug/Kg	✱	07/16/25 10:48	07/17/25 06:12	1
Bromomethane	ND		54	12	ug/Kg	✱	07/16/25 10:48	07/17/25 06:12	1
Carbon disulfide	ND		54	24	ug/Kg	✱	07/16/25 10:48	07/17/25 06:12	1
Carbon tetrachloride	ND		54	14	ug/Kg	✱	07/16/25 10:48	07/17/25 06:12	1
Chlorobenzene	ND	F1	54	7.1	ug/Kg	✱	07/16/25 10:48	07/17/25 06:12	1
Dibromochloromethane	ND		54	26	ug/Kg	✱	07/16/25 10:48	07/17/25 06:12	1
Chloroethane	ND		54	11	ug/Kg	✱	07/16/25 10:48	07/17/25 06:12	1
Chloroform	ND	F1	54	37	ug/Kg	✱	07/16/25 10:48	07/17/25 06:12	1
Chloromethane	ND		54	13	ug/Kg	✱	07/16/25 10:48	07/17/25 06:12	1
cis-1,2-Dichloroethene	ND	F1	54	15	ug/Kg	✱	07/16/25 10:48	07/17/25 06:12	1
Cyclohexane	ND	F1	54	12	ug/Kg	✱	07/16/25 10:48	07/17/25 06:12	1
Bromodichloromethane	ND		54	11	ug/Kg	✱	07/16/25 10:48	07/17/25 06:12	1
Dichlorodifluoromethane	ND		54	23	ug/Kg	✱	07/16/25 10:48	07/17/25 06:12	1
Ethylbenzene	ND	F1	54	16	ug/Kg	✱	07/16/25 10:48	07/17/25 06:12	1
1,2-Dibromoethane	ND	F1	54	9.4	ug/Kg	✱	07/16/25 10:48	07/17/25 06:12	1
Isopropylbenzene	ND	F1	54	8.1	ug/Kg	✱	07/16/25 10:48	07/17/25 06:12	1
Methyl acetate	100	J F1	270	26	ug/Kg	✱	07/16/25 10:48	07/17/25 06:12	1
Methyl tert-butyl ether	ND	F1	54	20	ug/Kg	✱	07/16/25 10:48	07/17/25 06:12	1
Methylcyclohexane	ND	F1	54	25	ug/Kg	✱	07/16/25 10:48	07/17/25 06:12	1
Methylene Chloride	ND	F1	54	11	ug/Kg	✱	07/16/25 10:48	07/17/25 06:12	1
Tetrachloroethene	ND	F1	54	7.2	ug/Kg	✱	07/16/25 10:48	07/17/25 06:12	1
Toluene	ND	F1	54	14	ug/Kg	✱	07/16/25 10:48	07/17/25 06:12	1
trans-1,2-Dichloroethene	ND	F1	54	13	ug/Kg	✱	07/16/25 10:48	07/17/25 06:12	1
trans-1,3-Dichloropropene	ND	F1	54	5.3	ug/Kg	✱	07/16/25 10:48	07/17/25 06:12	1
Trichloroethene	ND	F1	54	15	ug/Kg	✱	07/16/25 10:48	07/17/25 06:12	1
Trichlorofluoromethane	ND		54	25	ug/Kg	✱	07/16/25 10:48	07/17/25 06:12	1
Vinyl chloride	ND		54	18	ug/Kg	✱	07/16/25 10:48	07/17/25 06:12	1
Xylenes, Total	ND	F1	110	30	ug/Kg	✱	07/16/25 10:48	07/17/25 06:12	1
cis-1,3-Dichloropropene	ND		54	13	ug/Kg	✱	07/16/25 10:48	07/17/25 06:12	1
Styrene	ND	F1	54	13	ug/Kg	✱	07/16/25 10:48	07/17/25 06:12	1

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Client Sample Results

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Client Sample ID: SB1-7'-8'

Lab Sample ID: 480-231006-4

Date Collected: 07/09/25 12:45

Matrix: Solid

Date Received: 07/10/25 14:30

Percent Solids: 89.4

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		53 - 146	07/16/25 10:48	07/17/25 06:12	1
4-Bromofluorobenzene (Surr)	89		49 - 148	07/16/25 10:48	07/17/25 06:12	1
Toluene-d8 (Surr)	101		50 - 149	07/16/25 10:48	07/17/25 06:12	1
Dibromofluoromethane (Surr)	79		60 - 140	07/16/25 10:48	07/17/25 06:12	1

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.38	0.12	ng/g	✱	07/21/25 14:12	07/25/25 04:17	1
Perfluoropentanoic acid (PFPeA)	ND		0.19	0.048	ng/g	✱	07/21/25 14:12	07/25/25 04:17	1
Perfluorohexanoic acid (PFHxA)	ND		0.19	0.057	ng/g	✱	07/21/25 14:12	07/25/25 04:17	1
Perfluoroheptanoic acid (PFHpA)	ND		0.19	0.067	ng/g	✱	07/21/25 14:12	07/25/25 04:17	1
Perfluorooctanoic acid (PFOA)	ND		0.19	0.057	ng/g	✱	07/21/25 14:12	07/25/25 04:17	1
Perfluorononanoic acid (PFNA)	ND		0.19	0.057	ng/g	✱	07/21/25 14:12	07/25/25 04:17	1
Perfluorodecanoic acid (PFDA)	ND		0.19	0.048	ng/g	✱	07/21/25 14:12	07/25/25 04:17	1
Perfluoroundecanoic acid (PFUnA)	ND		0.19	0.048	ng/g	✱	07/21/25 14:12	07/25/25 04:17	1
Perfluorododecanoic acid (PFDoA)	ND		0.19	0.048	ng/g	✱	07/21/25 14:12	07/25/25 04:17	1
Perfluorotridecanoic acid (PFTrDA)	ND		0.19	0.067	ng/g	✱	07/21/25 14:12	07/25/25 04:17	1
Perfluorotetradecanoic acid (PFTeDA)	ND		0.19	0.067	ng/g	✱	07/21/25 14:12	07/25/25 04:17	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.19	0.067	ng/g	✱	07/21/25 14:12	07/25/25 04:17	1
Perfluoropentanesulfonic acid (PFPeS)	ND		0.19	0.057	ng/g	✱	07/21/25 14:12	07/25/25 04:17	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.19	0.048	ng/g	✱	07/21/25 14:12	07/25/25 04:17	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.19	0.067	ng/g	✱	07/21/25 14:12	07/25/25 04:17	1
Perfluorooctanesulfonic acid (PFOS)	1.3		0.19	0.11	ng/g	✱	07/21/25 14:12	07/25/25 04:17	1
Perfluorononanesulfonic acid (PFNS)	ND		0.19	0.067	ng/g	✱	07/21/25 14:12	07/25/25 04:17	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.19	0.048	ng/g	✱	07/21/25 14:12	07/25/25 04:17	1
Perfluorododecanesulfonic acid (PFDoS)	ND		0.19	0.057	ng/g	✱	07/21/25 14:12	07/25/25 04:17	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.38	0.096	ng/g	✱	07/21/25 14:12	07/25/25 04:17	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.38	0.12	ng/g	✱	07/21/25 14:12	07/25/25 04:17	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.38	0.12	ng/g	✱	07/21/25 14:12	07/25/25 04:17	1
Perfluorooctanesulfonamide (PFOSA)	ND		0.19	0.086	ng/g	✱	07/21/25 14:12	07/25/25 04:17	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.19	0.086	ng/g	✱	07/21/25 14:12	07/25/25 04:17	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.19	0.096	ng/g	✱	07/21/25 14:12	07/25/25 04:17	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.19	0.076	ng/g	✱	07/21/25 14:12	07/25/25 04:17	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.19	0.11	ng/g	✱	07/21/25 14:12	07/25/25 04:17	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.96	0.29	ng/g	✱	07/21/25 14:12	07/25/25 04:17	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.96	0.29	ng/g	✱	07/21/25 14:12	07/25/25 04:17	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.19	0.11	ng/g	✱	07/21/25 14:12	07/25/25 04:17	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.19	0.057	ng/g	✱	07/21/25 14:12	07/25/25 04:17	1

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Client Sample Results

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Client Sample ID: SB1-7'-8'

Lab Sample ID: 480-231006-4

Date Collected: 07/09/25 12:45

Matrix: Solid

Date Received: 07/10/25 14:30

Percent Solids: 89.4

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.19	0.067	ng/g	☼	07/21/25 14:12	07/25/25 04:17	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.19	0.048	ng/g	☼	07/21/25 14:12	07/25/25 04:17	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.19	0.067	ng/g	☼	07/21/25 14:12	07/25/25 04:17	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9CI-PF3ONS)	ND		0.19	0.086	ng/g	☼	07/21/25 14:12	07/25/25 04:17	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11CI-PF3OUdS)	ND		0.19	0.076	ng/g	☼	07/21/25 14:12	07/25/25 04:17	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.19	0.048	ng/g	☼	07/21/25 14:12	07/25/25 04:17	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.38	0.19	ng/g	☼	07/21/25 14:12	07/25/25 04:17	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.96	0.48	ng/g	☼	07/21/25 14:12	07/25/25 04:17	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.96	0.38	ng/g	☼	07/21/25 14:12	07/25/25 04:17	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	79.0		8 - 130				07/21/25 14:12	07/25/25 04:17	1
13C5 PFPeA	89.8		35 - 130				07/21/25 14:12	07/25/25 04:17	1
13C5 PFHxA	81.5		40 - 130				07/21/25 14:12	07/25/25 04:17	1
13C4 PFHpA	82.3		40 - 130				07/21/25 14:12	07/25/25 04:17	1
13C8 PFOA	75.7		40 - 130				07/21/25 14:12	07/25/25 04:17	1
13C9 PFNA	76.6		40 - 130				07/21/25 14:12	07/25/25 04:17	1
13C6 PFDA	72.6		40 - 130				07/21/25 14:12	07/25/25 04:17	1
13C7 PFUnA	76.4		40 - 130				07/21/25 14:12	07/25/25 04:17	1
13C2 PFTeDA	48.6		20 - 130				07/21/25 14:12	07/25/25 04:17	1
13C3 PFBS	79.3		40 - 135				07/21/25 14:12	07/25/25 04:17	1
13C3 PFHxS	75.5		40 - 130				07/21/25 14:12	07/25/25 04:17	1
13C8 PFOS	69.3		40 - 130				07/21/25 14:12	07/25/25 04:17	1
13C8 FOSA	68.4		40 - 130				07/21/25 14:12	07/25/25 04:17	1
d3-NMeFOSAA	73.0		40 - 135				07/21/25 14:12	07/25/25 04:17	1
d5-NEtFOSAA	66.9		40 - 150				07/21/25 14:12	07/25/25 04:17	1
13C2 4:2 FTS	77.2		40 - 165				07/21/25 14:12	07/25/25 04:17	1
13C2 6:2 FTS	74.4		40 - 215				07/21/25 14:12	07/25/25 04:17	1
13C2 8:2 FTS	67.4		40 - 275				07/21/25 14:12	07/25/25 04:17	1
13C3 HFPO-DA	77.7		40 - 130				07/21/25 14:12	07/25/25 04:17	1
d7-N-MeFOSE-M	37.7		20 - 130				07/21/25 14:12	07/25/25 04:17	1
d9-N-EtFOSE-M	35.3		15 - 130				07/21/25 14:12	07/25/25 04:17	1
d5-NEtPFOSA	56.8		10 - 130				07/21/25 14:12	07/25/25 04:17	1
d3-NMePFOSA	63.0		10 - 130				07/21/25 14:12	07/25/25 04:17	1
13C2 PFDoA	65.3		40 - 130				07/21/25 14:12	07/25/25 04:17	1

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Client Sample Results

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Client Sample ID: SB1-5'-8'

Lab Sample ID: 480-231006-5

Date Collected: 07/09/25 12:45

Matrix: Solid

Date Received: 07/10/25 14:30

Percent Solids: 96.0

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		96	27	ug/Kg	✱	07/16/25 10:48	07/17/25 06:35	1
1,1,2,2-Tetrachloroethane	ND		96	16	ug/Kg	✱	07/16/25 10:48	07/17/25 06:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		96	48	ug/Kg	✱	07/16/25 10:48	07/17/25 06:35	1
1,1,2-Trichloroethane	ND		96	20	ug/Kg	✱	07/16/25 10:48	07/17/25 06:35	1
1,1-Dichloroethane	ND		96	30	ug/Kg	✱	07/16/25 10:48	07/17/25 06:35	1
1,1-Dichloroethene	ND		96	33	ug/Kg	✱	07/16/25 10:48	07/17/25 06:35	1
1,2,4-Trichlorobenzene	ND		96	36	ug/Kg	✱	07/16/25 10:48	07/17/25 06:35	1
1,2-Dibromo-3-Chloropropane	ND		96	48	ug/Kg	✱	07/16/25 10:48	07/17/25 06:35	1
1,2-Dibromoethane	ND		96	17	ug/Kg	✱	07/16/25 10:48	07/17/25 06:35	1
1,2-Dichlorobenzene	ND		96	25	ug/Kg	✱	07/16/25 10:48	07/17/25 06:35	1
1,2-Dichloroethane	ND		96	39	ug/Kg	✱	07/16/25 10:48	07/17/25 06:35	1
1,2-Dichloropropane	ND		96	16	ug/Kg	✱	07/16/25 10:48	07/17/25 06:35	1
1,3-Dichlorobenzene	ND		96	26	ug/Kg	✱	07/16/25 10:48	07/17/25 06:35	1
1,4-Dichlorobenzene	ND		96	13	ug/Kg	✱	07/16/25 10:48	07/17/25 06:35	1
2-Butanone (MEK)	ND		480	290	ug/Kg	✱	07/16/25 10:48	07/17/25 06:35	1
2-Hexanone	ND		480	200	ug/Kg	✱	07/16/25 10:48	07/17/25 06:35	1
4-Methyl-2-pentanone (MIBK)	ND		480	31	ug/Kg	✱	07/16/25 10:48	07/17/25 06:35	1
Acetone	ND		480	400	ug/Kg	✱	07/16/25 10:48	07/17/25 06:35	1
Benzene	ND		96	18	ug/Kg	✱	07/16/25 10:48	07/17/25 06:35	1
Bromodichloromethane	ND		96	19	ug/Kg	✱	07/16/25 10:48	07/17/25 06:35	1
Bromoform	ND		96	48	ug/Kg	✱	07/16/25 10:48	07/17/25 06:35	1
Bromomethane	ND		96	21	ug/Kg	✱	07/16/25 10:48	07/17/25 06:35	1
Carbon disulfide	ND		96	44	ug/Kg	✱	07/16/25 10:48	07/17/25 06:35	1
Carbon tetrachloride	ND		96	25	ug/Kg	✱	07/16/25 10:48	07/17/25 06:35	1
Chlorobenzene	ND		96	13	ug/Kg	✱	07/16/25 10:48	07/17/25 06:35	1
Chloroethane	ND		96	20	ug/Kg	✱	07/16/25 10:48	07/17/25 06:35	1
Chloroform	ND		96	66	ug/Kg	✱	07/16/25 10:48	07/17/25 06:35	1
Chloromethane	ND		96	23	ug/Kg	✱	07/16/25 10:48	07/17/25 06:35	1
cis-1,2-Dichloroethene	ND		96	27	ug/Kg	✱	07/16/25 10:48	07/17/25 06:35	1
cis-1,3-Dichloropropene	ND		96	23	ug/Kg	✱	07/16/25 10:48	07/17/25 06:35	1
Cyclohexane	ND		96	21	ug/Kg	✱	07/16/25 10:48	07/17/25 06:35	1
Dibromochloromethane	ND		96	47	ug/Kg	✱	07/16/25 10:48	07/17/25 06:35	1
Dichlorodifluoromethane	ND		96	42	ug/Kg	✱	07/16/25 10:48	07/17/25 06:35	1
Ethylbenzene	ND		96	28	ug/Kg	✱	07/16/25 10:48	07/17/25 06:35	1
Isopropylbenzene	ND		96	14	ug/Kg	✱	07/16/25 10:48	07/17/25 06:35	1
Methyl acetate	ND		480	46	ug/Kg	✱	07/16/25 10:48	07/17/25 06:35	1
Methyl tert-butyl ether	ND		96	36	ug/Kg	✱	07/16/25 10:48	07/17/25 06:35	1
Methylcyclohexane	ND		96	45	ug/Kg	✱	07/16/25 10:48	07/17/25 06:35	1
Methylene Chloride	ND		96	19	ug/Kg	✱	07/16/25 10:48	07/17/25 06:35	1
Styrene	ND		96	23	ug/Kg	✱	07/16/25 10:48	07/17/25 06:35	1
Tetrachloroethene	ND		96	13	ug/Kg	✱	07/16/25 10:48	07/17/25 06:35	1
Toluene	ND		96	26	ug/Kg	✱	07/16/25 10:48	07/17/25 06:35	1
trans-1,2-Dichloroethene	ND		96	23	ug/Kg	✱	07/16/25 10:48	07/17/25 06:35	1
trans-1,3-Dichloropropene	ND		96	9.5	ug/Kg	✱	07/16/25 10:48	07/17/25 06:35	1
Trichloroethene	ND		96	27	ug/Kg	✱	07/16/25 10:48	07/17/25 06:35	1
Trichlorofluoromethane	ND		96	45	ug/Kg	✱	07/16/25 10:48	07/17/25 06:35	1
Vinyl chloride	ND		96	32	ug/Kg	✱	07/16/25 10:48	07/17/25 06:35	1
Xylenes, Total	ND		190	53	ug/Kg	✱	07/16/25 10:48	07/17/25 06:35	1

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Client Sample Results

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Client Sample ID: SB1-5'-8'

Lab Sample ID: 480-231006-5

Date Collected: 07/09/25 12:45

Matrix: Solid

Date Received: 07/10/25 14:30

Percent Solids: 96.0

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		53 - 146	07/16/25 10:48	07/17/25 06:35	1
4-Bromofluorobenzene (Surr)	88		49 - 148	07/16/25 10:48	07/17/25 06:35	1
Dibromofluoromethane (Surr)	81		60 - 140	07/16/25 10:48	07/17/25 06:35	1
Toluene-d8 (Surr)	101		50 - 149	07/16/25 10:48	07/17/25 06:35	1

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		1700	320	ug/Kg	☆	07/12/25 07:49	07/18/25 16:16	10
bis (2-chloroisopropyl) ether	ND		1700	350	ug/Kg	☆	07/12/25 07:49	07/18/25 16:16	10
2,4,5-Trichlorophenol	ND		1700	350	ug/Kg	☆	07/12/25 07:49	07/18/25 16:16	10
2,4,6-Trichlorophenol	ND		1700	260	ug/Kg	☆	07/12/25 07:49	07/18/25 16:16	10
2,4-Dichlorophenol	ND		1700	330	ug/Kg	☆	07/12/25 07:49	07/18/25 16:16	10
2,4-Dimethylphenol	ND		1700	360	ug/Kg	☆	07/12/25 07:49	07/18/25 16:16	10
2,4-Dinitrophenol	ND		17000	320	ug/Kg	☆	07/12/25 07:49	07/18/25 16:16	10
2,4-Dinitrotoluene	ND		1700	230	ug/Kg	☆	07/12/25 07:49	07/18/25 16:16	10
2,6-Dinitrotoluene	ND		1700	240	ug/Kg	☆	07/12/25 07:49	07/18/25 16:16	10
2-Chloronaphthalene	ND		1700	320	ug/Kg	☆	07/12/25 07:49	07/18/25 16:16	10
2-Chlorophenol	ND		1700	270	ug/Kg	☆	07/12/25 07:49	07/18/25 16:16	10
2-Methylnaphthalene	680	J	1700	270	ug/Kg	☆	07/12/25 07:49	07/18/25 16:16	10
2-Methylphenol	ND		1700	280	ug/Kg	☆	07/12/25 07:49	07/18/25 16:16	10
2-Nitroaniline	ND		3300	290	ug/Kg	☆	07/12/25 07:49	07/18/25 16:16	10
2-Nitrophenol	ND		1700	190	ug/Kg	☆	07/12/25 07:49	07/18/25 16:16	10
3,3'-Dichlorobenzidine	ND		3300	500	ug/Kg	☆	07/12/25 07:49	07/18/25 16:16	10
3-Nitroaniline	ND		3300	240	ug/Kg	☆	07/12/25 07:49	07/18/25 16:16	10
4,6-Dinitro-2-methylphenol	ND		3300	370	ug/Kg	☆	07/12/25 07:49	07/18/25 16:16	10
4-Bromophenyl phenyl ether	ND		1700	290	ug/Kg	☆	07/12/25 07:49	07/18/25 16:16	10
4-Chloro-3-methylphenol	ND		1700	350	ug/Kg	☆	07/12/25 07:49	07/18/25 16:16	10
4-Chloroaniline	ND		1700	240	ug/Kg	☆	07/12/25 07:49	07/18/25 16:16	10
4-Chlorophenyl phenyl ether	ND		1700	360	ug/Kg	☆	07/12/25 07:49	07/18/25 16:16	10
4-Methylphenol	ND		3300	300	ug/Kg	☆	07/12/25 07:49	07/18/25 16:16	10
4-Nitroaniline	ND		3300	250	ug/Kg	☆	07/12/25 07:49	07/18/25 16:16	10
4-Nitrophenol	ND		3300	470	ug/Kg	☆	07/12/25 07:49	07/18/25 16:16	10
Acenaphthene	320	J	1700	320	ug/Kg	☆	07/12/25 07:49	07/18/25 16:16	10
Acenaphthylene	480	J	1700	330	ug/Kg	☆	07/12/25 07:49	07/18/25 16:16	10
Acetophenone	ND		1700	300	ug/Kg	☆	07/12/25 07:49	07/18/25 16:16	10
Anthracene	1000	J	1700	310	ug/Kg	☆	07/12/25 07:49	07/18/25 16:16	10
Atrazine	ND		1700	580	ug/Kg	☆	07/12/25 07:49	07/18/25 16:16	10
Benzaldehyde	ND		1700	1300	ug/Kg	☆	07/12/25 07:49	07/18/25 16:16	10
Benzo[a]anthracene	1400	J	1700	230	ug/Kg	☆	07/12/25 07:49	07/18/25 16:16	10
Benzo[a]pyrene	1600	J	1700	290	ug/Kg	☆	07/12/25 07:49	07/18/25 16:16	10
Benzo[b]fluoranthene	1300	J	1700	230	ug/Kg	☆	07/12/25 07:49	07/18/25 16:16	10
Benzo[g,h,i]perylene	1400	J	1700	300	ug/Kg	☆	07/12/25 07:49	07/18/25 16:16	10
Benzo[k]fluoranthene	390	J	1700	380	ug/Kg	☆	07/12/25 07:49	07/18/25 16:16	10
Bis(2-chloroethoxy)methane	ND		1700	330	ug/Kg	☆	07/12/25 07:49	07/18/25 16:16	10
Bis(2-chloroethyl)ether	ND		1700	320	ug/Kg	☆	07/12/25 07:49	07/18/25 16:16	10
Bis(2-ethylhexyl) phthalate	ND		1700	370	ug/Kg	☆	07/12/25 07:49	07/18/25 16:16	10
Butyl benzyl phthalate	ND		1700	310	ug/Kg	☆	07/12/25 07:49	07/18/25 16:16	10
Caprolactam	ND		1700	390	ug/Kg	☆	07/12/25 07:49	07/18/25 16:16	10
Carbazole	ND		1700	330	ug/Kg	☆	07/12/25 07:49	07/18/25 16:16	10
Chrysene	1600	J	1700	410	ug/Kg	☆	07/12/25 07:49	07/18/25 16:16	10

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Client Sample Results

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Client Sample ID: SB1-5'-8'

Lab Sample ID: 480-231006-5

Date Collected: 07/09/25 12:45

Matrix: Solid

Date Received: 07/10/25 14:30

Percent Solids: 96.0

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		1700	340	ug/Kg	✧	07/12/25 07:49	07/18/25 16:16	10
Dibenzofuran	ND		1700	300	ug/Kg	✧	07/12/25 07:49	07/18/25 16:16	10
Diethyl phthalate	ND		1700	300	ug/Kg	✧	07/12/25 07:49	07/18/25 16:16	10
Dimethyl phthalate	ND		1700	330	ug/Kg	✧	07/12/25 07:49	07/18/25 16:16	10
Di-n-butyl phthalate	ND		1700	380	ug/Kg	✧	07/12/25 07:49	07/18/25 16:16	10
Di-n-octyl phthalate	ND		1700	320	ug/Kg	✧	07/12/25 07:49	07/18/25 16:16	10
Fluoranthene	2400		1700	310	ug/Kg	✧	07/12/25 07:49	07/18/25 16:16	10
Fluorene	ND		1700	310	ug/Kg	✧	07/12/25 07:49	07/18/25 16:16	10
Hexachlorobenzene	ND		1700	330	ug/Kg	✧	07/12/25 07:49	07/18/25 16:16	10
Hexachlorobutadiene	ND		1700	250	ug/Kg	✧	07/12/25 07:49	07/18/25 16:16	10
Hexachlorocyclopentadiene	ND		3300	740	ug/Kg	✧	07/12/25 07:49	07/18/25 16:16	10
Hexachloroethane	ND		1700	310	ug/Kg	✧	07/12/25 07:49	07/18/25 16:16	10
Indeno[1,2,3-cd]pyrene	600	J	1700	250	ug/Kg	✧	07/12/25 07:49	07/18/25 16:16	10
Isophorone	ND		1700	350	ug/Kg	✧	07/12/25 07:49	07/18/25 16:16	10
Naphthalene	920	J	1700	280	ug/Kg	✧	07/12/25 07:49	07/18/25 16:16	10
Nitrobenzene	ND		1700	290	ug/Kg	✧	07/12/25 07:49	07/18/25 16:16	10
N-Nitrosodi-n-propylamine	ND		1700	380	ug/Kg	✧	07/12/25 07:49	07/18/25 16:16	10
N-Nitrosodiphenylamine	ND		1700	280	ug/Kg	✧	07/12/25 07:49	07/18/25 16:16	10
Pentachlorophenol	ND		3300	540	ug/Kg	✧	07/12/25 07:49	07/18/25 16:16	10
Phenanthrene	650	J	1700	320	ug/Kg	✧	07/12/25 07:49	07/18/25 16:16	10
Phenol	ND		1700	310	ug/Kg	✧	07/12/25 07:49	07/18/25 16:16	10
Pyrene	4400		1700	320	ug/Kg	✧	07/12/25 07:49	07/18/25 16:16	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	63		22 - 120	07/12/25 07:49	07/18/25 16:16	10
p-Terphenyl-d14 (Surr)	87		28 - 124	07/12/25 07:49	07/18/25 16:16	10
Phenol-d5 (Surr)	71		23 - 120	07/12/25 07:49	07/18/25 16:16	10
2-Fluorophenol (Surr)	70		18 - 120	07/12/25 07:49	07/18/25 16:16	10
2,4,6-Tribromophenol (Surr)	85		10 - 140	07/12/25 07:49	07/18/25 16:16	10
2-Fluorobiphenyl (Surr)	74		29 - 120	07/12/25 07:49	07/18/25 16:16	10

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		67	13	ug/Kg	✧	07/15/25 06:52	07/18/25 13:14	20
4,4'-DDE	ND		67	14	ug/Kg	✧	07/15/25 06:52	07/18/25 13:14	20
4,4'-DDT	31	J	67	16	ug/Kg	✧	07/15/25 06:52	07/18/25 13:14	20
Aldrin	ND		67	17	ug/Kg	✧	07/15/25 06:52	07/18/25 13:14	20
alpha-BHC	ND		67	12	ug/Kg	✧	07/15/25 06:52	07/18/25 13:14	20
cis-Chlordane	ND		67	33	ug/Kg	✧	07/15/25 06:52	07/18/25 13:14	20
beta-BHC	ND		67	12	ug/Kg	✧	07/15/25 06:52	07/18/25 13:14	20
delta-BHC	ND		67	13	ug/Kg	✧	07/15/25 06:52	07/18/25 13:14	20
Dieldrin	ND		67	16	ug/Kg	✧	07/15/25 06:52	07/18/25 13:14	20
Endosulfan I	ND		67	13	ug/Kg	✧	07/15/25 06:52	07/18/25 13:14	20
Endosulfan II	ND		67	12	ug/Kg	✧	07/15/25 06:52	07/18/25 13:14	20
Endosulfan sulfate	ND		67	13	ug/Kg	✧	07/15/25 06:52	07/18/25 13:14	20
Endrin	ND		67	13	ug/Kg	✧	07/15/25 06:52	07/18/25 13:14	20
Endrin aldehyde	ND		67	17	ug/Kg	✧	07/15/25 06:52	07/18/25 13:14	20
Endrin ketone	ND		67	17	ug/Kg	✧	07/15/25 06:52	07/18/25 13:14	20
gamma-BHC (Lindane)	ND		67	12	ug/Kg	✧	07/15/25 06:52	07/18/25 13:14	20
trans-Chlordane	ND		67	21	ug/Kg	✧	07/15/25 06:52	07/18/25 13:14	20

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Client Sample Results

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Client Sample ID: SB1-5'-8'

Lab Sample ID: 480-231006-5

Date Collected: 07/09/25 12:45

Matrix: Solid

Date Received: 07/10/25 14:30

Percent Solids: 96.0

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor	ND		67	15	ug/Kg	✱	07/15/25 06:52	07/18/25 13:14	20
Heptachlor epoxide	ND		67	17	ug/Kg	✱	07/15/25 06:52	07/18/25 13:14	20
Methoxychlor	ND		67	14	ug/Kg	✱	07/15/25 06:52	07/18/25 13:14	20
Toxaphene	ND		670	390	ug/Kg	✱	07/15/25 06:52	07/18/25 13:14	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	153	S1+	45 - 120	07/15/25 06:52	07/18/25 13:14	20
DCB Decachlorobiphenyl	272	S1+	45 - 120	07/15/25 06:52	07/18/25 13:14	20
Tetrachloro-m-xylene	0	S1-	30 - 124	07/15/25 06:52	07/18/25 13:14	20
Tetrachloro-m-xylene	0	S1-	30 - 124	07/15/25 06:52	07/18/25 13:14	20

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.018	0.0055	mg/Kg	✱	07/21/25 17:00	07/22/25 14:31	1
PCB-1221	ND		0.018	0.0055	mg/Kg	✱	07/21/25 17:00	07/22/25 14:31	1
PCB-1232	ND		0.018	0.0055	mg/Kg	✱	07/21/25 17:00	07/22/25 14:31	1
PCB-1242	ND		0.018	0.0055	mg/Kg	✱	07/21/25 17:00	07/22/25 14:31	1
PCB-1248	ND		0.018	0.0055	mg/Kg	✱	07/21/25 17:00	07/22/25 14:31	1
PCB-1254	ND		0.018	0.0066	mg/Kg	✱	07/21/25 17:00	07/22/25 14:31	1
PCB-1260	ND		0.018	0.0066	mg/Kg	✱	07/21/25 17:00	07/22/25 14:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	81		68 - 130	07/21/25 17:00	07/22/25 14:31	1
Tetrachloro-m-xylene	55	S1-	68 - 130	07/21/25 17:00	07/22/25 14:31	1
DCB Decachlorobiphenyl (Surr)	75		66 - 130	07/21/25 17:00	07/22/25 14:31	1
DCB Decachlorobiphenyl (Surr)	68		66 - 130	07/21/25 17:00	07/22/25 14:31	1

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	ND		17	5.5	ug/Kg	✱	07/19/25 05:38	07/24/25 03:16	1
Silvex (2,4,5-TP)	ND		17	6.2	ug/Kg	✱	07/19/25 05:38	07/24/25 03:16	1
2,4-D	ND		17	11	ug/Kg	✱	07/19/25 05:38	07/24/25 03:16	1
Dichlorprop	ND		17	8.7	ug/Kg	✱	07/19/25 05:38	07/24/25 03:16	1
Pentachlorophenol	ND		17	5.6	ug/Kg	✱	07/19/25 05:38	07/24/25 03:16	1
Picloram	ND		17	7.5	ug/Kg	✱	07/19/25 05:38	07/24/25 03:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	94		28 - 129	07/19/25 05:38	07/24/25 03:16	1
2,4-Dichlorophenylacetic acid	87		28 - 129	07/19/25 05:38	07/24/25 03:16	1

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.40	0.13	ng/g	✱	07/18/25 14:16	07/19/25 09:55	1
Perfluoropentanoic acid (PFPeA)	ND		0.20	0.050	ng/g	✱	07/18/25 14:16	07/19/25 09:55	1
Perfluorohexanoic acid (PFHxA)	ND		0.20	0.060	ng/g	✱	07/18/25 14:16	07/19/25 09:55	1
Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.070	ng/g	✱	07/18/25 14:16	07/19/25 09:55	1
Perfluorooctanoic acid (PFOA)	ND		0.20	0.060	ng/g	✱	07/18/25 14:16	07/19/25 09:55	1
Perfluorononanoic acid (PFNA)	ND		0.20	0.060	ng/g	✱	07/18/25 14:16	07/19/25 09:55	1
Perfluorodecanoic acid (PFDA)	ND		0.20	0.050	ng/g	✱	07/18/25 14:16	07/19/25 09:55	1
Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.050	ng/g	✱	07/18/25 14:16	07/19/25 09:55	1
Perfluorododecanoic acid (PFDoA)	ND		0.20	0.050	ng/g	✱	07/18/25 14:16	07/19/25 09:55	1

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Client Sample Results

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Client Sample ID: SB1-5'-8'

Lab Sample ID: 480-231006-5

Date Collected: 07/09/25 12:45

Matrix: Solid

Date Received: 07/10/25 14:30

Percent Solids: 96.0

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorotridecanoic acid (PFTrDA)	ND		0.20	0.070	ng/g	✱	07/18/25 14:16	07/19/25 09:55	1
Perfluorotetradecanoic acid (PFTeDA)	ND		0.20	0.070	ng/g	✱	07/18/25 14:16	07/19/25 09:55	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.070	ng/g	✱	07/18/25 14:16	07/19/25 09:55	1
Perfluoropentanesulfonic acid (PFPeS)	ND		0.20	0.060	ng/g	✱	07/18/25 14:16	07/19/25 09:55	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.050	ng/g	✱	07/18/25 14:16	07/19/25 09:55	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.070	ng/g	✱	07/18/25 14:16	07/19/25 09:55	1
Perfluorooctanesulfonic acid (PFOS)	0.83		0.20	0.11	ng/g	✱	07/18/25 14:16	07/19/25 09:55	1
Perfluorononanesulfonic acid (PFNS)	ND		0.20	0.070	ng/g	✱	07/18/25 14:16	07/19/25 09:55	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.050	ng/g	✱	07/18/25 14:16	07/19/25 09:55	1
Perfluorododecanesulfonic acid (PFDoS)	ND		0.20	0.060	ng/g	✱	07/18/25 14:16	07/19/25 09:55	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.40	0.10	ng/g	✱	07/18/25 14:16	07/19/25 09:55	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.40	0.13	ng/g	✱	07/18/25 14:16	07/19/25 09:55	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.40	0.13	ng/g	✱	07/18/25 14:16	07/19/25 09:55	1
Perfluorooctanesulfonamide (PFOSA)	ND		0.20	0.090	ng/g	✱	07/18/25 14:16	07/19/25 09:55	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.20	0.090	ng/g	✱	07/18/25 14:16	07/19/25 09:55	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.20	0.10	ng/g	✱	07/18/25 14:16	07/19/25 09:55	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.080	ng/g	✱	07/18/25 14:16	07/19/25 09:55	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.11	ng/g	✱	07/18/25 14:16	07/19/25 09:55	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		1.0	0.30	ng/g	✱	07/18/25 14:16	07/19/25 09:55	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		1.0	0.30	ng/g	✱	07/18/25 14:16	07/19/25 09:55	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.20	0.11	ng/g	✱	07/18/25 14:16	07/19/25 09:55	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.20	0.060	ng/g	✱	07/18/25 14:16	07/19/25 09:55	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.20	0.070	ng/g	✱	07/18/25 14:16	07/19/25 09:55	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.20	0.050	ng/g	✱	07/18/25 14:16	07/19/25 09:55	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.20	0.070	ng/g	✱	07/18/25 14:16	07/19/25 09:55	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		0.20	0.090	ng/g	✱	07/18/25 14:16	07/19/25 09:55	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.20	0.080	ng/g	✱	07/18/25 14:16	07/19/25 09:55	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.20	0.050	ng/g	✱	07/18/25 14:16	07/19/25 09:55	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.40	0.20	ng/g	✱	07/18/25 14:16	07/19/25 09:55	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		1.0	0.50	ng/g	✱	07/18/25 14:16	07/19/25 09:55	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		1.0	0.40	ng/g	✱	07/18/25 14:16	07/19/25 09:55	1

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Client Sample Results

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Client Sample ID: SB1-5'-8'

Lab Sample ID: 480-231006-5

Date Collected: 07/09/25 12:45

Matrix: Solid

Date Received: 07/10/25 14:30

Percent Solids: 96.0

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	110		8 - 130	07/18/25 14:16	07/19/25 09:55	1
13C5 PFPeA	119		35 - 130	07/18/25 14:16	07/19/25 09:55	1
13C5 PFHxA	112		40 - 130	07/18/25 14:16	07/19/25 09:55	1
13C4 PFHpA	106		40 - 130	07/18/25 14:16	07/19/25 09:55	1
13C8 PFOA	112		40 - 130	07/18/25 14:16	07/19/25 09:55	1
13C9 PFNA	100		40 - 130	07/18/25 14:16	07/19/25 09:55	1
13C6 PFDA	106		40 - 130	07/18/25 14:16	07/19/25 09:55	1
13C7 PFUnA	111		40 - 130	07/18/25 14:16	07/19/25 09:55	1
13C2 PFTeDA	90.5		20 - 130	07/18/25 14:16	07/19/25 09:55	1
13C3 PFBS	104		40 - 135	07/18/25 14:16	07/19/25 09:55	1
13C3 PFHxS	101		40 - 130	07/18/25 14:16	07/19/25 09:55	1
13C8 PFOS	100		40 - 130	07/18/25 14:16	07/19/25 09:55	1
13C8 FOSA	95.5		40 - 130	07/18/25 14:16	07/19/25 09:55	1
d3-NMeFOSAA	97.6		40 - 135	07/18/25 14:16	07/19/25 09:55	1
d5-NEtFOSAA	97.3		40 - 150	07/18/25 14:16	07/19/25 09:55	1
13C2 4:2 FTS	106		40 - 165	07/18/25 14:16	07/19/25 09:55	1
13C2 6:2 FTS	107		40 - 215	07/18/25 14:16	07/19/25 09:55	1
13C2 8:2 FTS	97.8		40 - 275	07/18/25 14:16	07/19/25 09:55	1
13C3 HFPO-DA	107		40 - 130	07/18/25 14:16	07/19/25 09:55	1
d7-N-MeFOSE-M	54.3		20 - 130	07/18/25 14:16	07/19/25 09:55	1
d9-N-EtFOSE-M	48.7		15 - 130	07/18/25 14:16	07/19/25 09:55	1
d5-NEtPFOSA	81.8		10 - 130	07/18/25 14:16	07/19/25 09:55	1
d3-NMePFOSA	84.0		10 - 130	07/18/25 14:16	07/19/25 09:55	1
13C2 PFDaA	102		40 - 130	07/18/25 14:16	07/19/25 09:55	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	15800		10.9	9.4	mg/Kg	✱	07/17/25 08:43	07/18/25 12:22	1
Antimony	ND	F1	16.3	0.58	mg/Kg	✱	07/17/25 08:43	07/18/25 12:22	1
Arsenic	ND		2.2	0.96	mg/Kg	✱	07/17/25 08:43	07/18/25 12:22	1
Barium	149		0.54	0.15	mg/Kg	✱	07/17/25 08:43	07/18/25 12:22	1
Beryllium	0.40		0.22	0.043	mg/Kg	✱	07/17/25 08:43	07/18/25 12:22	1
Cadmium	ND		0.22	0.076	mg/Kg	✱	07/17/25 08:43	07/18/25 12:22	1
Calcium	6400	F1	54.3	29.3	mg/Kg	✱	07/17/25 08:43	07/18/25 12:22	1
Chromium	26.6		0.54	0.39	mg/Kg	✱	07/17/25 08:43	07/18/25 12:22	1
Cobalt	12.1		0.54	0.11	mg/Kg	✱	07/17/25 08:43	07/18/25 12:22	1
Copper	31.3		1.1	0.62	mg/Kg	✱	07/17/25 08:43	07/18/25 12:22	1
Iron	25300		10.9	9.2	mg/Kg	✱	07/17/25 08:43	07/18/25 12:22	1
Lead	9.3		1.1	0.50	mg/Kg	✱	07/17/25 08:43	07/18/25 12:22	1
Magnesium	7480	F1	21.7	9.2	mg/Kg	✱	07/17/25 08:43	07/18/25 12:22	1
Manganese	297	F1	1.1	0.30	mg/Kg	✱	07/17/25 08:43	07/18/25 12:22	1
Nickel	21.4		5.4	0.27	mg/Kg	✱	07/17/25 08:43	07/18/25 12:22	1
Potassium	6570		32.6	26.3	mg/Kg	✱	07/17/25 08:43	07/18/25 12:22	1
Selenium	ND		4.3	0.87	mg/Kg	✱	07/17/25 08:43	07/18/25 12:22	1
Silver	ND	^5-	0.65	0.22	mg/Kg	✱	07/17/25 08:43	07/18/25 12:22	1
Sodium	344		152	66.6	mg/Kg	✱	07/17/25 08:43	07/18/25 12:22	1
Thallium	ND		6.5	0.82	mg/Kg	✱	07/17/25 08:43	07/18/25 12:22	1
Vanadium	45.6		0.54	0.14	mg/Kg	✱	07/17/25 08:43	07/18/25 12:22	1
Zinc	59.4	^5-	2.2	1.1	mg/Kg	✱	07/17/25 08:43	07/18/25 12:22	1

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Client Sample Results

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Client Sample ID: SB1-5'-8'
Date Collected: 07/09/25 12:45
Date Received: 07/10/25 14:30

Lab Sample ID: 480-231006-5
Matrix: Solid
Percent Solids: 96.0

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0060	J	0.022	0.0050	mg/Kg	☼	07/14/25 10:43	07/14/25 13:40	1

Client Sample Results

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Client Sample ID: RINSATE

Lab Sample ID: 480-231006-6

Date Collected: 07/09/25 13:00

Matrix: Water

Date Received: 07/10/25 14:30

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		4.0	1.1	ng/L		07/14/25 15:43	07/15/25 18:11	1
Perfluoropentanoic acid (PFPeA)	ND		2.0	0.60	ng/L		07/14/25 15:43	07/15/25 18:11	1
Perfluorohexanoic acid (PFHxA)	ND		2.0	0.50	ng/L		07/14/25 15:43	07/15/25 18:11	1
Perfluoroheptanoic acid (PFHpA)	ND		2.0	0.80	ng/L		07/14/25 15:43	07/15/25 18:11	1
Perfluorooctanoic acid (PFOA)	ND		2.0	0.90	ng/L		07/14/25 15:43	07/15/25 18:11	1
Perfluorononanoic acid (PFNA)	ND		2.0	0.50	ng/L		07/14/25 15:43	07/15/25 18:11	1
Perfluorodecanoic acid (PFDA)	ND		2.0	0.50	ng/L		07/14/25 15:43	07/15/25 18:11	1
Perfluoroundecanoic acid (PFUnA)	ND		2.0	0.50	ng/L		07/14/25 15:43	07/15/25 18:11	1
Perfluorododecanoic acid (PFDoA)	ND		2.0	0.50	ng/L		07/14/25 15:43	07/15/25 18:11	1
Perfluorotridecanoic acid (PFTTrDA)	ND		2.0	0.50	ng/L		07/14/25 15:43	07/15/25 18:11	1
Perfluorotetradecanoic acid (PFTeDA)	ND		2.0	0.50	ng/L		07/14/25 15:43	07/15/25 18:11	1
Perfluorobutanesulfonic acid (PFBS)	ND		2.0	0.50	ng/L		07/14/25 15:43	07/15/25 18:11	1
Perfluoropentanesulfonic acid (PFPeS)	ND		2.0	0.50	ng/L		07/14/25 15:43	07/15/25 18:11	1
Perfluorohexanesulfonic acid (PFHxS)	ND		2.0	0.80	ng/L		07/14/25 15:43	07/15/25 18:11	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		2.0	0.50	ng/L		07/14/25 15:43	07/15/25 18:11	1
Perfluorooctanesulfonic acid (PFOS)	ND		2.0	1.3	ng/L		07/14/25 15:43	07/15/25 18:11	1
Perfluorononanesulfonic acid (PFNS)	ND		2.0	0.50	ng/L		07/14/25 15:43	07/15/25 18:11	1
Perfluorodecanesulfonic acid (PFDS)	ND		2.0	0.50	ng/L		07/14/25 15:43	07/15/25 18:11	1
Perfluorododecanesulfonic acid (PFDoS)	ND		2.0	0.60	ng/L		07/14/25 15:43	07/15/25 18:11	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		4.0	1.0	ng/L		07/14/25 15:43	07/15/25 18:11	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		4.0	1.0	ng/L		07/14/25 15:43	07/15/25 18:11	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		4.0	1.0	ng/L		07/14/25 15:43	07/15/25 18:11	1
Perfluorooctanesulfonamide (PFOSA)	ND		2.0	0.50	ng/L		07/14/25 15:43	07/15/25 18:11	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		2.0	0.50	ng/L		07/14/25 15:43	07/15/25 18:11	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		2.0	0.50	ng/L		07/14/25 15:43	07/15/25 18:11	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		2.0	0.50	ng/L		07/14/25 15:43	07/15/25 18:11	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		2.0	0.50	ng/L		07/14/25 15:43	07/15/25 18:11	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		10	2.5	ng/L		07/14/25 15:43	07/15/25 18:11	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		10	4.0	ng/L		07/14/25 15:43	07/15/25 18:11	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		2.0	1.4	ng/L		07/14/25 15:43	07/15/25 18:11	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		2.0	0.50	ng/L		07/14/25 15:43	07/15/25 18:11	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		2.0	0.50	ng/L		07/14/25 15:43	07/15/25 18:11	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		2.0	0.50	ng/L		07/14/25 15:43	07/15/25 18:11	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		2.0	0.50	ng/L		07/14/25 15:43	07/15/25 18:11	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9CI-PF3ONS)	ND		2.0	0.50	ng/L		07/14/25 15:43	07/15/25 18:11	1

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Client Sample Results

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Client Sample ID: RINSATE

Lab Sample ID: 480-231006-6

Date Collected: 07/09/25 13:00

Matrix: Water

Date Received: 07/10/25 14:30

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosafluoro-3-oxaundecan e-1-sulfonic acid (11Cl-PF3OUdS)	ND		2.0	0.50	ng/L		07/14/25 15:43	07/15/25 18:11	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEEESA)	ND		2.0	0.50	ng/L		07/14/25 15:43	07/15/25 18:11	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		4.0	1.0	ng/L		07/14/25 15:43	07/15/25 18:11	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		10	2.8	ng/L		07/14/25 15:43	07/15/25 18:11	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		10	2.5	ng/L		07/14/25 15:43	07/15/25 18:11	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	104		5 - 130				07/14/25 15:43	07/15/25 18:11	1
13C5 PFPeA	103		40 - 130				07/14/25 15:43	07/15/25 18:11	1
13C5 PFHxA	98.4		40 - 130				07/14/25 15:43	07/15/25 18:11	1
13C4 PFHpA	96.0		40 - 130				07/14/25 15:43	07/15/25 18:11	1
13C8 PFOA	104		40 - 130				07/14/25 15:43	07/15/25 18:11	1
13C9 PFNA	105		40 - 130				07/14/25 15:43	07/15/25 18:11	1
13C6 PFDA	94.7		40 - 130				07/14/25 15:43	07/15/25 18:11	1
13C7 PFUnA	91.4		30 - 130				07/14/25 15:43	07/15/25 18:11	1
13C2 PFTeDA	82.7		10 - 130				07/14/25 15:43	07/15/25 18:11	1
13C3 PFBS	116		40 - 135				07/14/25 15:43	07/15/25 18:11	1
13C3 PFHxS	111		40 - 130				07/14/25 15:43	07/15/25 18:11	1
13C8 PFOS	108		40 - 130				07/14/25 15:43	07/15/25 18:11	1
13C8 FOSA	95.9		40 - 130				07/14/25 15:43	07/15/25 18:11	1
d3-NMeFOSAA	85.0		40 - 170				07/14/25 15:43	07/15/25 18:11	1
d5-NEtFOSAA	85.9		25 - 135				07/14/25 15:43	07/15/25 18:11	1
13C2 4:2 FTS	108		40 - 200				07/14/25 15:43	07/15/25 18:11	1
13C2 6:2 FTS	105		40 - 200				07/14/25 15:43	07/15/25 18:11	1
13C2 8:2 FTS	106		40 - 300				07/14/25 15:43	07/15/25 18:11	1
13C3 HFPO-DA	100		40 - 130				07/14/25 15:43	07/15/25 18:11	1
d7-N-MeFOSE-M	72.9		10 - 130				07/14/25 15:43	07/15/25 18:11	1
d9-N-EtFOSE-M	67.9		10 - 130				07/14/25 15:43	07/15/25 18:11	1
d5-NEtPFOSA	82.8		10 - 130				07/14/25 15:43	07/15/25 18:11	1
d3-NMePFOSA	71.2		10 - 130				07/14/25 15:43	07/15/25 18:11	1
13C2 PFDoA	78.6		10 - 130				07/14/25 15:43	07/15/25 18:11	1

Client Sample Results

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Client Sample ID: SB2-12"-18"

Lab Sample ID: 480-231006-7

Date Collected: 07/09/25 13:30

Matrix: Solid

Date Received: 07/10/25 14:30

Percent Solids: 88.8

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.38	0.12	ng/g	☼	07/21/25 14:12	07/25/25 04:57	1
Perfluoropentanoic acid (PFPeA)	ND		0.19	0.048	ng/g	☼	07/21/25 14:12	07/25/25 04:57	1
Perfluorohexanoic acid (PFHxA)	ND		0.19	0.058	ng/g	☼	07/21/25 14:12	07/25/25 04:57	1
Perfluoroheptanoic acid (PFHpA)	ND		0.19	0.067	ng/g	☼	07/21/25 14:12	07/25/25 04:57	1
Perfluorooctanoic acid (PFOA)	ND		0.19	0.058	ng/g	☼	07/21/25 14:12	07/25/25 04:57	1
Perfluorononanoic acid (PFNA)	ND		0.19	0.058	ng/g	☼	07/21/25 14:12	07/25/25 04:57	1
Perfluorodecanoic acid (PFDA)	ND		0.19	0.048	ng/g	☼	07/21/25 14:12	07/25/25 04:57	1
Perfluoroundecanoic acid (PFUnA)	ND		0.19	0.048	ng/g	☼	07/21/25 14:12	07/25/25 04:57	1
Perfluorododecanoic acid (PFDoA)	ND		0.19	0.048	ng/g	☼	07/21/25 14:12	07/25/25 04:57	1
Perfluorotridecanoic acid (PFTrDA)	ND		0.19	0.067	ng/g	☼	07/21/25 14:12	07/25/25 04:57	1
Perfluorotetradecanoic acid (PFTeDA)	ND		0.19	0.067	ng/g	☼	07/21/25 14:12	07/25/25 04:57	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.19	0.067	ng/g	☼	07/21/25 14:12	07/25/25 04:57	1
Perfluoropentanesulfonic acid (PFPeS)	ND		0.19	0.058	ng/g	☼	07/21/25 14:12	07/25/25 04:57	1
Perfluorohexanesulfonic acid (PFHxS)	0.072	J	0.19	0.048	ng/g	☼	07/21/25 14:12	07/25/25 04:57	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.19	0.067	ng/g	☼	07/21/25 14:12	07/25/25 04:57	1
Perfluorooctanesulfonic acid (PFOS)	0.28		0.19	0.11	ng/g	☼	07/21/25 14:12	07/25/25 04:57	1
Perfluorononanesulfonic acid (PFNS)	ND		0.19	0.067	ng/g	☼	07/21/25 14:12	07/25/25 04:57	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.19	0.048	ng/g	☼	07/21/25 14:12	07/25/25 04:57	1
Perfluorododecanesulfonic acid (PFDoS)	ND		0.19	0.058	ng/g	☼	07/21/25 14:12	07/25/25 04:57	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.38	0.096	ng/g	☼	07/21/25 14:12	07/25/25 04:57	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.38	0.12	ng/g	☼	07/21/25 14:12	07/25/25 04:57	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.38	0.12	ng/g	☼	07/21/25 14:12	07/25/25 04:57	1
Perfluorooctanesulfonamide (PFOSA)	ND		0.19	0.086	ng/g	☼	07/21/25 14:12	07/25/25 04:57	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.19	0.086	ng/g	☼	07/21/25 14:12	07/25/25 04:57	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.19	0.096	ng/g	☼	07/21/25 14:12	07/25/25 04:57	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.19	0.077	ng/g	☼	07/21/25 14:12	07/25/25 04:57	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.19	0.11	ng/g	☼	07/21/25 14:12	07/25/25 04:57	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.96	0.29	ng/g	☼	07/21/25 14:12	07/25/25 04:57	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.96	0.29	ng/g	☼	07/21/25 14:12	07/25/25 04:57	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.19	0.11	ng/g	☼	07/21/25 14:12	07/25/25 04:57	1
4,8-Dioxo-3H-perfluorononanoic acid (ADONA)	ND		0.19	0.058	ng/g	☼	07/21/25 14:12	07/25/25 04:57	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.19	0.067	ng/g	☼	07/21/25 14:12	07/25/25 04:57	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.19	0.048	ng/g	☼	07/21/25 14:12	07/25/25 04:57	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.19	0.067	ng/g	☼	07/21/25 14:12	07/25/25 04:57	1

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Client Sample Results

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Client Sample ID: SB2-12"-18"

Lab Sample ID: 480-231006-7

Date Collected: 07/09/25 13:30

Matrix: Solid

Date Received: 07/10/25 14:30

Percent Solids: 88.8

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
9-Chlorohexadecafluoro-3-oxanonan e-1-sulfonic acid (9Cl-PF3ONS)	ND		0.19	0.086	ng/g	☼	07/21/25 14:12	07/25/25 04:57	1
11-Chloroeicosafluoro-3-oxaundecan e-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.19	0.077	ng/g	☼	07/21/25 14:12	07/25/25 04:57	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEEESA)	ND		0.19	0.048	ng/g	☼	07/21/25 14:12	07/25/25 04:57	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.38	0.19	ng/g	☼	07/21/25 14:12	07/25/25 04:57	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.96	0.48	ng/g	☼	07/21/25 14:12	07/25/25 04:57	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.96	0.38	ng/g	☼	07/21/25 14:12	07/25/25 04:57	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	79.4		8 - 130	07/21/25 14:12	07/25/25 04:57	1
13C5 PFPeA	82.5		35 - 130	07/21/25 14:12	07/25/25 04:57	1
13C5 PFHxA	82.7		40 - 130	07/21/25 14:12	07/25/25 04:57	1
13C4 PFHpA	75.5		40 - 130	07/21/25 14:12	07/25/25 04:57	1
13C8 PFOA	86.0		40 - 130	07/21/25 14:12	07/25/25 04:57	1
13C9 PFNA	76.0		40 - 130	07/21/25 14:12	07/25/25 04:57	1
13C6 PFDA	67.9		40 - 130	07/21/25 14:12	07/25/25 04:57	1
13C7 PFUnA	84.3		40 - 130	07/21/25 14:12	07/25/25 04:57	1
13C2 PFTeDA	55.0		20 - 130	07/21/25 14:12	07/25/25 04:57	1
13C3 PFBS	74.9		40 - 135	07/21/25 14:12	07/25/25 04:57	1
13C3 PFHxS	73.3		40 - 130	07/21/25 14:12	07/25/25 04:57	1
13C8 PFOS	71.9		40 - 130	07/21/25 14:12	07/25/25 04:57	1
13C8 FOSA	65.6		40 - 130	07/21/25 14:12	07/25/25 04:57	1
d3-NMeFOSAA	72.9		40 - 135	07/21/25 14:12	07/25/25 04:57	1
d5-NEtFOSAA	70.9		40 - 150	07/21/25 14:12	07/25/25 04:57	1
13C2 4:2 FTS	71.9		40 - 165	07/21/25 14:12	07/25/25 04:57	1
13C2 6:2 FTS	70.4		40 - 215	07/21/25 14:12	07/25/25 04:57	1
13C2 8:2 FTS	65.2		40 - 275	07/21/25 14:12	07/25/25 04:57	1
13C3 HFPO-DA	82.0		40 - 130	07/21/25 14:12	07/25/25 04:57	1
d7-N-MeFOSE-M	42.3		20 - 130	07/21/25 14:12	07/25/25 04:57	1
d9-N-EtFOSE-M	40.8		15 - 130	07/21/25 14:12	07/25/25 04:57	1
d5-NEtPFOSA	53.0		10 - 130	07/21/25 14:12	07/25/25 04:57	1
d3-NMePFOSA	60.1		10 - 130	07/21/25 14:12	07/25/25 04:57	1
13C2 PFDoA	72.5		40 - 130	07/21/25 14:12	07/25/25 04:57	1

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Client Sample Results

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Client Sample ID: SB2-12"-18" DUP

Lab Sample ID: 480-231006-8

Date Collected: 07/09/25 13:30

Matrix: Solid

Date Received: 07/10/25 14:30

Percent Solids: 92.8

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.38	0.12	ng/g	☼	07/21/25 14:12	07/25/25 05:11	1
Perfluoropentanoic acid (PFPeA)	ND		0.19	0.048	ng/g	☼	07/21/25 14:12	07/25/25 05:11	1
Perfluorohexanoic acid (PFHxA)	ND		0.19	0.057	ng/g	☼	07/21/25 14:12	07/25/25 05:11	1
Perfluoroheptanoic acid (PFHpA)	ND		0.19	0.067	ng/g	☼	07/21/25 14:12	07/25/25 05:11	1
Perfluorooctanoic acid (PFOA)	ND		0.19	0.057	ng/g	☼	07/21/25 14:12	07/25/25 05:11	1
Perfluorononanoic acid (PFNA)	ND		0.19	0.057	ng/g	☼	07/21/25 14:12	07/25/25 05:11	1
Perfluorodecanoic acid (PFDA)	ND		0.19	0.048	ng/g	☼	07/21/25 14:12	07/25/25 05:11	1
Perfluoroundecanoic acid (PFUnA)	ND		0.19	0.048	ng/g	☼	07/21/25 14:12	07/25/25 05:11	1
Perfluorododecanoic acid (PFDoA)	ND		0.19	0.048	ng/g	☼	07/21/25 14:12	07/25/25 05:11	1
Perfluorotridecanoic acid (PFTTrDA)	ND		0.19	0.067	ng/g	☼	07/21/25 14:12	07/25/25 05:11	1
Perfluorotetradecanoic acid (PFTeDA)	ND		0.19	0.067	ng/g	☼	07/21/25 14:12	07/25/25 05:11	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.19	0.067	ng/g	☼	07/21/25 14:12	07/25/25 05:11	1
Perfluoropentanesulfonic acid (PFPeS)	ND		0.19	0.057	ng/g	☼	07/21/25 14:12	07/25/25 05:11	1
Perfluorohexanesulfonic acid (PFHxS)	0.060	J	0.19	0.048	ng/g	☼	07/21/25 14:12	07/25/25 05:11	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.19	0.067	ng/g	☼	07/21/25 14:12	07/25/25 05:11	1
Perfluorooctanesulfonic acid (PFOS)	0.28		0.19	0.10	ng/g	☼	07/21/25 14:12	07/25/25 05:11	1
Perfluorononanesulfonic acid (PFNS)	ND		0.19	0.067	ng/g	☼	07/21/25 14:12	07/25/25 05:11	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.19	0.048	ng/g	☼	07/21/25 14:12	07/25/25 05:11	1
Perfluorododecanesulfonic acid (PFDoS)	ND		0.19	0.057	ng/g	☼	07/21/25 14:12	07/25/25 05:11	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.38	0.095	ng/g	☼	07/21/25 14:12	07/25/25 05:11	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.38	0.12	ng/g	☼	07/21/25 14:12	07/25/25 05:11	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.38	0.12	ng/g	☼	07/21/25 14:12	07/25/25 05:11	1
Perfluorooctanesulfonamide (PFOSA)	ND		0.19	0.086	ng/g	☼	07/21/25 14:12	07/25/25 05:11	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.19	0.086	ng/g	☼	07/21/25 14:12	07/25/25 05:11	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.19	0.095	ng/g	☼	07/21/25 14:12	07/25/25 05:11	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.19	0.076	ng/g	☼	07/21/25 14:12	07/25/25 05:11	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.19	0.10	ng/g	☼	07/21/25 14:12	07/25/25 05:11	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.95	0.29	ng/g	☼	07/21/25 14:12	07/25/25 05:11	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.95	0.29	ng/g	☼	07/21/25 14:12	07/25/25 05:11	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.19	0.10	ng/g	☼	07/21/25 14:12	07/25/25 05:11	1
4,8-Dioxo-3H-perfluorononanoic acid (ADONA)	ND		0.19	0.057	ng/g	☼	07/21/25 14:12	07/25/25 05:11	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.19	0.067	ng/g	☼	07/21/25 14:12	07/25/25 05:11	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.19	0.048	ng/g	☼	07/21/25 14:12	07/25/25 05:11	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.19	0.067	ng/g	☼	07/21/25 14:12	07/25/25 05:11	1

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Client Sample Results

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Client Sample ID: SB2-12"-18" DUP

Lab Sample ID: 480-231006-8

Date Collected: 07/09/25 13:30

Matrix: Solid

Date Received: 07/10/25 14:30

Percent Solids: 92.8

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
9-Chlorohexadecafluoro-3-oxanonan e-1-sulfonic acid (9Cl-PF3ONS)	ND		0.19	0.086	ng/g	☼	07/21/25 14:12	07/25/25 05:11	1
11-Chloroeicosafluoro-3-oxaundecan e-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.19	0.076	ng/g	☼	07/21/25 14:12	07/25/25 05:11	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEEESA)	ND		0.19	0.048	ng/g	☼	07/21/25 14:12	07/25/25 05:11	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.38	0.19	ng/g	☼	07/21/25 14:12	07/25/25 05:11	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.95	0.48	ng/g	☼	07/21/25 14:12	07/25/25 05:11	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.95	0.38	ng/g	☼	07/21/25 14:12	07/25/25 05:11	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	83.3		8 - 130				07/21/25 14:12	07/25/25 05:11	1
13C5 PFPeA	94.4		35 - 130				07/21/25 14:12	07/25/25 05:11	1
13C5 PFHxA	90.6		40 - 130				07/21/25 14:12	07/25/25 05:11	1
13C4 PFHpA	88.0		40 - 130				07/21/25 14:12	07/25/25 05:11	1
13C8 PFOA	88.2		40 - 130				07/21/25 14:12	07/25/25 05:11	1
13C9 PFNA	99.5		40 - 130				07/21/25 14:12	07/25/25 05:11	1
13C6 PFDA	90.2		40 - 130				07/21/25 14:12	07/25/25 05:11	1
13C7 PFUnA	94.5		40 - 130				07/21/25 14:12	07/25/25 05:11	1
13C2 PFTeDA	76.5		20 - 130				07/21/25 14:12	07/25/25 05:11	1
13C3 PFBS	78.2		40 - 135				07/21/25 14:12	07/25/25 05:11	1
13C3 PFHxS	81.9		40 - 130				07/21/25 14:12	07/25/25 05:11	1
13C8 PFOS	79.8		40 - 130				07/21/25 14:12	07/25/25 05:11	1
13C8 FOSA	78.2		40 - 130				07/21/25 14:12	07/25/25 05:11	1
d3-NMeFOSAA	92.2		40 - 135				07/21/25 14:12	07/25/25 05:11	1
d5-NEtFOSAA	88.3		40 - 150				07/21/25 14:12	07/25/25 05:11	1
13C2 4:2 FTS	74.6		40 - 165				07/21/25 14:12	07/25/25 05:11	1
13C2 6:2 FTS	76.7		40 - 215				07/21/25 14:12	07/25/25 05:11	1
13C2 8:2 FTS	76.0		40 - 275				07/21/25 14:12	07/25/25 05:11	1
13C3 HFPO-DA	88.6		40 - 130				07/21/25 14:12	07/25/25 05:11	1
d7-N-MeFOSE-M	47.4		20 - 130				07/21/25 14:12	07/25/25 05:11	1
d9-N-EtFOSE-M	45.4		15 - 130				07/21/25 14:12	07/25/25 05:11	1
d5-NEtPFOSA	68.4		10 - 130				07/21/25 14:12	07/25/25 05:11	1
d3-NMePFOSA	70.0		10 - 130				07/21/25 14:12	07/25/25 05:11	1
13C2 PFDoA	79.2		40 - 130				07/21/25 14:12	07/25/25 05:11	1

Client Sample Results

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Client Sample ID: SB2-4'

Lab Sample ID: 480-231006-9

Date Collected: 07/09/25 13:30

Matrix: Solid

Date Received: 07/10/25 14:30

Percent Solids: 91.8

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		48	13	ug/Kg	✱	07/16/25 10:48	07/17/25 06:59	1
1,1,2,2-Tetrachloroethane	ND		48	7.9	ug/Kg	✱	07/16/25 10:48	07/17/25 06:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		48	24	ug/Kg	✱	07/16/25 10:48	07/17/25 06:59	1
1,1,2-Trichloroethane	ND		48	10	ug/Kg	✱	07/16/25 10:48	07/17/25 06:59	1
1,1-Dichloroethane	ND		48	15	ug/Kg	✱	07/16/25 10:48	07/17/25 06:59	1
1,1-Dichloroethene	ND		48	17	ug/Kg	✱	07/16/25 10:48	07/17/25 06:59	1
1,2,4-Trichlorobenzene	ND		48	18	ug/Kg	✱	07/16/25 10:48	07/17/25 06:59	1
1,2-Dibromo-3-Chloropropane	ND		48	24	ug/Kg	✱	07/16/25 10:48	07/17/25 06:59	1
1,2-Dichlorobenzene	ND		48	12	ug/Kg	✱	07/16/25 10:48	07/17/25 06:59	1
1,2-Dichloroethane	ND		48	20	ug/Kg	✱	07/16/25 10:48	07/17/25 06:59	1
1,2-Dichloropropane	ND		48	7.8	ug/Kg	✱	07/16/25 10:48	07/17/25 06:59	1
1,3-Dichlorobenzene	ND		48	13	ug/Kg	✱	07/16/25 10:48	07/17/25 06:59	1
1,4-Dichlorobenzene	ND		48	6.8	ug/Kg	✱	07/16/25 10:48	07/17/25 06:59	1
2-Butanone (MEK)	ND		240	140	ug/Kg	✱	07/16/25 10:48	07/17/25 06:59	1
2-Hexanone	ND		240	99	ug/Kg	✱	07/16/25 10:48	07/17/25 06:59	1
4-Methyl-2-pentanone (MIBK)	ND		240	15	ug/Kg	✱	07/16/25 10:48	07/17/25 06:59	1
Acetone	ND		240	200	ug/Kg	✱	07/16/25 10:48	07/17/25 06:59	1
Benzene	ND		48	9.2	ug/Kg	✱	07/16/25 10:48	07/17/25 06:59	1
Bromoform	ND		48	24	ug/Kg	✱	07/16/25 10:48	07/17/25 06:59	1
Bromomethane	ND		48	11	ug/Kg	✱	07/16/25 10:48	07/17/25 06:59	1
Carbon disulfide	ND		48	22	ug/Kg	✱	07/16/25 10:48	07/17/25 06:59	1
Carbon tetrachloride	ND		48	12	ug/Kg	✱	07/16/25 10:48	07/17/25 06:59	1
Chlorobenzene	ND		48	6.4	ug/Kg	✱	07/16/25 10:48	07/17/25 06:59	1
Dibromochloromethane	ND		48	23	ug/Kg	✱	07/16/25 10:48	07/17/25 06:59	1
Chloroethane	ND		48	10	ug/Kg	✱	07/16/25 10:48	07/17/25 06:59	1
Chloroform	ND		48	33	ug/Kg	✱	07/16/25 10:48	07/17/25 06:59	1
Chloromethane	ND		48	12	ug/Kg	✱	07/16/25 10:48	07/17/25 06:59	1
cis-1,2-Dichloroethene	ND		48	13	ug/Kg	✱	07/16/25 10:48	07/17/25 06:59	1
Cyclohexane	ND		48	11	ug/Kg	✱	07/16/25 10:48	07/17/25 06:59	1
Bromodichloromethane	ND		48	9.7	ug/Kg	✱	07/16/25 10:48	07/17/25 06:59	1
Dichlorodifluoromethane	ND		48	21	ug/Kg	✱	07/16/25 10:48	07/17/25 06:59	1
Ethylbenzene	ND		48	14	ug/Kg	✱	07/16/25 10:48	07/17/25 06:59	1
1,2-Dibromoethane	ND		48	8.5	ug/Kg	✱	07/16/25 10:48	07/17/25 06:59	1
Isopropylbenzene	ND		48	7.3	ug/Kg	✱	07/16/25 10:48	07/17/25 06:59	1
Methyl acetate	440		240	23	ug/Kg	✱	07/16/25 10:48	07/17/25 06:59	1
Methyl tert-butyl ether	ND		48	18	ug/Kg	✱	07/16/25 10:48	07/17/25 06:59	1
Methylcyclohexane	ND		48	23	ug/Kg	✱	07/16/25 10:48	07/17/25 06:59	1
Methylene Chloride	ND		48	9.6	ug/Kg	✱	07/16/25 10:48	07/17/25 06:59	1
Tetrachloroethene	ND		48	6.5	ug/Kg	✱	07/16/25 10:48	07/17/25 06:59	1
Toluene	40 J		48	13	ug/Kg	✱	07/16/25 10:48	07/17/25 06:59	1
trans-1,2-Dichloroethene	ND		48	11	ug/Kg	✱	07/16/25 10:48	07/17/25 06:59	1
trans-1,3-Dichloropropene	ND		48	4.8	ug/Kg	✱	07/16/25 10:48	07/17/25 06:59	1
Trichloroethene	ND		48	13	ug/Kg	✱	07/16/25 10:48	07/17/25 06:59	1
Trichlorofluoromethane	ND		48	23	ug/Kg	✱	07/16/25 10:48	07/17/25 06:59	1
Vinyl chloride	ND		48	16	ug/Kg	✱	07/16/25 10:48	07/17/25 06:59	1
Xylenes, Total	46 J		97	27	ug/Kg	✱	07/16/25 10:48	07/17/25 06:59	1
cis-1,3-Dichloropropene	ND		48	12	ug/Kg	✱	07/16/25 10:48	07/17/25 06:59	1
Styrene	13 J		48	12	ug/Kg	✱	07/16/25 10:48	07/17/25 06:59	1

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Client Sample Results

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Client Sample ID: SB2-4'

Date Collected: 07/09/25 13:30

Date Received: 07/10/25 14:30

Lab Sample ID: 480-231006-9

Matrix: Solid

Percent Solids: 91.8

<u>Surrogate</u>	<u>%Recovery</u>	<u>Qualifier</u>	<u>Limits</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Dil Fac</u>
1,2-Dichloroethane-d4 (Surr)	106		53 - 146	07/16/25 10:48	07/17/25 06:59	1
4-Bromofluorobenzene (Surr)	85		49 - 148	07/16/25 10:48	07/17/25 06:59	1
Toluene-d8 (Surr)	98		50 - 149	07/16/25 10:48	07/17/25 06:59	1
Dibromofluoromethane (Surr)	83		60 - 140	07/16/25 10:48	07/17/25 06:59	1

Client Sample Results

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Client Sample ID: SB2-4' DUP

Lab Sample ID: 480-231006-10

Date Collected: 07/09/25 13:30

Matrix: Solid

Date Received: 07/10/25 14:30

Percent Solids: 90.2

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		61	17	ug/Kg	✱	07/16/25 10:48	07/17/25 07:22	1
1,1,2,2-Tetrachloroethane	ND		61	9.9	ug/Kg	✱	07/16/25 10:48	07/17/25 07:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		61	30	ug/Kg	✱	07/16/25 10:48	07/17/25 07:22	1
1,1,2-Trichloroethane	ND		61	13	ug/Kg	✱	07/16/25 10:48	07/17/25 07:22	1
1,1-Dichloroethane	ND		61	19	ug/Kg	✱	07/16/25 10:48	07/17/25 07:22	1
1,1-Dichloroethene	ND		61	21	ug/Kg	✱	07/16/25 10:48	07/17/25 07:22	1
1,2,4-Trichlorobenzene	ND		61	23	ug/Kg	✱	07/16/25 10:48	07/17/25 07:22	1
1,2-Dibromo-3-Chloropropane	ND		61	30	ug/Kg	✱	07/16/25 10:48	07/17/25 07:22	1
1,2-Dichlorobenzene	ND		61	16	ug/Kg	✱	07/16/25 10:48	07/17/25 07:22	1
1,2-Dichloroethane	ND		61	25	ug/Kg	✱	07/16/25 10:48	07/17/25 07:22	1
1,2-Dichloropropane	ND		61	9.9	ug/Kg	✱	07/16/25 10:48	07/17/25 07:22	1
1,3-Dichlorobenzene	ND		61	16	ug/Kg	✱	07/16/25 10:48	07/17/25 07:22	1
1,4-Dichlorobenzene	ND		61	8.5	ug/Kg	✱	07/16/25 10:48	07/17/25 07:22	1
2-Butanone (MEK)	ND		300	180	ug/Kg	✱	07/16/25 10:48	07/17/25 07:22	1
2-Hexanone	ND		300	120	ug/Kg	✱	07/16/25 10:48	07/17/25 07:22	1
4-Methyl-2-pentanone (MIBK)	ND		300	19	ug/Kg	✱	07/16/25 10:48	07/17/25 07:22	1
Acetone	ND		300	250	ug/Kg	✱	07/16/25 10:48	07/17/25 07:22	1
Benzene	ND		61	12	ug/Kg	✱	07/16/25 10:48	07/17/25 07:22	1
Bromoform	ND		61	30	ug/Kg	✱	07/16/25 10:48	07/17/25 07:22	1
Bromomethane	ND		61	13	ug/Kg	✱	07/16/25 10:48	07/17/25 07:22	1
Carbon disulfide	ND		61	28	ug/Kg	✱	07/16/25 10:48	07/17/25 07:22	1
Carbon tetrachloride	ND		61	16	ug/Kg	✱	07/16/25 10:48	07/17/25 07:22	1
Chlorobenzene	ND		61	8.0	ug/Kg	✱	07/16/25 10:48	07/17/25 07:22	1
Dibromochloromethane	ND		61	29	ug/Kg	✱	07/16/25 10:48	07/17/25 07:22	1
Chloroethane	ND		61	13	ug/Kg	✱	07/16/25 10:48	07/17/25 07:22	1
Chloroform	ND		61	42	ug/Kg	✱	07/16/25 10:48	07/17/25 07:22	1
Chloromethane	ND		61	14	ug/Kg	✱	07/16/25 10:48	07/17/25 07:22	1
cis-1,2-Dichloroethene	ND		61	17	ug/Kg	✱	07/16/25 10:48	07/17/25 07:22	1
Cyclohexane	ND		61	14	ug/Kg	✱	07/16/25 10:48	07/17/25 07:22	1
Bromodichloromethane	ND		61	12	ug/Kg	✱	07/16/25 10:48	07/17/25 07:22	1
Dichlorodifluoromethane	ND		61	27	ug/Kg	✱	07/16/25 10:48	07/17/25 07:22	1
Ethylbenzene	ND		61	18	ug/Kg	✱	07/16/25 10:48	07/17/25 07:22	1
1,2-Dibromoethane	ND		61	11	ug/Kg	✱	07/16/25 10:48	07/17/25 07:22	1
Isopropylbenzene	ND		61	9.1	ug/Kg	✱	07/16/25 10:48	07/17/25 07:22	1
Methyl acetate	420		300	29	ug/Kg	✱	07/16/25 10:48	07/17/25 07:22	1
Methyl tert-butyl ether	ND		61	23	ug/Kg	✱	07/16/25 10:48	07/17/25 07:22	1
Methylcyclohexane	ND		61	28	ug/Kg	✱	07/16/25 10:48	07/17/25 07:22	1
Methylene Chloride	ND		61	12	ug/Kg	✱	07/16/25 10:48	07/17/25 07:22	1
Tetrachloroethene	ND		61	8.2	ug/Kg	✱	07/16/25 10:48	07/17/25 07:22	1
Toluene	55 J		61	16	ug/Kg	✱	07/16/25 10:48	07/17/25 07:22	1
trans-1,2-Dichloroethene	ND		61	14	ug/Kg	✱	07/16/25 10:48	07/17/25 07:22	1
trans-1,3-Dichloropropene	ND		61	6.0	ug/Kg	✱	07/16/25 10:48	07/17/25 07:22	1
Trichloroethene	ND		61	17	ug/Kg	✱	07/16/25 10:48	07/17/25 07:22	1
Trichlorofluoromethane	ND		61	29	ug/Kg	✱	07/16/25 10:48	07/17/25 07:22	1
Vinyl chloride	ND		61	20	ug/Kg	✱	07/16/25 10:48	07/17/25 07:22	1
Xylenes, Total	57 J		120	34	ug/Kg	✱	07/16/25 10:48	07/17/25 07:22	1
cis-1,3-Dichloropropene	ND		61	15	ug/Kg	✱	07/16/25 10:48	07/17/25 07:22	1
Styrene	ND		61	15	ug/Kg	✱	07/16/25 10:48	07/17/25 07:22	1

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Client Sample Results

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Client Sample ID: SB2-4' DUP

Lab Sample ID: 480-231006-10

Date Collected: 07/09/25 13:30

Matrix: Solid

Date Received: 07/10/25 14:30

Percent Solids: 90.2

<u>Surrogate</u>	<u>%Recovery</u>	<u>Qualifier</u>	<u>Limits</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Dil Fac</u>
1,2-Dichloroethane-d4 (Surr)	108		53 - 146	07/16/25 10:48	07/17/25 07:22	1
4-Bromofluorobenzene (Surr)	90		49 - 148	07/16/25 10:48	07/17/25 07:22	1
Toluene-d8 (Surr)	102		50 - 149	07/16/25 10:48	07/17/25 07:22	1
Dibromofluoromethane (Surr)	85		60 - 140	07/16/25 10:48	07/17/25 07:22	1

Client Sample Results

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Client Sample ID: SB2-24"-36"

Lab Sample ID: 480-231006-11

Date Collected: 07/09/25 13:30

Matrix: Solid

Date Received: 07/10/25 14:30

Percent Solids: 91.2

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.40	0.13	ng/g	☼	07/21/25 14:12	07/25/25 05:24	1
Perfluoropentanoic acid (PFPeA)	ND		0.20	0.050	ng/g	☼	07/21/25 14:12	07/25/25 05:24	1
Perfluorohexanoic acid (PFHxA)	ND		0.20	0.060	ng/g	☼	07/21/25 14:12	07/25/25 05:24	1
Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.070	ng/g	☼	07/21/25 14:12	07/25/25 05:24	1
Perfluorooctanoic acid (PFOA)	ND		0.20	0.060	ng/g	☼	07/21/25 14:12	07/25/25 05:24	1
Perfluorononanoic acid (PFNA)	ND		0.20	0.060	ng/g	☼	07/21/25 14:12	07/25/25 05:24	1
Perfluorodecanoic acid (PFDA)	ND		0.20	0.050	ng/g	☼	07/21/25 14:12	07/25/25 05:24	1
Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.050	ng/g	☼	07/21/25 14:12	07/25/25 05:24	1
Perfluorododecanoic acid (PFDoA)	ND		0.20	0.050	ng/g	☼	07/21/25 14:12	07/25/25 05:24	1
Perfluorotridecanoic acid (PFTTrDA)	ND		0.20	0.070	ng/g	☼	07/21/25 14:12	07/25/25 05:24	1
Perfluorotetradecanoic acid (PFTeDA)	ND		0.20	0.070	ng/g	☼	07/21/25 14:12	07/25/25 05:24	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.070	ng/g	☼	07/21/25 14:12	07/25/25 05:24	1
Perfluoropentanesulfonic acid (PFPeS)	ND		0.20	0.060	ng/g	☼	07/21/25 14:12	07/25/25 05:24	1
Perfluorohexanesulfonic acid (PFHxS)	0.074	J	0.20	0.050	ng/g	☼	07/21/25 14:12	07/25/25 05:24	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.070	ng/g	☼	07/21/25 14:12	07/25/25 05:24	1
Perfluorooctanesulfonic acid (PFOS)	0.40		0.20	0.11	ng/g	☼	07/21/25 14:12	07/25/25 05:24	1
Perfluorononanesulfonic acid (PFNS)	ND		0.20	0.070	ng/g	☼	07/21/25 14:12	07/25/25 05:24	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.050	ng/g	☼	07/21/25 14:12	07/25/25 05:24	1
Perfluorododecanesulfonic acid (PFDoS)	ND		0.20	0.060	ng/g	☼	07/21/25 14:12	07/25/25 05:24	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.40	0.10	ng/g	☼	07/21/25 14:12	07/25/25 05:24	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.40	0.13	ng/g	☼	07/21/25 14:12	07/25/25 05:24	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.40	0.13	ng/g	☼	07/21/25 14:12	07/25/25 05:24	1
Perfluorooctanesulfonamide (PFOSA)	ND		0.20	0.090	ng/g	☼	07/21/25 14:12	07/25/25 05:24	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.20	0.090	ng/g	☼	07/21/25 14:12	07/25/25 05:24	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.20	0.10	ng/g	☼	07/21/25 14:12	07/25/25 05:24	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.080	ng/g	☼	07/21/25 14:12	07/25/25 05:24	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.11	ng/g	☼	07/21/25 14:12	07/25/25 05:24	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		1.0	0.30	ng/g	☼	07/21/25 14:12	07/25/25 05:24	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		1.0	0.30	ng/g	☼	07/21/25 14:12	07/25/25 05:24	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.20	0.11	ng/g	☼	07/21/25 14:12	07/25/25 05:24	1
4,8-Dioxo-3H-perfluorononanoic acid (ADONA)	ND		0.20	0.060	ng/g	☼	07/21/25 14:12	07/25/25 05:24	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.20	0.070	ng/g	☼	07/21/25 14:12	07/25/25 05:24	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.20	0.050	ng/g	☼	07/21/25 14:12	07/25/25 05:24	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.20	0.070	ng/g	☼	07/21/25 14:12	07/25/25 05:24	1

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Client Sample Results

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Client Sample ID: SB2-24"-36"

Lab Sample ID: 480-231006-11

Date Collected: 07/09/25 13:30

Matrix: Solid

Date Received: 07/10/25 14:30

Percent Solids: 91.2

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
9-Chlorohexadecafluoro-3-oxanonan e-1-sulfonic acid (9Cl-PF3ONS)	ND		0.20	0.090	ng/g	☼	07/21/25 14:12	07/25/25 05:24	1
11-Chloroeicosafluoro-3-oxaundecan e-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.20	0.080	ng/g	☼	07/21/25 14:12	07/25/25 05:24	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEEESA)	ND		0.20	0.050	ng/g	☼	07/21/25 14:12	07/25/25 05:24	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.40	0.20	ng/g	☼	07/21/25 14:12	07/25/25 05:24	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		1.0	0.50	ng/g	☼	07/21/25 14:12	07/25/25 05:24	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		1.0	0.40	ng/g	☼	07/21/25 14:12	07/25/25 05:24	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	84.2		8 - 130				07/21/25 14:12	07/25/25 05:24	1
13C5 PFPeA	95.5		35 - 130				07/21/25 14:12	07/25/25 05:24	1
13C5 PFHxA	91.5		40 - 130				07/21/25 14:12	07/25/25 05:24	1
13C4 PFHpA	91.0		40 - 130				07/21/25 14:12	07/25/25 05:24	1
13C8 PFOA	85.8		40 - 130				07/21/25 14:12	07/25/25 05:24	1
13C9 PFNA	86.3		40 - 130				07/21/25 14:12	07/25/25 05:24	1
13C6 PFDA	87.0		40 - 130				07/21/25 14:12	07/25/25 05:24	1
13C7 PFUnA	90.5		40 - 130				07/21/25 14:12	07/25/25 05:24	1
13C2 PFTeDA	70.4		20 - 130				07/21/25 14:12	07/25/25 05:24	1
13C3 PFBS	79.8		40 - 135				07/21/25 14:12	07/25/25 05:24	1
13C3 PFHxS	81.0		40 - 130				07/21/25 14:12	07/25/25 05:24	1
13C8 PFOS	80.6		40 - 130				07/21/25 14:12	07/25/25 05:24	1
13C8 FOSA	76.4		40 - 130				07/21/25 14:12	07/25/25 05:24	1
d3-NMeFOSAA	93.4		40 - 135				07/21/25 14:12	07/25/25 05:24	1
d5-NEtFOSAA	91.5		40 - 150				07/21/25 14:12	07/25/25 05:24	1
13C2 4:2 FTS	79.8		40 - 165				07/21/25 14:12	07/25/25 05:24	1
13C2 6:2 FTS	79.1		40 - 215				07/21/25 14:12	07/25/25 05:24	1
13C2 8:2 FTS	75.3		40 - 275				07/21/25 14:12	07/25/25 05:24	1
13C3 HFPO-DA	89.9		40 - 130				07/21/25 14:12	07/25/25 05:24	1
d7-N-MeFOSE-M	50.4		20 - 130				07/21/25 14:12	07/25/25 05:24	1
d9-N-EtFOSE-M	43.7		15 - 130				07/21/25 14:12	07/25/25 05:24	1
d5-NEtPFOSA	64.0		10 - 130				07/21/25 14:12	07/25/25 05:24	1
d3-NMePFOSA	70.0		10 - 130				07/21/25 14:12	07/25/25 05:24	1
13C2 PFDoA	79.2		40 - 130				07/21/25 14:12	07/25/25 05:24	1

Client Sample Results

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Client Sample ID: SB2-12"-5'

Lab Sample ID: 480-231006-12

Date Collected: 07/09/25 13:30

Matrix: Solid

Date Received: 07/10/25 14:30

Percent Solids: 89.7

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		1900	350	ug/Kg	✱	07/12/25 07:49	07/18/25 16:40	10
bis (2-chloroisopropyl) ether	ND		1900	380	ug/Kg	✱	07/12/25 07:49	07/18/25 16:40	10
2,4,5-Trichlorophenol	ND		1900	380	ug/Kg	✱	07/12/25 07:49	07/18/25 16:40	10
2,4,6-Trichlorophenol	ND		1900	280	ug/Kg	✱	07/12/25 07:49	07/18/25 16:40	10
2,4-Dichlorophenol	ND		1900	370	ug/Kg	✱	07/12/25 07:49	07/18/25 16:40	10
2,4-Dimethylphenol	ND		1900	390	ug/Kg	✱	07/12/25 07:49	07/18/25 16:40	10
2,4-Dinitrophenol	ND		18000	360	ug/Kg	✱	07/12/25 07:49	07/18/25 16:40	10
2,4-Dinitrotoluene	ND		1900	260	ug/Kg	✱	07/12/25 07:49	07/18/25 16:40	10
2,6-Dinitrotoluene	ND		1900	270	ug/Kg	✱	07/12/25 07:49	07/18/25 16:40	10
2-Chloronaphthalene	ND		1900	350	ug/Kg	✱	07/12/25 07:49	07/18/25 16:40	10
2-Chlorophenol	ND		1900	290	ug/Kg	✱	07/12/25 07:49	07/18/25 16:40	10
2-Methylnaphthalene	2300		1900	290	ug/Kg	✱	07/12/25 07:49	07/18/25 16:40	10
2-Methylphenol	ND		1900	300	ug/Kg	✱	07/12/25 07:49	07/18/25 16:40	10
2-Nitroaniline	ND		3700	320	ug/Kg	✱	07/12/25 07:49	07/18/25 16:40	10
2-Nitrophenol	ND		1900	210	ug/Kg	✱	07/12/25 07:49	07/18/25 16:40	10
3,3'-Dichlorobenzidine	ND		3700	550	ug/Kg	✱	07/12/25 07:49	07/18/25 16:40	10
3-Nitroaniline	ND		3700	260	ug/Kg	✱	07/12/25 07:49	07/18/25 16:40	10
4,6-Dinitro-2-methylphenol	ND		3700	410	ug/Kg	✱	07/12/25 07:49	07/18/25 16:40	10
4-Bromophenyl phenyl ether	ND		1900	320	ug/Kg	✱	07/12/25 07:49	07/18/25 16:40	10
4-Chloro-3-methylphenol	ND		1900	380	ug/Kg	✱	07/12/25 07:49	07/18/25 16:40	10
4-Chloroaniline	ND		1900	270	ug/Kg	✱	07/12/25 07:49	07/18/25 16:40	10
4-Chlorophenyl phenyl ether	ND		1900	390	ug/Kg	✱	07/12/25 07:49	07/18/25 16:40	10
4-Methylphenol	ND		3700	340	ug/Kg	✱	07/12/25 07:49	07/18/25 16:40	10
4-Nitroaniline	ND		3700	270	ug/Kg	✱	07/12/25 07:49	07/18/25 16:40	10
4-Nitrophenol	ND		3700	510	ug/Kg	✱	07/12/25 07:49	07/18/25 16:40	10
Acenaphthene	650 J		1900	350	ug/Kg	✱	07/12/25 07:49	07/18/25 16:40	10
Acenaphthylene	1300 J		1900	360	ug/Kg	✱	07/12/25 07:49	07/18/25 16:40	10
Acetophenone	ND		1900	330	ug/Kg	✱	07/12/25 07:49	07/18/25 16:40	10
Anthracene	3500		1900	350	ug/Kg	✱	07/12/25 07:49	07/18/25 16:40	10
Atrazine	ND		1900	630	ug/Kg	✱	07/12/25 07:49	07/18/25 16:40	10
Benzaldehyde	ND		1900	1400	ug/Kg	✱	07/12/25 07:49	07/18/25 16:40	10
Benzo[a]anthracene	8900		1900	260	ug/Kg	✱	07/12/25 07:49	07/18/25 16:40	10
Benzo[a]pyrene	6000		1900	320	ug/Kg	✱	07/12/25 07:49	07/18/25 16:40	10
Benzo[b]fluoranthene	5800		1900	250	ug/Kg	✱	07/12/25 07:49	07/18/25 16:40	10
Benzo[g,h,i]perylene	4200		1900	330	ug/Kg	✱	07/12/25 07:49	07/18/25 16:40	10
Benzo[k]fluoranthene	2100		1900	420	ug/Kg	✱	07/12/25 07:49	07/18/25 16:40	10
Bis(2-chloroethoxy)methane	ND		1900	360	ug/Kg	✱	07/12/25 07:49	07/18/25 16:40	10
Bis(2-chloroethyl)ether	ND		1900	350	ug/Kg	✱	07/12/25 07:49	07/18/25 16:40	10
Bis(2-ethylhexyl) phthalate	ND		1900	410	ug/Kg	✱	07/12/25 07:49	07/18/25 16:40	10
Butyl benzyl phthalate	ND		1900	350	ug/Kg	✱	07/12/25 07:49	07/18/25 16:40	10
Caprolactam	ND		1900	430	ug/Kg	✱	07/12/25 07:49	07/18/25 16:40	10
Carbazole	ND		1900	370	ug/Kg	✱	07/12/25 07:49	07/18/25 16:40	10
Chrysene	9100		1900	450	ug/Kg	✱	07/12/25 07:49	07/18/25 16:40	10
Dibenz(a,h)anthracene	1200 J		1900	380	ug/Kg	✱	07/12/25 07:49	07/18/25 16:40	10
Dibenzofuran	520 J		1900	330	ug/Kg	✱	07/12/25 07:49	07/18/25 16:40	10
Diethyl phthalate	ND		1900	340	ug/Kg	✱	07/12/25 07:49	07/18/25 16:40	10
Dimethyl phthalate	ND		1900	360	ug/Kg	✱	07/12/25 07:49	07/18/25 16:40	10
Di-n-butyl phthalate	ND		1900	420	ug/Kg	✱	07/12/25 07:49	07/18/25 16:40	10
Di-n-octyl phthalate	ND		1900	360	ug/Kg	✱	07/12/25 07:49	07/18/25 16:40	10

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Client Sample Results

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Client Sample ID: SB2-12"-5'

Lab Sample ID: 480-231006-12

Date Collected: 07/09/25 13:30

Matrix: Solid

Date Received: 07/10/25 14:30

Percent Solids: 89.7

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	14000		1900	340	ug/Kg	✱	07/12/25 07:49	07/18/25 16:40	10
Fluorene	2600		1900	340	ug/Kg	✱	07/12/25 07:49	07/18/25 16:40	10
Hexachlorobenzene	ND		1900	360	ug/Kg	✱	07/12/25 07:49	07/18/25 16:40	10
Hexachlorobutadiene	ND		1900	280	ug/Kg	✱	07/12/25 07:49	07/18/25 16:40	10
Hexachlorocyclopentadiene	ND		3700	820	ug/Kg	✱	07/12/25 07:49	07/18/25 16:40	10
Hexachloroethane	ND		1900	340	ug/Kg	✱	07/12/25 07:49	07/18/25 16:40	10
Indeno[1,2,3-cd]pyrene	2400		1900	280	ug/Kg	✱	07/12/25 07:49	07/18/25 16:40	10
Isophorone	ND		1900	380	ug/Kg	✱	07/12/25 07:49	07/18/25 16:40	10
Naphthalene	ND		1900	310	ug/Kg	✱	07/12/25 07:49	07/18/25 16:40	10
Nitrobenzene	ND		1900	310	ug/Kg	✱	07/12/25 07:49	07/18/25 16:40	10
N-Nitrosodi-n-propylamine	ND		1900	420	ug/Kg	✱	07/12/25 07:49	07/18/25 16:40	10
N-Nitrosodiphenylamine	ND		1900	310	ug/Kg	✱	07/12/25 07:49	07/18/25 16:40	10
Pentachlorophenol	ND		3700	600	ug/Kg	✱	07/12/25 07:49	07/18/25 16:40	10
Phenanthrene	24000		1900	350	ug/Kg	✱	07/12/25 07:49	07/18/25 16:40	10
Phenol	ND		1900	340	ug/Kg	✱	07/12/25 07:49	07/18/25 16:40	10
Pyrene	22000		1900	360	ug/Kg	✱	07/12/25 07:49	07/18/25 16:40	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	70		22 - 120	07/12/25 07:49	07/18/25 16:40	10
p-Terphenyl-d14 (Surr)	80		28 - 124	07/12/25 07:49	07/18/25 16:40	10
Phenol-d5 (Surr)	67		23 - 120	07/12/25 07:49	07/18/25 16:40	10
2-Fluorophenol (Surr)	66		18 - 120	07/12/25 07:49	07/18/25 16:40	10
2,4,6-Tribromophenol (Surr)	34		10 - 140	07/12/25 07:49	07/18/25 16:40	10
2-Fluorobiphenyl (Surr)	74		29 - 120	07/12/25 07:49	07/18/25 16:40	10

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		73	14	ug/Kg	✱	07/15/25 06:52	07/18/25 13:33	20
4,4'-DDE	ND		73	15	ug/Kg	✱	07/15/25 06:52	07/18/25 13:33	20
4,4'-DDT	40	J	73	17	ug/Kg	✱	07/15/25 06:52	07/18/25 13:33	20
Aldrin	ND		73	18	ug/Kg	✱	07/15/25 06:52	07/18/25 13:33	20
alpha-BHC	ND		73	13	ug/Kg	✱	07/15/25 06:52	07/18/25 13:33	20
cis-Chlordane	ND		73	36	ug/Kg	✱	07/15/25 06:52	07/18/25 13:33	20
beta-BHC	ND		73	13	ug/Kg	✱	07/15/25 06:52	07/18/25 13:33	20
delta-BHC	ND		73	14	ug/Kg	✱	07/15/25 06:52	07/18/25 13:33	20
Dieldrin	ND		73	18	ug/Kg	✱	07/15/25 06:52	07/18/25 13:33	20
Endosulfan I	ND		73	14	ug/Kg	✱	07/15/25 06:52	07/18/25 13:33	20
Endosulfan II	ND		73	13	ug/Kg	✱	07/15/25 06:52	07/18/25 13:33	20
Endosulfan sulfate	ND		73	14	ug/Kg	✱	07/15/25 06:52	07/18/25 13:33	20
Endrin	ND		73	14	ug/Kg	✱	07/15/25 06:52	07/18/25 13:33	20
Endrin aldehyde	ND		73	19	ug/Kg	✱	07/15/25 06:52	07/18/25 13:33	20
Endrin ketone	ND		73	18	ug/Kg	✱	07/15/25 06:52	07/18/25 13:33	20
gamma-BHC (Lindane)	ND		73	13	ug/Kg	✱	07/15/25 06:52	07/18/25 13:33	20
trans-Chlordane	ND		73	23	ug/Kg	✱	07/15/25 06:52	07/18/25 13:33	20
Heptachlor	ND		73	16	ug/Kg	✱	07/15/25 06:52	07/18/25 13:33	20
Heptachlor epoxide	ND		73	19	ug/Kg	✱	07/15/25 06:52	07/18/25 13:33	20
Methoxychlor	26	J	73	15	ug/Kg	✱	07/15/25 06:52	07/18/25 13:33	20
Toxaphene	ND		730	420	ug/Kg	✱	07/15/25 06:52	07/18/25 13:33	20

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Client Sample Results

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Client Sample ID: SB2-12"-5'

Lab Sample ID: 480-231006-12

Date Collected: 07/09/25 13:30

Matrix: Solid

Date Received: 07/10/25 14:30

Percent Solids: 89.7

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	107		45 - 120	07/15/25 06:52	07/18/25 13:33	20
DCB Decachlorobiphenyl	347	S1+	45 - 120	07/15/25 06:52	07/18/25 13:33	20
Tetrachloro-m-xylene	0	S1-	30 - 124	07/15/25 06:52	07/18/25 13:33	20
Tetrachloro-m-xylene	0	S1-	30 - 124	07/15/25 06:52	07/18/25 13:33	20

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.019	0.0059	mg/Kg	✱	07/21/25 17:00	07/22/25 14:42	1
PCB-1221	ND		0.019	0.0059	mg/Kg	✱	07/21/25 17:00	07/22/25 14:42	1
PCB-1232	ND		0.019	0.0059	mg/Kg	✱	07/21/25 17:00	07/22/25 14:42	1
PCB-1242	ND		0.019	0.0059	mg/Kg	✱	07/21/25 17:00	07/22/25 14:42	1
PCB-1248	ND		0.019	0.0059	mg/Kg	✱	07/21/25 17:00	07/22/25 14:42	1
PCB-1254	ND		0.019	0.0071	mg/Kg	✱	07/21/25 17:00	07/22/25 14:42	1
PCB-1260	ND		0.019	0.0071	mg/Kg	✱	07/21/25 17:00	07/22/25 14:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	82		68 - 130	07/21/25 17:00	07/22/25 14:42	1
Tetrachloro-m-xylene	44	S1- p	68 - 130	07/21/25 17:00	07/22/25 14:42	1
DCB Decachlorobiphenyl (Surr)	74		66 - 130	07/21/25 17:00	07/22/25 14:42	1
DCB Decachlorobiphenyl (Surr)	61	S1-	66 - 130	07/21/25 17:00	07/22/25 14:42	1

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	ND		19	5.9	ug/Kg	✱	07/19/25 05:38	07/24/25 03:35	1
Silvex (2,4,5-TP)	ND		19	6.7	ug/Kg	✱	07/19/25 05:38	07/24/25 03:35	1
2,4-D	ND		19	12	ug/Kg	✱	07/19/25 05:38	07/24/25 03:35	1
Dichlorprop	ND		19	9.2	ug/Kg	✱	07/19/25 05:38	07/24/25 03:35	1
Pentachlorophenol	ND		19	6.0	ug/Kg	✱	07/19/25 05:38	07/24/25 03:35	1
Picloram	ND		19	8.0	ug/Kg	✱	07/19/25 05:38	07/24/25 03:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	69		28 - 129	07/19/25 05:38	07/24/25 03:35	1
2,4-Dichlorophenylacetic acid	52		28 - 129	07/19/25 05:38	07/24/25 03:35	1

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.39	0.13	ng/g	✱	07/18/25 14:16	07/19/25 10:09	1
Perfluoropentanoic acid (PFPeA)	ND		0.20	0.049	ng/g	✱	07/18/25 14:16	07/19/25 10:09	1
Perfluorohexanoic acid (PFHxA)	ND		0.20	0.059	ng/g	✱	07/18/25 14:16	07/19/25 10:09	1
Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.069	ng/g	✱	07/18/25 14:16	07/19/25 10:09	1
Perfluorooctanoic acid (PFOA)	ND		0.20	0.059	ng/g	✱	07/18/25 14:16	07/19/25 10:09	1
Perfluorononanoic acid (PFNA)	ND		0.20	0.059	ng/g	✱	07/18/25 14:16	07/19/25 10:09	1
Perfluorodecanoic acid (PFDA)	ND		0.20	0.049	ng/g	✱	07/18/25 14:16	07/19/25 10:09	1
Perfluoroundecanoic acid (PFUnA)	0.054	J	0.20	0.049	ng/g	✱	07/18/25 14:16	07/19/25 10:09	1
Perfluorododecanoic acid (PFDoA)	ND		0.20	0.049	ng/g	✱	07/18/25 14:16	07/19/25 10:09	1
Perfluorotridecanoic acid (PFTTrDA)	ND		0.20	0.069	ng/g	✱	07/18/25 14:16	07/19/25 10:09	1
Perfluorotetradecanoic acid (PFTeDA)	ND		0.20	0.069	ng/g	✱	07/18/25 14:16	07/19/25 10:09	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.069	ng/g	✱	07/18/25 14:16	07/19/25 10:09	1
Perfluoropentanesulfonic acid (PFPeS)	ND		0.20	0.059	ng/g	✱	07/18/25 14:16	07/19/25 10:09	1

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Client Sample Results

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Client Sample ID: SB2-12"-5'

Lab Sample ID: 480-231006-12

Date Collected: 07/09/25 13:30

Matrix: Solid

Date Received: 07/10/25 14:30

Percent Solids: 89.7

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanesulfonic acid (PFHxS)	0.087	J	0.20	0.049	ng/g	☼	07/18/25 14:16	07/19/25 10:09	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.069	ng/g	☼	07/18/25 14:16	07/19/25 10:09	1
Perfluorooctanesulfonic acid (PFOS)	1.4		0.20	0.11	ng/g	☼	07/18/25 14:16	07/19/25 10:09	1
Perfluorononanesulfonic acid (PFNS)	ND		0.20	0.069	ng/g	☼	07/18/25 14:16	07/19/25 10:09	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.049	ng/g	☼	07/18/25 14:16	07/19/25 10:09	1
Perfluorododecanesulfonic acid (PFDoS)	ND		0.20	0.059	ng/g	☼	07/18/25 14:16	07/19/25 10:09	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.39	0.098	ng/g	☼	07/18/25 14:16	07/19/25 10:09	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.39	0.13	ng/g	☼	07/18/25 14:16	07/19/25 10:09	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.39	0.13	ng/g	☼	07/18/25 14:16	07/19/25 10:09	1
Perfluorooctanesulfonamide (PFOSA)	ND		0.20	0.088	ng/g	☼	07/18/25 14:16	07/19/25 10:09	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.20	0.088	ng/g	☼	07/18/25 14:16	07/19/25 10:09	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.20	0.098	ng/g	☼	07/18/25 14:16	07/19/25 10:09	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.079	ng/g	☼	07/18/25 14:16	07/19/25 10:09	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.11	ng/g	☼	07/18/25 14:16	07/19/25 10:09	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.35	J	0.98	0.29	ng/g	☼	07/18/25 14:16	07/19/25 10:09	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.33	J	0.98	0.29	ng/g	☼	07/18/25 14:16	07/19/25 10:09	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.20	0.11	ng/g	☼	07/18/25 14:16	07/19/25 10:09	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.20	0.059	ng/g	☼	07/18/25 14:16	07/19/25 10:09	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.20	0.069	ng/g	☼	07/18/25 14:16	07/19/25 10:09	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.20	0.049	ng/g	☼	07/18/25 14:16	07/19/25 10:09	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.20	0.069	ng/g	☼	07/18/25 14:16	07/19/25 10:09	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		0.20	0.088	ng/g	☼	07/18/25 14:16	07/19/25 10:09	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUS)	ND		0.20	0.079	ng/g	☼	07/18/25 14:16	07/19/25 10:09	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.20	0.049	ng/g	☼	07/18/25 14:16	07/19/25 10:09	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.39	0.20	ng/g	☼	07/18/25 14:16	07/19/25 10:09	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.98	0.49	ng/g	☼	07/18/25 14:16	07/19/25 10:09	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.98	0.39	ng/g	☼	07/18/25 14:16	07/19/25 10:09	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	127		8 - 130				07/18/25 14:16	07/19/25 10:09	1
13C5 PFPeA	124		35 - 130				07/18/25 14:16	07/19/25 10:09	1
13C5 PFHxA	122		40 - 130				07/18/25 14:16	07/19/25 10:09	1

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Client Sample Results

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Client Sample ID: SB2-12"-5'

Lab Sample ID: 480-231006-12

Date Collected: 07/09/25 13:30

Matrix: Solid

Date Received: 07/10/25 14:30

Percent Solids: 89.7

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFHpA	116		40 - 130	07/18/25 14:16	07/19/25 10:09	1
13C8 PFOA	112		40 - 130	07/18/25 14:16	07/19/25 10:09	1
13C9 PFNA	101		40 - 130	07/18/25 14:16	07/19/25 10:09	1
13C6 PFDA	78.0		40 - 130	07/18/25 14:16	07/19/25 10:09	1
13C7 PFUnA	59.7		40 - 130	07/18/25 14:16	07/19/25 10:09	1
13C2 PFTeDA	71.3		20 - 130	07/18/25 14:16	07/19/25 10:09	1
13C3 PFBS	107		40 - 135	07/18/25 14:16	07/19/25 10:09	1
13C3 PFHxS	80.8		40 - 130	07/18/25 14:16	07/19/25 10:09	1
13C8 PFOS	40.9		40 - 130	07/18/25 14:16	07/19/25 10:09	1
13C8 FOSA	88.2		40 - 130	07/18/25 14:16	07/19/25 10:09	1
d3-NMeFOSAA	80.1		40 - 135	07/18/25 14:16	07/19/25 10:09	1
d5-NEtFOSAA	68.5		40 - 150	07/18/25 14:16	07/19/25 10:09	1
13C2 4:2 FTS	123		40 - 165	07/18/25 14:16	07/19/25 10:09	1
13C2 6:2 FTS	108		40 - 215	07/18/25 14:16	07/19/25 10:09	1
13C2 8:2 FTS	83.2		40 - 275	07/18/25 14:16	07/19/25 10:09	1
13C3 HFPO-DA	113		40 - 130	07/18/25 14:16	07/19/25 10:09	1
d7-N-MeFOSE-M	66.8		20 - 130	07/18/25 14:16	07/19/25 10:09	1
d9-N-EtFOSE-M	62.4		15 - 130	07/18/25 14:16	07/19/25 10:09	1
d5-NEtPFOSA	64.2		10 - 130	07/18/25 14:16	07/19/25 10:09	1
d3-NMePFOSA	65.9		10 - 130	07/18/25 14:16	07/19/25 10:09	1
13C2 PFDaA	56.4		40 - 130	07/18/25 14:16	07/19/25 10:09	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	16500		11.2	9.7	mg/Kg	✱	07/17/25 08:43	07/18/25 12:40	1
Antimony	ND		16.9	0.60	mg/Kg	✱	07/17/25 08:43	07/18/25 12:40	1
Arsenic	2.3		2.2	0.99	mg/Kg	✱	07/17/25 08:43	07/18/25 12:40	1
Barium	121		0.56	0.16	mg/Kg	✱	07/17/25 08:43	07/18/25 12:40	1
Beryllium	0.56		0.22	0.045	mg/Kg	✱	07/17/25 08:43	07/18/25 12:40	1
Cadmium	0.10	J	0.22	0.079	mg/Kg	✱	07/17/25 08:43	07/18/25 12:40	1
Calcium	19800		56.2	30.4	mg/Kg	✱	07/17/25 08:43	07/18/25 12:40	1
Chromium	26.3		0.56	0.40	mg/Kg	✱	07/17/25 08:43	07/18/25 12:40	1
Cobalt	13.5		0.56	0.11	mg/Kg	✱	07/17/25 08:43	07/18/25 12:40	1
Copper	49.2		1.1	0.64	mg/Kg	✱	07/17/25 08:43	07/18/25 12:40	1
Iron	25600		11.2	9.5	mg/Kg	✱	07/17/25 08:43	07/18/25 12:40	1
Lead	41.4		1.1	0.52	mg/Kg	✱	07/17/25 08:43	07/18/25 12:40	1
Magnesium	9580		22.5	9.5	mg/Kg	✱	07/17/25 08:43	07/18/25 12:40	1
Manganese	406		1.1	0.31	mg/Kg	✱	07/17/25 08:43	07/18/25 12:40	1
Nickel	22.0		5.6	0.28	mg/Kg	✱	07/17/25 08:43	07/18/25 12:40	1
Potassium	4850		33.7	27.3	mg/Kg	✱	07/17/25 08:43	07/18/25 12:40	1
Selenium	ND		4.5	0.90	mg/Kg	✱	07/17/25 08:43	07/18/25 12:40	1
Silver	ND	^5-	0.67	0.22	mg/Kg	✱	07/17/25 08:43	07/18/25 12:40	1
Sodium	738		157	68.9	mg/Kg	✱	07/17/25 08:43	07/18/25 12:40	1
Thallium	ND		6.7	0.85	mg/Kg	✱	07/17/25 08:43	07/18/25 12:40	1
Vanadium	60.4		0.56	0.15	mg/Kg	✱	07/17/25 08:43	07/18/25 12:40	1
Zinc	74.3	^5-	2.2	1.1	mg/Kg	✱	07/17/25 08:43	07/18/25 12:40	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0081	J	0.021	0.0049	mg/Kg	✱	07/14/25 10:43	07/14/25 13:41	1

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Client Sample Results

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Client Sample ID: SB2-9'-10'

Lab Sample ID: 480-231006-13

Date Collected: 07/09/25 14:00

Matrix: Solid

Date Received: 07/10/25 14:30

Percent Solids: 87.8

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.40	0.13	ng/g	✱	07/21/25 14:12	07/25/25 05:38	1
Perfluoropentanoic acid (PFPeA)	ND		0.20	0.050	ng/g	✱	07/21/25 14:12	07/25/25 05:38	1
Perfluorohexanoic acid (PFHxA)	ND		0.20	0.060	ng/g	✱	07/21/25 14:12	07/25/25 05:38	1
Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.070	ng/g	✱	07/21/25 14:12	07/25/25 05:38	1
Perfluorooctanoic acid (PFOA)	0.061	J	0.20	0.060	ng/g	✱	07/21/25 14:12	07/25/25 05:38	1
Perfluorononanoic acid (PFNA)	ND		0.15	0.15	ng/g	✱	07/21/25 14:12	07/25/25 05:38	1
Perfluorodecanoic acid (PFDA)	ND		0.20	0.050	ng/g	✱	07/21/25 14:12	07/25/25 05:38	1
Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.050	ng/g	✱	07/21/25 14:12	07/25/25 05:38	1
Perfluorododecanoic acid (PFDoA)	ND		0.20	0.050	ng/g	✱	07/21/25 14:12	07/25/25 05:38	1
Perfluorotridecanoic acid (PFTTrDA)	ND		0.20	0.070	ng/g	✱	07/21/25 14:12	07/25/25 05:38	1
Perfluorotetradecanoic acid (PFTeDA)	ND		0.20	0.070	ng/g	✱	07/21/25 14:12	07/25/25 05:38	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.070	ng/g	✱	07/21/25 14:12	07/25/25 05:38	1
Perfluoropentanesulfonic acid (PFPeS)	ND		0.20	0.060	ng/g	✱	07/21/25 14:12	07/25/25 05:38	1
Perfluorohexanesulfonic acid (PFHxS)	0.28		0.20	0.050	ng/g	✱	07/21/25 14:12	07/25/25 05:38	1
Perfluoroheptanesulfonic acid (PFHpS)	0.22		0.20	0.070	ng/g	✱	07/21/25 14:12	07/25/25 05:38	1
Perfluorooctanesulfonic acid (PFOS)	5.4		0.20	0.11	ng/g	✱	07/21/25 14:12	07/25/25 05:38	1
Perfluorononanesulfonic acid (PFNS)	ND		0.20	0.070	ng/g	✱	07/21/25 14:12	07/25/25 05:38	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.050	ng/g	✱	07/21/25 14:12	07/25/25 05:38	1
Perfluorododecanesulfonic acid (PFDoS)	ND		0.20	0.060	ng/g	✱	07/21/25 14:12	07/25/25 05:38	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.40	0.10	ng/g	✱	07/21/25 14:12	07/25/25 05:38	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.40	0.13	ng/g	✱	07/21/25 14:12	07/25/25 05:38	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.40	0.13	ng/g	✱	07/21/25 14:12	07/25/25 05:38	1
Perfluorooctanesulfonamide (PFOSA)	ND		0.20	0.090	ng/g	✱	07/21/25 14:12	07/25/25 05:38	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.20	0.090	ng/g	✱	07/21/25 14:12	07/25/25 05:38	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.20	0.10	ng/g	✱	07/21/25 14:12	07/25/25 05:38	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.080	ng/g	✱	07/21/25 14:12	07/25/25 05:38	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.11	ng/g	✱	07/21/25 14:12	07/25/25 05:38	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		1.0	0.30	ng/g	✱	07/21/25 14:12	07/25/25 05:38	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		1.0	0.30	ng/g	✱	07/21/25 14:12	07/25/25 05:38	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.20	0.11	ng/g	✱	07/21/25 14:12	07/25/25 05:38	1
4,8-Dioxo-3H-perfluorononanoic acid (ADONA)	ND		0.20	0.060	ng/g	✱	07/21/25 14:12	07/25/25 05:38	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.20	0.070	ng/g	✱	07/21/25 14:12	07/25/25 05:38	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.20	0.050	ng/g	✱	07/21/25 14:12	07/25/25 05:38	1
Nonafluoro-3,6-dioxahexanoic acid (NFDHA)	ND		0.20	0.070	ng/g	✱	07/21/25 14:12	07/25/25 05:38	1

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Client Sample Results

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Client Sample ID: SB2-9'-10'

Lab Sample ID: 480-231006-13

Date Collected: 07/09/25 14:00

Matrix: Solid

Date Received: 07/10/25 14:30

Percent Solids: 87.8

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
9-Chlorohexadecafluoro-3-oxanonan e-1-sulfonic acid (9Cl-PF3ONS)	ND		0.20	0.090	ng/g	☼	07/21/25 14:12	07/25/25 05:38	1
11-Chloroeicosafluoro-3-oxaundecan e-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.20	0.080	ng/g	☼	07/21/25 14:12	07/25/25 05:38	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEEESA)	ND		0.20	0.050	ng/g	☼	07/21/25 14:12	07/25/25 05:38	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.40	0.20	ng/g	☼	07/21/25 14:12	07/25/25 05:38	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		1.0	0.50	ng/g	☼	07/21/25 14:12	07/25/25 05:38	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		1.0	0.40	ng/g	☼	07/21/25 14:12	07/25/25 05:38	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	85.7		8 - 130				07/21/25 14:12	07/25/25 05:38	1
13C5 PFPeA	93.7		35 - 130				07/21/25 14:12	07/25/25 05:38	1
13C5 PFHxA	91.4		40 - 130				07/21/25 14:12	07/25/25 05:38	1
13C4 PFHpA	87.7		40 - 130				07/21/25 14:12	07/25/25 05:38	1
13C8 PFOA	93.1		40 - 130				07/21/25 14:12	07/25/25 05:38	1
13C9 PFNA	91.3		40 - 130				07/21/25 14:12	07/25/25 05:38	1
13C6 PFDA	86.2		40 - 130				07/21/25 14:12	07/25/25 05:38	1
13C7 PFUnA	88.0		40 - 130				07/21/25 14:12	07/25/25 05:38	1
13C2 PFTeDA	66.2		20 - 130				07/21/25 14:12	07/25/25 05:38	1
13C3 PFBS	81.5		40 - 135				07/21/25 14:12	07/25/25 05:38	1
13C3 PFHxS	83.7		40 - 130				07/21/25 14:12	07/25/25 05:38	1
13C8 PFOS	83.4		40 - 130				07/21/25 14:12	07/25/25 05:38	1
13C8 FOSA	82.9		40 - 130				07/21/25 14:12	07/25/25 05:38	1
d3-NMeFOSAA	94.9		40 - 135				07/21/25 14:12	07/25/25 05:38	1
d5-NEtFOSAA	90.1		40 - 150				07/21/25 14:12	07/25/25 05:38	1
13C2 4:2 FTS	80.2		40 - 165				07/21/25 14:12	07/25/25 05:38	1
13C2 6:2 FTS	80.6		40 - 215				07/21/25 14:12	07/25/25 05:38	1
13C2 8:2 FTS	77.4		40 - 275				07/21/25 14:12	07/25/25 05:38	1
13C3 HFPO-DA	87.0		40 - 130				07/21/25 14:12	07/25/25 05:38	1
d7-N-MeFOSE-M	37.1		20 - 130				07/21/25 14:12	07/25/25 05:38	1
d9-N-EtFOSE-M	32.8		15 - 130				07/21/25 14:12	07/25/25 05:38	1
d5-NEtPFOSA	76.1		10 - 130				07/21/25 14:12	07/25/25 05:38	1
d3-NMePFOSA	78.3		10 - 130				07/21/25 14:12	07/25/25 05:38	1
13C2 PFDoA	79.3		40 - 130				07/21/25 14:12	07/25/25 05:38	1

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Client Sample Results

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Client Sample ID: SB2-9'-10'

Lab Sample ID: 480-231006-14

Date Collected: 07/09/25 14:00

Matrix: Solid

Date Received: 07/10/25 14:30

Percent Solids: 90.9

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		46	13	ug/Kg	✱	07/16/25 10:48	07/17/25 07:45	1
1,1,2,2-Tetrachloroethane	ND		46	7.5	ug/Kg	✱	07/16/25 10:48	07/17/25 07:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		46	23	ug/Kg	✱	07/16/25 10:48	07/17/25 07:45	1
1,1,2-Trichloroethane	ND		46	9.8	ug/Kg	✱	07/16/25 10:48	07/17/25 07:45	1
1,1-Dichloroethane	ND		46	14	ug/Kg	✱	07/16/25 10:48	07/17/25 07:45	1
1,1-Dichloroethene	ND		46	16	ug/Kg	✱	07/16/25 10:48	07/17/25 07:45	1
1,2,4-Trichlorobenzene	ND		46	18	ug/Kg	✱	07/16/25 10:48	07/17/25 07:45	1
1,2-Dibromo-3-Chloropropane	ND		46	23	ug/Kg	✱	07/16/25 10:48	07/17/25 07:45	1
1,2-Dichlorobenzene	ND		46	12	ug/Kg	✱	07/16/25 10:48	07/17/25 07:45	1
1,2-Dichloroethane	ND		46	19	ug/Kg	✱	07/16/25 10:48	07/17/25 07:45	1
1,2-Dichloropropane	ND		46	7.5	ug/Kg	✱	07/16/25 10:48	07/17/25 07:45	1
1,3-Dichlorobenzene	ND		46	12	ug/Kg	✱	07/16/25 10:48	07/17/25 07:45	1
1,4-Dichlorobenzene	ND		46	6.5	ug/Kg	✱	07/16/25 10:48	07/17/25 07:45	1
2-Butanone (MEK)	ND		230	140	ug/Kg	✱	07/16/25 10:48	07/17/25 07:45	1
2-Hexanone	ND		230	95	ug/Kg	✱	07/16/25 10:48	07/17/25 07:45	1
4-Methyl-2-pentanone (MIBK)	ND		230	15	ug/Kg	✱	07/16/25 10:48	07/17/25 07:45	1
Acetone	ND		230	190	ug/Kg	✱	07/16/25 10:48	07/17/25 07:45	1
Benzene	ND		46	8.8	ug/Kg	✱	07/16/25 10:48	07/17/25 07:45	1
Bromoform	ND		46	23	ug/Kg	✱	07/16/25 10:48	07/17/25 07:45	1
Bromomethane	ND		46	10	ug/Kg	✱	07/16/25 10:48	07/17/25 07:45	1
Carbon disulfide	ND		46	21	ug/Kg	✱	07/16/25 10:48	07/17/25 07:45	1
Carbon tetrachloride	ND		46	12	ug/Kg	✱	07/16/25 10:48	07/17/25 07:45	1
Chlorobenzene	ND		46	6.1	ug/Kg	✱	07/16/25 10:48	07/17/25 07:45	1
Dibromochloromethane	ND		46	22	ug/Kg	✱	07/16/25 10:48	07/17/25 07:45	1
Chloroethane	ND		46	9.7	ug/Kg	✱	07/16/25 10:48	07/17/25 07:45	1
Chloroform	ND		46	32	ug/Kg	✱	07/16/25 10:48	07/17/25 07:45	1
Chloromethane	ND		46	11	ug/Kg	✱	07/16/25 10:48	07/17/25 07:45	1
cis-1,2-Dichloroethene	ND		46	13	ug/Kg	✱	07/16/25 10:48	07/17/25 07:45	1
Cyclohexane	ND		46	10	ug/Kg	✱	07/16/25 10:48	07/17/25 07:45	1
Bromodichloromethane	ND		46	9.3	ug/Kg	✱	07/16/25 10:48	07/17/25 07:45	1
Dichlorodifluoromethane	ND		46	20	ug/Kg	✱	07/16/25 10:48	07/17/25 07:45	1
Ethylbenzene	ND		46	14	ug/Kg	✱	07/16/25 10:48	07/17/25 07:45	1
1,2-Dibromoethane	ND		46	8.1	ug/Kg	✱	07/16/25 10:48	07/17/25 07:45	1
Isopropylbenzene	ND		46	7.0	ug/Kg	✱	07/16/25 10:48	07/17/25 07:45	1
Methyl acetate	ND		230	22	ug/Kg	✱	07/16/25 10:48	07/17/25 07:45	1
Methyl tert-butyl ether	ND		46	18	ug/Kg	✱	07/16/25 10:48	07/17/25 07:45	1
Methylcyclohexane	ND		46	22	ug/Kg	✱	07/16/25 10:48	07/17/25 07:45	1
Methylene Chloride	ND		46	9.2	ug/Kg	✱	07/16/25 10:48	07/17/25 07:45	1
Tetrachloroethene	ND		46	6.2	ug/Kg	✱	07/16/25 10:48	07/17/25 07:45	1
Toluene	ND		46	12	ug/Kg	✱	07/16/25 10:48	07/17/25 07:45	1
trans-1,2-Dichloroethene	ND		46	11	ug/Kg	✱	07/16/25 10:48	07/17/25 07:45	1
trans-1,3-Dichloropropene	ND		46	4.6	ug/Kg	✱	07/16/25 10:48	07/17/25 07:45	1
Trichloroethene	ND		46	13	ug/Kg	✱	07/16/25 10:48	07/17/25 07:45	1
Trichlorofluoromethane	ND		46	22	ug/Kg	✱	07/16/25 10:48	07/17/25 07:45	1
Vinyl chloride	ND		46	16	ug/Kg	✱	07/16/25 10:48	07/17/25 07:45	1
Xylenes, Total	ND		93	26	ug/Kg	✱	07/16/25 10:48	07/17/25 07:45	1
cis-1,3-Dichloropropene	ND		46	11	ug/Kg	✱	07/16/25 10:48	07/17/25 07:45	1
Styrene	ND		46	11	ug/Kg	✱	07/16/25 10:48	07/17/25 07:45	1

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Client Sample Results

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Client Sample ID: SB2-9'-10'

Lab Sample ID: 480-231006-14

Date Collected: 07/09/25 14:00

Matrix: Solid

Date Received: 07/10/25 14:30

Percent Solids: 90.9

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		53 - 146	07/16/25 10:48	07/17/25 07:45	1
4-Bromofluorobenzene (Surr)	88		49 - 148	07/16/25 10:48	07/17/25 07:45	1
Toluene-d8 (Surr)	102		50 - 149	07/16/25 10:48	07/17/25 07:45	1
Dibromofluoromethane (Surr)	82		60 - 140	07/16/25 10:48	07/17/25 07:45	1

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		180	34	ug/Kg	☆	07/12/25 07:49	07/18/25 17:06	1
bis (2-chloroisopropyl) ether	ND		180	37	ug/Kg	☆	07/12/25 07:49	07/18/25 17:06	1
2,4,5-Trichlorophenol	ND		180	36	ug/Kg	☆	07/12/25 07:49	07/18/25 17:06	1
2,4,6-Trichlorophenol	ND		180	27	ug/Kg	☆	07/12/25 07:49	07/18/25 17:06	1
2,4-Dichlorophenol	ND		180	35	ug/Kg	☆	07/12/25 07:49	07/18/25 17:06	1
2,4-Dimethylphenol	ND		180	38	ug/Kg	☆	07/12/25 07:49	07/18/25 17:06	1
2,4-Dinitrophenol	ND		1800	34	ug/Kg	☆	07/12/25 07:49	07/18/25 17:06	1
2,4-Dinitrotoluene	ND		180	24	ug/Kg	☆	07/12/25 07:49	07/18/25 17:06	1
2,6-Dinitrotoluene	ND		180	26	ug/Kg	☆	07/12/25 07:49	07/18/25 17:06	1
2-Chloronaphthalene	ND		180	34	ug/Kg	☆	07/12/25 07:49	07/18/25 17:06	1
2-Chlorophenol	ND		180	28	ug/Kg	☆	07/12/25 07:49	07/18/25 17:06	1
2-Methylnaphthalene	ND		180	28	ug/Kg	☆	07/12/25 07:49	07/18/25 17:06	1
2-Methylphenol	ND		180	29	ug/Kg	☆	07/12/25 07:49	07/18/25 17:06	1
2-Nitroaniline	ND		350	31	ug/Kg	☆	07/12/25 07:49	07/18/25 17:06	1
2-Nitrophenol	ND		180	20	ug/Kg	☆	07/12/25 07:49	07/18/25 17:06	1
3,3'-Dichlorobenzidine	ND		350	53	ug/Kg	☆	07/12/25 07:49	07/18/25 17:06	1
3-Nitroaniline	ND		350	25	ug/Kg	☆	07/12/25 07:49	07/18/25 17:06	1
4,6-Dinitro-2-methylphenol	ND		350	39	ug/Kg	☆	07/12/25 07:49	07/18/25 17:06	1
4-Bromophenyl phenyl ether	ND		180	31	ug/Kg	☆	07/12/25 07:49	07/18/25 17:06	1
4-Chloro-3-methylphenol	ND		180	37	ug/Kg	☆	07/12/25 07:49	07/18/25 17:06	1
4-Chloroaniline	ND		180	26	ug/Kg	☆	07/12/25 07:49	07/18/25 17:06	1
4-Chlorophenyl phenyl ether	ND		180	38	ug/Kg	☆	07/12/25 07:49	07/18/25 17:06	1
4-Methylphenol	ND		350	32	ug/Kg	☆	07/12/25 07:49	07/18/25 17:06	1
4-Nitroaniline	ND		350	26	ug/Kg	☆	07/12/25 07:49	07/18/25 17:06	1
4-Nitrophenol	ND		350	49	ug/Kg	☆	07/12/25 07:49	07/18/25 17:06	1
Acenaphthene	ND		180	33	ug/Kg	☆	07/12/25 07:49	07/18/25 17:06	1
Acenaphthylene	ND		180	35	ug/Kg	☆	07/12/25 07:49	07/18/25 17:06	1
Acetophenone	ND		180	32	ug/Kg	☆	07/12/25 07:49	07/18/25 17:06	1
Anthracene	ND		180	33	ug/Kg	☆	07/12/25 07:49	07/18/25 17:06	1
Atrazine	ND		180	61	ug/Kg	☆	07/12/25 07:49	07/18/25 17:06	1
Benzaldehyde	ND		180	140	ug/Kg	☆	07/12/25 07:49	07/18/25 17:06	1
Benzo[a]anthracene	ND		180	25	ug/Kg	☆	07/12/25 07:49	07/18/25 17:06	1
Benzo[a]pyrene	ND		180	31	ug/Kg	☆	07/12/25 07:49	07/18/25 17:06	1
Benzo[b]fluoranthene	ND		180	24	ug/Kg	☆	07/12/25 07:49	07/18/25 17:06	1
Benzo[g,h,i]perylene	ND		180	31	ug/Kg	☆	07/12/25 07:49	07/18/25 17:06	1
Benzo[k]fluoranthene	ND		180	40	ug/Kg	☆	07/12/25 07:49	07/18/25 17:06	1
Bis(2-chloroethoxy)methane	ND		180	34	ug/Kg	☆	07/12/25 07:49	07/18/25 17:06	1
Bis(2-chloroethyl)ether	ND		180	34	ug/Kg	☆	07/12/25 07:49	07/18/25 17:06	1
Bis(2-ethylhexyl) phthalate	ND		180	39	ug/Kg	☆	07/12/25 07:49	07/18/25 17:06	1
Butyl benzyl phthalate	ND		180	33	ug/Kg	☆	07/12/25 07:49	07/18/25 17:06	1
Caprolactam	ND		180	42	ug/Kg	☆	07/12/25 07:49	07/18/25 17:06	1
Carbazole	ND		180	35	ug/Kg	☆	07/12/25 07:49	07/18/25 17:06	1
Chrysene	ND		180	43	ug/Kg	☆	07/12/25 07:49	07/18/25 17:06	1

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Client Sample Results

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Client Sample ID: SB2-9'-10'

Lab Sample ID: 480-231006-14

Date Collected: 07/09/25 14:00

Matrix: Solid

Date Received: 07/10/25 14:30

Percent Solids: 90.9

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		180	36	ug/Kg	✱	07/12/25 07:49	07/18/25 17:06	1
Dibenzofuran	ND		180	32	ug/Kg	✱	07/12/25 07:49	07/18/25 17:06	1
Diethyl phthalate	ND		180	32	ug/Kg	✱	07/12/25 07:49	07/18/25 17:06	1
Dimethyl phthalate	ND		180	35	ug/Kg	✱	07/12/25 07:49	07/18/25 17:06	1
Di-n-butyl phthalate	ND		180	40	ug/Kg	✱	07/12/25 07:49	07/18/25 17:06	1
Di-n-octyl phthalate	ND		180	34	ug/Kg	✱	07/12/25 07:49	07/18/25 17:06	1
Fluoranthene	ND		180	33	ug/Kg	✱	07/12/25 07:49	07/18/25 17:06	1
Fluorene	ND		180	33	ug/Kg	✱	07/12/25 07:49	07/18/25 17:06	1
Hexachlorobenzene	ND		180	35	ug/Kg	✱	07/12/25 07:49	07/18/25 17:06	1
Hexachlorobutadiene	ND		180	27	ug/Kg	✱	07/12/25 07:49	07/18/25 17:06	1
Hexachlorocyclopentadiene	ND		350	79	ug/Kg	✱	07/12/25 07:49	07/18/25 17:06	1
Hexachloroethane	ND		180	33	ug/Kg	✱	07/12/25 07:49	07/18/25 17:06	1
Indeno[1,2,3-cd]pyrene	ND		180	27	ug/Kg	✱	07/12/25 07:49	07/18/25 17:06	1
Isophorone	ND		180	37	ug/Kg	✱	07/12/25 07:49	07/18/25 17:06	1
Naphthalene	ND		180	30	ug/Kg	✱	07/12/25 07:49	07/18/25 17:06	1
Nitrobenzene	ND		180	30	ug/Kg	✱	07/12/25 07:49	07/18/25 17:06	1
N-Nitrosodi-n-propylamine	ND		180	40	ug/Kg	✱	07/12/25 07:49	07/18/25 17:06	1
N-Nitrosodiphenylamine	ND		180	30	ug/Kg	✱	07/12/25 07:49	07/18/25 17:06	1
Pentachlorophenol	ND		350	57	ug/Kg	✱	07/12/25 07:49	07/18/25 17:06	1
Phenanthrene	ND		180	34	ug/Kg	✱	07/12/25 07:49	07/18/25 17:06	1
Phenol	ND		180	33	ug/Kg	✱	07/12/25 07:49	07/18/25 17:06	1
Pyrene	36	J	180	34	ug/Kg	✱	07/12/25 07:49	07/18/25 17:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	78		22 - 120	07/12/25 07:49	07/18/25 17:06	1
p-Terphenyl-d14 (Surr)	91		28 - 124	07/12/25 07:49	07/18/25 17:06	1
Phenol-d5 (Surr)	84		23 - 120	07/12/25 07:49	07/18/25 17:06	1
2-Fluorophenol (Surr)	83		18 - 120	07/12/25 07:49	07/18/25 17:06	1
2,4,6-Tribromophenol (Surr)	84		10 - 140	07/12/25 07:49	07/18/25 17:06	1
2-Fluorobiphenyl (Surr)	80		29 - 120	07/12/25 07:49	07/18/25 17:06	1

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		3.5	0.68	ug/Kg	✱	07/15/25 06:52	07/18/25 13:53	1
4,4'-DDE	ND		3.5	0.74	ug/Kg	✱	07/15/25 06:52	07/18/25 13:53	1
4,4'-DDT	1.4	J	3.5	0.82	ug/Kg	✱	07/15/25 06:52	07/18/25 13:53	1
Aldrin	ND		3.5	0.87	ug/Kg	✱	07/15/25 06:52	07/18/25 13:53	1
alpha-BHC	ND		3.5	0.63	ug/Kg	✱	07/15/25 06:52	07/18/25 13:53	1
cis-Chlordane	ND		3.5	1.8	ug/Kg	✱	07/15/25 06:52	07/18/25 13:53	1
beta-BHC	ND		3.5	0.63	ug/Kg	✱	07/15/25 06:52	07/18/25 13:53	1
delta-BHC	ND		3.5	0.65	ug/Kg	✱	07/15/25 06:52	07/18/25 13:53	1
Dieldrin	ND		3.5	0.84	ug/Kg	✱	07/15/25 06:52	07/18/25 13:53	1
Endosulfan I	ND		3.5	0.68	ug/Kg	✱	07/15/25 06:52	07/18/25 13:53	1
Endosulfan II	ND		3.5	0.63	ug/Kg	✱	07/15/25 06:52	07/18/25 13:53	1
Endosulfan sulfate	ND		3.5	0.66	ug/Kg	✱	07/15/25 06:52	07/18/25 13:53	1
Endrin	ND		3.5	0.70	ug/Kg	✱	07/15/25 06:52	07/18/25 13:53	1
Endrin aldehyde	ND		3.5	0.90	ug/Kg	✱	07/15/25 06:52	07/18/25 13:53	1
Endrin ketone	ND		3.5	0.87	ug/Kg	✱	07/15/25 06:52	07/18/25 13:53	1
gamma-BHC (Lindane)	ND		3.5	0.65	ug/Kg	✱	07/15/25 06:52	07/18/25 13:53	1
trans-Chlordane	ND		3.5	1.1	ug/Kg	✱	07/15/25 06:52	07/18/25 13:53	1

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Client Sample Results

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Client Sample ID: SB2-9'-10'

Lab Sample ID: 480-231006-14

Date Collected: 07/09/25 14:00

Matrix: Solid

Date Received: 07/10/25 14:30

Percent Solids: 90.9

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor	ND		3.5	0.76	ug/Kg	☆	07/15/25 06:52	07/18/25 13:53	1
Heptachlor epoxide	ND		3.5	0.91	ug/Kg	☆	07/15/25 06:52	07/18/25 13:53	1
Methoxychlor	1.2	J	3.5	0.72	ug/Kg	☆	07/15/25 06:52	07/18/25 13:53	1
Toxaphene	ND		35	20	ug/Kg	☆	07/15/25 06:52	07/18/25 13:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	70		45 - 120	07/15/25 06:52	07/18/25 13:53	1
DCB Decachlorobiphenyl	93		45 - 120	07/15/25 06:52	07/18/25 13:53	1
Tetrachloro-m-xylene	80		30 - 124	07/15/25 06:52	07/18/25 13:53	1
Tetrachloro-m-xylene	72		30 - 124	07/15/25 06:52	07/18/25 13:53	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.019	0.0058	mg/Kg	☆	07/21/25 17:00	07/22/25 14:52	1
PCB-1221	ND		0.019	0.0058	mg/Kg	☆	07/21/25 17:00	07/22/25 14:52	1
PCB-1232	ND		0.019	0.0058	mg/Kg	☆	07/21/25 17:00	07/22/25 14:52	1
PCB-1242	ND		0.019	0.0058	mg/Kg	☆	07/21/25 17:00	07/22/25 14:52	1
PCB-1248	ND		0.019	0.0058	mg/Kg	☆	07/21/25 17:00	07/22/25 14:52	1
PCB-1254	ND		0.019	0.0070	mg/Kg	☆	07/21/25 17:00	07/22/25 14:52	1
PCB-1260	ND		0.019	0.0070	mg/Kg	☆	07/21/25 17:00	07/22/25 14:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	87		68 - 130	07/21/25 17:00	07/22/25 14:52	1
Tetrachloro-m-xylene	61	S1-	68 - 130	07/21/25 17:00	07/22/25 14:52	1
DCB Decachlorobiphenyl (Surr)	82		66 - 130	07/21/25 17:00	07/22/25 14:52	1
DCB Decachlorobiphenyl (Surr)	67		66 - 130	07/21/25 17:00	07/22/25 14:52	1

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	ND		18	5.9	ug/Kg	☆	07/19/25 05:38	07/24/25 03:53	1
Silvex (2,4,5-TP)	ND		18	6.6	ug/Kg	☆	07/19/25 05:38	07/24/25 03:53	1
2,4-D	ND		18	12	ug/Kg	☆	07/19/25 05:38	07/24/25 03:53	1
Dichlorprop	ND		18	9.1	ug/Kg	☆	07/19/25 05:38	07/24/25 03:53	1
Pentachlorophenol	ND		18	6.0	ug/Kg	☆	07/19/25 05:38	07/24/25 03:53	1
Picloram	ND		18	7.9	ug/Kg	☆	07/19/25 05:38	07/24/25 03:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	89		28 - 129	07/19/25 05:38	07/24/25 03:53	1
2,4-Dichlorophenylacetic acid	82		28 - 129	07/19/25 05:38	07/24/25 03:53	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	27400		11.2	9.6	mg/Kg	☆	07/17/25 08:43	07/18/25 12:42	1
Antimony	ND		16.8	0.59	mg/Kg	☆	07/17/25 08:43	07/18/25 12:42	1
Arsenic	ND		2.2	0.98	mg/Kg	☆	07/17/25 08:43	07/18/25 12:42	1
Barium	232		0.56	0.16	mg/Kg	☆	07/17/25 08:43	07/18/25 12:42	1
Beryllium	0.86		0.22	0.045	mg/Kg	☆	07/17/25 08:43	07/18/25 12:42	1
Cadmium	ND		0.22	0.078	mg/Kg	☆	07/17/25 08:43	07/18/25 12:42	1
Calcium	1880		56.0	30.2	mg/Kg	☆	07/17/25 08:43	07/18/25 12:42	1
Chromium	40.6		0.56	0.40	mg/Kg	☆	07/17/25 08:43	07/18/25 12:42	1
Cobalt	21.1		0.56	0.11	mg/Kg	☆	07/17/25 08:43	07/18/25 12:42	1

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Client Sample Results

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Client Sample ID: SB2-9'-10'

Lab Sample ID: 480-231006-14

Date Collected: 07/09/25 14:00

Matrix: Solid

Date Received: 07/10/25 14:30

Percent Solids: 90.9

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	47.1		1.1	0.64	mg/Kg	⚡	07/17/25 08:43	07/18/25 12:42	1
Iron	36200		11.2	9.5	mg/Kg	⚡	07/17/25 08:43	07/18/25 12:42	1
Lead	6.4		1.1	0.51	mg/Kg	⚡	07/17/25 08:43	07/18/25 12:42	1
Magnesium	9030		22.4	9.5	mg/Kg	⚡	07/17/25 08:43	07/18/25 12:42	1
Manganese	558		1.1	0.31	mg/Kg	⚡	07/17/25 08:43	07/18/25 12:42	1
Nickel	34.9		5.6	0.28	mg/Kg	⚡	07/17/25 08:43	07/18/25 12:42	1
Potassium	8800		33.6	27.1	mg/Kg	⚡	07/17/25 08:43	07/18/25 12:42	1
Selenium	ND		4.5	0.90	mg/Kg	⚡	07/17/25 08:43	07/18/25 12:42	1
Silver	0.24	J ^5-	0.67	0.22	mg/Kg	⚡	07/17/25 08:43	07/18/25 12:42	1
Sodium	843		157	68.6	mg/Kg	⚡	07/17/25 08:43	07/18/25 12:42	1
Thallium	ND		6.7	0.85	mg/Kg	⚡	07/17/25 08:43	07/18/25 12:42	1
Vanadium	84.9		0.56	0.15	mg/Kg	⚡	07/17/25 08:43	07/18/25 12:42	1
Zinc	74.7	^5-	2.2	1.1	mg/Kg	⚡	07/17/25 08:43	07/18/25 12:42	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.022	0.0051	mg/Kg	⚡	07/14/25 10:43	07/14/25 13:45	1

Surrogate Summary

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (53-146)	BFB (49-148)	TOL (50-149)	DBFM (60-140)
480-231006-1	SB1-12"-18"	105	87	101	84
480-231006-4	SB1-7'-8'	102	89	101	79
480-231006-4 MS	SB1-7'-8'	102	87	101	88
480-231006-4 MSD	SB1-7'-8'	105	89	105	92
480-231006-5	SB1-5'-8'	104	88	101	81
480-231006-9	SB2-4'	106	85	98	83
480-231006-10	SB2-4' DUP	108	90	102	85
480-231006-14	SB2-9'-10'	104	88	102	82
LCS 480-751902/2-A	Lab Control Sample	108	92	102	94
MB 480-751902/1-A	Method Blank	105	89	100	89

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		NBZ (22-120)	TPHd14 (28-124)	PHL (23-120)	2FP (18-120)	TBP (10-140)	FBP (29-120)
480-231006-3	SB1-12'-48"	57	87	79	83	82	83
480-231006-5	SB1-5'-8'	63	87	71	70	85	74
480-231006-12	SB2-12"-5'	70	80	67	66	34	74
480-231006-14	SB2-9'-10'	78	91	84	83	84	80
LCS 480-751553/2-A	Lab Control Sample	77	98	71	71	119	99
MB 480-751553/1-A	Method Blank	76	92	77	74	89	102

Surrogate Legend

NBZ = Nitrobenzene-d5 (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)
PHL = Phenol-d5 (Surr)
2FP = 2-Fluorophenol (Surr)
TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl (Surr)

Method: 8081B - Organochlorine Pesticides (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCBP1 (45-120)	DCBP2 (45-120)	TCX1 (30-124)	TCX2 (30-124)
480-231006-3	SB1-12'-48"	114	216 S1+	0 S1-	0 S1-
480-231006-3 MS	SB1-12'-48"	193 S1+	410 S1+	106	102
480-231006-3 MSD	SB1-12'-48"	151 S1+	255 S1+	0 S1-	0 S1-
480-231006-5	SB1-5'-8'	153 S1+	272 S1+	0 S1-	0 S1-
480-231006-12	SB2-12"-5'	107	347 S1+	0 S1-	0 S1-
480-231006-14	SB2-9'-10'	70	93	80	72
LCS 480-751725/2-A	Lab Control Sample	88	93	75	74

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Surrogate Summary

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	DCBP1 (45-120)	DCBP2 (45-120)	TCX1 (30-124)	TCX2 (30-124)
MB 480-751725/1-A	Method Blank	77	83	70	70
Surrogate Legend					
DCBP = DCB Decachlorobiphenyl					
TCX = Tetrachloro-m-xylene					

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	TCX1 (68-130)	TCX2 (68-130)	DCB1 (66-130)	DCB2 (66-130)
480-231006-3	SB1-12'-48"	90	55 S1- p	74	60 S1-
480-231006-3 MS	SB1-12'-48"	96	57 S1- p	72	68
480-231006-3 MSD	SB1-12'-48"	91	55 S1- p	76	65 S1-
480-231006-5	SB1-5'-8'	81	55 S1-	75	68
480-231006-12	SB2-12"-5'	82	44 S1- p	74	61 S1-
480-231006-14	SB2-9'-10'	87	61 S1-	82	67
LCS 410-674180/2-A	Lab Control Sample	92	88	96	107
MB 410-674180/1-A	Method Blank	93	88	93	101
Surrogate Legend					
TCX = Tetrachloro-m-xylene					
DCB = DCB Decachlorobiphenyl (Surr)					

Method: 8151A - Herbicides (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	DCPAA1 (28-129)	DCPAA2 (28-129)
480-231006-3	SB1-12'-48"	45	40
480-231006-5	SB1-5'-8'	94	87
480-231006-12	SB2-12"-5'	69	52
480-231006-14	SB2-9'-10'	89	82
LCS 480-752177/2-A	Lab Control Sample	86	74
MB 480-752177/1-A	Method Blank	64	59
Surrogate Legend			
DCPAA = 2,4-Dichlorophenylacetic acid			

Isotope Dilution Summary

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Matrix: Solid

Prep Type: Total/NA

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	PFBA (8-130)	PFPeA (35-130)	13C5PHA (40-130)	C4PFHA (40-130)	C8PFOA (40-130)	C9PFNA (40-130)	C6PFDA (40-130)	13C7PUA (40-130)
480-231006-1	SB1-12"-18"	115	112	111	101	119	107	101	103
480-231006-2	SB1-18"-30"	82.8	99.4	94.4	92.5	92.3	91.0	82.3	84.6
480-231006-3	SB1-12"-48"	109	113	108	109	111	99.5	95.1	105
480-231006-4	SB1-7'-8'	79.0	89.8	81.5	82.3	75.7	76.6	72.6	76.4
480-231006-4 MS	SB1-7'-8'	76.9	85.2	82.8	78.7	75.2	77.7	79.5	83.6
480-231006-4 MSD	SB1-7'-8'	83.3	93.5	91.9	89.1	87.9	87.4	83.1	77.9
480-231006-5	SB1-5'-8'	110	119	112	106	112	100	106	111
480-231006-7	SB2-12"-18"	79.4	82.5	82.7	75.5	86.0	76.0	67.9	84.3
480-231006-8	SB2-12"-18" DUP	83.3	94.4	90.6	88.0	88.2	99.5	90.2	94.5
480-231006-11	SB2-24"-36"	84.2	95.5	91.5	91.0	85.8	86.3	87.0	90.5
480-231006-12	SB2-12"-5'	127	124	122	116	112	101	78.0	59.7
480-231006-13	SB2-9'-10'	85.7	93.7	91.4	87.7	93.1	91.3	86.2	88.0
LCS 410-673310/2-A	Lab Control Sample	111	117	108	97.3	107	106	97.2	106
LCS 410-674050/2-A	Lab Control Sample	84.4	96.4	91.0	83.5	82.6	94.0	81.0	90.7
LLCS 410-673310/3-A	Lab Control Sample	115	123	122	113	116	109	110	117
LLCS 410-674050/3-A	Lab Control Sample	57.3	63.6	56.5	54.9	52.2	55.3	56.5	70.8
MB 410-673310/1-A	Method Blank	111	111	106	103	109	108	107	110
MB 410-674050/1-A	Method Blank	65.6	67.4	63.0	55.2	58.3	66.5	63.6	77.2
		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	PFTDA (20-130)	C3PFBS (40-135)	C3PFHS (40-130)	C8PFOS (40-130)	PFOSA (40-130)	d3NMFOS (40-135)	d5NEFOS (40-150)	M242FTS (40-165)
480-231006-1	SB1-12"-18"	107	98.6	93.8	91.4	83.5	92.6	89.7	106
480-231006-2	SB1-18"-30"	59.7	86.1	83.1	76.8	69.0	78.3	69.5	83.1
480-231006-3	SB1-12"-48"	98.4	101	92.6	83.5	85.5	95.2	93.6	104
480-231006-4	SB1-7'-8'	48.6	79.3	75.5	69.3	68.4	73.0	66.9	77.2
480-231006-4 MS	SB1-7'-8'	68.4	76.1	76.7	77.8	67.1	78.0	73.7	74.9
480-231006-4 MSD	SB1-7'-8'	69.7	84.8	83.4	77.9	77.3	85.7	80.8	84.6
480-231006-5	SB1-5'-8'	90.5	104	101	100	95.5	97.6	97.3	106
480-231006-7	SB2-12"-18"	55.0	74.9	73.3	71.9	65.6	72.9	70.9	71.9
480-231006-8	SB2-12"-18" DUP	76.5	78.2	81.9	79.8	78.2	92.2	88.3	74.6
480-231006-11	SB2-24"-36"	70.4	79.8	81.0	80.6	76.4	93.4	91.5	79.8
480-231006-12	SB2-12"-5'	71.3	107	80.8	40.9	88.2	80.1	68.5	123
480-231006-13	SB2-9'-10'	66.2	81.5	83.7	83.4	82.9	94.9	90.1	80.2
LCS 410-673310/2-A	Lab Control Sample	104	102	101	102	98.0	109	104	118
LCS 410-674050/2-A	Lab Control Sample	74.8	90.8	85.9	85.0	79.0	86.2	83.7	88.6
LLCS 410-673310/3-A	Lab Control Sample	104	114	111	111	99.0	106	93.8	120
LLCS 410-674050/3-A	Lab Control Sample	59.7	53.8	56.1	60.5	50.7	64.3	61.7	54.3
MB 410-673310/1-A	Method Blank	107	109	108	105	98.5	112	111	126
MB 410-674050/1-A	Method Blank	69.9	60.7	66.1	69.9	58.5	69.7	73.4	59.9
		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	M262FTS (40-215)	M282FTS (40-275)	HFPODA (40-130)	NMFM (20-130)	NEFM (15-130)	d5NPFSA (10-130)	d3NMFSA (10-130)	PFDaA (40-130)
480-231006-1	SB1-12"-18"	103	94.8	99.1	68.5	60.7	85.8	80.4	106
480-231006-2	SB1-18"-30"	81.1	75.0	87.1	26.1	19.5	59.8	64.8	66.5
480-231006-3	SB1-12"-48"	100	93.6	102	60.4	58.0	81.3	76.6	95.2
480-231006-4	SB1-7'-8'	74.4	67.4	77.7	37.7	35.3	56.8	63.0	65.3
480-231006-4 MS	SB1-7'-8'	73.5	72.6	79.3	36.1	31.3	54.7	63.7	79.6
480-231006-4 MSD	SB1-7'-8'	83.3	75.0	86.9	49.3	41.3	60.1	73.9	74.1
480-231006-5	SB1-5'-8'	107	97.8	107	54.3	48.7	81.8	84.0	102

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Isotope Dilution Summary

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Isotope Dilution Recovery (Acceptance Limits)							
		M262FTS (40-215)	M282FTS (40-275)	HFPODA (40-130)	NMFM (20-130)	NEFM (15-130)	d5NPFSA (10-130)	d3NMFSA (10-130)	PFDaA (40-130)
480-231006-7	SB2-12"-18"	70.4	65.2	82.0	42.3	40.8	53.0	60.1	72.5
480-231006-8	SB2-12"-18" DUP	76.7	76.0	88.6	47.4	45.4	68.4	70.0	79.2
480-231006-11	SB2-24"-36"	79.1	75.3	89.9	50.4	43.7	64.0	70.0	79.2
480-231006-12	SB2-12"-5'	108	83.2	113	66.8	62.4	64.2	65.9	56.4
480-231006-13	SB2-9'-10'	80.6	77.4	87.0	37.1	32.8	76.1	78.3	79.3
LCS 410-673310/2-A	Lab Control Sample	118	110	101	73.5	64.1	79.4	75.8	94.1
LCS 410-674050/2-A	Lab Control Sample	88.1	83.4	86.2	44.0	39.9	56.4	62.4	80.8
LLCS 410-673310/3-A	Lab Control Sample	124	117	119	69.6	59.2	70.1	70.4	116
LLCS 410-674050/3-A	Lab Control Sample	52.9	54.7	55.6	46.0	42.0	46.3	47.0	62.0
MB 410-673310/1-A	Method Blank	128	120	105	72.4	61.0	84.7	85.9	109
MB 410-674050/1-A	Method Blank	60.0	62.7	60.5	36.2	38.0	53.6	49.0	79.0

Surrogate Legend

PFBA = 13C4 PFBA
PFPeA = 13C5 PFPeA
13C5PHA = 13C5 PFHxA
C4PFHA = 13C4 PFHpA
C8PFOA = 13C8 PFOA
C9PFNA = 13C9 PFNA
C6PFDA = 13C6 PFDA
13C7PUA = 13C7 PFUnA
PFTDA = 13C2 PFTeDA
C3PFBS = 13C3 PFBS
C3PFHS = 13C3 PFHxS
C8PFOS = 13C8 PFOS
PFOSA = 13C8 FOSA
d3NMFOA = d3-NMeFOA
d5NEFOA = d5-NEtFOA
M242FTS = 13C2 4:2 FTS
M262FTS = 13C2 6:2 FTS
M282FTS = 13C2 8:2 FTS
HFPODA = 13C3 HFPO-DA
NMFM = d7-N-MeFOSE-M
NEFM = d9-N-EtFOSE-M
d5NPFSA = d5-NEtPFOSA
d3NMFSA = d3-NMePFOSA
PFDaA = 13C2 PFDaA

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Isotope Dilution Recovery (Acceptance Limits)							
		PFBA (5-130)	PFPeA (40-130)	13C5PHA (40-130)	C4PFHA (40-130)	C8PFOA (40-130)	C9PFNA (40-130)	C6PFDA (40-130)	13C7PUA (30-130)
480-231006-6	RINSATE	104	103	98.4	96.0	104	105	94.7	91.4
LCS 410-671022/5-A	Lab Control Sample	121	134 *5+	118	114	109	99.6	98.7	122
LCSD 410-671022/6-A	Lab Control Sample Dup	115	125	115	111	111	107	96.0	130
LLCS 410-671022/7-A	Lab Control Sample	120	137 *5+	124	130	113	112	111	116
MB 410-671022/4-A	Method Blank	102	109	96.0	95.6	103	108	97.5	97.4

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Isotope Dilution Summary

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Matrix: Water

Prep Type: Total/NA

Percent Isotope Dilution Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	PFTDA (10-130)	C3PFBS (40-135)	C3PFHS (40-130)	C8PFOS (40-130)	PFOSA (40-130)	d3NMFOS (40-170)	d5NEFOS (25-135)	M242FTS (40-200)
480-231006-6	RINSATE	82.7	116	111	108	95.9	85.0	85.9	108
LCS 410-671022/5-A	Lab Control Sample	109	108	103	94.4	94.6	91.8	91.4	111
LCSD 410-671022/6-A	Lab Control Sample Dup	114	108	104	103	93.2	98.4	96.1	109
LLCS 410-671022/7-A	Lab Control Sample	119	122	117	116	102	107	106	118
MB 410-671022/4-A	Method Blank	91.1	110	106	117	111	94.1	94.1	106

Percent Isotope Dilution Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	M262FTS (40-200)	M282FTS (40-300)	HFPODA (40-130)	NMFM (10-130)	NEFM (10-130)	d5NPFSA (10-130)	d3NMFSA (10-130)	PFDaA (10-130)
480-231006-6	RINSATE	105	106	100	72.9	67.9	82.8	71.2	78.6
LCS 410-671022/5-A	Lab Control Sample	105	102	117	79.6	72.1	76.3	71.7	113
LCSD 410-671022/6-A	Lab Control Sample Dup	104	98.5	109	75.6	71.6	77.1	72.2	113
LLCS 410-671022/7-A	Lab Control Sample	115	111	125	84.2	73.4	83.7	75.5	119
MB 410-671022/4-A	Method Blank	104	99.7	86.5	85.7	79.7	92.0	83.6	81.9

Surrogate Legend

PFBA = 13C4 PFBA
PFPeA = 13C5 PFPeA
13C5PHA = 13C5 PFHxA
C4PFHA = 13C4 PFHpA
C8PFOA = 13C8 PFOA
C9PFNA = 13C9 PFNA
C6PFDA = 13C6 PFDA
13C7PUA = 13C7 PFUnA
PFTDA = 13C2 PFTeDA
C3PFBS = 13C3 PFBS
C3PFHS = 13C3 PFHxS
C8PFOS = 13C8 PFOS
PFOSA = 13C8 FOSA
d3NMFOS = d3-NMeFOSAA
d5NEFOS = d5-NEtFOSAA
M242FTS = 13C2 4:2 FTS
M262FTS = 13C2 6:2 FTS
M282FTS = 13C2 8:2 FTS
HFPODA = 13C3 HFPO-DA
NMFM = d7-N-MeFOSE-M
NEFM = d9-N-EtFOSE-M
d5NPFSA = d5-NEtPFOSA
d3NMFSA = d3-NMePFOSA
PFDaA = 13C2 PFDaA

QC Sample Results

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 480-751902/1-A

Matrix: Solid

Analysis Batch: 751892

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 751902

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		100	28	ug/Kg		07/16/25 10:48	07/16/25 14:03	1
1,1,2,2-Tetrachloroethane	ND		100	16	ug/Kg		07/16/25 10:48	07/16/25 14:03	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		100	50	ug/Kg		07/16/25 10:48	07/16/25 14:03	1
1,1,2-Trichloroethane	ND		100	21	ug/Kg		07/16/25 10:48	07/16/25 14:03	1
1,1-Dichloroethane	ND		100	31	ug/Kg		07/16/25 10:48	07/16/25 14:03	1
1,1-Dichloroethene	ND		100	35	ug/Kg		07/16/25 10:48	07/16/25 14:03	1
1,2,4-Trichlorobenzene	ND		100	38	ug/Kg		07/16/25 10:48	07/16/25 14:03	1
1,2-Dibromo-3-Chloropropane	ND		100	50	ug/Kg		07/16/25 10:48	07/16/25 14:03	1
1,2-Dichlorobenzene	ND		100	26	ug/Kg		07/16/25 10:48	07/16/25 14:03	1
1,2-Dichloroethane	ND		100	41	ug/Kg		07/16/25 10:48	07/16/25 14:03	1
1,2-Dichloropropane	ND		100	16	ug/Kg		07/16/25 10:48	07/16/25 14:03	1
1,3-Dichlorobenzene	ND		100	27	ug/Kg		07/16/25 10:48	07/16/25 14:03	1
1,4-Dichlorobenzene	ND		100	14	ug/Kg		07/16/25 10:48	07/16/25 14:03	1
2-Butanone (MEK)	ND		500	300	ug/Kg		07/16/25 10:48	07/16/25 14:03	1
2-Hexanone	ND		500	210	ug/Kg		07/16/25 10:48	07/16/25 14:03	1
4-Methyl-2-pentanone (MIBK)	ND		500	32	ug/Kg		07/16/25 10:48	07/16/25 14:03	1
Acetone	ND		500	410	ug/Kg		07/16/25 10:48	07/16/25 14:03	1
Benzene	ND		100	19	ug/Kg		07/16/25 10:48	07/16/25 14:03	1
Bromoform	ND		100	50	ug/Kg		07/16/25 10:48	07/16/25 14:03	1
Bromomethane	ND		100	22	ug/Kg		07/16/25 10:48	07/16/25 14:03	1
Carbon disulfide	ND		100	46	ug/Kg		07/16/25 10:48	07/16/25 14:03	1
Carbon tetrachloride	ND		100	26	ug/Kg		07/16/25 10:48	07/16/25 14:03	1
Chlorobenzene	ND		100	13	ug/Kg		07/16/25 10:48	07/16/25 14:03	1
Chloroethane	ND		100	21	ug/Kg		07/16/25 10:48	07/16/25 14:03	1
Chloroform	ND		100	69	ug/Kg		07/16/25 10:48	07/16/25 14:03	1
Chloromethane	ND		100	24	ug/Kg		07/16/25 10:48	07/16/25 14:03	1
cis-1,2-Dichloroethene	ND		100	28	ug/Kg		07/16/25 10:48	07/16/25 14:03	1
Bromodichloromethane	ND		100	20	ug/Kg		07/16/25 10:48	07/16/25 14:03	1
Cyclohexane	ND		100	22	ug/Kg		07/16/25 10:48	07/16/25 14:03	1
Dibromochloromethane	ND		100	48	ug/Kg		07/16/25 10:48	07/16/25 14:03	1
1,2-Dibromoethane	ND		100	18	ug/Kg		07/16/25 10:48	07/16/25 14:03	1
Dichlorodifluoromethane	ND		100	44	ug/Kg		07/16/25 10:48	07/16/25 14:03	1
Ethylbenzene	ND		100	29	ug/Kg		07/16/25 10:48	07/16/25 14:03	1
Isopropylbenzene	ND		100	15	ug/Kg		07/16/25 10:48	07/16/25 14:03	1
Methyl acetate	ND		500	48	ug/Kg		07/16/25 10:48	07/16/25 14:03	1
Methyl tert-butyl ether	ND		100	38	ug/Kg		07/16/25 10:48	07/16/25 14:03	1
Methylcyclohexane	ND		100	47	ug/Kg		07/16/25 10:48	07/16/25 14:03	1
Methylene Chloride	ND		100	20	ug/Kg		07/16/25 10:48	07/16/25 14:03	1
Tetrachloroethene	ND		100	13	ug/Kg		07/16/25 10:48	07/16/25 14:03	1
Toluene	ND		100	27	ug/Kg		07/16/25 10:48	07/16/25 14:03	1
trans-1,2-Dichloroethene	ND		100	24	ug/Kg		07/16/25 10:48	07/16/25 14:03	1
trans-1,3-Dichloropropene	ND		100	9.8	ug/Kg		07/16/25 10:48	07/16/25 14:03	1
Trichloroethene	ND		100	28	ug/Kg		07/16/25 10:48	07/16/25 14:03	1
cis-1,3-Dichloropropene	ND		100	24	ug/Kg		07/16/25 10:48	07/16/25 14:03	1
Trichlorofluoromethane	ND		100	47	ug/Kg		07/16/25 10:48	07/16/25 14:03	1
Styrene	ND		100	24	ug/Kg		07/16/25 10:48	07/16/25 14:03	1
Vinyl chloride	ND		100	34	ug/Kg		07/16/25 10:48	07/16/25 14:03	1
Xylenes, Total	ND		200	55	ug/Kg		07/16/25 10:48	07/16/25 14:03	1

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QC Sample Results

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-751902/1-A

Matrix: Solid

Analysis Batch: 751892

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 751902

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		53 - 146	07/16/25 10:48	07/16/25 14:03	1
4-Bromofluorobenzene (Surr)	89		49 - 148	07/16/25 10:48	07/16/25 14:03	1
Toluene-d8 (Surr)	100		50 - 149	07/16/25 10:48	07/16/25 14:03	1
Dibromofluoromethane (Surr)	89		60 - 140	07/16/25 10:48	07/16/25 14:03	1

Lab Sample ID: LCS 480-751902/2-A

Matrix: Solid

Analysis Batch: 751892

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 751902

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	2500	2470		ug/Kg		99	68 - 130
1,1,2,2-Tetrachloroethane	2500	2650		ug/Kg		106	73 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	2500	2700		ug/Kg		108	10 - 179
1,1,2-Trichloroethane	2500	2560		ug/Kg		102	80 - 120
1,1-Dichloroethane	2500	2780		ug/Kg		111	78 - 121
1,1-Dichloroethene	2500	2320		ug/Kg		93	48 - 133
1,2,4-Trichlorobenzene	2500	2600		ug/Kg		104	70 - 140
1,2-Dibromo-3-Chloropropane	2500	2060		ug/Kg		83	56 - 122
1,2-Dichlorobenzene	2500	2680		ug/Kg		107	78 - 125
1,2-Dichloroethane	2500	2820		ug/Kg		113	74 - 127
1,2-Dichloropropane	2500	2690		ug/Kg		107	80 - 120
1,3-Dichlorobenzene	2500	2610		ug/Kg		104	80 - 120
1,4-Dichlorobenzene	2500	2600		ug/Kg		104	80 - 120
2-Butanone (MEK)	12500	14600		ug/Kg		116	54 - 149
2-Hexanone	12500	15300		ug/Kg		122	59 - 127
4-Methyl-2-pentanone (MIBK)	12500	14800		ug/Kg		118	74 - 120
Acetone	12500	15700		ug/Kg		125	47 - 141
Benzene	2500	2680		ug/Kg		107	77 - 125
Bromoform	2500	1640		ug/Kg		66	48 - 125
Bromomethane	2500	2110		ug/Kg		84	39 - 149
Carbon disulfide	2500	2300		ug/Kg		92	40 - 136
Carbon tetrachloride	2500	2220		ug/Kg		89	54 - 135
Chlorobenzene	2500	2590		ug/Kg		104	76 - 126
Chloroethane	2500	2370		ug/Kg		95	23 - 150
Chloroform	2500	2600		ug/Kg		104	78 - 120
Chloromethane	2500	2480		ug/Kg		99	61 - 124
cis-1,2-Dichloroethene	2500	2540		ug/Kg		102	79 - 124
Bromodichloromethane	2500	2240		ug/Kg		90	71 - 121
Cyclohexane	2500	2720		ug/Kg		109	49 - 129
Dibromochloromethane	2500	1910		ug/Kg		76	64 - 120
1,2-Dibromoethane	2500	2540		ug/Kg		102	80 - 120
Dichlorodifluoromethane	2500	1830		ug/Kg		73	10 - 150
Ethylbenzene	2500	2690		ug/Kg		107	78 - 124
Isopropylbenzene	2500	2710		ug/Kg		108	76 - 120
Methyl acetate	5000	5510		ug/Kg		110	71 - 123
Methyl tert-butyl ether	2500	2540		ug/Kg		101	67 - 137
Methylcyclohexane	2500	2460		ug/Kg		99	50 - 130
Methylene Chloride	2500	2410		ug/Kg		97	75 - 118

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QC Sample Results

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-751902/2-A

Matrix: Solid

Analysis Batch: 751892

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 751902

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Tetrachloroethene	2500	2520		ug/Kg		101	73 - 133
Toluene	2500	2680		ug/Kg		107	75 - 124
trans-1,2-Dichloroethene	2500	2470		ug/Kg		99	74 - 129
trans-1,3-Dichloropropene	2500	2390		ug/Kg		96	73 - 120
Trichloroethene	2500	2480		ug/Kg		99	75 - 131
cis-1,3-Dichloropropene	2500	2410		ug/Kg		96	75 - 121
Trichlorofluoromethane	2500	2760		ug/Kg		110	29 - 158
Styrene	2500	2440		ug/Kg		98	80 - 120
Vinyl chloride	2500	2740		ug/Kg		109	59 - 124

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	108		53 - 146
4-Bromofluorobenzene (Surr)	92		49 - 148
Toluene-d8 (Surr)	102		50 - 149
Dibromofluoromethane (Surr)	94		60 - 140

Lab Sample ID: 480-231006-4 MS

Matrix: Solid

Analysis Batch: 751930

Client Sample ID: SB1-7'-8'

Prep Type: Total/NA

Prep Batch: 751902

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	ND	F1	1030	1550	F1	ug/Kg	✱	151	64 - 142
1,1,2,2-Tetrachloroethane	ND	F1	1030	1740	F1	ug/Kg	✱	170	56 - 128
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1030	1460		ug/Kg	✱	143	64 - 154
1,1,2-Trichloroethane	ND	F1	1030	1670	F1	ug/Kg	✱	163	63 - 133
1,1-Dichloroethane	ND	F1	1030	1730	F1	ug/Kg	✱	168	64 - 135
1,1-Dichloroethene	ND		1030	1320		ug/Kg	✱	129	62 - 145
1,2,4-Trichlorobenzene	ND	F1	1030	1740	F1	ug/Kg	✱	169	56 - 145
1,2-Dibromo-3-Chloropropane	ND	F1	1030	1390	F1	ug/Kg	✱	135	40 - 122
1,2-Dichlorobenzene	ND	F1	1030	1770	F1	ug/Kg	✱	173	68 - 133
1,2-Dichloroethane	ND	F1	1030	1810	F1	ug/Kg	✱	176	62 - 135
1,2-Dichloropropane	ND	F1	1030	1700	F1	ug/Kg	✱	166	67 - 139
1,3-Dichlorobenzene	ND	F1	1030	1780	F1	ug/Kg	✱	174	68 - 136
1,4-Dichlorobenzene	ND	F1	1030	1740	F1	ug/Kg	✱	170	69 - 136
2-Butanone (MEK)	ND	F1	5130	8730	F1	ug/Kg	✱	170	46 - 132
2-Hexanone	ND	F1	5130	10400	F1	ug/Kg	✱	202	44 - 130
4-Methyl-2-pentanone (MIBK)	ND	F1	5130	10100	F1	ug/Kg	✱	196	49 - 125
Acetone	ND	F1	5130	9230	F1	ug/Kg	✱	180	32 - 136
Benzene	ND	F1	1030	1690	F1	ug/Kg	✱	164	68 - 137
Bromoform	ND		1030	958		ug/Kg	✱	93	43 - 134
Bromomethane	ND		1030	1070		ug/Kg	✱	105	38 - 137
Carbon disulfide	ND		1030	1180		ug/Kg	✱	115	52 - 139
Carbon tetrachloride	ND		1030	1360		ug/Kg	✱	133	60 - 150
Chlorobenzene	ND	F1	1030	1680	F1	ug/Kg	✱	164	67 - 136
Dibromochloromethane	ND		1030	1170		ug/Kg	✱	114	57 - 137
Chloroethane	ND		1030	1290		ug/Kg	✱	125	34 - 140
Chloroform	ND	F1	1030	1630	F1	ug/Kg	✱	159	64 - 133
Chloromethane	ND		1030	1220		ug/Kg	✱	119	47 - 143

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QC Sample Results

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-231006-4 MS

Matrix: Solid

Analysis Batch: 751930

Client Sample ID: SB1-7'-8'

Prep Type: Total/NA

Prep Batch: 751902

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
cis-1,2-Dichloroethene	ND	F1	1030	1520	F1	ug/Kg	✱	148	65 - 137
Cyclohexane	ND	F1	1030	1650	F1	ug/Kg	✱	161	63 - 149
Bromodichloromethane	ND		1030	1310		ug/Kg	✱	128	62 - 136
Dichlorodifluoromethane	ND		1030	563		ug/Kg	✱	55	26 - 150
Ethylbenzene	ND	F1	1030	1810	F1	ug/Kg	✱	176	67 - 136
1,2-Dibromoethane	ND	F1	1030	1680	F1	ug/Kg	✱	164	65 - 133
Isopropylbenzene	ND	F1	1030	1890	F1	ug/Kg	✱	185	65 - 147
Methyl acetate	100	J F1	2050	4080	F1	ug/Kg	✱	194	50 - 124
Methyl tert-butyl ether	ND	F1	1030	1550	F1	ug/Kg	✱	152	60 - 130
Methylcyclohexane	ND	F1	1030	1550	F1	ug/Kg	✱	151	67 - 150
Methylene Chloride	ND	F1	1030	1480	F1	ug/Kg	✱	145	63 - 138
Tetrachloroethene	ND	F1	1030	1710	F1	ug/Kg	✱	166	67 - 150
Toluene	ND	F1	1030	1760	F1	ug/Kg	✱	172	68 - 137
trans-1,2-Dichloroethene	ND	F1	1030	1510	F1	ug/Kg	✱	147	65 - 138
trans-1,3-Dichloropropene	ND	F1	1030	1520	F1	ug/Kg	✱	148	58 - 143
Trichloroethene	ND	F1	1030	1610	F1	ug/Kg	✱	157	69 - 143
Trichlorofluoromethane	ND		1030	1470		ug/Kg	✱	143	35 - 150
Vinyl chloride	ND		1030	1370		ug/Kg	✱	133	56 - 150
cis-1,3-Dichloropropene	ND		1030	1450		ug/Kg	✱	141	61 - 148
Styrene	ND	F1	1030	1620	F1	ug/Kg	✱	158	68 - 137

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	102		53 - 146
4-Bromofluorobenzene (Surr)	87		49 - 148
Toluene-d8 (Surr)	101		50 - 149
Dibromofluoromethane (Surr)	88		60 - 140

Lab Sample ID: 480-231006-4 MSD

Matrix: Solid

Analysis Batch: 751930

Client Sample ID: SB1-7'-8'

Prep Type: Total/NA

Prep Batch: 751902

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
1,1,1-Trichloroethane	ND	F1	1160	1740	F1	ug/Kg	✱	151	64 - 142	11	20
1,1,2,2-Tetrachloroethane	ND	F1	1160	1860	F1	ug/Kg	✱	161	56 - 128	7	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1160	1670		ug/Kg	✱	145	64 - 154	13	20
1,1,2-Trichloroethane	ND	F1	1160	1890	F1	ug/Kg	✱	163	63 - 133	12	20
1,1-Dichloroethane	ND	F1	1160	1900	F1	ug/Kg	✱	165	64 - 135	10	20
1,1-Dichloroethene	ND		1160	1460		ug/Kg	✱	126	62 - 145	10	20
1,2,4-Trichlorobenzene	ND	F1	1160	1950	F1	ug/Kg	✱	169	56 - 145	12	20
1,2-Dibromo-3-Chloropropane	ND	F1	1160	1580	F1	ug/Kg	✱	136	40 - 122	13	20
1,2-Dichlorobenzene	ND	F1	1160	1920	F1	ug/Kg	✱	167	68 - 133	8	20
1,2-Dichloroethane	ND	F1	1160	1960	F1	ug/Kg	✱	170	62 - 135	8	20
1,2-Dichloropropane	ND	F1	1160	1890	F1	ug/Kg	✱	164	67 - 139	11	20
1,3-Dichlorobenzene	ND	F1	1160	1900	F1	ug/Kg	✱	164	68 - 136	6	20
1,4-Dichlorobenzene	ND	F1	1160	1890	F1	ug/Kg	✱	164	69 - 136	8	20
2-Butanone (MEK)	ND	F1	5780	9620	F1	ug/Kg	✱	166	46 - 132	10	20
2-Hexanone	ND	F1	5780	11400	F1	ug/Kg	✱	198	44 - 130	10	20
4-Methyl-2-pentanone (MIBK)	ND	F1	5780	11100	F1	ug/Kg	✱	192	49 - 125	10	20

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QC Sample Results

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-231006-4 MSD

Matrix: Solid

Analysis Batch: 751930

Client Sample ID: SB1-7'-8'

Prep Type: Total/NA

Prep Batch: 751902

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone	ND	F1	5780	9920	F1	ug/Kg	✱	172	32 - 136	7	20
Benzene	ND	F1	1160	1860	F1	ug/Kg	✱	161	68 - 137	10	20
Bromoform	ND		1160	1120		ug/Kg	✱	97	43 - 134	16	20
Bromomethane	ND		1160	1110		ug/Kg	✱	96	38 - 137	4	20
Carbon disulfide	ND		1160	1300		ug/Kg	✱	112	52 - 139	10	20
Carbon tetrachloride	ND		1160	1610		ug/Kg	✱	139	60 - 150	17	20
Chlorobenzene	ND	F1	1160	1830	F1	ug/Kg	✱	158	67 - 136	9	20
Dibromochloromethane	ND		1160	1360		ug/Kg	✱	118	57 - 137	15	20
Chloroethane	ND		1160	1310		ug/Kg	✱	113	34 - 140	2	20
Chloroform	ND	F1	1160	1810	F1	ug/Kg	✱	156	64 - 133	11	20
Chloromethane	ND		1160	1200		ug/Kg	✱	104	47 - 143	1	20
cis-1,2-Dichloroethene	ND	F1	1160	1730	F1	ug/Kg	✱	149	65 - 137	13	20
Cyclohexane	ND	F1	1160	1790	F1	ug/Kg	✱	155	63 - 149	8	20
Bromodichloromethane	ND		1160	1510		ug/Kg	✱	131	62 - 136	14	20
Dichlorodifluoromethane	ND		1160	551		ug/Kg	✱	48	26 - 150	2	20
Ethylbenzene	ND	F1	1160	1980	F1	ug/Kg	✱	171	67 - 136	9	20
1,2-Dibromoethane	ND	F1	1160	1810	F1	ug/Kg	✱	156	65 - 133	7	20
Isopropylbenzene	ND	F1	1160	2020	F1	ug/Kg	✱	175	65 - 147	6	20
Methyl acetate	100	J F1	2310	4290	F1	ug/Kg	✱	181	50 - 124	5	20
Methyl tert-butyl ether	ND	F1	1160	1720	F1	ug/Kg	✱	149	60 - 130	10	20
Methylcyclohexane	ND	F1	1160	1750	F1	ug/Kg	✱	151	67 - 150	12	20
Methylene Chloride	ND	F1	1160	1660	F1	ug/Kg	✱	143	63 - 138	11	20
Tetrachloroethene	ND	F1	1160	1940	F1	ug/Kg	✱	168	67 - 150	13	20
Toluene	ND	F1	1160	1990	F1	ug/Kg	✱	172	68 - 137	12	20
trans-1,2-Dichloroethene	ND	F1	1160	1680	F1	ug/Kg	✱	146	65 - 138	11	20
trans-1,3-Dichloropropene	ND	F1	1160	1710	F1	ug/Kg	✱	148	58 - 143	12	20
Trichloroethene	ND	F1	1160	1790	F1	ug/Kg	✱	155	69 - 143	11	20
Trichlorofluoromethane	ND		1160	1580		ug/Kg	✱	137	35 - 150	7	20
Vinyl chloride	ND		1160	1410		ug/Kg	✱	122	56 - 150	3	20
cis-1,3-Dichloropropene	ND		1160	1640		ug/Kg	✱	142	61 - 148	12	20
Styrene	ND	F1	1160	1780	F1	ug/Kg	✱	154	68 - 137	10	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	105		53 - 146
4-Bromofluorobenzene (Surr)	89		49 - 148
Toluene-d8 (Surr)	105		50 - 149
Dibromofluoromethane (Surr)	92		60 - 140

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-751553/1-A

Matrix: Solid

Analysis Batch: 751756

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 751553

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		170	32	ug/Kg		07/12/25 07:49	07/16/25 00:48	1
bis (2-chloroisopropyl) ether	ND		170	35	ug/Kg		07/12/25 07:49	07/16/25 00:48	1
2,4,5-Trichlorophenol	ND		170	34	ug/Kg		07/12/25 07:49	07/16/25 00:48	1
2,4,6-Trichlorophenol	ND		170	26	ug/Kg		07/12/25 07:49	07/16/25 00:48	1

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QC Sample Results

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-751553/1-A

Matrix: Solid

Analysis Batch: 751756

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 751553

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenol	ND		170	33	ug/Kg		07/12/25 07:49	07/16/25 00:48	1
2,4-Dimethylphenol	ND		170	36	ug/Kg		07/12/25 07:49	07/16/25 00:48	1
2,4-Dinitrophenol	ND		1700	32	ug/Kg		07/12/25 07:49	07/16/25 00:48	1
2,4-Dinitrotoluene	ND		170	23	ug/Kg		07/12/25 07:49	07/16/25 00:48	1
2,6-Dinitrotoluene	ND		170	24	ug/Kg		07/12/25 07:49	07/16/25 00:48	1
2-Chloronaphthalene	ND		170	32	ug/Kg		07/12/25 07:49	07/16/25 00:48	1
2-Chlorophenol	ND		170	27	ug/Kg		07/12/25 07:49	07/16/25 00:48	1
2-Methylnaphthalene	ND		170	27	ug/Kg		07/12/25 07:49	07/16/25 00:48	1
2-Methylphenol	ND		170	27	ug/Kg		07/12/25 07:49	07/16/25 00:48	1
2-Nitroaniline	ND		330	29	ug/Kg		07/12/25 07:49	07/16/25 00:48	1
2-Nitrophenol	ND		170	19	ug/Kg		07/12/25 07:49	07/16/25 00:48	1
3,3'-Dichlorobenzidine	ND		330	50	ug/Kg		07/12/25 07:49	07/16/25 00:48	1
3-Nitroaniline	ND		330	24	ug/Kg		07/12/25 07:49	07/16/25 00:48	1
4,6-Dinitro-2-methylphenol	ND		330	37	ug/Kg		07/12/25 07:49	07/16/25 00:48	1
4-Bromophenyl phenyl ether	ND		170	29	ug/Kg		07/12/25 07:49	07/16/25 00:48	1
4-Chloro-3-methylphenol	ND		170	35	ug/Kg		07/12/25 07:49	07/16/25 00:48	1
4-Chloroaniline	ND		170	24	ug/Kg		07/12/25 07:49	07/16/25 00:48	1
4-Chlorophenyl phenyl ether	ND		170	36	ug/Kg		07/12/25 07:49	07/16/25 00:48	1
4-Methylphenol	ND		330	30	ug/Kg		07/12/25 07:49	07/16/25 00:48	1
4-Nitroaniline	ND		330	25	ug/Kg		07/12/25 07:49	07/16/25 00:48	1
4-Nitrophenol	ND		330	46	ug/Kg		07/12/25 07:49	07/16/25 00:48	1
Acenaphthene	ND		170	31	ug/Kg		07/12/25 07:49	07/16/25 00:48	1
Acenaphthylene	ND		170	33	ug/Kg		07/12/25 07:49	07/16/25 00:48	1
Acetophenone	ND		170	30	ug/Kg		07/12/25 07:49	07/16/25 00:48	1
Anthracene	ND		170	31	ug/Kg		07/12/25 07:49	07/16/25 00:48	1
Atrazine	ND		170	57	ug/Kg		07/12/25 07:49	07/16/25 00:48	1
Benzaldehyde	ND		170	130	ug/Kg		07/12/25 07:49	07/16/25 00:48	1
Benzo[a]anthracene	ND		170	23	ug/Kg		07/12/25 07:49	07/16/25 00:48	1
Benzo[a]pyrene	ND		170	29	ug/Kg		07/12/25 07:49	07/16/25 00:48	1
Benzo[b]fluoranthene	ND		170	23	ug/Kg		07/12/25 07:49	07/16/25 00:48	1
Benzo[g,h,i]perylene	ND		170	30	ug/Kg		07/12/25 07:49	07/16/25 00:48	1
Benzo[k]fluoranthene	ND		170	38	ug/Kg		07/12/25 07:49	07/16/25 00:48	1
Bis(2-chloroethoxy)methane	ND		170	32	ug/Kg		07/12/25 07:49	07/16/25 00:48	1
Bis(2-chloroethyl)ether	ND		170	32	ug/Kg		07/12/25 07:49	07/16/25 00:48	1
Bis(2-ethylhexyl) phthalate	ND		170	37	ug/Kg		07/12/25 07:49	07/16/25 00:48	1
Butyl benzyl phthalate	ND		170	31	ug/Kg		07/12/25 07:49	07/16/25 00:48	1
Caprolactam	ND		170	39	ug/Kg		07/12/25 07:49	07/16/25 00:48	1
Carbazole	ND		170	33	ug/Kg		07/12/25 07:49	07/16/25 00:48	1
Chrysene	ND		170	41	ug/Kg		07/12/25 07:49	07/16/25 00:48	1
Dibenz(a,h)anthracene	ND		170	34	ug/Kg		07/12/25 07:49	07/16/25 00:48	1
Dibenzofuran	ND		170	30	ug/Kg		07/12/25 07:49	07/16/25 00:48	1
Diethyl phthalate	ND		170	30	ug/Kg		07/12/25 07:49	07/16/25 00:48	1
Dimethyl phthalate	ND		170	33	ug/Kg		07/12/25 07:49	07/16/25 00:48	1
Di-n-butyl phthalate	ND		170	38	ug/Kg		07/12/25 07:49	07/16/25 00:48	1
Di-n-octyl phthalate	ND		170	32	ug/Kg		07/12/25 07:49	07/16/25 00:48	1
Fluoranthene	ND		170	31	ug/Kg		07/12/25 07:49	07/16/25 00:48	1
Fluorene	ND		170	31	ug/Kg		07/12/25 07:49	07/16/25 00:48	1
Hexachlorobenzene	ND		170	33	ug/Kg		07/12/25 07:49	07/16/25 00:48	1
Hexachlorobutadiene	ND		170	25	ug/Kg		07/12/25 07:49	07/16/25 00:48	1

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QC Sample Results

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-751553/1-A

Matrix: Solid

Analysis Batch: 751756

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 751553

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorocyclopentadiene	ND		330	74	ug/Kg		07/12/25 07:49	07/16/25 00:48	1
Hexachloroethane	ND		170	31	ug/Kg		07/12/25 07:49	07/16/25 00:48	1
Indeno[1,2,3-cd]pyrene	ND		170	25	ug/Kg		07/12/25 07:49	07/16/25 00:48	1
Isophorone	ND		170	35	ug/Kg		07/12/25 07:49	07/16/25 00:48	1
Naphthalene	ND		170	28	ug/Kg		07/12/25 07:49	07/16/25 00:48	1
Nitrobenzene	ND		170	28	ug/Kg		07/12/25 07:49	07/16/25 00:48	1
N-Nitrosodi-n-propylamine	ND		170	38	ug/Kg		07/12/25 07:49	07/16/25 00:48	1
N-Nitrosodiphenylamine	ND		170	28	ug/Kg		07/12/25 07:49	07/16/25 00:48	1
Pentachlorophenol	ND		330	54	ug/Kg		07/12/25 07:49	07/16/25 00:48	1
Phenanthrene	ND		170	32	ug/Kg		07/12/25 07:49	07/16/25 00:48	1
Phenol	ND		170	31	ug/Kg		07/12/25 07:49	07/16/25 00:48	1
Pyrene	ND		170	32	ug/Kg		07/12/25 07:49	07/16/25 00:48	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	76		22 - 120	07/12/25 07:49	07/16/25 00:48	1
p-Terphenyl-d14 (Surr)	92		28 - 124	07/12/25 07:49	07/16/25 00:48	1
Phenol-d5 (Surr)	77		23 - 120	07/12/25 07:49	07/16/25 00:48	1
2-Fluorophenol (Surr)	74		18 - 120	07/12/25 07:49	07/16/25 00:48	1
2,4,6-Tribromophenol (Surr)	89		10 - 140	07/12/25 07:49	07/16/25 00:48	1
2-Fluorobiphenyl (Surr)	102		29 - 120	07/12/25 07:49	07/16/25 00:48	1

Lab Sample ID: LCS 480-751553/2-A

Matrix: Solid

Analysis Batch: 751756

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 751553

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Biphenyl	2670	2450		ug/Kg		92	47 - 120
bis (2-chloroisopropyl) ether	2670	1570		ug/Kg		59	31 - 120
2,4,5-Trichlorophenol	2670	2460		ug/Kg		92	52 - 120
2,4,6-Trichlorophenol	2670	2410		ug/Kg		91	51 - 120
2,4-Dichlorophenol	2670	2190		ug/Kg		82	44 - 120
2,4-Dimethylphenol	2670	2020		ug/Kg		76	48 - 120
2,4-Dinitrophenol	5330	2020		ug/Kg		38	28 - 120
2,4-Dinitrotoluene	2670	2120		ug/Kg		80	55 - 125
2,6-Dinitrotoluene	2670	2540		ug/Kg		95	51 - 125
2-Chloronaphthalene	2670	2420		ug/Kg		91	46 - 120
2-Chlorophenol	2670	1900		ug/Kg		71	40 - 120
2-Methylnaphthalene	2670	2170		ug/Kg		81	45 - 120
2-Methylphenol	2670	1710		ug/Kg		64	41 - 120
2-Nitroaniline	2670	1930		ug/Kg		72	51 - 125
2-Nitrophenol	2670	2120		ug/Kg		79	43 - 120
3,3'-Dichlorobenzidine	2670	2270		ug/Kg		85	10 - 120
3-Nitroaniline	2670	1880		ug/Kg		70	33 - 120
4,6-Dinitro-2-methylphenol	5330	3730		ug/Kg		70	49 - 126
4-Bromophenyl phenyl ether	2670	2990		ug/Kg		112	55 - 123
4-Chloro-3-methylphenol	2670	1930		ug/Kg		72	54 - 120
4-Chloroaniline	2670	1860		ug/Kg		70	20 - 120
4-Chlorophenyl phenyl ether	2670	2260		ug/Kg		85	54 - 120

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QC Sample Results

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-751553/2-A

Matrix: Solid

Analysis Batch: 751756

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 751553

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4-Methylphenol	2670	1770		ug/Kg		66	43 - 120
4-Nitroaniline	2670	1890		ug/Kg		71	54 - 120
4-Nitrophenol	5330	3300		ug/Kg		62	47 - 120
Acenaphthene	2670	2310		ug/Kg		87	49 - 121
Acenaphthylene	2670	2210		ug/Kg		83	49 - 120
Acetophenone	2670	1780		ug/Kg		67	39 - 120
Anthracene	2670	2500		ug/Kg		94	57 - 120
Atrazine	2670	1800		ug/Kg		67	44 - 120
Benzaldehyde	2670	1520		ug/Kg		57	10 - 120
Benzo[a]anthracene	2670	2490		ug/Kg		93	58 - 120
Benzo[a]pyrene	2670	2370		ug/Kg		89	59 - 122
Benzo[b]fluoranthene	2670	2470		ug/Kg		93	56 - 120
Benzo[g,h,i]perylene	2670	2670		ug/Kg		100	56 - 132
Benzo[k]fluoranthene	2670	2090		ug/Kg		78	59 - 127
Bis(2-chloroethoxy)methane	2670	2090		ug/Kg		78	42 - 120
Bis(2-chloroethyl)ether	2670	1840		ug/Kg		69	34 - 120
Bis(2-ethylhexyl) phthalate	2670	2230		ug/Kg		84	49 - 130
Butyl benzyl phthalate	2670	2240		ug/Kg		84	50 - 122
Caprolactam	2670	1310		ug/Kg		49	10 - 120
Carbazole	2670	2520		ug/Kg		95	58 - 124
Chrysene	2670	2530		ug/Kg		95	57 - 120
Dibenz(a,h)anthracene	2670	2790		ug/Kg		105	53 - 124
Dibenzofuran	2670	2220		ug/Kg		83	53 - 120
Diethyl phthalate	2670	2160		ug/Kg		81	54 - 120
Dimethyl phthalate	2670	2380		ug/Kg		89	53 - 120
Di-n-butyl phthalate	2670	2600		ug/Kg		98	49 - 120
Di-n-octyl phthalate	2670	2270		ug/Kg		85	42 - 125
Fluoranthene	2670	2500		ug/Kg		94	57 - 121
Fluorene	2670	2130		ug/Kg		80	55 - 121
Hexachlorobenzene	2670	2810		ug/Kg		105	56 - 120
Hexachlorobutadiene	2670	2320		ug/Kg		87	40 - 120
Hexachlorocyclopentadiene	2670	1640		ug/Kg		62	30 - 125
Hexachloroethane	2670	1820		ug/Kg		68	34 - 120
Indeno[1,2,3-cd]pyrene	2670	2740		ug/Kg		103	53 - 125
Isophorone	2670	1910		ug/Kg		72	46 - 120
Naphthalene	2670	2110		ug/Kg		79	43 - 120
Nitrobenzene	2670	1900		ug/Kg		71	40 - 120
N-Nitrosodi-n-propylamine	2670	1750		ug/Kg		66	41 - 120
N-Nitrosodiphenylamine	2670	2830		ug/Kg		106	57 - 126
Pentachlorophenol	5330	4510		ug/Kg		85	10 - 124
Phenanthrene	2670	2600		ug/Kg		97	57 - 120
Phenol	2670	1790		ug/Kg		67	37 - 120
Pyrene	2670	2390		ug/Kg		90	59 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Nitrobenzene-d5 (Surr)	77		22 - 120
p-Terphenyl-d14 (Surr)	98		28 - 124
Phenol-d5 (Surr)	71		23 - 120

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QC Sample Results

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-751553/2-A

Matrix: Solid

Analysis Batch: 751756

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 751553

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
2-Fluorophenol (Surr)	71		18 - 120
2,4,6-Tribromophenol (Surr)	119		10 - 140
2-Fluorobiphenyl (Surr)	99		29 - 120

Method: 8081B - Organochlorine Pesticides (GC)

Lab Sample ID: MB 480-751725/1-A

Matrix: Solid

Analysis Batch: 752073

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 751725

Analyte	MB	MB							
	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		3.3	0.65	ug/Kg		07/15/25 06:52	07/18/25 09:59	1
4,4'-DDE	ND		3.3	0.70	ug/Kg		07/15/25 06:52	07/18/25 09:59	1
4,4'-DDT	ND		3.3	0.78	ug/Kg		07/15/25 06:52	07/18/25 09:59	1
Aldrin	ND		3.3	0.82	ug/Kg		07/15/25 06:52	07/18/25 09:59	1
alpha-BHC	ND		3.3	0.60	ug/Kg		07/15/25 06:52	07/18/25 09:59	1
cis-Chlordane	ND		3.3	1.7	ug/Kg		07/15/25 06:52	07/18/25 09:59	1
beta-BHC	0.978	J	3.3	0.60	ug/Kg		07/15/25 06:52	07/18/25 09:59	1
delta-BHC	ND		3.3	0.62	ug/Kg		07/15/25 06:52	07/18/25 09:59	1
Dieldrin	ND		3.3	0.80	ug/Kg		07/15/25 06:52	07/18/25 09:59	1
Endosulfan I	ND		3.3	0.64	ug/Kg		07/15/25 06:52	07/18/25 09:59	1
Endosulfan II	ND		3.3	0.60	ug/Kg		07/15/25 06:52	07/18/25 09:59	1
Endosulfan sulfate	ND		3.3	0.62	ug/Kg		07/15/25 06:52	07/18/25 09:59	1
Endrin	ND		3.3	0.66	ug/Kg		07/15/25 06:52	07/18/25 09:59	1
Endrin aldehyde	ND		3.3	0.85	ug/Kg		07/15/25 06:52	07/18/25 09:59	1
Endrin ketone	ND		3.3	0.82	ug/Kg		07/15/25 06:52	07/18/25 09:59	1
gamma-BHC (Lindane)	ND		3.3	0.61	ug/Kg		07/15/25 06:52	07/18/25 09:59	1
trans-Chlordane	ND		3.3	1.1	ug/Kg		07/15/25 06:52	07/18/25 09:59	1
Heptachlor	ND		3.3	0.72	ug/Kg		07/15/25 06:52	07/18/25 09:59	1
Heptachlor epoxide	ND		3.3	0.86	ug/Kg		07/15/25 06:52	07/18/25 09:59	1
Methoxychlor	ND		3.3	0.68	ug/Kg		07/15/25 06:52	07/18/25 09:59	1
Toxaphene	ND		33	19	ug/Kg		07/15/25 06:52	07/18/25 09:59	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	77		45 - 120				07/15/25 06:52	07/18/25 09:59	1
DCB Decachlorobiphenyl	83		45 - 120				07/15/25 06:52	07/18/25 09:59	1
Tetrachloro-m-xylene	70		30 - 124				07/15/25 06:52	07/18/25 09:59	1
Tetrachloro-m-xylene	70		30 - 124				07/15/25 06:52	07/18/25 09:59	1

Lab Sample ID: LCS 480-751725/2-A

Matrix: Solid

Analysis Batch: 752073

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 751725

Analyte	Spike	LCS	LCS					%Rec	
	Added	Result	Qualifier	Unit	D	%Rec	Limits		
4,4'-DDD	33.3	27.3		ug/Kg		82	56 - 120		
4,4'-DDE	33.3	24.7		ug/Kg		74	44 - 120		
4,4'-DDT	33.3	27.1		ug/Kg		81	38 - 120		
Aldrin	33.3	21.7		ug/Kg		65	38 - 120		

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QC Sample Results

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 480-751725/2-A

Matrix: Solid

Analysis Batch: 752073

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 751725

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
alpha-BHC	33.3	21.3		ug/Kg		64	39 - 120
cis-Chlordane	33.3	20.7		ug/Kg		62	47 - 120
beta-BHC	33.3	24.2		ug/Kg		73	40 - 120
delta-BHC	33.3	24.7		ug/Kg		74	45 - 120
Dieldrin	33.3	26.0		ug/Kg		78	58 - 120
Endosulfan I	33.3	24.2		ug/Kg		73	49 - 120
Endosulfan II	33.3	25.3		ug/Kg		76	55 - 120
Endosulfan sulfate	33.3	23.1		ug/Kg		69	49 - 124
Endrin	33.3	26.8		ug/Kg		80	58 - 120
Endrin aldehyde	33.3	14.4		ug/Kg		43	37 - 121
Endrin ketone	33.3	24.5		ug/Kg		74	46 - 123
gamma-BHC (Lindane)	33.3	24.2		ug/Kg		73	50 - 120
trans-Chlordane	33.3	24.0		ug/Kg		72	48 - 120
Heptachlor	33.3	26.2		ug/Kg		78	50 - 120
Heptachlor epoxide	33.3	26.6		ug/Kg		80	50 - 120
Methoxychlor	33.3	28.3		ug/Kg		85	58 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	88		45 - 120
DCB Decachlorobiphenyl	93		45 - 120
Tetrachloro-m-xylene	75		30 - 124
Tetrachloro-m-xylene	74		30 - 124

Lab Sample ID: 480-231006-3 MS

Matrix: Solid

Analysis Batch: 752073

Client Sample ID: SB1-12'-48"

Prep Type: Total/NA

Prep Batch: 751725

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
4,4'-DDD	ND		35.3	29.7	J	ug/Kg	⊛	84	37 - 126
4,4'-DDE	ND		35.3	27.7	J	ug/Kg	⊛	78	34 - 120
4,4'-DDT	32	J	35.3	59.3	J	ug/Kg	⊛	77	43 - 123
Aldrin	ND	F1	35.3	ND	F1	ug/Kg	⊛	0	37 - 125
alpha-BHC	ND		35.3	30.8	J	ug/Kg	⊛	87	39 - 120
cis-Chlordane	ND	F1	35.3	ND	F1	ug/Kg	⊛	0	35 - 120
beta-BHC	ND		35.3	31.5	J	ug/Kg	⊛	89	36 - 120
delta-BHC	ND		35.3	38.8	J	ug/Kg	⊛	110	34 - 120
Dieldrin	ND	F2	35.3	23.9	J	ug/Kg	⊛	68	45 - 120
Endosulfan I	ND	F1	35.3	ND	F1	ug/Kg	⊛	0	39 - 120
Endosulfan II	ND		35.3	21.7	J	ug/Kg	⊛	61	34 - 126
Endosulfan sulfate	ND		35.3	22.0	J	ug/Kg	⊛	62	27 - 130
Endrin	ND		35.3	29.4	J	ug/Kg	⊛	83	47 - 121
Endrin aldehyde	ND	F1	35.3	ND	F1	ug/Kg	⊛	0	33 - 123
Endrin ketone	ND		35.3	36.1	J	ug/Kg	⊛	102	43 - 126
gamma-BHC (Lindane)	ND		35.3	32.7	J	ug/Kg	⊛	92	50 - 120
trans-Chlordane	ND	F1	35.3	ND	F1	ug/Kg	⊛	0	31 - 120
Heptachlor	ND		35.3	30.2	J	ug/Kg	⊛	85	42 - 120
Heptachlor epoxide	ND	F1	35.3	18.0	J	ug/Kg	⊛	51	40 - 120
Methoxychlor	ND		35.3	53.1	J	ug/Kg	⊛	150	44 - 150

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QC Sample Results

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: 480-231006-3 MS

Matrix: Solid

Analysis Batch: 752073

Client Sample ID: SB1-12'-48"

Prep Type: Total/NA

Prep Batch: 751725

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
DCB Decachlorobiphenyl	193	S1+	45 - 120
DCB Decachlorobiphenyl	410	S1+	45 - 120
Tetrachloro-m-xylene	106		30 - 124
Tetrachloro-m-xylene	102		30 - 124

Lab Sample ID: 480-231006-3 MSD

Matrix: Solid

Analysis Batch: 752073

Client Sample ID: SB1-12'-48"

Prep Type: Total/NA

Prep Batch: 751725

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,4'-DDD	ND		34.5	24.9	J	ug/Kg	✱	72	37 - 126	18	21
4,4'-DDE	ND		34.5	24.7	J	ug/Kg	✱	71	34 - 120	12	18
4,4'-DDT	32	J	34.5	56.1	J	ug/Kg	✱	69	43 - 123	5	25
Aldrin	ND	F1	34.5	ND	F1	ug/Kg	✱	0	37 - 125	NC	12
alpha-BHC	ND		34.5	29.1	J	ug/Kg	✱	84	39 - 120	6	15
cis-Chlordane	ND	F1	34.5	ND	F1	ug/Kg	✱	0	35 - 120	NC	23
beta-BHC	ND		34.5	28.6	J	ug/Kg	✱	83	36 - 120	10	19
delta-BHC	ND		34.5	33.8	J	ug/Kg	✱	98	34 - 120	14	14
Dieldrin	ND	F2	34.5	20.4	J F2	ug/Kg	✱	59	45 - 120	16	12
Endosulfan I	ND	F1	34.5	ND	F1	ug/Kg	✱	0	39 - 120	NC	18
Endosulfan II	ND		34.5	20.0	J	ug/Kg	✱	58	34 - 126	8	26
Endosulfan sulfate	ND		34.5	19.0	J	ug/Kg	✱	55	27 - 130	14	35
Endrin	ND		34.5	27.2	J	ug/Kg	✱	79	47 - 121	8	20
Endrin aldehyde	ND	F1	34.5	ND	F1	ug/Kg	✱	0	33 - 123	NC	47
Endrin ketone	ND		34.5	28.4	J	ug/Kg	✱	82	43 - 126	24	37
gamma-BHC (Lindane)	ND		34.5	32.1	J	ug/Kg	✱	93	50 - 120	2	12
trans-Chlordane	ND	F1	34.5	ND	F1	ug/Kg	✱	0	31 - 120	NC	15
Heptachlor	ND		34.5	31.6	J	ug/Kg	✱	91	42 - 120	5	22
Heptachlor epoxide	ND	F1	34.5	ND	F1	ug/Kg	✱	0	40 - 120	NC	15
Methoxychlor	ND		34.5	49.8	J	ug/Kg	✱	144	44 - 150	6	24

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
DCB Decachlorobiphenyl	151	S1+	45 - 120
DCB Decachlorobiphenyl	255	S1+	45 - 120
Tetrachloro-m-xylene	0	S1-	30 - 124
Tetrachloro-m-xylene	0	S1-	30 - 124

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 410-674180/1-A

Matrix: Solid

Analysis Batch: 674459

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 674180

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.017	0.0053	mg/Kg		07/21/25 17:00	07/22/25 10:19	1
PCB-1221	ND		0.017	0.0053	mg/Kg		07/21/25 17:00	07/22/25 10:19	1
PCB-1232	ND		0.017	0.0053	mg/Kg		07/21/25 17:00	07/22/25 10:19	1
PCB-1242	ND		0.017	0.0053	mg/Kg		07/21/25 17:00	07/22/25 10:19	1

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QC Sample Results

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: MB 410-674180/1-A

Matrix: Solid

Analysis Batch: 674459

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 674180

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	ND		0.017	0.0053	mg/Kg		07/21/25 17:00	07/22/25 10:19	1
PCB-1254	ND		0.017	0.0064	mg/Kg		07/21/25 17:00	07/22/25 10:19	1
PCB-1260	ND		0.017	0.0064	mg/Kg		07/21/25 17:00	07/22/25 10:19	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	93		68 - 130	07/21/25 17:00	07/22/25 10:19	1
Tetrachloro-m-xylene	88		68 - 130	07/21/25 17:00	07/22/25 10:19	1
DCB Decachlorobiphenyl (Surr)	93		66 - 130	07/21/25 17:00	07/22/25 10:19	1
DCB Decachlorobiphenyl (Surr)	101		66 - 130	07/21/25 17:00	07/22/25 10:19	1

Lab Sample ID: LCS 410-674180/2-A

Matrix: Solid

Analysis Batch: 674459

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 674180

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
PCB-1016	0.167	0.145		mg/Kg		87	68 - 121
PCB-1260	0.167	0.151		mg/Kg		90	75 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	92		68 - 130
Tetrachloro-m-xylene	88		68 - 130
DCB Decachlorobiphenyl (Surr)	96		66 - 130
DCB Decachlorobiphenyl (Surr)	107		66 - 130

Lab Sample ID: 480-231006-3 MS

Matrix: Solid

Analysis Batch: 674459

Client Sample ID: SB1-12'-48"

Prep Type: Total/NA

Prep Batch: 674180

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
PCB-1016	ND		0.177	0.137		mg/Kg	☼	78	68 - 121
PCB-1260	ND	F1	0.177	0.128	F1	mg/Kg	☼	72	75 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
Tetrachloro-m-xylene	96		68 - 130
Tetrachloro-m-xylene	57	S1- p	68 - 130
DCB Decachlorobiphenyl (Surr)	72		66 - 130
DCB Decachlorobiphenyl (Surr)	68		66 - 130

Lab Sample ID: 480-231006-3 MSD

Matrix: Solid

Analysis Batch: 674459

Client Sample ID: SB1-12'-48"

Prep Type: Total/NA

Prep Batch: 674180

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
PCB-1016	ND	F1	0.176	0.135		mg/Kg	☼	77	68 - 121	38	50
PCB-1260	ND	F1	0.176	0.127	F1	mg/Kg	☼	72	75 - 130	1	50

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QC Sample Results

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: 480-231006-3 MSD

Matrix: Solid

Analysis Batch: 674459

Client Sample ID: SB1-12'-48"

Prep Type: Total/NA

Prep Batch: 674180

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
Tetrachloro-m-xylene	91		68 - 130
Tetrachloro-m-xylene	55	S1- p	68 - 130
DCB Decachlorobiphenyl (Surr)	76		66 - 130
DCB Decachlorobiphenyl (Surr)	65	S1-	66 - 130

Method: 8151A - Herbicides (GC)

Lab Sample ID: MB 480-752177/1-A

Matrix: Solid

Analysis Batch: 752508

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 752177

Analyte	MB	MB							
	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	ND		17	5.3	ug/Kg		07/19/25 05:38	07/23/25 20:10	1
Silvex (2,4,5-TP)	ND		17	6.0	ug/Kg		07/19/25 05:38	07/23/25 20:10	1
2,4-D	ND		17	11	ug/Kg		07/19/25 05:38	07/23/25 20:10	1
Dichlorprop	ND		17	8.3	ug/Kg		07/19/25 05:38	07/23/25 20:10	1
Pentachlorophenol	ND		17	5.4	ug/Kg		07/19/25 05:38	07/23/25 20:10	1
Picloram	ND		17	7.2	ug/Kg		07/19/25 05:38	07/23/25 20:10	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
2,4-Dichlorophenylacetic acid	64		28 - 129	07/19/25 05:38	07/23/25 20:10	1			
2,4-Dichlorophenylacetic acid	59		28 - 129	07/19/25 05:38	07/23/25 20:10	1			

Lab Sample ID: LCS 480-752177/2-A

Matrix: Solid

Analysis Batch: 752508

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 752177

Analyte	Spike	LCS	LCS						
	Added	Result	Qualifier	Unit	D	%Rec	Limits		
2,4,5-T	66.7	51.6		ug/Kg		77	41 - 120		
Silvex (2,4,5-TP)	66.7	51.4		ug/Kg		77	39 - 125		
2,4-D	66.7	52.1		ug/Kg		78	40 - 120		
Dichlorprop	66.7	55.1		ug/Kg		83	34 - 121		
Pentachlorophenol	66.7	28.7		ug/Kg		43	10 - 120		
Picloram	66.7	46.1		ug/Kg		69	22 - 149		

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
2,4-Dichlorophenylacetic acid	86		28 - 129
2,4-Dichlorophenylacetic acid	74		28 - 129

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Lab Sample ID: MB 410-671022/4-A

Matrix: Water

Analysis Batch: 670538

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 671022

Analyte	MB	MB							
	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		4.0	1.1	ng/L		07/14/25 15:43	07/15/25 16:50	1
Perfluoropentanoic acid (PFPeA)	ND		2.0	0.60	ng/L		07/14/25 15:43	07/15/25 16:50	1

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QC Sample Results

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 410-671022/4-A

Matrix: Water

Analysis Batch: 670538

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 671022

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid (PFHxA)	ND		2.0	0.50	ng/L		07/14/25 15:43	07/15/25 16:50	1
Perfluoroheptanoic acid (PFHpA)	ND		2.0	0.80	ng/L		07/14/25 15:43	07/15/25 16:50	1
Perfluorooctanoic acid (PFOA)	ND		2.0	0.90	ng/L		07/14/25 15:43	07/15/25 16:50	1
Perfluorononanoic acid (PFNA)	ND		2.0	0.50	ng/L		07/14/25 15:43	07/15/25 16:50	1
Perfluorodecanoic acid (PFDA)	ND		2.0	0.50	ng/L		07/14/25 15:43	07/15/25 16:50	1
Perfluoroundecanoic acid (PFUnA)	ND		2.0	0.50	ng/L		07/14/25 15:43	07/15/25 16:50	1
Perfluorododecanoic acid (PFDoA)	ND		2.0	0.50	ng/L		07/14/25 15:43	07/15/25 16:50	1
Perfluorotridecanoic acid (PFTTrDA)	ND		2.0	0.50	ng/L		07/14/25 15:43	07/15/25 16:50	1
Perfluorotetradecanoic acid (PFTeDA)	ND		2.0	0.50	ng/L		07/14/25 15:43	07/15/25 16:50	1
Perfluorobutanesulfonic acid (PFBS)	ND		2.0	0.50	ng/L		07/14/25 15:43	07/15/25 16:50	1
Perfluoropentanesulfonic acid (PFPeS)	ND		2.0	0.50	ng/L		07/14/25 15:43	07/15/25 16:50	1
Perfluorohexanesulfonic acid (PFHxS)	ND		2.0	0.80	ng/L		07/14/25 15:43	07/15/25 16:50	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		2.0	0.50	ng/L		07/14/25 15:43	07/15/25 16:50	1
Perfluorooctanesulfonic acid (PFOS)	ND		2.0	1.3	ng/L		07/14/25 15:43	07/15/25 16:50	1
Perfluorononanesulfonic acid (PFNS)	ND		2.0	0.50	ng/L		07/14/25 15:43	07/15/25 16:50	1
Perfluorodecanesulfonic acid (PFDS)	ND		2.0	0.50	ng/L		07/14/25 15:43	07/15/25 16:50	1
Perfluorododecanesulfonic acid (PFDoS)	ND		2.0	0.60	ng/L		07/14/25 15:43	07/15/25 16:50	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		4.0	1.0	ng/L		07/14/25 15:43	07/15/25 16:50	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		4.0	1.0	ng/L		07/14/25 15:43	07/15/25 16:50	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		4.0	1.0	ng/L		07/14/25 15:43	07/15/25 16:50	1
Perfluorooctanesulfonamide (PFOSA)	ND		2.0	0.50	ng/L		07/14/25 15:43	07/15/25 16:50	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		2.0	0.50	ng/L		07/14/25 15:43	07/15/25 16:50	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		2.0	0.50	ng/L		07/14/25 15:43	07/15/25 16:50	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		2.0	0.50	ng/L		07/14/25 15:43	07/15/25 16:50	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		2.0	0.50	ng/L		07/14/25 15:43	07/15/25 16:50	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		10	2.5	ng/L		07/14/25 15:43	07/15/25 16:50	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		10	4.0	ng/L		07/14/25 15:43	07/15/25 16:50	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		2.0	1.4	ng/L		07/14/25 15:43	07/15/25 16:50	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		2.0	0.50	ng/L		07/14/25 15:43	07/15/25 16:50	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		2.0	0.50	ng/L		07/14/25 15:43	07/15/25 16:50	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		2.0	0.50	ng/L		07/14/25 15:43	07/15/25 16:50	1
Nonfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		2.0	0.50	ng/L		07/14/25 15:43	07/15/25 16:50	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		2.0	0.50	ng/L		07/14/25 15:43	07/15/25 16:50	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUDS)	ND		2.0	0.50	ng/L		07/14/25 15:43	07/15/25 16:50	1

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QC Sample Results

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 410-671022/4-A

Matrix: Water

Analysis Batch: 670538

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 671022

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro (2-ethoxyethane) sulfonic acid (PFEEA)	ND		2.0	0.50	ng/L		07/14/25 15:43	07/15/25 16:50	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		4.0	1.0	ng/L		07/14/25 15:43	07/15/25 16:50	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		10	2.8	ng/L		07/14/25 15:43	07/15/25 16:50	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		10	2.5	ng/L		07/14/25 15:43	07/15/25 16:50	1

Isotope Dilution	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	102		5 - 130	07/14/25 15:43	07/15/25 16:50	1
13C5 PFPeA	109		40 - 130	07/14/25 15:43	07/15/25 16:50	1
13C5 PFHxA	96.0		40 - 130	07/14/25 15:43	07/15/25 16:50	1
13C4 PFHpA	95.6		40 - 130	07/14/25 15:43	07/15/25 16:50	1
13C8 PFOA	103		40 - 130	07/14/25 15:43	07/15/25 16:50	1
13C9 PFNA	108		40 - 130	07/14/25 15:43	07/15/25 16:50	1
13C6 PFDA	97.5		40 - 130	07/14/25 15:43	07/15/25 16:50	1
13C7 PFUnA	97.4		30 - 130	07/14/25 15:43	07/15/25 16:50	1
13C2 PFTeDA	91.1		10 - 130	07/14/25 15:43	07/15/25 16:50	1
13C3 PFBS	110		40 - 135	07/14/25 15:43	07/15/25 16:50	1
13C3 PFHxS	106		40 - 130	07/14/25 15:43	07/15/25 16:50	1
13C8 PFOS	117		40 - 130	07/14/25 15:43	07/15/25 16:50	1
13C8 FOSA	111		40 - 130	07/14/25 15:43	07/15/25 16:50	1
d3-NMeFOSAA	94.1		40 - 170	07/14/25 15:43	07/15/25 16:50	1
d5-NEtFOSAA	94.1		25 - 135	07/14/25 15:43	07/15/25 16:50	1
13C2 4:2 FTS	106		40 - 200	07/14/25 15:43	07/15/25 16:50	1
13C2 6:2 FTS	104		40 - 200	07/14/25 15:43	07/15/25 16:50	1
13C2 8:2 FTS	99.7		40 - 300	07/14/25 15:43	07/15/25 16:50	1
13C3 HFPO-DA	86.5		40 - 130	07/14/25 15:43	07/15/25 16:50	1
d7-N-MeFOSE-M	85.7		10 - 130	07/14/25 15:43	07/15/25 16:50	1
d9-N-EtFOSE-M	79.7		10 - 130	07/14/25 15:43	07/15/25 16:50	1
d5-NEtPFOSA	92.0		10 - 130	07/14/25 15:43	07/15/25 16:50	1
d3-NMePFOSA	83.6		10 - 130	07/14/25 15:43	07/15/25 16:50	1
13C2 PFDoA	81.9		10 - 130	07/14/25 15:43	07/15/25 16:50	1

Lab Sample ID: LCS 410-671022/5-A

Matrix: Water

Analysis Batch: 671236

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 671022

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Perfluorobutanoic acid (PFBA)	80.0	71.8		ng/L		90	70 - 140
Perfluoropentanoic acid (PFPeA)	40.0	34.2		ng/L		85	65 - 135
Perfluorohexanoic acid (PFHxA)	40.0	36.8		ng/L		92	70 - 145
Perfluoroheptanoic acid (PFHpA)	40.0	36.0		ng/L		90	70 - 150
Perfluorooctanoic acid (PFOA)	40.0	33.8		ng/L		85	70 - 150
Perfluorononanoic acid (PFNA)	40.0	35.8		ng/L		89	70 - 150
Perfluorodecanoic acid (PFDA)	40.0	36.6		ng/L		91	70 - 140
Perfluoroundecanoic acid (PFUnA)	40.0	35.0		ng/L		88	70 - 145

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QC Sample Results

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-671022/5-A

Matrix: Water

Analysis Batch: 671236

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 671022

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorododecanoic acid (PFDoA)	40.0	35.3		ng/L		88	70 - 140
Perfluorotridecanoic acid (PFTTrDA)	40.0	36.2		ng/L		91	65 - 140
Perfluorotetradecanoic acid (PFTeDA)	40.0	33.2		ng/L		83	60 - 140
Perfluorobutanesulfonic acid (PFBS)	35.5	30.6		ng/L		86	60 - 145
Perfluoropentanesulfonic acid (PFPeS)	37.6	35.0		ng/L		93	65 - 140
Perfluorohexanesulfonic acid (PFHxS)	36.5	33.5		ng/L		92	65 - 145
Perfluoroheptanesulfonic acid (PFHpS)	38.2	35.1		ng/L		92	70 - 150
Perfluorooctanesulfonic acid (PFOS)	37.2	34.8		ng/L		93	55 - 150
Perfluorononanesulfonic acid (PFNS)	38.5	35.1		ng/L		91	65 - 145
Perfluorodecanesulfonic acid (PFDS)	38.6	34.5		ng/L		90	60 - 145
Perfluorododecanesulfonic acid (PFDoS)	38.8	31.8		ng/L		82	50 - 145
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	75.0	70.3		ng/L		94	70 - 145
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	76.2	74.5		ng/L		98	65 - 155
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	76.8	71.3		ng/L		93	60 - 150
Perfluorooctanesulfonamide (PFOSA)	40.0	34.8		ng/L		87	70 - 145
N-methylperfluorooctane sulfonamide (NMeFOSA)	40.0	37.8		ng/L		95	60 - 150
N-ethylperfluorooctane sulfonamide (NEtFOSA)	40.0	35.1		ng/L		88	65 - 145
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	40.0	37.4		ng/L		94	50 - 140
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	40.0	37.6		ng/L		94	70 - 145
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	200	185		ng/L		92	70 - 145
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	200	190		ng/L		95	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	30.0	26.1		ng/L		87	70 - 140
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	37.8	33.9		ng/L		90	65 - 145
Perfluoro-3-methoxypropanoic acid (PFMPA)	40.0	38.3		ng/L		96	55 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	40.0	34.8		ng/L		87	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	40.0	40.7		ng/L		102	50 - 150
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	37.4	31.9		ng/L		85	70 - 155

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QC Sample Results

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-671022/5-A

Matrix: Water

Analysis Batch: 671236

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 671022

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	37.8	33.3		ng/L		88	55 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	35.7	32.6		ng/L		91	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	80.0	66.6		ng/L		83	65 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	200	162		ng/L		81	70 - 135
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	200	143		ng/L		71	50 - 145

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
13C4 PFBA	121		5 - 130
13C5 PFPeA	134	*5+	40 - 130
13C5 PFHxA	118		40 - 130
13C4 PFHpA	114		40 - 130
13C8 PFOA	109		40 - 130
13C9 PFNA	99.6		40 - 130
13C6 PFDA	98.7		40 - 130
13C7 PFUnA	122		30 - 130
13C2 PFTeDA	109		10 - 130
13C3 PFBS	108		40 - 135
13C3 PFHxS	103		40 - 130
13C8 PFOS	94.4		40 - 130
13C8 FOSA	94.6		40 - 130
d3-NMeFOSAA	91.8		40 - 170
d5-NEtFOSAA	91.4		25 - 135
13C2 4:2 FTS	111		40 - 200
13C2 6:2 FTS	105		40 - 200
13C2 8:2 FTS	102		40 - 300
13C3 HFPO-DA	117		40 - 130
d7-N-MeFOSE-M	79.6		10 - 130
d9-N-EtFOSE-M	72.1		10 - 130
d5-NEtPFOSA	76.3		10 - 130
d3-NMePFOSA	71.7		10 - 130
13C2 PFDoA	113		10 - 130

Lab Sample ID: LCSD 410-671022/6-A

Matrix: Water

Analysis Batch: 671236

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 671022

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorobutanoic acid (PFBA)	80.0	62.6		ng/L		78	70 - 140	14	30
Perfluoropentanoic acid (PFPeA)	40.0	30.9		ng/L		77	65 - 135	10	30
Perfluorohexanoic acid (PFHxA)	40.0	30.0		ng/L		75	70 - 145	20	30
Perfluoroheptanoic acid (PFHpA)	40.0	31.3		ng/L		78	70 - 150	14	30
Perfluorooctanoic acid (PFOA)	40.0	29.3		ng/L		73	70 - 150	14	30
Perfluorononanoic acid (PFNA)	40.0	31.9		ng/L		80	70 - 150	11	30
Perfluorodecanoic acid (PFDA)	40.0	34.9		ng/L		87	70 - 140	5	30

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QC Sample Results

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCSD 410-671022/6-A

Matrix: Water

Analysis Batch: 671236

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 671022

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluoroundecanoic acid (PFUnA)	40.0	31.8		ng/L		79	70 - 145	10	30
Perfluorododecanoic acid (PFDoA)	40.0	31.8		ng/L		79	70 - 140	10	30
Perfluorotridecanoic acid (PFTrDA)	40.0	30.6		ng/L		76	65 - 140	17	30
Perfluorotetradecanoic acid (PFTeDA)	40.0	30.8		ng/L		77	60 - 140	8	30
Perfluorobutanesulfonic acid (PFBS)	35.5	27.9		ng/L		79	60 - 145	9	30
Perfluoropentanesulfonic acid (PFPeS)	37.6	30.6		ng/L		81	65 - 140	14	30
Perfluorohexanesulfonic acid (PFHxS)	36.5	29.1		ng/L		80	65 - 145	14	30
Perfluoroheptanesulfonic acid (PFHpS)	38.2	31.4		ng/L		82	70 - 150	11	30
Perfluorooctanesulfonic acid (PFOS)	37.2	29.5		ng/L		79	55 - 150	16	30
Perfluorononanesulfonic acid (PFNS)	38.5	29.9		ng/L		78	65 - 145	16	30
Perfluorodecanesulfonic acid (PFDS)	38.6	30.2		ng/L		78	60 - 145	13	30
Perfluorododecanesulfonic acid (PFDoS)	38.8	28.9		ng/L		74	50 - 145	10	30
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	75.0	61.8		ng/L		82	70 - 145	13	30
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	76.2	67.3		ng/L		88	65 - 155	10	30
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	76.8	66.9		ng/L		87	60 - 150	6	30
Perfluorooctanesulfonamide (PFOSA)	40.0	31.6		ng/L		79	70 - 145	9	30
N-methylperfluorooctane sulfonamide (NMeFOSA)	40.0	38.6		ng/L		96	60 - 150	2	30
N-ethylperfluorooctane sulfonamide (NEtFOSA)	40.0	32.6		ng/L		82	65 - 145	7	30
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	40.0	32.4		ng/L		81	50 - 140	14	30
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	40.0	32.8		ng/L		82	70 - 145	14	30
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	200	173		ng/L		86	70 - 145	6	30
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	200	171		ng/L		86	70 - 135	10	30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	30.0	24.9		ng/L		83	70 - 140	4	30
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	37.8	31.8		ng/L		84	65 - 145	6	30
Perfluoro-3-methoxypropanoic acid (PFMPA)	40.0	32.6		ng/L		81	55 - 140	16	30
Perfluoro-4-methoxybutanoic acid (PFMBA)	40.0	30.2		ng/L		76	60 - 150	14	30
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	40.0	33.2		ng/L		83	50 - 150	20	30

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QC Sample Results

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCSD 410-671022/6-A

Matrix: Water

Analysis Batch: 671236

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 671022

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9CI-PF3ONS)	37.4	27.3		ng/L		73	70 - 155	15	30
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11CI-PF3OUdS)	37.8	29.1		ng/L		77	55 - 160	14	30
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	35.7	30.4		ng/L		85	70 - 140	7	30
3-Perfluoropropylpropanoic acid (3:3 FTCA)	80.0	59.3		ng/L		74	65 - 130	12	30
3-Perfluoropentylpropanoic acid (5:3 FTCA)	200	141		ng/L		70	70 - 135	14	30
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	200	131		ng/L		65	50 - 145	9	30

Isotope Dilution	LCSD %Recovery	LCSD Qualifier	Limits
13C4 PFBA	115		5 - 130
13C5 PFPeA	125		40 - 130
13C5 PFHxA	115		40 - 130
13C4 PFHpA	111		40 - 130
13C8 PFOA	111		40 - 130
13C9 PFNA	107		40 - 130
13C6 PFDA	96.0		40 - 130
13C7 PFUnA	130		30 - 130
13C2 PFTeDA	114		10 - 130
13C3 PFBS	108		40 - 135
13C3 PFHxS	104		40 - 130
13C8 PFOS	103		40 - 130
13C8 FOSA	93.2		40 - 130
d3-NMeFOSAA	98.4		40 - 170
d5-NEtFOSAA	96.1		25 - 135
13C2 4:2 FTS	109		40 - 200
13C2 6:2 FTS	104		40 - 200
13C2 8:2 FTS	98.5		40 - 300
13C3 HFPO-DA	109		40 - 130
d7-N-MeFOSE-M	75.6		10 - 130
d9-N-EtFOSE-M	71.6		10 - 130
d5-NEtPFOSA	77.1		10 - 130
d3-NMePFOSA	72.2		10 - 130
13C2 PFDoA	113		10 - 130

Lab Sample ID: LLCS 410-671022/7-A

Matrix: Water

Analysis Batch: 671236

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 671022

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	8.00	7.05		ng/L		88	70 - 140
Perfluoropentanoic acid (PFPeA)	4.00	3.78		ng/L		94	65 - 135
Perfluorohexanoic acid (PFHxA)	4.00	3.79		ng/L		95	70 - 145
Perfluoroheptanoic acid (PFHpA)	4.00	3.37		ng/L		84	70 - 150
Perfluorooctanoic acid (PFOA)	4.00	4.21		ng/L		105	70 - 150

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QC Sample Results

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-671022/7-A

Matrix: Water

Analysis Batch: 671236

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 671022

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorononanoic acid (PFNA)	4.00	4.06		ng/L		102	70 - 150
Perfluorodecanoic acid (PFDA)	4.00	3.14		ng/L		79	70 - 140
Perfluoroundecanoic acid (PFUnA)	4.00	3.67		ng/L		92	70 - 145
Perfluorododecanoic acid (PFDoA)	4.00	3.56		ng/L		89	70 - 140
Perfluorotridecanoic acid (PFTrDA)	4.00	3.66		ng/L		92	65 - 140
Perfluorotetradecanoic acid (PFTeDA)	4.00	3.95		ng/L		99	60 - 140
Perfluorobutanesulfonic acid (PFBS)	3.55	3.36		ng/L		95	60 - 145
Perfluoropentanesulfonic acid (PFPeS)	3.76	3.77		ng/L		100	65 - 140
Perfluorohexanesulfonic acid (PFHxS)	3.65	3.40		ng/L		93	65 - 145
Perfluoroheptanesulfonic acid (PFHpS)	3.82	3.66		ng/L		96	70 - 150
Perfluorooctanesulfonic acid (PFOS)	3.72	4.06		ng/L		109	55 - 150
Perfluorononanesulfonic acid (PFNS)	3.85	3.61		ng/L		94	65 - 145
Perfluorodecanesulfonic acid (PFDS)	3.86	3.22		ng/L		83	60 - 145
Perfluorododecanesulfonic acid (PFDoS)	3.88	3.23		ng/L		83	50 - 145
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	7.50	6.97		ng/L		93	70 - 145
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	7.62	7.45		ng/L		98	65 - 155
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	7.68	7.03		ng/L		92	60 - 150
Perfluorooctanesulfonamide (PFOSA)	4.00	4.04		ng/L		101	70 - 145
N-methylperfluorooctane sulfonamide (NMeFOSA)	4.00	3.76		ng/L		94	60 - 150
N-ethylperfluorooctane sulfonamide (NEtFOSA)	4.00	3.27		ng/L		82	65 - 145
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	4.00	3.48		ng/L		87	50 - 140
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	4.00	3.34		ng/L		84	70 - 145
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	20.0	18.1		ng/L		91	70 - 145
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	20.0	19.5		ng/L		98	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	3.00	2.67		ng/L		89	70 - 140
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	3.78	3.43		ng/L		91	65 - 145
Perfluoro-3-methoxypropanoic acid (PFMPA)	4.00	3.58		ng/L		89	55 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	4.00	3.47		ng/L		87	60 - 150

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QC Sample Results

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-671022/7-A

Matrix: Water

Analysis Batch: 671236

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 671022

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Nonafluoro-3,6-dioxahheptanoic acid (NFDHA)	4.00	3.87		ng/L		97	50 - 150
9-Chlorohexadecafluoro-3-oxan onane-1-sulfonic acid (9CI-PF3ONS)	3.74	3.49		ng/L		93	70 - 155
11-Chloroeicosafluoro-3-oxaund ecane-1-sulfonic acid (11CI-PF3OUdS)	3.78	3.31		ng/L		88	55 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEEESA)	3.57	3.37		ng/L		94	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	8.00	6.43		ng/L		80	65 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	20.0	16.1		ng/L		81	70 - 135
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	20.0	13.9		ng/L		69	50 - 145

LLCS LLCS			
Isotope Dilution	%Recovery	Qualifier	Limits
13C4 PFBA	120		5 - 130
13C5 PFPeA	137	*5+	40 - 130
13C5 PFHxA	124		40 - 130
13C4 PFHpA	130		40 - 130
13C8 PFOA	113		40 - 130
13C9 PFNA	112		40 - 130
13C6 PFDA	111		40 - 130
13C7 PFUnA	116		30 - 130
13C2 PFTeDA	119		10 - 130
13C3 PFBS	122		40 - 135
13C3 PFHxS	117		40 - 130
13C8 PFOS	116		40 - 130
13C8 FOSA	102		40 - 130
d3-NMeFOSAA	107		40 - 170
d5-NEtFOSAA	106		25 - 135
13C2 4:2 FTS	118		40 - 200
13C2 6:2 FTS	115		40 - 200
13C2 8:2 FTS	111		40 - 300
13C3 HFPO-DA	125		40 - 130
d7-N-MeFOSE-M	84.2		10 - 130
d9-N-EtFOSE-M	73.4		10 - 130
d5-NEtPFOSA	83.7		10 - 130
d3-NMePFOSA	75.5		10 - 130
13C2 PFDaA	119		10 - 130

Lab Sample ID: MB 410-673310/1-A

Matrix: Solid

Analysis Batch: 673901

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 673310

MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Analyte	Result							
Perfluorobutanoic acid (PFBA)	ND	0.40	0.13	ng/g		07/18/25 14:16	07/21/25 10:43	1
Perfluoropentanoic acid (PFPeA)	ND	0.20	0.050	ng/g		07/18/25 14:16	07/21/25 10:43	1
Perfluorohexanoic acid (PFHxA)	ND	0.20	0.060	ng/g		07/18/25 14:16	07/21/25 10:43	1

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QC Sample Results

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 410-673310/1-A

Matrix: Solid

Analysis Batch: 673901

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 673310

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.070	ng/g		07/18/25 14:16	07/21/25 10:43	1
Perfluorooctanoic acid (PFOA)	ND		0.20	0.060	ng/g		07/18/25 14:16	07/21/25 10:43	1
Perfluorononanoic acid (PFNA)	ND		0.20	0.060	ng/g		07/18/25 14:16	07/21/25 10:43	1
Perfluorodecanoic acid (PFDA)	ND		0.20	0.050	ng/g		07/18/25 14:16	07/21/25 10:43	1
Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.050	ng/g		07/18/25 14:16	07/21/25 10:43	1
Perfluorododecanoic acid (PFDoA)	ND		0.20	0.050	ng/g		07/18/25 14:16	07/21/25 10:43	1
Perfluorotridecanoic acid (PFTTrDA)	ND		0.20	0.070	ng/g		07/18/25 14:16	07/21/25 10:43	1
Perfluorotetradecanoic acid (PFTeDA)	ND		0.20	0.070	ng/g		07/18/25 14:16	07/21/25 10:43	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.070	ng/g		07/18/25 14:16	07/21/25 10:43	1
Perfluoropentanesulfonic acid (PFPeS)	ND		0.20	0.060	ng/g		07/18/25 14:16	07/21/25 10:43	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.050	ng/g		07/18/25 14:16	07/21/25 10:43	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.070	ng/g		07/18/25 14:16	07/21/25 10:43	1
Perfluorooctanesulfonic acid (PFOS)	ND		0.20	0.11	ng/g		07/18/25 14:16	07/21/25 10:43	1
Perfluorononanesulfonic acid (PFNS)	ND		0.20	0.070	ng/g		07/18/25 14:16	07/21/25 10:43	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.050	ng/g		07/18/25 14:16	07/21/25 10:43	1
Perfluorododecanesulfonic acid (PFDoS)	ND		0.20	0.060	ng/g		07/18/25 14:16	07/21/25 10:43	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.40	0.10	ng/g		07/18/25 14:16	07/21/25 10:43	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.40	0.13	ng/g		07/18/25 14:16	07/21/25 10:43	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.40	0.13	ng/g		07/18/25 14:16	07/21/25 10:43	1
Perfluorooctanesulfonamide (PFOSA)	ND		0.20	0.090	ng/g		07/18/25 14:16	07/21/25 10:43	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.20	0.090	ng/g		07/18/25 14:16	07/21/25 10:43	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.20	0.10	ng/g		07/18/25 14:16	07/21/25 10:43	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.080	ng/g		07/18/25 14:16	07/21/25 10:43	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.11	ng/g		07/18/25 14:16	07/21/25 10:43	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		1.0	0.30	ng/g		07/18/25 14:16	07/21/25 10:43	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		1.0	0.30	ng/g		07/18/25 14:16	07/21/25 10:43	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.20	0.11	ng/g		07/18/25 14:16	07/21/25 10:43	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.20	0.060	ng/g		07/18/25 14:16	07/21/25 10:43	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.20	0.070	ng/g		07/18/25 14:16	07/21/25 10:43	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.20	0.050	ng/g		07/18/25 14:16	07/21/25 10:43	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.20	0.070	ng/g		07/18/25 14:16	07/21/25 10:43	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		0.20	0.090	ng/g		07/18/25 14:16	07/21/25 10:43	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.20	0.080	ng/g		07/18/25 14:16	07/21/25 10:43	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEEESA)	ND		0.20	0.050	ng/g		07/18/25 14:16	07/21/25 10:43	1

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QC Sample Results

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 410-673310/1-A

Matrix: Solid

Analysis Batch: 673901

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 673310

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.40	0.20	ng/g		07/18/25 14:16	07/21/25 10:43	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		1.0	0.50	ng/g		07/18/25 14:16	07/21/25 10:43	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		1.0	0.40	ng/g		07/18/25 14:16	07/21/25 10:43	1

Isotope Dilution	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	111		8 - 130	07/18/25 14:16	07/21/25 10:43	1
13C5 PFPeA	111		35 - 130	07/18/25 14:16	07/21/25 10:43	1
13C5 PFHxA	106		40 - 130	07/18/25 14:16	07/21/25 10:43	1
13C4 PFHpA	103		40 - 130	07/18/25 14:16	07/21/25 10:43	1
13C8 PFOA	109		40 - 130	07/18/25 14:16	07/21/25 10:43	1
13C9 PFNA	108		40 - 130	07/18/25 14:16	07/21/25 10:43	1
13C6 PFDA	107		40 - 130	07/18/25 14:16	07/21/25 10:43	1
13C7 PFUnA	110		40 - 130	07/18/25 14:16	07/21/25 10:43	1
13C2 PFTeDA	107		20 - 130	07/18/25 14:16	07/21/25 10:43	1
13C3 PFBS	109		40 - 135	07/18/25 14:16	07/21/25 10:43	1
13C3 PFHxS	108		40 - 130	07/18/25 14:16	07/21/25 10:43	1
13C8 PFOS	105		40 - 130	07/18/25 14:16	07/21/25 10:43	1
13C8 FOSA	98.5		40 - 130	07/18/25 14:16	07/21/25 10:43	1
d3-NMeFOSAA	112		40 - 135	07/18/25 14:16	07/21/25 10:43	1
d5-NEtFOSAA	111		40 - 150	07/18/25 14:16	07/21/25 10:43	1
13C2 4:2 FTS	126		40 - 165	07/18/25 14:16	07/21/25 10:43	1
13C2 6:2 FTS	128		40 - 215	07/18/25 14:16	07/21/25 10:43	1
13C2 8:2 FTS	120		40 - 275	07/18/25 14:16	07/21/25 10:43	1
13C3 HFPO-DA	105		40 - 130	07/18/25 14:16	07/21/25 10:43	1
d7-N-MeFOSE-M	72.4		20 - 130	07/18/25 14:16	07/21/25 10:43	1
d9-N-EtFOSE-M	61.0		15 - 130	07/18/25 14:16	07/21/25 10:43	1
d5-NEtPFOSA	84.7		10 - 130	07/18/25 14:16	07/21/25 10:43	1
d3-NMePFOSA	85.9		10 - 130	07/18/25 14:16	07/21/25 10:43	1
13C2 PFDaA	109		40 - 130	07/18/25 14:16	07/21/25 10:43	1

Lab Sample ID: LCS 410-673310/2-A

Matrix: Solid

Analysis Batch: 673901

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 673310

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	5.00	4.08		ng/g		82	70 - 140
Perfluoropentanoic acid (PFPeA)	2.50	1.86		ng/g		74	60 - 150
Perfluorohexanoic acid (PFHxA)	2.50	1.96		ng/g		78	65 - 140
Perfluoroheptanoic acid (PFHpA)	2.50	1.96		ng/g		78	65 - 145
Perfluorooctanoic acid (PFOA)	2.50	1.79		ng/g		72	70 - 150
Perfluorononanoic acid (PFNA)	2.50	1.99		ng/g		80	70 - 155
Perfluorodecanoic acid (PFDA)	2.50	2.08		ng/g		83	70 - 155
Perfluoroundecanoic acid (PFUnA)	2.50	1.95		ng/g		78	70 - 155
Perfluorododecanoic acid (PFDaA)	2.50	2.09		ng/g		84	70 - 150

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QC Sample Results

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-673310/2-A

Matrix: Solid

Analysis Batch: 673901

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 673310

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorotridecanoic acid (PFTTrDA)	2.50	1.92		ng/g		77	65 - 150
Perfluorotetradecanoic acid (PFTTeDA)	2.50	1.79		ng/g		72	65 - 150
Perfluorobutanesulfonic acid (PFBS)	2.22	1.65		ng/g		74	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	2.35	1.95		ng/g		83	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	2.28	1.74		ng/g		76	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	2.39	1.82		ng/g		76	65 - 155
Perfluorooctanesulfonic acid (PFOS)	2.33	1.79		ng/g		77	65 - 160
Perfluorononanesulfonic acid (PFNS)	2.41	1.75		ng/g		73	55 - 140
Perfluorodecanesulfonic acid (PFDS)	2.41	1.81		ng/g		75	40 - 155
Perfluorododecanesulfonic acid (PFDoS)	2.43	1.62		ng/g		67	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	4.69	4.10		ng/g		87	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	4.76	4.19		ng/g		88	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	4.80	4.13		ng/g		86	70 - 150
Perfluorooctanesulfonamide (PFOSA)	2.50	2.18		ng/g		87	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	2.50	1.98		ng/g		79	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	2.50	1.83		ng/g		73	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.50	1.86		ng/g		74	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.50	2.51		ng/g		100	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	12.5	11.0		ng/g		88	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	12.5	11.3		ng/g		91	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	1.88	1.59		ng/g		85	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	2.37	1.90		ng/g		81	70 - 160
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.50	1.82		ng/g		73	30 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	2.50	1.74		ng/g		69	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	2.50	1.87		ng/g		75	60 - 155
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	2.34	1.66		ng/g		71	70 - 150
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	2.36	1.73		ng/g		73	45 - 160

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QC Sample Results

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-673310/2-A

Matrix: Solid

Analysis Batch: 673901

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 673310

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoro (2-ethoxyethane) sulfonic acid (PFEEA)	2.23	1.83		ng/g		82	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	5.00	3.85		ng/g		77	45 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	12.5	9.00		ng/g		72	60 - 130
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	12.5	8.09		ng/g		65	60 - 150

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
13C4 PFBA	111		8 - 130
13C5 PFPeA	117		35 - 130
13C5 PFHxA	108		40 - 130
13C4 PFHpA	97.3		40 - 130
13C8 PFOA	107		40 - 130
13C9 PFNA	106		40 - 130
13C6 PFDA	97.2		40 - 130
13C7 PFUnA	106		40 - 130
13C2 PFTeDA	104		20 - 130
13C3 PFBS	102		40 - 135
13C3 PFHxS	101		40 - 130
13C8 PFOS	102		40 - 130
13C8 FOSA	98.0		40 - 130
d3-NMeFOSAA	109		40 - 135
d5-NEtFOSAA	104		40 - 150
13C2 4:2 FTS	118		40 - 165
13C2 6:2 FTS	118		40 - 215
13C2 8:2 FTS	110		40 - 275
13C3 HFPO-DA	101		40 - 130
d7-N-MeFOSE-M	73.5		20 - 130
d9-N-EtFOSE-M	64.1		15 - 130
d5-NEtPFOSA	79.4		10 - 130
d3-NMePFOSA	75.8		10 - 130
13C2 PFDoA	94.1		40 - 130

Lab Sample ID: LLCS 410-673310/3-A

Matrix: Solid

Analysis Batch: 673475

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 673310

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	0.500	0.479		ng/g		96	70 - 140
Perfluoropentanoic acid (PFPeA)	0.250	0.232		ng/g		93	60 - 150
Perfluorohexanoic acid (PFHxA)	0.250	0.233		ng/g		93	65 - 140
Perfluoroheptanoic acid (PFHpA)	0.250	0.233		ng/g		93	65 - 145
Perfluorooctanoic acid (PFOA)	0.250	0.215		ng/g		86	70 - 150
Perfluorononanoic acid (PFNA)	0.250	0.252		ng/g		101	70 - 155
Perfluorodecanoic acid (PFDA)	0.250	0.237		ng/g		95	70 - 155
Perfluoroundecanoic acid (PFUnA)	0.250	0.216		ng/g		86	70 - 155

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QC Sample Results

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-673310/3-A

Matrix: Solid

Analysis Batch: 673475

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 673310

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorododecanoic acid (PFDoA)	0.250	0.244		ng/g		98	70 - 150
Perfluorotridecanoic acid (PFTTrDA)	0.250	0.214		ng/g		86	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	0.250	0.250		ng/g		100	65 - 150
Perfluorobutanesulfonic acid (PFBS)	0.222	0.208		ng/g		94	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	0.235	0.246		ng/g		105	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	0.228	0.216		ng/g		95	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	0.239	0.226		ng/g		95	65 - 155
Perfluorooctanesulfonic acid (PFOS)	0.233	0.232		ng/g		100	65 - 160
Perfluorononanesulfonic acid (PFNS)	0.241	0.224		ng/g		93	55 - 140
Perfluorodecanesulfonic acid (PFDS)	0.241	0.207		ng/g		86	40 - 155
Perfluorododecanesulfonic acid (PFDoS)	0.243	0.181	J	ng/g		75	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.469	0.477		ng/g		102	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.476	0.452		ng/g		95	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.480	0.439		ng/g		91	70 - 150
Perfluorooctanesulfonamide (PFOSA)	0.250	0.261		ng/g		104	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.250	0.263		ng/g		105	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.250	0.223		ng/g		89	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.250	0.221		ng/g		88	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.250	0.241		ng/g		96	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.25	1.31		ng/g		105	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.25	1.27		ng/g		101	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.188	0.164	J	ng/g		88	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.237	0.217		ng/g		92	70 - 160
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.250	0.234		ng/g		94	30 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.250	0.227		ng/g		91	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.250	0.241		ng/g		96	60 - 155
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.234	0.210		ng/g		90	70 - 150

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QC Sample Results

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-673310/3-A

Matrix: Solid

Analysis Batch: 673475

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 673310

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.236	0.198	J	ng/g		84	45 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.223	0.197	J	ng/g		88	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.500	0.458		ng/g		92	45 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.25	1.01		ng/g		81	60 - 130
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.25	0.859	J	ng/g		69	60 - 150

Isotope Dilution	LLCS %Recovery	LLCS Qualifier	Limits
13C4 PFBA	115		8 - 130
13C5 PFPeA	123		35 - 130
13C5 PFHxA	122		40 - 130
13C4 PFHpA	113		40 - 130
13C8 PFOA	116		40 - 130
13C9 PFNA	109		40 - 130
13C6 PFDA	110		40 - 130
13C7 PFUnA	117		40 - 130
13C2 PFTeDA	104		20 - 130
13C3 PFBS	114		40 - 135
13C3 PFHxS	111		40 - 130
13C8 PFOS	111		40 - 130
13C8 FOSA	99.0		40 - 130
d3-NMeFOSAA	106		40 - 135
d5-NEtFOSAA	93.8		40 - 150
13C2 4:2 FTS	120		40 - 165
13C2 6:2 FTS	124		40 - 215
13C2 8:2 FTS	117		40 - 275
13C3 HFPO-DA	119		40 - 130
d7-N-MeFOSE-M	69.6		20 - 130
d9-N-EtFOSE-M	59.2		15 - 130
d5-NEtPFOSA	70.1		10 - 130
d3-NMePFOSA	70.4		10 - 130
13C2 PFDoA	116		40 - 130

Lab Sample ID: MB 410-674050/1-A

Matrix: Solid

Analysis Batch: 675863

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 674050

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.40	0.13	ng/g		07/21/25 14:12	07/25/25 00:39	1
Perfluoropentanoic acid (PFPeA)	ND		0.20	0.050	ng/g		07/21/25 14:12	07/25/25 00:39	1
Perfluorohexanoic acid (PFHxA)	ND		0.20	0.060	ng/g		07/21/25 14:12	07/25/25 00:39	1
Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.070	ng/g		07/21/25 14:12	07/25/25 00:39	1
Perfluorooctanoic acid (PFOA)	ND		0.20	0.060	ng/g		07/21/25 14:12	07/25/25 00:39	1
Perfluorononanoic acid (PFNA)	ND		0.20	0.060	ng/g		07/21/25 14:12	07/25/25 00:39	1
Perfluorodecanoic acid (PFDA)	ND		0.20	0.050	ng/g		07/21/25 14:12	07/25/25 00:39	1

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QC Sample Results

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 410-674050/1-A

Matrix: Solid

Analysis Batch: 675863

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 674050

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.050	ng/g		07/21/25 14:12	07/25/25 00:39	1
Perfluorododecanoic acid (PFDoA)	ND		0.20	0.050	ng/g		07/21/25 14:12	07/25/25 00:39	1
Perfluorotridecanoic acid (PFTTrDA)	ND		0.20	0.070	ng/g		07/21/25 14:12	07/25/25 00:39	1
Perfluorotetradecanoic acid (PFTeDA)	ND		0.20	0.070	ng/g		07/21/25 14:12	07/25/25 00:39	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.070	ng/g		07/21/25 14:12	07/25/25 00:39	1
Perfluoropentanesulfonic acid (PFPeS)	ND		0.20	0.060	ng/g		07/21/25 14:12	07/25/25 00:39	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.050	ng/g		07/21/25 14:12	07/25/25 00:39	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.070	ng/g		07/21/25 14:12	07/25/25 00:39	1
Perfluorooctanesulfonic acid (PFOS)	ND		0.20	0.11	ng/g		07/21/25 14:12	07/25/25 00:39	1
Perfluorononanesulfonic acid (PFNS)	ND		0.20	0.070	ng/g		07/21/25 14:12	07/25/25 00:39	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.050	ng/g		07/21/25 14:12	07/25/25 00:39	1
Perfluorododecanesulfonic acid (PFDoS)	ND		0.20	0.060	ng/g		07/21/25 14:12	07/25/25 00:39	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.40	0.10	ng/g		07/21/25 14:12	07/25/25 00:39	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.40	0.13	ng/g		07/21/25 14:12	07/25/25 00:39	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.40	0.13	ng/g		07/21/25 14:12	07/25/25 00:39	1
Perfluorooctanesulfonamide (PFOSA)	ND		0.20	0.090	ng/g		07/21/25 14:12	07/25/25 00:39	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.20	0.090	ng/g		07/21/25 14:12	07/25/25 00:39	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.20	0.10	ng/g		07/21/25 14:12	07/25/25 00:39	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.080	ng/g		07/21/25 14:12	07/25/25 00:39	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.11	ng/g		07/21/25 14:12	07/25/25 00:39	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		1.0	0.30	ng/g		07/21/25 14:12	07/25/25 00:39	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		1.0	0.30	ng/g		07/21/25 14:12	07/25/25 00:39	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.20	0.11	ng/g		07/21/25 14:12	07/25/25 00:39	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.20	0.060	ng/g		07/21/25 14:12	07/25/25 00:39	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.20	0.070	ng/g		07/21/25 14:12	07/25/25 00:39	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.20	0.050	ng/g		07/21/25 14:12	07/25/25 00:39	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.20	0.070	ng/g		07/21/25 14:12	07/25/25 00:39	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		0.20	0.090	ng/g		07/21/25 14:12	07/25/25 00:39	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.20	0.080	ng/g		07/21/25 14:12	07/25/25 00:39	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.20	0.050	ng/g		07/21/25 14:12	07/25/25 00:39	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.40	0.20	ng/g		07/21/25 14:12	07/25/25 00:39	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		1.0	0.50	ng/g		07/21/25 14:12	07/25/25 00:39	1

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QC Sample Results

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 410-674050/1-A

Matrix: Solid

Analysis Batch: 675863

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 674050

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		1.0	0.40	ng/g		07/21/25 14:12	07/25/25 00:39	1
Isotope Dilution	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	65.6		8 - 130				07/21/25 14:12	07/25/25 00:39	1
13C5 PFPeA	67.4		35 - 130				07/21/25 14:12	07/25/25 00:39	1
13C5 PFHxA	63.0		40 - 130				07/21/25 14:12	07/25/25 00:39	1
13C4 PFHpA	55.2		40 - 130				07/21/25 14:12	07/25/25 00:39	1
13C8 PFOA	58.3		40 - 130				07/21/25 14:12	07/25/25 00:39	1
13C9 PFNA	66.5		40 - 130				07/21/25 14:12	07/25/25 00:39	1
13C6 PFDA	63.6		40 - 130				07/21/25 14:12	07/25/25 00:39	1
13C7 PFUnA	77.2		40 - 130				07/21/25 14:12	07/25/25 00:39	1
13C2 PFTeDA	69.9		20 - 130				07/21/25 14:12	07/25/25 00:39	1
13C3 PFBS	60.7		40 - 135				07/21/25 14:12	07/25/25 00:39	1
13C3 PFHxS	66.1		40 - 130				07/21/25 14:12	07/25/25 00:39	1
13C8 PFOS	69.9		40 - 130				07/21/25 14:12	07/25/25 00:39	1
13C8 FOSA	58.5		40 - 130				07/21/25 14:12	07/25/25 00:39	1
d3-NMeFOSAA	69.7		40 - 135				07/21/25 14:12	07/25/25 00:39	1
d5-NEtFOSAA	73.4		40 - 150				07/21/25 14:12	07/25/25 00:39	1
13C2 4:2 FTS	59.9		40 - 165				07/21/25 14:12	07/25/25 00:39	1
13C2 6:2 FTS	60.0		40 - 215				07/21/25 14:12	07/25/25 00:39	1
13C2 8:2 FTS	62.7		40 - 275				07/21/25 14:12	07/25/25 00:39	1
13C3 HFPO-DA	60.5		40 - 130				07/21/25 14:12	07/25/25 00:39	1
d7-N-MeFOSE-M	36.2		20 - 130				07/21/25 14:12	07/25/25 00:39	1
d9-N-EtFOSE-M	38.0		15 - 130				07/21/25 14:12	07/25/25 00:39	1
d5-NEtPFOSA	53.6		10 - 130				07/21/25 14:12	07/25/25 00:39	1
d3-NMePFOSA	49.0		10 - 130				07/21/25 14:12	07/25/25 00:39	1
13C2 PFDoA	79.0		40 - 130				07/21/25 14:12	07/25/25 00:39	1

Lab Sample ID: LCS 410-674050/2-A

Matrix: Solid

Analysis Batch: 675863

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 674050

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	5.00	5.02		ng/g		100	70 - 140
Perfluoropentanoic acid (PFPeA)	2.50	2.04		ng/g		82	60 - 150
Perfluorohexanoic acid (PFHxA)	2.50	2.19		ng/g		88	65 - 140
Perfluoroheptanoic acid (PFHpA)	2.50	2.42		ng/g		97	65 - 145
Perfluorooctanoic acid (PFOA)	2.50	2.38		ng/g		95	70 - 150
Perfluorononanoic acid (PFNA)	2.50	2.07		ng/g		83	70 - 155
Perfluorodecanoic acid (PFDA)	2.50	2.29		ng/g		92	70 - 155
Perfluoroundecanoic acid (PFUnA)	2.50	2.23		ng/g		89	70 - 155
Perfluorododecanoic acid (PFDoA)	2.50	2.29		ng/g		91	70 - 150
Perfluorotridecanoic acid (PFTTrDA)	2.50	2.27		ng/g		91	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	2.50	2.23		ng/g		89	65 - 150

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QC Sample Results

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-674050/2-A

Matrix: Solid

Analysis Batch: 675863

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 674050

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanesulfonic acid (PFBS)	2.22	1.85		ng/g		83	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	2.35	2.13		ng/g		91	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	2.28	1.86		ng/g		81	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	2.39	2.02		ng/g		85	65 - 155
Perfluorooctanesulfonic acid (PFOS)	2.33	1.90		ng/g		82	65 - 160
Perfluorononanesulfonic acid (PFNS)	2.41	1.96		ng/g		82	55 - 140
Perfluorodecanesulfonic acid (PFDS)	2.41	1.75		ng/g		73	40 - 155
Perfluorododecanesulfonic acid (PFDoS)	2.43	1.51		ng/g		62	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	4.69	4.46		ng/g		95	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	4.76	4.71		ng/g		99	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	4.80	4.66		ng/g		97	70 - 150
Perfluorooctanesulfonamide (PFOSA)	2.50	2.50		ng/g		100	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	2.50	2.21		ng/g		88	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	2.50	2.31		ng/g		92	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.50	1.97		ng/g		79	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.50	2.30		ng/g		92	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	12.5	12.7		ng/g		102	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	12.5	12.2		ng/g		97	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	1.88	1.83		ng/g		98	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	2.37	2.13		ng/g		90	70 - 160
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.50	2.38		ng/g		95	30 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	2.50	2.10		ng/g		84	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	2.50	2.19		ng/g		88	60 - 155
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	2.34	1.76		ng/g		75	70 - 150
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	2.36	1.79		ng/g		76	45 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	2.23	1.83		ng/g		82	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	5.00	4.24		ng/g		85	45 - 130

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QC Sample Results

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-674050/2-A

Matrix: Solid

Analysis Batch: 675863

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 674050

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
3-Perfluoropentylpropanoic acid (5:3 FTCA)	12.5	10.2		ng/g		82	60 - 130
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	12.5	9.10		ng/g		73	60 - 150

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
13C4 PFBA	84.4		8 - 130
13C5 PFPeA	96.4		35 - 130
13C5 PFHxA	91.0		40 - 130
13C4 PFHpA	83.5		40 - 130
13C8 PFOA	82.6		40 - 130
13C9 PFNA	94.0		40 - 130
13C6 PFDA	81.0		40 - 130
13C7 PFUnA	90.7		40 - 130
13C2 PFTeDA	74.8		20 - 130
13C3 PFBS	90.8		40 - 135
13C3 PFHxS	85.9		40 - 130
13C8 PFOS	85.0		40 - 130
13C8 FOSA	79.0		40 - 130
d3-NMeFOSAA	86.2		40 - 135
d5-NEtFOSAA	83.7		40 - 150
13C2 4:2 FTS	88.6		40 - 165
13C2 6:2 FTS	88.1		40 - 215
13C2 8:2 FTS	83.4		40 - 275
13C3 HFPO-DA	86.2		40 - 130
d7-N-MeFOSE-M	44.0		20 - 130
d9-N-EtFOSE-M	39.9		15 - 130
d5-NEtPFOSA	56.4		10 - 130
d3-NMePFOSA	62.4		10 - 130
13C2 PFDoA	80.8		40 - 130

Lab Sample ID: LLCS 410-674050/3-A

Matrix: Solid

Analysis Batch: 675863

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 674050

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	0.500	0.508		ng/g		102	70 - 140
Perfluoropentanoic acid (PFPeA)	0.250	0.232		ng/g		93	60 - 150
Perfluorohexanoic acid (PFHxA)	0.250	0.286		ng/g		114	65 - 140
Perfluoroheptanoic acid (PFHpA)	0.250	0.259		ng/g		103	65 - 145
Perfluorooctanoic acid (PFOA)	0.250	0.256		ng/g		103	70 - 150
Perfluorononanoic acid (PFNA)	0.250	0.221		ng/g		88	70 - 155
Perfluorodecanoic acid (PFDA)	0.250	0.241		ng/g		96	70 - 155
Perfluoroundecanoic acid (PFUnA)	0.250	0.223		ng/g		89	70 - 155
Perfluorododecanoic acid (PFDoA)	0.250	0.252		ng/g		101	70 - 150
Perfluorotridecanoic acid (PFTTrDA)	0.250	0.270		ng/g		108	65 - 150

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QC Sample Results

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-674050/3-A

Matrix: Solid

Analysis Batch: 675863

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 674050

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorotetradecanoic acid (PFTeDA)	0.250	0.202		ng/g		81	65 - 150
Perfluorobutanesulfonic acid (PFBS)	0.222	0.215		ng/g		97	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	0.235	0.206		ng/g		88	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	0.228	0.228		ng/g		100	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	0.239	0.207		ng/g		87	65 - 155
Perfluorooctanesulfonic acid (PFOS)	0.233	0.225		ng/g		97	65 - 160
Perfluorononanesulfonic acid (PFNS)	0.241	0.205		ng/g		85	55 - 140
Perfluorodecanesulfonic acid (PFDS)	0.241	0.198	J	ng/g		82	40 - 155
Perfluorododecanesulfonic acid (PFDoS)	0.243	0.171	J	ng/g		71	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.469	0.455		ng/g		97	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.476	0.452		ng/g		95	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.480	0.460		ng/g		96	70 - 150
Perfluorooctanesulfonamide (PFOSA)	0.250	0.260		ng/g		104	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.250	0.202		ng/g		81	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.250	0.237		ng/g		95	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.250	0.208		ng/g		83	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.250	0.249		ng/g		100	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.25	1.14		ng/g		91	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.25	1.14		ng/g		91	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.188	0.187	J	ng/g		100	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.237	0.227		ng/g		96	70 - 160
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.250	0.233		ng/g		93	30 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.250	0.228		ng/g		91	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.250	0.243		ng/g		97	60 - 155
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.234	0.211		ng/g		90	70 - 150
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.236	0.206		ng/g		87	45 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEEESA)	0.223	0.192	J	ng/g		86	70 - 140

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QC Sample Results

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-674050/3-A

Matrix: Solid

Analysis Batch: 675863

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 674050

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.500	0.362	J	ng/g		72	45 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.25	0.968	J	ng/g		77	60 - 130
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.25	1.02		ng/g		81	60 - 150

Isotope Dilution	LLCS %Recovery	LLCS Qualifier	Limits
13C4 PFBA	57.3		8 - 130
13C5 PFPeA	63.6		35 - 130
13C5 PFHxA	56.5		40 - 130
13C4 PFHpA	54.9		40 - 130
13C8 PFOA	52.2		40 - 130
13C9 PFNA	55.3		40 - 130
13C6 PFDA	56.5		40 - 130
13C7 PFUnA	70.8		40 - 130
13C2 PFTeDA	59.7		20 - 130
13C3 PFBS	53.8		40 - 135
13C3 PFHxS	56.1		40 - 130
13C8 PFOS	60.5		40 - 130
13C8 FOSA	50.7		40 - 130
d3-NMeFOSAA	64.3		40 - 135
d5-NEtFOSAA	61.7		40 - 150
13C2 4:2 FTS	54.3		40 - 165
13C2 6:2 FTS	52.9		40 - 215
13C2 8:2 FTS	54.7		40 - 275
13C3 HFPO-DA	55.6		40 - 130
d7-N-MeFOSE-M	46.0		20 - 130
d9-N-EtFOSE-M	42.0		15 - 130
d5-NEtPFOSA	46.3		10 - 130
d3-NMePFOSA	47.0		10 - 130
13C2 PFDaA	62.0		40 - 130

Lab Sample ID: 480-231006-4 MS

Matrix: Solid

Analysis Batch: 675863

Client Sample ID: SB1-7'-8'

Prep Type: Total/NA

Prep Batch: 674050

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	ND		4.89	5.06		ng/g	⊛	103	70 - 140
Perfluoropentanoic acid (PFPeA)	ND		2.45	2.10		ng/g	⊛	86	60 - 150
Perfluorohexanoic acid (PFHxA)	ND		2.45	2.17		ng/g	⊛	89	65 - 140
Perfluoroheptanoic acid (PFHpA)	ND		2.45	2.27		ng/g	⊛	93	65 - 145
Perfluorooctanoic acid (PFOA)	ND		2.45	2.28		ng/g	⊛	93	70 - 150
Perfluorononanoic acid (PFNA)	ND		2.45	2.32		ng/g	⊛	95	70 - 155
Perfluorodecanoic acid (PFDA)	ND		2.45	1.96		ng/g	⊛	80	70 - 155
Perfluoroundecanoic acid (PFUnA)	ND		2.45	2.33		ng/g	⊛	95	70 - 155
Perfluorododecanoic acid (PFDaA)	ND		2.45	2.19		ng/g	⊛	90	70 - 150

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QC Sample Results

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: 480-231006-4 MS

Matrix: Solid

Analysis Batch: 675863

Client Sample ID: SB1-7'-8'

Prep Type: Total/NA

Prep Batch: 674050

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorotridecanoic acid (PFTTrDA)	ND		2.45	2.33		ng/g	☼	95	65 - 150
Perfluorotetradecanoic acid (PFTTeDA)	ND		2.45	2.01		ng/g	☼	82	65 - 150
Perfluorobutanesulfonic acid (PFBS)	ND		2.17	2.04		ng/g	☼	94	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	ND		2.30	2.09		ng/g	☼	91	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	ND		2.23	1.91		ng/g	☼	85	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	ND		2.33	1.99		ng/g	☼	85	65 - 155
Perfluorooctanesulfonic acid (PFOS)	1.3		2.28	3.56		ng/g	☼	99	65 - 160
Perfluorononanesulfonic acid (PFNS)	ND		2.35	1.85		ng/g	☼	78	55 - 140
Perfluorodecanesulfonic acid (PFDS)	ND		2.36	1.63		ng/g	☼	69	40 - 155
Perfluorododecanesulfonic acid (PFDoS)	ND		2.37	1.32		ng/g	☼	56	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		4.59	4.48		ng/g	☼	98	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		4.66	4.66		ng/g	☼	100	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		4.70	4.45		ng/g	☼	95	70 - 150
Perfluorooctanesulfonamide (PFOSA)	ND		2.45	2.46		ng/g	☼	101	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		2.45	2.19		ng/g	☼	89	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		2.45	2.31		ng/g	☼	94	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		2.45	1.98		ng/g	☼	81	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		2.45	2.31		ng/g	☼	95	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		12.2	12.5		ng/g	☼	102	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		12.2	11.9		ng/g	☼	97	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		1.83	1.83	I	ng/g	☼	100	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		2.31	2.11		ng/g	☼	91	70 - 160
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		2.45	2.24		ng/g	☼	92	30 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		2.45	2.18		ng/g	☼	89	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		2.45	2.31		ng/g	☼	95	60 - 155
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		2.28	1.74		ng/g	☼	76	70 - 150
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		2.31	1.66		ng/g	☼	72	45 - 160

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QC Sample Results

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: 480-231006-4 MS

Matrix: Solid

Analysis Batch: 675863

Client Sample ID: SB1-7'-8'

Prep Type: Total/NA

Prep Batch: 674050

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoro (2-ethoxyethane) sulfonic acid (PFEEA)	ND		2.18	1.69		ng/g	✱	78	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		4.89	4.05		ng/g	✱	83	45 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		12.2	10.0		ng/g	✱	82	60 - 130
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		12.2	9.31		ng/g	✱	76	60 - 150

Isotope Dilution	MS %Recovery	MS Qualifier	Limits
13C4 PFBA	76.9		8 - 130
13C5 PFPeA	85.2		35 - 130
13C5 PFHxA	82.8		40 - 130
13C4 PFHpA	78.7		40 - 130
13C8 PFOA	75.2		40 - 130
13C9 PFNA	77.7		40 - 130
13C6 PFDA	79.5		40 - 130
13C7 PFUnA	83.6		40 - 130
13C2 PFTeDA	68.4		20 - 130
13C3 PFBS	76.1		40 - 135
13C3 PFHxS	76.7		40 - 130
13C8 PFOS	77.8		40 - 130
13C8 FOSA	67.1		40 - 130
d3-NMeFOSAA	78.0		40 - 135
d5-NEtFOSAA	73.7		40 - 150
13C2 4:2 FTS	74.9		40 - 165
13C2 6:2 FTS	73.5		40 - 215
13C2 8:2 FTS	72.6		40 - 275
13C3 HFPO-DA	79.3		40 - 130
d7-N-MeFOSE-M	36.1		20 - 130
d9-N-EtFOSE-M	31.3		15 - 130
d5-NEtPFOSA	54.7		10 - 130
d3-NMePFOSA	63.7		10 - 130
13C2 PFDoA	79.6		40 - 130

Lab Sample ID: 480-231006-4 MSD

Matrix: Solid

Analysis Batch: 675863

Client Sample ID: SB1-7'-8'

Prep Type: Total/NA

Prep Batch: 674050

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorobutanoic acid (PFBA)	ND		4.97	5.14		ng/g	✱	103	70 - 140	2	30
Perfluoropentanoic acid (PFPeA)	ND		2.48	2.22		ng/g	✱	89	60 - 150	6	30
Perfluorohexanoic acid (PFHxA)	ND		2.48	2.26		ng/g	✱	91	65 - 140	4	30
Perfluoroheptanoic acid (PFHpA)	ND		2.48	2.30		ng/g	✱	92	65 - 145	1	30
Perfluorooctanoic acid (PFOA)	ND		2.48	2.42		ng/g	✱	97	70 - 150	6	30
Perfluorononanoic acid (PFNA)	ND		2.48	2.12		ng/g	✱	85	70 - 155	9	30
Perfluorodecanoic acid (PFDA)	ND		2.48	2.28		ng/g	✱	92	70 - 155	15	30
Perfluoroundecanoic acid (PFUnA)	ND		2.48	2.47		ng/g	✱	99	70 - 155	6	30

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QC Sample Results

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: 480-231006-4 MSD

Matrix: Solid

Analysis Batch: 675863

Client Sample ID: SB1-7'-8'

Prep Type: Total/NA

Prep Batch: 674050

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorododecanoic acid (PFDoA)	ND		2.48	2.22		ng/g	✱	89	70 - 150	1	30
Perfluorotridecanoic acid (PFTTrDA)	ND		2.48	2.39		ng/g	✱	96	65 - 150	2	30
Perfluorotetradecanoic acid (PFTTeDA)	ND		2.48	1.93		ng/g	✱	78	65 - 150	4	30
Perfluorobutanesulfonic acid (PFBS)	ND		2.21	2.01		ng/g	✱	91	65 - 145	2	30
Perfluoropentanesulfonic acid (PFPeS)	ND		2.34	2.11		ng/g	✱	90	55 - 160	1	30
Perfluorohexanesulfonic acid (PFHxS)	ND		2.27	1.97		ng/g	✱	87	60 - 150	3	30
Perfluoroheptanesulfonic acid (PFHpS)	ND		2.37	2.13		ng/g	✱	90	65 - 155	7	30
Perfluorooctanesulfonic acid (PFOS)	1.3		2.31	2.90		ng/g	✱	70	65 - 160	20	30
Perfluorononanesulfonic acid (PFNS)	ND		2.39	1.98		ng/g	✱	83	55 - 140	7	30
Perfluorodecanesulfonic acid (PFDS)	ND		2.40	1.71		ng/g	✱	72	40 - 155	5	30
Perfluorododecanesulfonic acid (PFDoS)	ND		2.41	1.44		ng/g	✱	60	25 - 160	9	30
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		4.66	4.59		ng/g	✱	98	60 - 150	2	30
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		4.73	4.55		ng/g	✱	96	55 - 200	2	30
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		4.77	4.69		ng/g	✱	98	70 - 150	5	30
Perfluorooctanesulfonamide (PFOSA)	ND		2.48	2.55		ng/g	✱	103	70 - 140	4	30
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		2.48	2.21		ng/g	✱	89	70 - 155	1	30
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		2.48	2.38		ng/g	✱	96	70 - 140	3	30
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		2.48	1.91		ng/g	✱	77	65 - 155	3	30
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		2.48	2.24		ng/g	✱	90	65 - 165	3	30
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		12.4	13.1		ng/g	✱	105	70 - 140	5	30
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		12.4	12.2		ng/g	✱	98	70 - 135	2	30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		1.86	1.83		ng/g	✱	98	70 - 145	0	30
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		2.35	2.16		ng/g	✱	92	70 - 160	2	30
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		2.48	2.33		ng/g	✱	94	30 - 140	4	30
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		2.48	2.26		ng/g	✱	91	60 - 150	3	30
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		2.48	2.45		ng/g	✱	99	60 - 155	6	30
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		2.32	1.90		ng/g	✱	82	70 - 150	9	30

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QC Sample Results

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: 480-231006-4 MSD

Matrix: Solid

Analysis Batch: 675863

Client Sample ID: SB1-7'-8'

Prep Type: Total/NA

Prep Batch: 674050

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		2.35	1.80		ng/g	⊛	77	45 - 160	8	30
Perfluoro (2-ethoxyethane) sulfonic acid (PFEEESA)	ND		2.22	1.81		ng/g	⊛	82	70 - 140	7	30
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		4.97	4.14		ng/g	⊛	83	45 - 130	2	30
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		12.4	10.0		ng/g	⊛	81	60 - 130	0	30
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		12.4	10.2		ng/g	⊛	82	60 - 150	9	30

Isotope Dilution	MSD %Recovery	MSD Qualifier	Limits
13C4 PFBA	83.3		8 - 130
13C5 PFPeA	93.5		35 - 130
13C5 PFHxA	91.9		40 - 130
13C4 PFHpA	89.1		40 - 130
13C8 PFOA	87.9		40 - 130
13C9 PFNA	87.4		40 - 130
13C6 PFDA	83.1		40 - 130
13C7 PFUnA	77.9		40 - 130
13C2 PFTeDA	69.7		20 - 130
13C3 PFBS	84.8		40 - 135
13C3 PFHxS	83.4		40 - 130
13C8 PFOS	77.9		40 - 130
13C8 FOSA	77.3		40 - 130
d3-NMeFOSAA	85.7		40 - 135
d5-NEtFOSAA	80.8		40 - 150
13C2 4:2 FTS	84.6		40 - 165
13C2 6:2 FTS	83.3		40 - 215
13C2 8:2 FTS	75.0		40 - 275
13C3 HFPO-DA	86.9		40 - 130
d7-N-MeFOSE-M	49.3		20 - 130
d9-N-EtFOSE-M	41.3		15 - 130
d5-NEtPFOSA	60.1		10 - 130
d3-NMePFOSA	73.9		10 - 130
13C2 PFDaA	74.1		40 - 130

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 480-751886/1-A

Matrix: Solid

Analysis Batch: 752142

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 751886

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		10.6	9.2	mg/Kg		07/17/25 08:43	07/18/25 12:15	1
Antimony	ND		15.9	0.56	mg/Kg		07/17/25 08:43	07/18/25 12:15	1
Arsenic	ND		2.1	0.93	mg/Kg		07/17/25 08:43	07/18/25 12:15	1
Barium	ND		0.53	0.15	mg/Kg		07/17/25 08:43	07/18/25 12:15	1
Beryllium	ND		0.21	0.042	mg/Kg		07/17/25 08:43	07/18/25 12:15	1
Cadmium	ND		0.21	0.074	mg/Kg		07/17/25 08:43	07/18/25 12:15	1

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QC Sample Results

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: MB 480-751886/1-A
Matrix: Solid
Analysis Batch: 752142

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 751886

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	ND		53.1	28.7	mg/Kg		07/17/25 08:43	07/18/25 12:15	1
Chromium	ND		0.53	0.38	mg/Kg		07/17/25 08:43	07/18/25 12:15	1
Cobalt	ND		0.53	0.11	mg/Kg		07/17/25 08:43	07/18/25 12:15	1
Copper	ND		1.1	0.61	mg/Kg		07/17/25 08:43	07/18/25 12:15	1
Iron	ND		10.6	9.0	mg/Kg		07/17/25 08:43	07/18/25 12:15	1
Lead	ND		1.1	0.49	mg/Kg		07/17/25 08:43	07/18/25 12:15	1
Magnesium	ND		21.2	9.0	mg/Kg		07/17/25 08:43	07/18/25 12:15	1
Manganese	ND		1.1	0.30	mg/Kg		07/17/25 08:43	07/18/25 12:15	1
Nickel	ND		5.3	0.27	mg/Kg		07/17/25 08:43	07/18/25 12:15	1
Potassium	ND		31.8	25.7	mg/Kg		07/17/25 08:43	07/18/25 12:15	1
Selenium	ND		4.2	0.85	mg/Kg		07/17/25 08:43	07/18/25 12:15	1
Silver	ND	^5-	0.64	0.21	mg/Kg		07/17/25 08:43	07/18/25 12:15	1
Sodium	ND		149	65.1	mg/Kg		07/17/25 08:43	07/18/25 12:15	1
Thallium	ND		6.4	0.81	mg/Kg		07/17/25 08:43	07/18/25 12:15	1
Vanadium	ND		0.53	0.14	mg/Kg		07/17/25 08:43	07/18/25 12:15	1
Zinc	ND	^5-	2.1	1.1	mg/Kg		07/17/25 08:43	07/18/25 12:15	1

Lab Sample ID: LCSSRM 480-751886/2-A
Matrix: Solid
Analysis Batch: 752142

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 751886

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	7680	8360		mg/Kg		108.9	47.4 - 130.2
Antimony	201	73.88		mg/Kg		36.8	0.06 - 100.0
Arsenic	181	141.4		mg/Kg		78.1	66.3 - 97.8
Barium	211	176.1		mg/Kg		83.5	73.9 - 107.1
Beryllium	270	244.6		mg/Kg		90.6	73.0 - 104.4
Cadmium	221	181.7		mg/Kg		82.2	70.6 - 101.8
Calcium	4280	4043		mg/Kg		94.5	77.3 - 111.0
Chromium	149	131.8		mg/Kg		88.5	71.8 - 105.4
Cobalt	142	134.1		mg/Kg		94.4	73.2 - 104.2
Copper	264	225.8		mg/Kg		85.5	73.5 - 104.2
Iron	7360	7253		mg/Kg		98.5	55.4 - 130.3
Lead	106	102.1		mg/Kg		96.3	76.1 - 109.4
Magnesium	2170	2031		mg/Kg		93.6	68.7 - 112.0
Manganese	270	238.0		mg/Kg		88.2	73.0 - 107.8
Nickel	177	164.3		mg/Kg		92.8	71.8 - 103.4
Potassium	2340	2194		mg/Kg		93.8	62.8 - 113.7

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QC Sample Results

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCSSRM 480-751886/2-A
Matrix: Solid
Analysis Batch: 752142

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 751886

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Selenium	139	114.9		mg/Kg		82.7	70.0 - 107.9
Silver	59.9	50.62		mg/Kg		84.5	72.8 - 110.7
Sodium	306	283.2		mg/Kg		92.5	66.0 - 113.4
Thallium	205	198.8		mg/Kg		97.0	71.7 - 106.8
Vanadium	155	140.0		mg/Kg		90.3	69.0 - 107.7
Zinc	398	336.2		mg/Kg		84.5	68.8 - 104.5

Lab Sample ID: 480-231006-5 MS
Matrix: Solid
Analysis Batch: 752142

Client Sample ID: SB1-5'-8'
Prep Type: Total/NA
Prep Batch: 751886

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	15800		1020	20170	4	mg/Kg	✱	426	75 - 125
Antimony	ND	F1	100	49.79	F1	mg/Kg	✱	50	75 - 125
Arsenic	ND		200	184.7		mg/Kg	✱	92	75 - 125
Barium	149		200	356.2		mg/Kg	✱	104	75 - 125
Beryllium	0.40		99.3	96.39		mg/Kg	✱	97	75 - 125
Cadmium	ND		100	91.98		mg/Kg	✱	92	75 - 125
Calcium	6400	F1	5010	12420		mg/Kg	✱	120	75 - 125
Chromium	26.6		100	120.7		mg/Kg	✱	94	75 - 125
Cobalt	12.1		100	121.9		mg/Kg	✱	110	75 - 125
Copper	31.3		100	141.8		mg/Kg	✱	110	75 - 125
Iron	25300		1020	29560	4	mg/Kg	✱	418	75 - 125
Lead	9.3		100	119.2		mg/Kg	✱	110	75 - 125
Magnesium	7480	F1	5000	13490		mg/Kg	✱	120	75 - 125
Manganese	297	F1	100	457.1	F1	mg/Kg	✱	160	75 - 125
Nickel	21.4		100	134.2		mg/Kg	✱	113	75 - 125
Potassium	6570		5000	12490		mg/Kg	✱	119	75 - 125
Selenium	ND		200	175.7		mg/Kg	✱	88	75 - 125
Silver	ND	^5-	10.0	9.42	^5-	mg/Kg	✱	94	75 - 125
Sodium	344		5000	5016		mg/Kg	✱	93	75 - 125
Thallium	ND		200	203.6		mg/Kg	✱	102	75 - 125
Vanadium	45.6		100	144.3		mg/Kg	✱	99	75 - 125
Zinc	59.4	^5-	100	153.1	^5-	mg/Kg	✱	94	75 - 125

Lab Sample ID: 480-231006-5 MSD
Matrix: Solid
Analysis Batch: 752142

Client Sample ID: SB1-5'-8'
Prep Type: Total/NA
Prep Batch: 751886

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Aluminum	15800		1110	20660	4	mg/Kg	✱	439	75 - 125	2	20
Antimony	ND	F1	108	56.94	F1	mg/Kg	✱	53	75 - 125	13	20
Arsenic	ND		217	203.8		mg/Kg	✱	94	75 - 125	10	20
Barium	149		217	369.7		mg/Kg	✱	102	75 - 125	4	20
Beryllium	0.40		107	107.7		mg/Kg	✱	100	75 - 125	11	20

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QC Sample Results

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: 480-231006-5 MSD

Matrix: Solid

Analysis Batch: 752142

Client Sample ID: SB1-5'-8'

Prep Type: Total/NA

Prep Batch: 751886

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cadmium	ND		108	102.4		mg/Kg	⊛	95	75 - 125	11	20
Calcium	6400	F1	5420	15240	F1	mg/Kg	⊛	163	75 - 125	20	20
Chromium	26.6		108	132.0		mg/Kg	⊛	97	75 - 125	9	20
Cobalt	12.1		108	128.4		mg/Kg	⊛	107	75 - 125	5	20
Copper	31.3		108	139.0		mg/Kg	⊛	99	75 - 125	2	20
Iron	25300		1110	28560	4	mg/Kg	⊛	297	75 - 125	3	20
Lead	9.3		108	125.4		mg/Kg	⊛	107	75 - 125	5	20
Magnesium	7480	F1	5420	14790	F1	mg/Kg	⊛	135	75 - 125	9	20
Manganese	297	F1	108	462.3	F1	mg/Kg	⊛	153	75 - 125	1	20
Nickel	21.4		108	138.6		mg/Kg	⊛	108	75 - 125	3	20
Potassium	6570		5410	12550		mg/Kg	⊛	111	75 - 125	0	20
Selenium	ND		217	195.8		mg/Kg	⊛	90	75 - 125	11	20
Silver	ND	^5-	10.8	10.32	^5-	mg/Kg	⊛	95	75 - 125	9	20
Sodium	344		5410	5612		mg/Kg	⊛	97	75 - 125	11	20
Thallium	ND		217	218.7		mg/Kg	⊛	101	75 - 125	7	20
Vanadium	45.6		108	155.6		mg/Kg	⊛	102	75 - 125	8	20
Zinc	59.4	^5-	108	158.1	^5-	mg/Kg	⊛	91	75 - 125	3	20

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 480-751621/1-A

Matrix: Solid

Analysis Batch: 751708

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 751621

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.019	0.0045	mg/Kg		07/14/25 10:43	07/14/25 13:14	1

Lab Sample ID: LCSSRM 480-751621/2-A ^10

Matrix: Solid

Analysis Batch: 751708

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 751621

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	24.0	18.07		mg/Kg		75.3	55.8 - 109.6

QC Association Summary

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

GC/MS VOA

Analysis Batch: 751892

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-751902/1-A	Method Blank	Total/NA	Solid	8260C	751902
LCS 480-751902/2-A	Lab Control Sample	Total/NA	Solid	8260C	751902

Prep Batch: 751902

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-231006-1	SB1-12"-18"	Total/NA	Solid	5035A_H	
480-231006-4	SB1-7'-8'	Total/NA	Solid	5035A_H	
480-231006-5	SB1-5'-8'	Total/NA	Solid	5035A_H	
480-231006-9	SB2-4'	Total/NA	Solid	5035A_H	
480-231006-10	SB2-4' DUP	Total/NA	Solid	5035A_H	
480-231006-14	SB2-9'-10'	Total/NA	Solid	5035A_H	
MB 480-751902/1-A	Method Blank	Total/NA	Solid	5035A_H	
LCS 480-751902/2-A	Lab Control Sample	Total/NA	Solid	5035A_H	
480-231006-4 MS	SB1-7'-8'	Total/NA	Solid	5035A_H	
480-231006-4 MSD	SB1-7'-8'	Total/NA	Solid	5035A_H	

Analysis Batch: 751930

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-231006-1	SB1-12"-18"	Total/NA	Solid	8260C	751902
480-231006-4	SB1-7'-8'	Total/NA	Solid	8260C	751902
480-231006-5	SB1-5'-8'	Total/NA	Solid	8260C	751902
480-231006-9	SB2-4'	Total/NA	Solid	8260C	751902
480-231006-10	SB2-4' DUP	Total/NA	Solid	8260C	751902
480-231006-14	SB2-9'-10'	Total/NA	Solid	8260C	751902
480-231006-4 MS	SB1-7'-8'	Total/NA	Solid	8260C	751902
480-231006-4 MSD	SB1-7'-8'	Total/NA	Solid	8260C	751902

GC/MS Semi VOA

Prep Batch: 751553

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-231006-3	SB1-12"-48"	Total/NA	Solid	3546	
480-231006-5	SB1-5'-8'	Total/NA	Solid	3546	
480-231006-12	SB2-12"-5'	Total/NA	Solid	3546	
480-231006-14	SB2-9'-10'	Total/NA	Solid	3546	
MB 480-751553/1-A	Method Blank	Total/NA	Solid	3546	
LCS 480-751553/2-A	Lab Control Sample	Total/NA	Solid	3546	

Analysis Batch: 751756

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-751553/1-A	Method Blank	Total/NA	Solid	8270D	751553
LCS 480-751553/2-A	Lab Control Sample	Total/NA	Solid	8270D	751553

Analysis Batch: 752098

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-231006-3	SB1-12"-48"	Total/NA	Solid	8270D	751553
480-231006-5	SB1-5'-8'	Total/NA	Solid	8270D	751553
480-231006-12	SB2-12"-5'	Total/NA	Solid	8270D	751553
480-231006-14	SB2-9'-10'	Total/NA	Solid	8270D	751553

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QC Association Summary

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

GC Semi VOA

Prep Batch: 674180

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-231006-3	SB1-12'-48"	Total/NA	Solid	3546	
480-231006-5	SB1-5'-8'	Total/NA	Solid	3546	
480-231006-12	SB2-12"-5'	Total/NA	Solid	3546	
480-231006-14	SB2-9'-10'	Total/NA	Solid	3546	
MB 410-674180/1-A	Method Blank	Total/NA	Solid	3546	
LCS 410-674180/2-A	Lab Control Sample	Total/NA	Solid	3546	
480-231006-3 MS	SB1-12'-48"	Total/NA	Solid	3546	
480-231006-3 MSD	SB1-12'-48"	Total/NA	Solid	3546	

Analysis Batch: 674459

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-231006-3	SB1-12'-48"	Total/NA	Solid	8082A	674180
480-231006-5	SB1-5'-8'	Total/NA	Solid	8082A	674180
480-231006-12	SB2-12"-5'	Total/NA	Solid	8082A	674180
480-231006-14	SB2-9'-10'	Total/NA	Solid	8082A	674180
MB 410-674180/1-A	Method Blank	Total/NA	Solid	8082A	674180
LCS 410-674180/2-A	Lab Control Sample	Total/NA	Solid	8082A	674180
480-231006-3 MS	SB1-12'-48"	Total/NA	Solid	8082A	674180
480-231006-3 MSD	SB1-12'-48"	Total/NA	Solid	8082A	674180

Prep Batch: 751725

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-231006-3	SB1-12'-48"	Total/NA	Solid	3546	
480-231006-5	SB1-5'-8'	Total/NA	Solid	3546	
480-231006-12	SB2-12"-5'	Total/NA	Solid	3546	
480-231006-14	SB2-9'-10'	Total/NA	Solid	3546	
MB 480-751725/1-A	Method Blank	Total/NA	Solid	3546	
LCS 480-751725/2-A	Lab Control Sample	Total/NA	Solid	3546	
480-231006-3 MS	SB1-12'-48"	Total/NA	Solid	3546	
480-231006-3 MSD	SB1-12'-48"	Total/NA	Solid	3546	

Analysis Batch: 752073

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-231006-3	SB1-12'-48"	Total/NA	Solid	8081B	751725
480-231006-5	SB1-5'-8'	Total/NA	Solid	8081B	751725
480-231006-12	SB2-12"-5'	Total/NA	Solid	8081B	751725
480-231006-14	SB2-9'-10'	Total/NA	Solid	8081B	751725
MB 480-751725/1-A	Method Blank	Total/NA	Solid	8081B	751725
LCS 480-751725/2-A	Lab Control Sample	Total/NA	Solid	8081B	751725
480-231006-3 MS	SB1-12'-48"	Total/NA	Solid	8081B	751725
480-231006-3 MSD	SB1-12'-48"	Total/NA	Solid	8081B	751725

Prep Batch: 752177

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-231006-3	SB1-12'-48"	Total/NA	Solid	8151A	
480-231006-5	SB1-5'-8'	Total/NA	Solid	8151A	
480-231006-12	SB2-12"-5'	Total/NA	Solid	8151A	
480-231006-14	SB2-9'-10'	Total/NA	Solid	8151A	
MB 480-752177/1-A	Method Blank	Total/NA	Solid	8151A	
LCS 480-752177/2-A	Lab Control Sample	Total/NA	Solid	8151A	

Eurofins Buffalo

QC Association Summary

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

GC Semi VOA

Analysis Batch: 752508

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-231006-3	SB1-12'-48"	Total/NA	Solid	8151A	752177
480-231006-5	SB1-5'-8'	Total/NA	Solid	8151A	752177
480-231006-12	SB2-12"-5'	Total/NA	Solid	8151A	752177
480-231006-14	SB2-9'-10'	Total/NA	Solid	8151A	752177
MB 480-752177/1-A	Method Blank	Total/NA	Solid	8151A	752177
LCS 480-752177/2-A	Lab Control Sample	Total/NA	Solid	8151A	752177

LCMS

Analysis Batch: 670538

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-231006-6	RINSATE	Total/NA	Water	1633A	671022
MB 410-671022/4-A	Method Blank	Total/NA	Water	1633A	671022

Prep Batch: 671022

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-231006-6	RINSATE	Total/NA	Water	1633A	
MB 410-671022/4-A	Method Blank	Total/NA	Water	1633A	
LCS 410-671022/5-A	Lab Control Sample	Total/NA	Water	1633A	
LCSD 410-671022/6-A	Lab Control Sample Dup	Total/NA	Water	1633A	
LLCS 410-671022/7-A	Lab Control Sample	Total/NA	Water	1633A	

Analysis Batch: 671236

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 410-671022/5-A	Lab Control Sample	Total/NA	Water	1633A	671022
LCSD 410-671022/6-A	Lab Control Sample Dup	Total/NA	Water	1633A	671022
LLCS 410-671022/7-A	Lab Control Sample	Total/NA	Water	1633A	671022

Prep Batch: 673310

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-231006-1	SB1-12"-18"	Total/NA	Solid	1633A Shake	
480-231006-3	SB1-12'-48"	Total/NA	Solid	1633A Shake	
480-231006-5	SB1-5'-8'	Total/NA	Solid	1633A Shake	
480-231006-12	SB2-12"-5'	Total/NA	Solid	1633A Shake	
MB 410-673310/1-A	Method Blank	Total/NA	Solid	1633A Shake	
LCS 410-673310/2-A	Lab Control Sample	Total/NA	Solid	1633A Shake	
LLCS 410-673310/3-A	Lab Control Sample	Total/NA	Solid	1633A Shake	

Analysis Batch: 673475

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-231006-1	SB1-12"-18"	Total/NA	Solid	1633A	673310
480-231006-3	SB1-12'-48"	Total/NA	Solid	1633A	673310
480-231006-5	SB1-5'-8'	Total/NA	Solid	1633A	673310
480-231006-12	SB2-12"-5'	Total/NA	Solid	1633A	673310
LLCS 410-673310/3-A	Lab Control Sample	Total/NA	Solid	1633A	673310

Analysis Batch: 673901

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 410-673310/1-A	Method Blank	Total/NA	Solid	1633A	673310
LCS 410-673310/2-A	Lab Control Sample	Total/NA	Solid	1633A	673310

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QC Association Summary

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

LCMS

Prep Batch: 674050

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-231006-2	SB1-18"-30"	Total/NA	Solid	1633A Shake	
480-231006-4	SB1-7'-8'	Total/NA	Solid	1633A Shake	
480-231006-7	SB2-12"-18"	Total/NA	Solid	1633A Shake	
480-231006-8	SB2-12"-18" DUP	Total/NA	Solid	1633A Shake	
480-231006-11	SB2-24"-36"	Total/NA	Solid	1633A Shake	
480-231006-13	SB2-9'-10'	Total/NA	Solid	1633A Shake	
MB 410-674050/1-A	Method Blank	Total/NA	Solid	1633A Shake	
LCS 410-674050/2-A	Lab Control Sample	Total/NA	Solid	1633A Shake	
LLCS 410-674050/3-A	Lab Control Sample	Total/NA	Solid	1633A Shake	
480-231006-4 MS	SB1-7'-8'	Total/NA	Solid	1633A Shake	
480-231006-4 MSD	SB1-7'-8'	Total/NA	Solid	1633A Shake	

Analysis Batch: 675863

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-231006-2	SB1-18"-30"	Total/NA	Solid	1633A	674050
480-231006-4	SB1-7'-8'	Total/NA	Solid	1633A	674050
480-231006-7	SB2-12"-18"	Total/NA	Solid	1633A	674050
480-231006-8	SB2-12"-18" DUP	Total/NA	Solid	1633A	674050
480-231006-11	SB2-24"-36"	Total/NA	Solid	1633A	674050
480-231006-13	SB2-9'-10'	Total/NA	Solid	1633A	674050
MB 410-674050/1-A	Method Blank	Total/NA	Solid	1633A	674050
LCS 410-674050/2-A	Lab Control Sample	Total/NA	Solid	1633A	674050
LLCS 410-674050/3-A	Lab Control Sample	Total/NA	Solid	1633A	674050
480-231006-4 MS	SB1-7'-8'	Total/NA	Solid	1633A	674050
480-231006-4 MSD	SB1-7'-8'	Total/NA	Solid	1633A	674050

Metals

Prep Batch: 751621

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-231006-3	SB1-12'-48"	Total/NA	Solid	7471B	
480-231006-5	SB1-5'-8'	Total/NA	Solid	7471B	
480-231006-12	SB2-12"-5'	Total/NA	Solid	7471B	
480-231006-14	SB2-9'-10'	Total/NA	Solid	7471B	
MB 480-751621/1-A	Method Blank	Total/NA	Solid	7471B	
LCSSRM 480-751621/2-A ^1	Lab Control Sample	Total/NA	Solid	7471B	

Analysis Batch: 751708

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-231006-3	SB1-12'-48"	Total/NA	Solid	7471B	751621
480-231006-5	SB1-5'-8'	Total/NA	Solid	7471B	751621
480-231006-12	SB2-12"-5'	Total/NA	Solid	7471B	751621
480-231006-14	SB2-9'-10'	Total/NA	Solid	7471B	751621
MB 480-751621/1-A	Method Blank	Total/NA	Solid	7471B	751621
LCSSRM 480-751621/2-A ^1	Lab Control Sample	Total/NA	Solid	7471B	751621

Prep Batch: 751886

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-231006-3	SB1-12'-48"	Total/NA	Solid	3050B	
480-231006-5	SB1-5'-8'	Total/NA	Solid	3050B	
480-231006-12	SB2-12"-5'	Total/NA	Solid	3050B	

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QC Association Summary

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Metals (Continued)

Prep Batch: 751886 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-231006-14	SB2-9'-10'	Total/NA	Solid	3050B	
MB 480-751886/1-A	Method Blank	Total/NA	Solid	3050B	
LCSSRM 480-751886/2-A	Lab Control Sample	Total/NA	Solid	3050B	
480-231006-5 MS	SB1-5'-8'	Total/NA	Solid	3050B	
480-231006-5 MSD	SB1-5'-8'	Total/NA	Solid	3050B	

Analysis Batch: 752142

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-231006-3	SB1-12'-48"	Total/NA	Solid	6010D	751886
480-231006-5	SB1-5'-8'	Total/NA	Solid	6010D	751886
480-231006-12	SB2-12"-5'	Total/NA	Solid	6010D	751886
480-231006-14	SB2-9'-10'	Total/NA	Solid	6010D	751886
MB 480-751886/1-A	Method Blank	Total/NA	Solid	6010D	751886
LCSSRM 480-751886/2-A	Lab Control Sample	Total/NA	Solid	6010D	751886
480-231006-5 MS	SB1-5'-8'	Total/NA	Solid	6010D	751886
480-231006-5 MSD	SB1-5'-8'	Total/NA	Solid	6010D	751886

General Chemistry

Analysis Batch: 674027

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-231006-2	SB1-18"-30"	Total/NA	Solid	Moisture	
480-231006-7	SB2-12"-18"	Total/NA	Solid	Moisture	
480-231006-8	SB2-12"-18" DUP	Total/NA	Solid	Moisture	
480-231006-11	SB2-24"-36"	Total/NA	Solid	Moisture	
480-231006-13	SB2-9'-10'	Total/NA	Solid	Moisture	

Analysis Batch: 751816

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-231006-1	SB1-12"-18"	Total/NA	Solid	Moisture	
480-231006-3	SB1-12'-48"	Total/NA	Solid	Moisture	
480-231006-4	SB1-7'-8'	Total/NA	Solid	Moisture	
480-231006-5	SB1-5'-8'	Total/NA	Solid	Moisture	
480-231006-9	SB2-4'	Total/NA	Solid	Moisture	
480-231006-10	SB2-4' DUP	Total/NA	Solid	Moisture	
480-231006-12	SB2-12"-5'	Total/NA	Solid	Moisture	
480-231006-14	SB2-9'-10'	Total/NA	Solid	Moisture	
480-231006-4 MS	SB1-7'-8'	Total/NA	Solid	Moisture	
480-231006-4 MSD	SB1-7'-8'	Total/NA	Solid	Moisture	

Lab Chronicle

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Client Sample ID: SB1-12"-18"

Lab Sample ID: 480-231006-1

Date Collected: 07/09/25 12:00

Matrix: Solid

Date Received: 07/10/25 14:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	751816	MAN	EET BUF	07/15/25 14:58

Client Sample ID: SB1-12"-18"

Lab Sample ID: 480-231006-1

Date Collected: 07/09/25 12:00

Matrix: Solid

Date Received: 07/10/25 14:30

Percent Solids: 93.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_H			751902	ATG	EET BUF	07/16/25 10:48
Total/NA	Analysis	8260C		1	751930	ATG	EET BUF	07/17/25 05:49
Total/NA	Prep	1633A Shake			673310	D5RZ	ELLE	07/18/25 14:16
Total/NA	Analysis	1633A		1	673475	DX7G	ELLE	07/19/25 09:28

Client Sample ID: SB1-18"-30"

Lab Sample ID: 480-231006-2

Date Collected: 07/09/25 12:00

Matrix: Solid

Date Received: 07/10/25 14:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	674027	E5GC	ELLE	07/21/25 10:52

Client Sample ID: SB1-18"-30"

Lab Sample ID: 480-231006-2

Date Collected: 07/09/25 12:00

Matrix: Solid

Date Received: 07/10/25 14:30

Percent Solids: 92.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	1633A Shake			674050	D5RZ	ELLE	07/21/25 14:12
Total/NA	Analysis	1633A		1	675863	QY4X	ELLE	07/25/25 04:03

Client Sample ID: SB1-12'-48"

Lab Sample ID: 480-231006-3

Date Collected: 07/09/25 12:00

Matrix: Solid

Date Received: 07/10/25 14:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	751816	MAN	EET BUF	07/15/25 14:58

Client Sample ID: SB1-12'-48"

Lab Sample ID: 480-231006-3

Date Collected: 07/09/25 12:00

Matrix: Solid

Date Received: 07/10/25 14:30

Percent Solids: 94.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			751553	JMP	EET BUF	07/12/25 07:49
Total/NA	Analysis	8270D		10	752098	JMM	EET BUF	07/18/25 15:51
Total/NA	Prep	3546			751725	SMP	EET BUF	07/15/25 06:52
Total/NA	Analysis	8081B		20	752073	JLS	EET BUF	07/18/25 11:17
Total/NA	Prep	3546			674180	JDJ2	ELLE	07/21/25 17:00
Total/NA	Analysis	8082A		1	674459	A2VL	ELLE	07/22/25 13:39

Eurofins Buffalo

Lab Chronicle

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Client Sample ID: SB1-12'-48"

Lab Sample ID: 480-231006-3

Date Collected: 07/09/25 12:00

Matrix: Solid

Date Received: 07/10/25 14:30

Percent Solids: 94.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	8151A			752177	VXF	EET BUF	07/19/25 05:38
Total/NA	Analysis	8151A		1	752508	MAN	EET BUF	07/24/25 02:57
Total/NA	Prep	1633A Shake			673310	D5RZ	ELLE	07/18/25 14:16
Total/NA	Analysis	1633A		1	673475	DX7G	ELLE	07/19/25 09:41
Total/NA	Prep	3050B			751886	EMO	EET BUF	07/17/25 08:43
Total/NA	Analysis	6010D		1	752142	MP	EET BUF	07/18/25 12:20
Total/NA	Prep	7471B			751621	ESB	EET BUF	07/14/25 10:43
Total/NA	Analysis	7471B		1	751708	ESB	EET BUF	07/14/25 13:38

Client Sample ID: SB1-7'-8'

Lab Sample ID: 480-231006-4

Date Collected: 07/09/25 12:45

Matrix: Solid

Date Received: 07/10/25 14:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	751816	MAN	EET BUF	07/15/25 14:58

Client Sample ID: SB1-7'-8'

Lab Sample ID: 480-231006-4

Date Collected: 07/09/25 12:45

Matrix: Solid

Date Received: 07/10/25 14:30

Percent Solids: 89.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_H			751902	ATG	EET BUF	07/16/25 10:48
Total/NA	Analysis	8260C		1	751930	ATG	EET BUF	07/17/25 06:12
Total/NA	Prep	1633A Shake			674050	D5RZ	ELLE	07/21/25 14:12
Total/NA	Analysis	1633A		1	675863	QY4X	ELLE	07/25/25 04:17

Client Sample ID: SB1-5'-8'

Lab Sample ID: 480-231006-5

Date Collected: 07/09/25 12:45

Matrix: Solid

Date Received: 07/10/25 14:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	751816	MAN	EET BUF	07/15/25 14:58

Client Sample ID: SB1-5'-8'

Lab Sample ID: 480-231006-5

Date Collected: 07/09/25 12:45

Matrix: Solid

Date Received: 07/10/25 14:30

Percent Solids: 96.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_H			751902	ATG	EET BUF	07/16/25 10:48
Total/NA	Analysis	8260C		1	751930	ATG	EET BUF	07/17/25 06:35
Total/NA	Prep	3546			751553	JMP	EET BUF	07/12/25 07:49
Total/NA	Analysis	8270D		10	752098	JMM	EET BUF	07/18/25 16:16
Total/NA	Prep	3546			751725	SMP	EET BUF	07/15/25 06:52
Total/NA	Analysis	8081B		20	752073	JLS	EET BUF	07/18/25 13:14
Total/NA	Prep	3546			674180	JDJ2	ELLE	07/21/25 17:00
Total/NA	Analysis	8082A		1	674459	A2VL	ELLE	07/22/25 14:31

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Lab Chronicle

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Client Sample ID: SB1-5'-8'

Date Collected: 07/09/25 12:45

Date Received: 07/10/25 14:30

Lab Sample ID: 480-231006-5

Matrix: Solid

Percent Solids: 96.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	8151A			752177	VXF	EET BUF	07/19/25 05:38
Total/NA	Analysis	8151A		1	752508	MAN	EET BUF	07/24/25 03:16
Total/NA	Prep	1633A Shake			673310	D5RZ	ELLE	07/18/25 14:16
Total/NA	Analysis	1633A		1	673475	DX7G	ELLE	07/19/25 09:55
Total/NA	Prep	3050B			751886	EMO	EET BUF	07/17/25 08:43
Total/NA	Analysis	6010D		1	752142	MP	EET BUF	07/18/25 12:22
Total/NA	Prep	7471B			751621	ESB	EET BUF	07/14/25 10:43
Total/NA	Analysis	7471B		1	751708	ESB	EET BUF	07/14/25 13:40

Client Sample ID: RINSATE

Date Collected: 07/09/25 13:00

Date Received: 07/10/25 14:30

Lab Sample ID: 480-231006-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	1633A			671022	MSH2	ELLE	07/14/25 15:43
Total/NA	Analysis	1633A		1	670538	P7EB	ELLE	07/15/25 18:11

Client Sample ID: SB2-12"-18"

Date Collected: 07/09/25 13:30

Date Received: 07/10/25 14:30

Lab Sample ID: 480-231006-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	674027	E5GC	ELLE	07/21/25 10:52

Client Sample ID: SB2-12"-18"

Date Collected: 07/09/25 13:30

Date Received: 07/10/25 14:30

Lab Sample ID: 480-231006-7

Matrix: Solid

Percent Solids: 88.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	1633A Shake			674050	D5RZ	ELLE	07/21/25 14:12
Total/NA	Analysis	1633A		1	675863	QY4X	ELLE	07/25/25 04:57

Client Sample ID: SB2-12"-18" DUP

Date Collected: 07/09/25 13:30

Date Received: 07/10/25 14:30

Lab Sample ID: 480-231006-8

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	674027	E5GC	ELLE	07/21/25 10:52

Client Sample ID: SB2-12"-18" DUP

Date Collected: 07/09/25 13:30

Date Received: 07/10/25 14:30

Lab Sample ID: 480-231006-8

Matrix: Solid

Percent Solids: 92.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	1633A Shake			674050	D5RZ	ELLE	07/21/25 14:12
Total/NA	Analysis	1633A		1	675863	QY4X	ELLE	07/25/25 05:11

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Lab Chronicle

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Client Sample ID: SB2-4'

Date Collected: 07/09/25 13:30

Date Received: 07/10/25 14:30

Lab Sample ID: 480-231006-9

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	751816	MAN	EET BUF	07/15/25 14:58

Client Sample ID: SB2-4'

Date Collected: 07/09/25 13:30

Date Received: 07/10/25 14:30

Lab Sample ID: 480-231006-9

Matrix: Solid

Percent Solids: 91.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_H			751902	ATG	EET BUF	07/16/25 10:48
Total/NA	Analysis	8260C		1	751930	ATG	EET BUF	07/17/25 06:59

Client Sample ID: SB2-4' DUP

Date Collected: 07/09/25 13:30

Date Received: 07/10/25 14:30

Lab Sample ID: 480-231006-10

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	751816	MAN	EET BUF	07/15/25 14:58

Client Sample ID: SB2-4' DUP

Date Collected: 07/09/25 13:30

Date Received: 07/10/25 14:30

Lab Sample ID: 480-231006-10

Matrix: Solid

Percent Solids: 90.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_H			751902	ATG	EET BUF	07/16/25 10:48
Total/NA	Analysis	8260C		1	751930	ATG	EET BUF	07/17/25 07:22

Client Sample ID: SB2-24"-36"

Date Collected: 07/09/25 13:30

Date Received: 07/10/25 14:30

Lab Sample ID: 480-231006-11

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	674027	E5GC	ELLE	07/21/25 10:52

Client Sample ID: SB2-24"-36"

Date Collected: 07/09/25 13:30

Date Received: 07/10/25 14:30

Lab Sample ID: 480-231006-11

Matrix: Solid

Percent Solids: 91.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	1633A Shake			674050	D5RZ	ELLE	07/21/25 14:12
Total/NA	Analysis	1633A		1	675863	QY4X	ELLE	07/25/25 05:24

Client Sample ID: SB2-12"-5'

Date Collected: 07/09/25 13:30

Date Received: 07/10/25 14:30

Lab Sample ID: 480-231006-12

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	751816	MAN	EET BUF	07/15/25 14:59

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Lab Chronicle

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Client Sample ID: SB2-12"-5'

Lab Sample ID: 480-231006-12

Date Collected: 07/09/25 13:30

Matrix: Solid

Date Received: 07/10/25 14:30

Percent Solids: 89.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			751553	JMP	EET BUF	07/12/25 07:49
Total/NA	Analysis	8270D		10	752098	JMM	EET BUF	07/18/25 16:40
Total/NA	Prep	3546			751725	SMP	EET BUF	07/15/25 06:52
Total/NA	Analysis	8081B		20	752073	JLS	EET BUF	07/18/25 13:33
Total/NA	Prep	3546			674180	JDJ2	ELLE	07/21/25 17:00
Total/NA	Analysis	8082A		1	674459	A2VL	ELLE	07/22/25 14:42
Total/NA	Prep	8151A			752177	VXF	EET BUF	07/19/25 05:38
Total/NA	Analysis	8151A		1	752508	MAN	EET BUF	07/24/25 03:35
Total/NA	Prep	1633A Shake			673310	D5RZ	ELLE	07/18/25 14:16
Total/NA	Analysis	1633A		1	673475	DX7G	ELLE	07/19/25 10:09
Total/NA	Prep	3050B			751886	EMO	EET BUF	07/17/25 08:43
Total/NA	Analysis	6010D		1	752142	MP	EET BUF	07/18/25 12:40
Total/NA	Prep	7471B			751621	ESB	EET BUF	07/14/25 10:43
Total/NA	Analysis	7471B		1	751708	ESB	EET BUF	07/14/25 13:41

Client Sample ID: SB2-9'-10'

Lab Sample ID: 480-231006-13

Date Collected: 07/09/25 14:00

Matrix: Solid

Date Received: 07/10/25 14:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	674027	E5GC	ELLE	07/21/25 10:52

Client Sample ID: SB2-9'-10'

Lab Sample ID: 480-231006-13

Date Collected: 07/09/25 14:00

Matrix: Solid

Date Received: 07/10/25 14:30

Percent Solids: 87.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	1633A Shake			674050	D5RZ	ELLE	07/21/25 14:12
Total/NA	Analysis	1633A		1	675863	QY4X	ELLE	07/25/25 05:38

Client Sample ID: SB2-9'-10'

Lab Sample ID: 480-231006-14

Date Collected: 07/09/25 14:00

Matrix: Solid

Date Received: 07/10/25 14:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	751816	MAN	EET BUF	07/15/25 14:59

Client Sample ID: SB2-9'-10'

Lab Sample ID: 480-231006-14

Date Collected: 07/09/25 14:00

Matrix: Solid

Date Received: 07/10/25 14:30

Percent Solids: 90.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_H			751902	ATG	EET BUF	07/16/25 10:48
Total/NA	Analysis	8260C		1	751930	ATG	EET BUF	07/17/25 07:45
Total/NA	Prep	3546			751553	JMP	EET BUF	07/12/25 07:49
Total/NA	Analysis	8270D		1	752098	JMM	EET BUF	07/18/25 17:06

Eurofins Buffalo

Lab Chronicle

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Client Sample ID: SB2-9'-10'

Lab Sample ID: 480-231006-14

Date Collected: 07/09/25 14:00

Matrix: Solid

Date Received: 07/10/25 14:30

Percent Solids: 90.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			751725	SMP	EET BUF	07/15/25 06:52
Total/NA	Analysis	8081B		1	752073	JLS	EET BUF	07/18/25 13:53
Total/NA	Prep	3546			674180	JDJ2	ELLE	07/21/25 17:00
Total/NA	Analysis	8082A		1	674459	A2VL	ELLE	07/22/25 14:52
Total/NA	Prep	8151A			752177	VXF	EET BUF	07/19/25 05:38
Total/NA	Analysis	8151A		1	752508	MAN	EET BUF	07/24/25 03:53
Total/NA	Prep	3050B			751886	EMO	EET BUF	07/17/25 08:43
Total/NA	Analysis	6010D		1	752142	MP	EET BUF	07/18/25 12:42
Total/NA	Prep	7471B			751621	ESB	EET BUF	07/14/25 10:43
Total/NA	Analysis	7471B		1	751708	ESB	EET BUF	07/14/25 13:45

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Laboratory: Eurofins Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	03-31-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8151A	8151A	Solid	Picloram
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	0001.01	11-30-26
A2LA	Dept. of Energy	0001.01	11-30-26
A2LA	ISO/IEC 17025	0001.01	11-30-26
Alabama	State	43200	01-31-26
Alaska	State	PA00009	06-30-26
Alaska (UST)	State	17-027	12-30-26
Arizona	State	AZ0780	03-12-26
Arkansas DEQ	State	88-00660	08-09-25
California	State	2792	01-31-26
Colorado	State	PA00009	06-30-26
Connecticut	State	PH-0746	06-30-27
DE Haz. Subst. Cleanup Act (HSCA)	State	019-006 (PA cert)	01-31-26
Delaware (DW)	State	N/A	01-31-26
Florida	NELAP	E87997	07-01-26
Georgia (DW)	State	C048	01-31-26
Illinois	NELAP	200027	01-31-26
Iowa	State	361	03-01-26
Kansas	NELAP	E-10151	10-31-25
Kentucky (DW)	State	KY90088	12-31-25
Kentucky (UST)	State	0001.01	11-30-26
Kentucky (WW)	State	KY90088	12-31-25
Louisiana (All)	NELAP	02055	06-30-26
Maine	State	2019012	03-12-27
Maryland	State	100	06-30-26
Massachusetts	State	M-PA009	06-30-26
Michigan	State	9930	01-31-26
Minnesota	NELAP	042-999-487	12-31-25
Mississippi	State	023	01-31-26
Missouri	State	450	01-31-28
Montana (DW)	State	0098	01-01-26
Nebraska	State	NE-OS-32-17	01-31-26
New Hampshire	NELAP	2730	01-10-26
New Jersey	NELAP	PA011	06-30-26
New York	NELAP	10670	04-01-26
North Carolina (DW)	State	42705	07-31-26
North Carolina (WW/SW)	State	521	12-31-25
North Dakota	State	R-205	01-31-24 *
Oklahoma	NELAP	9804	08-31-25

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Eurofins Buffalo

Accreditation/Certification Summary

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC (Continued)

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Oregon	NELAP	PA200001	09-11-25
Pennsylvania	NELAP	36-00037	01-31-26
Quebec Ministry of Environment and Fight against Climate Change	PALA	507	09-16-29
Rhode Island	State	LAO00338	12-30-25
South Carolina	State	89002	01-31-26
Tennessee	State	02838	01-31-26
Texas	NELAP	T104704194-23-46	08-31-25
USDA	US Federal Programs	525-22-298-19481	10-25-25
Vermont	State	VT - 36037	10-28-25
Virginia	NELAP	460182	06-14-26
Washington	State	C457	04-11-26
West Virginia (DW)	State	9906 C	03-31-26
West Virginia DEP	State	055	07-31-25
Wyoming	State	8TMS-L	01-31-26
Wyoming (UST)	A2LA	0001.01	11-30-26

Method Summary

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	EET BUF
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	EET BUF
8081B	Organochlorine Pesticides (GC)	SW846	EET BUF
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	ELLE
8151A	Herbicides (GC)	SW846	EET BUF
1633A	Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A	EPA	ELLE
6010D	Metals (ICP)	SW846	EET BUF
7471B	Mercury (CVAA)	SW846	EET BUF
Moisture	Percent Moisture	EPA	EET BUF
Moisture	Percent Moisture	EPA	ELLE
1633A	Solid-Phase Extraction (SPE)	EPA	ELLE
1633A Shake	Shake Extraction with SPE	EPA	ELLE
3050B	Preparation, Metals	SW846	EET BUF
3546	Microwave Extraction	SW846	EET BUF
3546	Microwave Extraction	SW846	ELLE
5035A_H	Closed System Purge and Trap	SW846	EET BUF
7471B	Preparation, Mercury	SW846	EET BUF
8151A	Extraction (Herbicides)	SW846	EET BUF

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-231006-1	SB1-12"-18"	Solid	07/09/25 12:00	07/10/25 14:30
480-231006-2	SB1-18"-30"	Solid	07/09/25 12:00	07/10/25 14:30
480-231006-3	SB1-12'-48"	Solid	07/09/25 12:00	07/10/25 14:30
480-231006-4	SB1-7'-8'	Solid	07/09/25 12:45	07/10/25 14:30
480-231006-5	SB1-5'-8'	Solid	07/09/25 12:45	07/10/25 14:30
480-231006-6	RINSATE	Water	07/09/25 13:00	07/10/25 14:30
480-231006-7	SB2-12"-18"	Solid	07/09/25 13:30	07/10/25 14:30
480-231006-8	SB2-12"-18" DUP	Solid	07/09/25 13:30	07/10/25 14:30
480-231006-9	SB2-4'	Solid	07/09/25 13:30	07/10/25 14:30
480-231006-10	SB2-4' DUP	Solid	07/09/25 13:30	07/10/25 14:30
480-231006-11	SB2-24"-36"	Solid	07/09/25 13:30	07/10/25 14:30
480-231006-12	SB2-12"-5'	Solid	07/09/25 13:30	07/10/25 14:30
480-231006-13	SB2-9'-10'	Solid	07/09/25 14:00	07/10/25 14:30
480-231006-14	SB2-9'-10'	Solid	07/09/25 14:00	07/10/25 14:30

Quantitation Limit Exceptions Summary

Client: Terracon Consultants Inc
Project/Site: HPN HVAC Upgrades - JA257025

Job ID: 480-231006-1

The requested project specific reporting limits listed below were less than laboratory standard quantitation limits (PQL) but greater than or equal to the laboratory method detection limits (MDL). It must be noted that results reported below lab standard quantitation limits may result in false positive/false negative values and less accurate quantitation. Routine laboratory procedures do not indicate corrective action for detections below the laboratory's PQL.

Method	Analyte	Matrix	Prep Type	Unit	Client RL	Lab PQL
1633A	Perfluorononanoic acid (PFNA)	Solid	Total/NA	ng/g	0.060	0.2

10 Hazenwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

eurolins
Environment Testing

Sample: H. Martinez
Lab PM: Beninati, John
Phone:
E-Mail: John.Beninati@et.eurolins.com

Carrier Tracking No(s): 480-206440-41906.1
State of Origin:
Page 1 of 1
Job #:

Company: Terracon Consultants Inc
Address: 81 Benbro Drive
City: Buffalo
State, Zip: NY, 14225
Phone: 716-861-1512(Tel)
Email: patrick.colem@terracon.com
Project Name: HPN HVAC Upgrades - JA257025
Site:
PO #: TBD
WO #:
Project #: 48028944
SSOW#:
Due Date Requested:
TAT Requested (days):
Compliance Project: ☐ Yes ☒ No

Analysis Requested

Preservation Codes:
N - None
Other:
Total Number of Containers:
Special Instructions/Note:
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Special Instructions/QC Requirements:

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological
Deliverable Requested: I, II, III, IV, Other (specify)

Empty Kit Relinquished by:
Relinquished by: Patrick Coleman Date: 7/10/25 1430 Company: Terracon
Relinquished by:
Relinquished by:
Custody Seals Intact ☒ Yes ☐ No
Custody Seal No.:
Cooler Temperature(s) °C and Other Remarks: PA 515 IPHSCCE

Login Sample Receipt Checklist

Client: Terracon Consultants Inc

Job Number: 480-231006-1

Login Number: 231006

List Number: 1

Creator: Kolb, Chris M

List Source: Eurofins Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	tcores put in freezer 7/11 @ 1000
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	terracon
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

Login Sample Receipt Checklist

Client: Terracon Consultants Inc

Job Number: 480-231006-1

Login Number: 231006

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC

List Number: 2

List Creation: 07/12/25 12:28 PM

Creator: Wrye, Shaun

Question	Answer	Comment
The cooler's custody seal is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
Sample custody seals are intact.	N/A	Not present.
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	