

# Technical Report

for

# Emerging Contaminants

prepared for:

**Hampton Bays Water District**  
18B Ponquoque Ave  
Hampton Bays NY, 11946  
**Attention: Keith Tuthill Jr.**

Report Date: 10/27/2025  
**Client Project ID: PFAS/ 1,4-Dioxane October 2025**  
York Project (SDG) No.: 25J0847

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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[ClientServices@yorklab.com](mailto:ClientServices@yorklab.com)

Report Date: 10/27/2025  
Client Project ID: PFAS/ 1,4-Dioxane October 2025  
York Project (SDG) No.: 25J0847

**Hampton Bays Water District**  
18B Ponquoque Ave  
Hampton Bays NY, 11946  
Attention: Keith Tuthill Jr.

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## Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on October 14, 2025 and listed below. The project was identified as your project: **PFAS/ 1,4-Dioxane October 2025**.

The analyses were conducted utilizing appropriate EPA 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.

Please contact Client Services at 203.325.1371 with any questions regarding this report or e-mail [clientservices@yorklab.com](mailto:clientservices@yorklab.com).

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
25J0847-01	Well 5-1	Drinking Water	10/14/2025	10/14/2025
25J0847-02	Plant 5 Field Blank	Drinking Water	10/14/2025	10/14/2025
25J0847-03	Blended Entry Point 3 Field	Drinking Water	10/14/2025	10/14/2025
25J0847-04	Post Iron Effluent 4 Field	Drinking Water	10/14/2025	10/14/2025
25J0847-05	Well 1-2	Drinking Water	10/14/2025	10/14/2025
25J0847-06	Well 1-1	Drinking Water	10/14/2025	10/14/2025
25J0847-07	Well 1-3	Drinking Water	10/14/2025	10/14/2025
25J0847-08	Plant 1 Field Blank	Drinking Water	10/14/2025	10/14/2025
25J0847-09	Post Effluent Gac	Drinking Water	10/14/2025	10/14/2025

## **General Notes for York Project (SDG) No.: 25J0847**

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

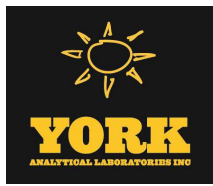
**Approved By:**



Cassie L. Mosher  
Laboratory Manager

**Date:** 10/27/2025





### Sample Information

**Client Sample ID:** Well 5-1

**York Sample ID:** 25J0847-01

<b>York Project (SDG) No.</b> 25J0847	<b>Client Project ID</b> PFAS/ 1,4-Dioxane October 2025	<b>Matrix</b> Drinking Water	<b>Collection Date/Time</b> October 14, 2025 10:58 am	<b>Date Received</b> 10/14/2025
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**Q P PFAS, EPA 533 Hazard Index**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 533

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level MCL	Units	LOQ	Reference Method	Date/Time Prep/Ana	Analyst
	* Hazard Index	ND		1	Unitless	0.0906	EPA 533	10/15/2025 11:59	KFH
					(Certifications:			10/18/2025 17:38	

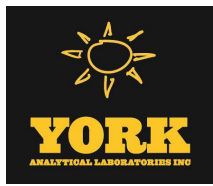
**Q P PFAS, EPA 533 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 533

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level MCL	Units	Reported to LOQ	Reference Method	Date/Time Prep/Ana	Analyst
919005-14-4	ADONA	ND		-	ng/L	1.81	EPA 533	10/15/2025 11:59	KFH
					Certifications:		NYSDOH-NY12058,CTDPH-	10/18/2025 17:38	
756426-58-1	9CL-PF3ONS	ND		-	ng/L	1.81	EPA 533	10/15/2025 11:59	KFH
					Certifications:		NYSDOH-NY12058,CTDPH-	10/18/2025 17:38	
763051-92-9	11CL-PF3OUdS	ND		-	ng/L	1.81	EPA 533	10/15/2025 11:59	KFH
					Certifications:		NYSDOH-NY12058,CTDPH-	10/18/2025 17:38	
13252-13-6	HFPO-DA (Gen-X)	ND		10	ng/L	1.81	EPA 533	10/15/2025 11:59	KFH
					Certifications:		NYSDOH-NY12058,CTDPH-	10/18/2025 17:38	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		-	ng/L	1.81	EPA 533	10/15/2025 11:59	KFH
					Certifications:		NYSDOH-NY12058,CTDPH-	10/18/2025 17:38	
335-76-2	Perfluorodecanoic acid (PFDA)	ND		-	ng/L	1.81	EPA 533	10/15/2025 11:59	KFH
					Certifications:		NYSDOH-NY12058,CTDPH-	10/18/2025 17:38	
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		-	ng/L	1.81	EPA 533	10/15/2025 11:59	KFH
					Certifications:		NYSDOH-NY12058,CTDPH-	10/18/2025 17:38	
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		-	ng/L	1.81	EPA 533	10/15/2025 11:59	KFH
					Certifications:		NYSDOH-NY12058,CTDPH-	10/18/2025 17:38	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		10	ng/L	1.81	EPA 533	10/15/2025 11:59	KFH
					Certifications:		NYSDOH-NY12058,CTDPH-	10/18/2025 17:38	
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		-	ng/L	1.81	EPA 533	10/15/2025 11:59	KFH
					Certifications:		NYSDOH-NY12058,CTDPH-	10/18/2025 17:38	
375-95-1	Perfluorononanoic acid (PFNA)	ND		10	ng/L	1.81	EPA 533	10/15/2025 11:59	KFH
					Certifications:		NYSDOH-NY12058,CTDPH-	10/18/2025 17:38	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		10	ng/L	1.81	EPA 533	10/15/2025 11:59	KFH
					Certifications:		NYSDOH-NY12058,CTDPH-	10/18/2025 17:38	
335-67-1	<b>Perfluorooctanoic acid (PFOA)</b>	<b>1.92</b>	<b>PF-LCS-H</b>	10	ng/L	1.81	EPA 533	10/15/2025 11:59	KFH
					Certifications:		NYSDOH-NY12058,CTDPH-PH-0837,NJDE	10/18/2025 17:38	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		-	ng/L	1.81	EPA 533	10/15/2025 11:59	KFH
					Certifications:		NYSDOH-NY12058,CTDPH-	10/18/2025 17:38	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		-	ng/L	1.81	EPA 533	10/15/2025 11:59	KFH
					Certifications:		NYSDOH-NY12058,CTDPH-	10/18/2025 17:38	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		-	ng/L	1.81	EPA 533	10/15/2025 11:59	KFH
					Certifications:		NYSDOH-NY12058,CTDPH-	10/18/2025 17:38	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		-	ng/L	1.81	EPA 533	10/15/2025 11:59	KFH
					Certifications:		NYSDOH-NY12058,CTDPH-	10/18/2025 17:38	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		-	ng/L	1.81	EPA 533	10/15/2025 11:59	KFH
					Certifications:		NYSDOH-NY12058,CTDPH-	10/18/2025 17:38	



### Sample Information

**Client Sample ID:** Well 5-1

**York Sample ID:** 25J0847-01

**York Project (SDG) No.**  
25J0847

**Client Project ID**  
PFAS/ 1,4-Dioxane October 2025

**Matrix**  
Drinking Water

**Collection Date/Time**  
October 14, 2025 10:58 am

**Date Received**  
10/14/2025

**Q P PFAS, EPA 533 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 533

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level		Units	Reported to LOQ	Reference Method	Date/Time Prep/Ana	Analyst
				MCL						
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		-		ng/L	1.81	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 17:38	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		-		ng/L	1.81	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 17:38	
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		-		ng/L	1.81	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 17:38	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		-		ng/L	1.81	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 17:38	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		-		ng/L	1.81	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 17:38	
151772-58-6	Perfluoro-3,6-dioxiheptanoic acid (NFDHA)	ND		-		ng/L	1.81	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 17:38	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		-		ng/L	1.81	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 17:38	
	<b>Surrogate Recoveries</b>	<b>Result</b>		<b>Acceptance Range</b>						
19719-28-9	Surrogate: MPFDoA	63.6 %		50-200						
13C4PFBA	Surrogate: MPFBA	90.5 %		50-200						
13C9PFNA	Surrogate: M9PFNA	78.4 %		50-200						
M8PFOS	Surrogate: M8PFOS	88.6 %		50-200						
13C8PFOA	Surrogate: M8PFOA	78.8 %		50-200						
13C7PFUNA	Surrogate: M7PFUdA	72.3 %		50-200						
13C6PFDA	Surrogate: M6PFDA	74.5 %		50-200						
13C5PFPEA	Surrogate: M5PFPeA	77.4 %		50-200						
338-30-1	Surrogate: M5PFHxA	85.5 %		50-200						
13C4PFHPA	Surrogate: M4PFHpA	78.2 %		50-200						
13C3PFHXS	Surrogate: M3PFHxS	88.4 %		50-200						
M3PFBS	Surrogate: M3PFBS	99.6 %		50-200						
M3HFPO-DA	Surrogate: M3HFPO-DA	75.0 %		50-200						
M2-8:2FTS	Surrogate: M2-8:2 FTS	125 %		50-200						
M2-6:2FTS	Surrogate: M2-6:2 FTS	178 %		50-200						
M2-4:2FTS	Surrogate: M2-4:2 FTS	298 %	PFSu-H	50-200						

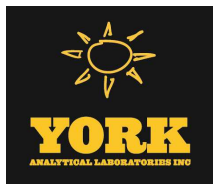
**Q P PFAS, EPA 537.1 UCMR5 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 537.1 SPE DVB

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level		Units	Reported to LOQ	Reference Method	Date/Time Prep/Ana	Analyst
				MCL						
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		-		ng/L	1.82	EPA 537.1	10/16/2025 06:57	KFH
							Certifications:	CTDPH-PH-0837,NJDEP-NY	10/17/2025 19:34	
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		-		ng/L	1.82	EPA 537.1	10/16/2025 06:57	KFH
							Certifications:	CTDPH-PH-0837,NJDEP-NY	10/17/2025 19:34	



### Sample Information

**Client Sample ID:** Well 5-1

**York Sample ID:** 25J0847-01

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

25J0847

PFAS/ 1,4-Dioxane October 2025

Drinking Water

October 14, 2025 10:58 am

10/14/2025

**Q P PFAS, EPA 537.1 UCMR5 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 537.1 SPE DVB

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level		Units	Reported to LOQ	Reference Method	Date/Time Prep/Ana	Analyst
				MCL						
2355-31-9	N-MeFOSAA	ND		-		ng/L	1.82	EPA 537.1	10/16/2025 06:57	KFH
							Certifications: CTDPH-PH-0837,NJDEP-NY		10/17/2025 19:34	
2991-50-6	N-EtFOSAA	ND		-		ng/L	1.82	EPA 537.1	10/16/2025 06:57	KFH
							Certifications: CTDPH-PH-0837,NJDEP-NY		10/17/2025 19:34	
<b>Surrogate Recoveries</b>		<b>Result</b>		<b>Acceptance Range</b>						
D5-NETFOSAA	Surrogate: d5-N-EtFOSAA	71.1 %		70-130						
MPFDA	Surrogate: MPFDA	95.6 %		70-130						
307-24-4	Surrogate: MPFHxA	103 %		70-130						
M3HFPO-DA	Surrogate: M3HFPO-DA	67.0 %	PFSL	70-130						

### Sample Information

**Client Sample ID:** Plant 5 Field Blank

**York Sample ID:** 25J0847-02

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

25J0847

PFAS/ 1,4-Dioxane October 2025

Drinking Water

October 14, 2025 10:58 am

10/14/2025

**Q P PFAS, EPA 533 Hazard Index**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 533

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level		Units	LOQ	Reference Method	Date/Time Prep/Ana	Analyst
				MCL						
	* Hazard Index	ND		1		Unitless	0.0919	EPA 533	10/15/2025 11:59	KFH
							Certifications:		10/18/2025 17:51	

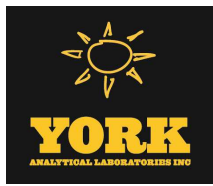
**Q P PFAS, EPA 533 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 533

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level		Units	Reported to LOQ	Reference Method	Date/Time Prep/Ana	Analyst
				MCL						
919005-14-4	ADONA	ND		-		ng/L	1.84	EPA 533	10/15/2025 11:59	KFH
							Certifications: NYSDOH-NY12058,CTDPH-		10/18/2025 17:51	
756426-58-1	9CL-PF3ONS	ND		-		ng/L	1.84	EPA 533	10/15/2025 11:59	KFH
							Certifications: NYSDOH-NY12058,CTDPH-		10/18/2025 17:51	
763051-92-9	11CL-PF3OUDS	ND		-		ng/L	1.84	EPA 533	10/15/2025 11:59	KFH
							Certifications: NYSDOH-NY12058,CTDPH-		10/18/2025 17:51	
13252-13-6	HFPO-DA (Gen-X)	ND		10		ng/L	1.84	EPA 533	10/15/2025 11:59	KFH
							Certifications: NYSDOH-NY12058,CTDPH-		10/18/2025 17:51	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		-		ng/L	1.84	EPA 533	10/15/2025 11:59	KFH
							Certifications: NYSDOH-NY12058,CTDPH-		10/18/2025 17:51	
335-76-2	Perfluorodecanoic acid (PFDA)	ND		-		ng/L	1.84	EPA 533	10/15/2025 11:59	KFH
							Certifications: NYSDOH-NY12058,CTDPH-		10/18/2025 17:51	
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		-		ng/L	1.84	EPA 533	10/15/2025 11:59	KFH
							Certifications: NYSDOH-NY12058,CTDPH-		10/18/2025 17:51	



### Sample Information

**Client Sample ID:** Plant 5 Field Blank

**York Sample ID:** 25J0847-02

**York Project (SDG) No.**  
25J0847

**Client Project ID**  
PFAS/ 1,4-Dioxane October 2025

**Matrix**  
Drinking Water

**Collection Date/Time**  
October 14, 2025 10:58 am

**Date Received**  
10/14/2025

**Q P PFAS, EPA 533 Target List**

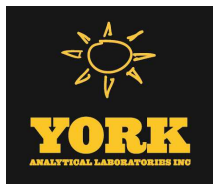
**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 533

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level		Units	Reported to LOQ	Reference Method	Date/Time Prep/Ana	Analyst
				MCL						
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		-		ng/L	1.84	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 17:51	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		10		ng/L	1.84	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 17:51	
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		-		ng/L	1.84	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 17:51	
375-95-1	Perfluorononanoic acid (PFNA)	ND		10		ng/L	1.84	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 17:51	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		10		ng/L	1.84	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 17:51	
335-67-1	Perfluorooctanoic acid (PFOA)	ND		10		ng/L	1.84	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 17:51	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		-		ng/L	1.84	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 17:51	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		-		ng/L	1.84	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 17:51	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		-		ng/L	1.84	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 17:51	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		-		ng/L	1.84	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 17:51	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		-		ng/L	1.84	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 17:51	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		-		ng/L	1.84	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 17:51	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		-		ng/L	1.84	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 17:51	
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		-		ng/L	1.84	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 17:51	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		-		ng/L	1.84	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 17:51	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		-		ng/L	1.84	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 17:51	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		-		ng/L	1.84	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 17:51	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		-		ng/L	1.84	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 17:51	

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	Surrogate: MPFDoA	81.0 %	50-200
13C4PFBA	Surrogate: MPFBA	110 %	50-200
13C9PFNA	Surrogate: M9PFNA	91.4 %	50-200
M8PFOS	Surrogate: M8PFOS	110 %	50-200
13C8PFOA	Surrogate: M8PFOA	99.1 %	50-200
13C7PFUNA	Surrogate: M7PFUdA	84.2 %	50-200



### Sample Information

**Client Sample ID:** Plant 5 Field Blank

**York Sample ID:** 25J0847-02

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

25J0847

PFAS/ 1,4-Dioxane October 2025

Drinking Water

October 14, 2025 10:58 am

10/14/2025

**Q P PFAS, EPA 533 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 533

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level		Units	Reported to LOQ	Reference Method	Date/Time	
				MCL					Prep/Ana	Analyst
13C6PFDA	Surrogate: M6PFDA	99.8 %		50-200						
13C5PFPEA	Surrogate: M5PFPeA	109 %		50-200						
338-30-1	Surrogate: M5PFHxA	110 %		50-200						
13C4PFHPA	Surrogate: M4PFHpA	103 %		50-200						
13C3PFHXS	Surrogate: M3PFHxS	120 %		50-200						
M3PFBS	Surrogate: M3PFBS	133 %		50-200						
M3HFPO-DA	Surrogate: M3HFPO-DA	93.2 %		50-200						
M2-8:2FTS	Surrogate: M2-8:2 FTS	162 %		50-200						
M2-6:2FTS	Surrogate: M2-6:2 FTS	328 %	PFSu-H	50-200						
M2-4:2FTS	Surrogate: M2-4:2 FTS	333 %	PFSu-H	50-200						

**Q P PFAS, EPA 537.1 UCMR5 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 537.1 SPE DVB

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level		Units	Reported to LOQ	Reference Method	Date/Time	
				MCL					Prep/Ana	Analyst
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		-		ng/L	1.85	EPA 537.1	10/16/2025 06:57	KFH
							Certifications:	CTDPH-PH-0837,NJDEP-NY	10/17/2025 20:00	
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		-		ng/L	1.85	EPA 537.1	10/16/2025 06:57	KFH
							Certifications:	CTDPH-PH-0837,NJDEP-NY	10/17/2025 20:00	
2355-31-9	N-MeFOSAA	ND		-		ng/L	1.85	EPA 537.1	10/16/2025 06:57	KFH
							Certifications:	CTDPH-PH-0837,NJDEP-NY	10/17/2025 20:00	
2991-50-6	N-EtFOSAA	ND		-		ng/L	1.85	EPA 537.1	10/16/2025 06:57	KFH
							Certifications:	CTDPH-PH-0837,NJDEP-NY	10/17/2025 20:00	

**Surrogate Recoveries**

Parameter	Result	Flag	Acceptance Range
D5-NETFOSAA Surrogate: d5-N-EtFOSAA	72.4 %		70-130
MPFDA Surrogate: MPFDA	139 %	PFSH	70-130
307-24-4 Surrogate: MPFHxA	144 %	PFSH	70-130
M3HFPO-DA Surrogate: M3HFPO-DA	102 %		70-130

### Sample Information

**Client Sample ID:** Blended Entry Point 3 Field

**York Sample ID:** 25J0847-03

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

25J0847

PFAS/ 1,4-Dioxane October 2025

Drinking Water

October 14, 2025 10:20 am

10/14/2025

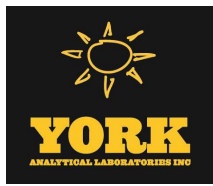
**Q P PFAS, EPA 533 Hazard Index**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 533

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level		Units	LOQ	Reference Method	Date/Time	
				MCL					Prep/Ana	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:** Blended Entry Point 3 Field

**York Sample ID:** 25J0847-03

**York Project (SDG) No.**  
25J0847

**Client Project ID**  
PFAS/ 1,4-Dioxane October 2025

**Matrix**  
Drinking Water

**Collection Date/Time**  
October 14, 2025 10:20 am

**Date Received**  
10/14/2025

**Q P PFAS, EPA 533 Hazard Index**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 533

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level			LOQ	Reference Method	Date/Time	
				MCL	Units				Prep/Ana	Analyst
	<b>* Hazard Index</b>	<b>0.244</b>		1	Unitless		0.0909	EPA 533	10/15/2025 11:59	KFH
					(H)				10/18/2025 18:04	

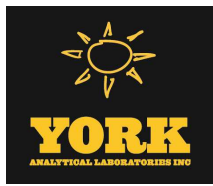
**Q P PFAS, EPA 533 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 533

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level			Reported to LOQ	Reference Method	Date/Time	
				MCL	Units				Prep/Ana	Analyst
919005-14-4	ADONA	ND		-	ng/L		1.82	EPA 533	10/15/2025 11:59	KFH
								Certifications: NYSDOH-NY12058,CTDPH-	10/18/2025 18:04	
756426-58-1	9CL-PF3ONS	ND		-	ng/L		1.82	EPA 533	10/15/2025 11:59	KFH
								Certifications: NYSDOH-NY12058,CTDPH-	10/18/2025 18:04	
763051-92-9	11CL-PF3OUdS	ND		-	ng/L		1.82	EPA 533	10/15/2025 11:59	KFH
								Certifications: NYSDOH-NY12058,CTDPH-	10/18/2025 18:04	
13252-13-6	HFPO-DA (Gen-X)	ND		10	ng/L		1.82	EPA 533	10/15/2025 11:59	KFH
								Certifications: NYSDOH-NY12058,CTDPH-	10/18/2025 18:04	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		-	ng/L		1.82	EPA 533	10/15/2025 11:59	KFH
								Certifications: NYSDOH-NY12058,CTDPH-	10/18/2025 18:04	
335-76-2	Perfluorodecanoic acid (PFDA)	ND		-	ng/L		1.82	EPA 533	10/15/2025 11:59	KFH
								Certifications: NYSDOH-NY12058,CTDPH-	10/18/2025 18:04	
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		-	ng/L		1.82	EPA 533	10/15/2025 11:59	KFH
								Certifications: NYSDOH-NY12058,CTDPH-	10/18/2025 18:04	
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		-	ng/L		1.82	EPA 533	10/15/2025 11:59	KFH
								Certifications: NYSDOH-NY12058,CTDPH-	10/18/2025 18:04	
355-46-4	<b>Perfluorohexanesulfonic acid (PFHxS)</b>	<b>2.20</b>		10	ng/L		1.82	EPA 533	10/15/2025 11:59	KFH
								Certifications: NYSDOH-NY12058,CTDPH-PH-0837,NJDE	10/18/2025 18:04	
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		-	ng/L		1.82	EPA 533	10/15/2025 11:59	KFH
								Certifications: NYSDOH-NY12058,CTDPH-	10/18/2025 18:04	
375-95-1	Perfluorononanoic acid (PFNA)	ND		10	ng/L		1.82	EPA 533	10/15/2025 11:59	KFH
								Certifications: NYSDOH-NY12058,CTDPH-	10/18/2025 18:04	
1763-23-1	<b>Perfluorooctanesulfonic acid (PFOS)</b>	<b>3.85</b>		10	ng/L		1.82	EPA 533	10/15/2025 11:59	KFH
								Certifications: NYSDOH-NY12058,CTDPH-PH-0837,NJDE	10/18/2025 18:04	
335-67-1	Perfluorooctanoic acid (PFOA)	ND		10	ng/L		1.82	EPA 533	10/15/2025 11:59	KFH
								Certifications: NYSDOH-NY12058,CTDPH-	10/18/2025 18:04	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		-	ng/L		1.82	EPA 533	10/15/2025 11:59	KFH
								Certifications: NYSDOH-NY12058,CTDPH-	10/18/2025 18:04	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		-	ng/L		1.82	EPA 533	10/15/2025 11:59	KFH
								Certifications: NYSDOH-NY12058,CTDPH-	10/18/2025 18:04	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		-	ng/L		1.82	EPA 533	10/15/2025 11:59	KFH
								Certifications: NYSDOH-NY12058,CTDPH-	10/18/2025 18:04	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		-	ng/L		1.82	EPA 533	10/15/2025 11:59	KFH
								Certifications: NYSDOH-NY12058,CTDPH-	10/18/2025 18:04	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		-	ng/L		1.82	EPA 533	10/15/2025 11:59	KFH
								Certifications: NYSDOH-NY12058,CTDPH-	10/18/2025 18:04	



### Sample Information

**Client Sample ID:** Blended Entry Point 3 Field

**York Sample ID:** 25J0847-03

**York Project (SDG) No.**  
25J0847

**Client Project ID**  
PFAS/ 1,4-Dioxane October 2025

**Matrix**  
Drinking Water

**Collection Date/Time**  
October 14, 2025 10:20 am

**Date Received**  
10/14/2025

**Q P PFAS, EPA 533 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 533

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level		Units	Reported to LOQ	Reference Method	Date/Time Prep/Ana	Analyst
				MCL						
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		-		ng/L	1.82	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 18:04	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		-		ng/L	1.82	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 18:04	
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		-		ng/L	1.82	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 18:04	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		-		ng/L	1.82	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 18:04	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		-		ng/L	1.82	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 18:04	
151772-58-6	Perfluoro-3,6-dioxiheptanoic acid (NFDHA)	ND		-		ng/L	1.82	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 18:04	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		-		ng/L	1.82	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 18:04	
	<b>Surrogate Recoveries</b>	<b>Result</b>		<b>Acceptance Range</b>						
19719-28-9	Surrogate: MPFDoA	79.7 %		50-200						
13C4PFBA	Surrogate: MPFBA	101 %		50-200						
13C9PFNA	Surrogate: M9PFNA	89.1 %		50-200						
M8PFOS	Surrogate: M8PFOS	95.7 %		50-200						
13C8PFOA	Surrogate: M8PFOA	87.9 %		50-200						
13C7PFUNA	Surrogate: M7PFUdA	82.4 %		50-200						
13C6PFDA	Surrogate: M6PFDA	86.6 %		50-200						
13C5PFPEA	Surrogate: M5PFPeA	85.0 %		50-200						
338-30-1	Surrogate: M5PFHxA	89.9 %		50-200						
13C4PFHPA	Surrogate: M4PFHpA	87.6 %		50-200						
13C3PFHXS	Surrogate: M3PFHxS	107 %		50-200						
M3PFBS	Surrogate: M3PFBS	111 %		50-200						
M3HFPO-DA	Surrogate: M3HFPO-DA	79.1 %		50-200						
M2-8:2FTS	Surrogate: M2-8:2 FTS	142 %		50-200						
M2-6:2FTS	Surrogate: M2-6:2 FTS	217 %	PFSu-H	50-200						
M2-4:2FTS	Surrogate: M2-4:2 FTS	372 %	PFSu-H	50-200						

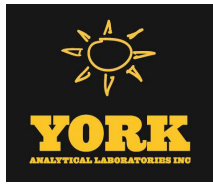
**Q P PFAS, EPA 537.1 UCMR5 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 537.1 SPE DVB

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level		Units	Reported to LOQ	Reference Method	Date/Time Prep/Ana	Analyst
				MCL						
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		-		ng/L	1.99	EPA 537.1	10/16/2025 06:57	KFH
							Certifications:	CTDPH-PH-0837,NJDEP-NY	10/17/2025 20:13	
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		-		ng/L	1.99	EPA 537.1	10/16/2025 06:57	KFH
							Certifications:	CTDPH-PH-0837,NJDEP-NY	10/17/2025 20:13	



### Sample Information

**Client Sample ID:** Blended Entry Point 3 Field

**York Sample ID:** 25J0847-03

**York Project (SDG) No.** 25J0847      **Client Project ID** PFAS/ 1,4-Dioxane October 2025      **Matrix** Drinking Water      **Collection Date/Time** October 14, 2025 10:20 am      **Date Received** 10/14/2025

**Q P PFAS, EPA 537.1 UCMR5 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 537.1 SPE DVB

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level		Units	Reported to LOQ	Reference Method	Date/Time Prep/Ana	Analyst
				MCL						
2355-31-9	N-MeFOSAA	ND		-		ng/L	1.99	EPA 537.1	10/16/2025 06:57	KFH
							Certifications:	CTDPH-PH-0837,NJDEP-NY	10/17/2025 20:13	
2991-50-6	N-EtFOSAA	ND		-		ng/L	1.99	EPA 537.1	10/16/2025 06:57	KFH
							Certifications:	CTDPH-PH-0837,NJDEP-NY	10/17/2025 20:13	
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>							
D5-NETFOSAA	Surrogate: d5-N-EtFOSAA	76.0 %	70-130							
MPFDA	Surrogate: MPFDA	120 %	70-130							
307-24-4	Surrogate: MPFHxA	119 %	70-130							
M3HFPO-DA	Surrogate: M3HFPO-DA	84.3 %	70-130							

### Sample Information

**Client Sample ID:** Post Iron Effluent 4 Field

**York Sample ID:** 25J0847-04

**York Project (SDG) No.** 25J0847      **Client Project ID** PFAS/ 1,4-Dioxane October 2025      **Matrix** Drinking Water      **Collection Date/Time** October 14, 2025 9:45 am      **Date Received** 10/14/2025

**Q P PFAS, EPA 533 Hazard Index**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 533

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level		Units	LOQ	Reference Method	Date/Time Prep/Ana	Analyst
				MCL						
	* Hazard Index	ND		1		Unitless	0.0916	EPA 533	10/15/2025 11:59	KFH
							Certifications:		10/18/2025 18:17	

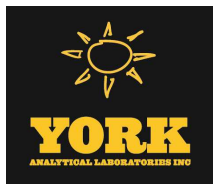
**Q P PFAS, EPA 533 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 533

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level		Units	Reported to LOQ	Reference Method	Date/Time Prep/Ana	Analyst
				MCL						
919005-14-4	ADONA	ND		-		ng/L	1.83	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 18:17	
756426-58-1	9CL-PF3ONS	ND		-		ng/L	1.83	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 18:17	
763051-92-9	11CL-PF3OUdS	ND		-		ng/L	1.83	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 18:17	
13252-13-6	HFPO-DA (Gen-X)	ND		10		ng/L	1.83	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 18:17	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		-		ng/L	1.83	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 18:17	
335-76-2	Perfluorodecanoic acid (PFDA)	ND		-		ng/L	1.83	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 18:17	
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		-		ng/L	1.83	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 18:17	



### Sample Information

**Client Sample ID:** Post Iron Effluent 4 Field

**York Sample ID:** 25J0847-04

York Project (SDG) No.  
25J0847

Client Project ID  
PFAS/ 1,4-Dioxane October 2025

Matrix  
Drinking Water

Collection Date/Time  
October 14, 2025 9:45 am

Date Received  
10/14/2025

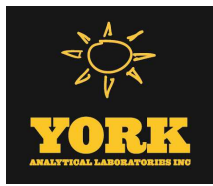
**Q P PFAS, EPA 533 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 533

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level		Units	Reported to LOQ	Reference Method	Date/Time Prep/Ana	Analyst
				MCL						
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		-		ng/L	1.83	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 18:17	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		10		ng/L	1.83	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 18:17	
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		-		ng/L	1.83	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 18:17	
375-95-1	Perfluorononanoic acid (PFNA)	ND		10		ng/L	1.83	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 18:17	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		10		ng/L	1.83	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 18:17	
335-67-1	Perfluorooctanoic acid (PFOA)	ND		10		ng/L	1.83	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 18:17	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		-		ng/L	1.83	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 18:17	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		-		ng/L	1.83	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 18:17	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		-		ng/L	1.83	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 18:17	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		-		ng/L	1.83	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 18:17	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		-		ng/L	1.83	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 18:17	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		-		ng/L	1.83	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 18:17	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		-		ng/L	1.83	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 18:17	
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		-		ng/L	1.83	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 18:17	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		-		ng/L	1.83	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 18:17	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		-		ng/L	1.83	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 18:17	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		-		ng/L	1.83	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 18:17	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		-		ng/L	1.83	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 18:17	
	<b>Surrogate Recoveries</b>	<b>Result</b>		<b>Acceptance Range</b>						
19719-28-9	Surrogate: MPFDoA	65.0 %		50-200						
13C4PFBA	Surrogate: MPFBA	106 %		50-200						
13C9PFNA	Surrogate: M9PFNA	95.5 %		50-200						
M8PFOS	Surrogate: M8PFOS	99.6 %		50-200						
13C8PFOA	Surrogate: M8PFOA	90.0 %		50-200						
13C7PFUNA	Surrogate: M7PFUdA	81.6 %		50-200						



### Sample Information

**Client Sample ID:** Post Iron Effluent 4 Field **York Sample ID:** 25J0847-04

**York Project (SDG) No.** 25J0847 **Client Project ID** PFAS/ 1,4-Dioxane October 2025 **Matrix** Drinking Water **Collection Date/Time** October 14, 2025 9:45 am **Date Received** 10/14/2025

**Q P PFAS, EPA 533 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 533

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level		Units	Reported to LOQ	Reference Method	Date/Time	
				MCL					Prep/Ana	Analyst
13C6PFDA	Surrogate: M6PFDA	90.1 %		50-200						
13C5PFPEA	Surrogate: M5PFPeA	103 %		50-200						
338-30-1	Surrogate: M5PFHxA	98.8 %		50-200						
13C4PFHPA	Surrogate: M4PFHpA	88.3 %		50-200						
13C3PFHXS	Surrogate: M3PFHxS	99.5 %		50-200						
M3PFBS	Surrogate: M3PFBS	105 %		50-200						
M3HFPO-DA	Surrogate: M3HFPO-DA	107 %		50-200						
M2-8:2FTS	Surrogate: M2-8:2 FTS	135 %		50-200						
M2-6:2FTS	Surrogate: M2-6:2 FTS	212 %	PFSu-H	50-200						
M2-4:2FTS	Surrogate: M2-4:2 FTS	352 %	PFSu-H	50-200						

**Q P PFAS, EPA 537.1 UCMR5 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 537.1 SPE DVB

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level		Units	Reported to LOQ	Reference Method	Date/Time	
				MCL					Prep/Ana	Analyst
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		-		ng/L	1.85	EPA 537.1	10/16/2025 06:57	KFH
							Certifications:	CTDPH-PH-0837,NJDEP-NY	10/17/2025 20:26	
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		-		ng/L	1.85	EPA 537.1	10/16/2025 06:57	KFH
							Certifications:	CTDPH-PH-0837,NJDEP-NY	10/17/2025 20:26	
2355-31-9	N-MeFOSAA	ND		-		ng/L	1.85	EPA 537.1	10/16/2025 06:57	KFH
							Certifications:	CTDPH-PH-0837,NJDEP-NY	10/17/2025 20:26	
2991-50-6	N-EtFOSAA	ND		-		ng/L	1.85	EPA 537.1	10/16/2025 06:57	KFH
							Certifications:	CTDPH-PH-0837,NJDEP-NY	10/17/2025 20:26	
	<b>Surrogate Recoveries</b>	<b>Result</b>		<b>Acceptance Range</b>						
D5-NETFOSAA	Surrogate: d5-N-EtFOSAA	75.8 %		70-130						
MPFDA	Surrogate: MPFDA	124 %		70-130						
307-24-4	Surrogate: MPFHxA	123 %		70-130						
M3HFPO-DA	Surrogate: M3HFPO-DA	86.5 %		70-130						

### Sample Information

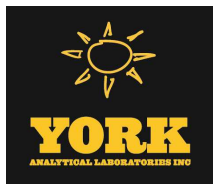
**Client Sample ID:** Well 1-2 **York Sample ID:** 25J0847-05

**York Project (SDG) No.** 25J0847 **Client Project ID** PFAS/ 1,4-Dioxane October 2025 **Matrix** Drinking Water **Collection Date/Time** October 14, 2025 7:50 am **Date Received** 10/14/2025

**1,4-Dioxane by GC/MS/SIM EPA 522**

**Log-in Notes:**

**Sample Notes:**



### Sample Information

**Client Sample ID:** Well 1-2

**York Sample ID:** 25J0847-05

**York Project (SDG) No.**  
25J0847

**Client Project ID**  
PFAS/ 1,4-Dioxane October 2025

**Matrix**  
Drinking Water

**Collection Date/Time**  
October 14, 2025 7:50 am

**Date Received**  
10/14/2025

Sample Prepared by Method: EPA 522

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level MCL	Units	Reported to LOQ	Reference Method	Date/Time Prep/Ana	Analyst
123-91-1	1,4-Dioxane	ND		1	ug/L	0.200	EPA 522	10/21/2025 09:47	ss
						Certifications: NYSDOH-NY10854		10/23/2025 20:43	
	<b>Surrogate Recoveries</b>	<b>Result</b>		<b>Acceptance Range</b>					
17647-74-4	Surrogate: 1,4-Dioxane-d8	116 %		70-130					

**Q P PFAS, EPA 533 Hazard Index**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 533

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level MCL	Units	LOQ	Reference Method	Date/Time Prep/Ana	Analyst
	<b>* Hazard Index</b>	<b>1.97</b>		1	Unitless (HI)	0.0943	EPA 533	10/15/2025 11:59	KFH
						Certifications:		10/18/2025 18:30	

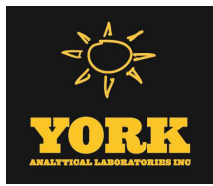
**Q P PFAS, EPA 533 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 533

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level MCL	Units	Reported to LOQ	Reference Method	Date/Time Prep/Ana	Analyst
919005-14-4	ADONA	ND		-	ng/L	1.89	EPA 533	10/15/2025 11:59	KFH
						Certifications: NYSDOH-NY12058,CTDPH-		10/18/2025 18:30	
756426-58-1	9CL-PF3ONS	ND		-	ng/L	1.89	EPA 533	10/15/2025 11:59	KFH
						Certifications: NYSDOH-NY12058,CTDPH-		10/18/2025 18:30	
763051-92-9	11CL-PF3OUdS	ND		-	ng/L	1.89	EPA 533	10/15/2025 11:59	KFH
						Certifications: NYSDOH-NY12058,CTDPH-		10/18/2025 18:30	
13252-13-6	HFPO-DA (Gen-X)	ND		10	ng/L	1.89	EPA 533	10/15/2025 11:59	KFH
						Certifications: NYSDOH-NY12058,CTDPH-		10/18/2025 18:30	
375-73-5	<b>Perfluorobutanesulfonic acid (PFBS)</b>	<b>3.85</b>		-	ng/L	1.89	EPA 533	10/15/2025 11:59	KFH
						Certifications: NYSDOH-NY12058,CTDPH-PH-0837,NJDE		10/18/2025 18:30	
335-76-2	Perfluorodecanoic acid (PFDA)	ND		-	ng/L	1.89	EPA 533	10/15/2025 11:59	KFH
						Certifications: NYSDOH-NY12058,CTDPH-		10/18/2025 18:30	
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		-	ng/L	1.89	EPA 533	10/15/2025 11:59	KFH
						Certifications: NYSDOH-NY12058,CTDPH-		10/18/2025 18:30	
375-85-9	<b>Perfluoroheptanoic acid (PFHpA)</b>	<b>5.55</b>		-	ng/L	1.89	EPA 533	10/15/2025 11:59	KFH
						Certifications: NYSDOH-NY12058,CTDPH-PH-0837,NJDE		10/18/2025 18:30	
355-46-4	<b>Perfluorohexanesulfonic acid (PFHxS)</b>	<b>12.2</b>		10	ng/L	1.89	EPA 533	10/15/2025 11:59	KFH
						Certifications: NYSDOH-NY12058,CTDPH-PH-0837,NJDE		10/18/2025 18:30	
307-24-4	<b>Perfluorohexanoic acid (PFHxA)</b>	<b>7.85</b>		-	ng/L	1.89	EPA 533	10/15/2025 11:59	KFH
						Certifications: NYSDOH-NY12058,CTDPH-PH-0837,NJDE		10/18/2025 18:30	
375-95-1	<b>Perfluorononanoic acid (PFNA)</b>	<b>6.11</b>		10	ng/L	1.89	EPA 533	10/15/2025 11:59	KFH
						Certifications: NYSDOH-NY12058,CTDPH-PH-0837,NJDE		10/18/2025 18:30	
1763-23-1	<b>Perfluorooctanesulfonic acid (PFOS)</b>	<b>28.2</b>		10	ng/L	1.89	EPA 533	10/15/2025 11:59	KFH
						Certifications: NYSDOH-NY12058,CTDPH-PH-0837,NJDE		10/18/2025 18:30	
335-67-1	<b>Perfluorooctanoic acid (PFOA)</b>	<b>10.7</b>	<b>PF-LCS-H</b>	10	ng/L	1.89	EPA 533	10/15/2025 11:59	KFH
						Certifications: NYSDOH-NY12058,CTDPH-PH-0837,NJDE		10/18/2025 18:30	



### Sample Information

**Client Sample ID:** Well 1-2

**York Sample ID:** 25J0847-05

**York Project (SDG) No.**  
25J0847

**Client Project ID**  
PFAS/ 1,4-Dioxane October 2025

**Matrix**  
Drinking Water

**Collection Date/Time**  
October 14, 2025 7:50 am

**Date Received**  
10/14/2025

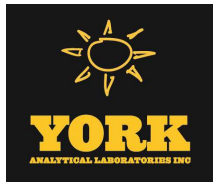
**Q P PFAS, EPA 533 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 533

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level		Units	Reported to LOQ	Reference Method	Date/Time Prep/Ana	Analyst
				MCL						
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		-		ng/L	1.89	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 18:30	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		-		ng/L	1.89	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 18:30	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		-		ng/L	1.89	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 18:30	
375-22-4	<b>Perfluoro-n-butanoic acid (PFBA)</b>	<b>3.64</b>		-		ng/L	1.89	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-PH-0837,NJDE	10/18/2025 18:30	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		-		ng/L	1.89	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 18:30	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		-		ng/L	1.89	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 18:30	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		-		ng/L	1.89	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 18:30	
2706-90-3	<b>Perfluoropentanoic acid (PFPeA)</b>	<b>7.68</b>		-		ng/L	1.89	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-PH-0837,NJDE	10/18/2025 18:30	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		-		ng/L	1.89	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 18:30	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		-		ng/L	1.89	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 18:30	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		-		ng/L	1.89	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 18:30	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		-		ng/L	1.89	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 18:30	
	<b>Surrogate Recoveries</b>	<b>Result</b>		<b>Acceptance Range</b>						
19719-28-9	Surrogate: MPFDoA	69.1 %		50-200						
13C4PFBA	Surrogate: MPFBA	90.5 %		50-200						
13C9PFNA	Surrogate: M9PFNA	78.9 %		50-200						
M8PFOS	Surrogate: M8PFOS	95.5 %		50-200						
13C8PFOA	Surrogate: M8PFOA	81.0 %		50-200						
13C7PFUNA	Surrogate: M7PFUdA	74.5 %		50-200						
13C6PFDA	Surrogate: M6PFDA	79.2 %		50-200						
13C5PFPEA	Surrogate: M5PFPeA	77.9 %		50-200						
338-30-1	Surrogate: M5PFHxA	78.4 %		50-200						
13C4PFHPA	Surrogate: M4PFHpA	78.9 %		50-200						
13C3PFHXS	Surrogate: M3PFHxS	95.2 %		50-200						
M3PFBS	Surrogate: M3PFBS	105 %		50-200						
M3HFPO-DA	Surrogate: M3HFPO-DA	77.4 %		50-200						
M2-8:2FTS	Surrogate: M2-8:2 FTS	133 %		50-200						
M2-6:2FTS	Surrogate: M2-6:2 FTS	214 %	PFSu-H	50-200						



### Sample Information

**Client Sample ID:** Well 1-2

**York Sample ID:** 25J0847-05

**York Project (SDG) No.**  
25J0847

**Client Project ID**  
PFAS/ 1,4-Dioxane October 2025

**Matrix**  
Drinking Water

**Collection Date/Time**  
October 14, 2025 7:50 am

**Date Received**  
10/14/2025

**Q P PFAS, EPA 533 Target List**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 533

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level		Units	Reported to LOQ	Reference Method	Date/Time Prep/Ana	Analyst
				MCL						
M2-4:2FTS	Surrogate: M2-4:2 FTS	376 %	PFSu-H	50-200						

**Q P PFAS, EPA 537.1 UCMR5 List**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 537.1 SPE DVB

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level		Units	Reported to LOQ	Reference Method	Date/Time Prep/Ana	Analyst
				MCL						
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		-		ng/L	1.84	EPA 537.1	10/16/2025 06:57	KFH
							Certifications:	CTDPH-PH-0837,NJDEP-NY	10/17/2025 20:39	
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		-		ng/L	1.84	EPA 537.1	10/16/2025 06:57	KFH
							Certifications:	CTDPH-PH-0837,NJDEP-NY	10/17/2025 20:39	
2355-31-9	N-MeFOSAA	ND		-		ng/L	1.84	EPA 537.1	10/16/2025 06:57	KFH
							Certifications:	CTDPH-PH-0837,NJDEP-NY	10/17/2025 20:39	
2991-50-6	N-EtFOSAA	ND		-		ng/L	1.84	EPA 537.1	10/16/2025 06:57	KFH
							Certifications:	CTDPH-PH-0837,NJDEP-NY	10/17/2025 20:39	
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>							
D5-NETFOSAA	Surrogate: d5-N-EtFOSAA	73.9 %		70-130						
MPFDA	Surrogate: MPFDA	131 %	PFSH	70-130						
307-24-4	Surrogate: MPFHxA	120 %		70-130						
M3HFPO-DA	Surrogate: M3HFPO-DA	83.3 %		70-130						

### Sample Information

**Client Sample ID:** Well 1-1

**York Sample ID:** 25J0847-06

**York Project (SDG) No.**  
25J0847

**Client Project ID**  
PFAS/ 1,4-Dioxane October 2025

**Matrix**  
Drinking Water

**Collection Date/Time**  
October 14, 2025 7:35 am

**Date Received**  
10/14/2025

**Q P PFAS, EPA 533 Hazard Index**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 533

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level		Units	LOQ	Reference Method	Date/Time Prep/Ana	Analyst
				MCL						
	<b>* Hazard Index</b>	<b>3.01</b>		1		Unitless	0.0954	EPA 533	10/15/2025 11:59	KFH
						(HI) Certifications:			10/18/2025 18:56	

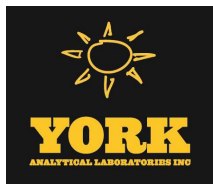
**Q P PFAS, EPA 533 Target List**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 533

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level		Units	Reported to LOQ	Reference Method	Date/Time Prep/Ana	Analyst
				MCL						
919005-14-4	ADONA	ND		-		ng/L	1.91	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 18:56	
756426-58-1	9CL-PF3ONS	ND		-		ng/L	1.91	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 18:56	



### Sample Information

**Client Sample ID:** Well 1-1

**York Sample ID:** 25J0847-06

**York Project (SDG) No.**  
25J0847

**Client Project ID**  
PFAS/ 1,4-Dioxane October 2025

**Matrix**  
Drinking Water

**Collection Date/Time**  
October 14, 2025 7:35 am

**Date Received**  
10/14/2025

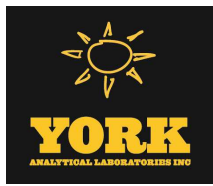
**Q P PFAS, EPA 533 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 533

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level		Units	Reported to LOQ	Reference Method	Date/Time Prep/Ana	Analyst
				MCL						
763051-92-9	11CL-PF3OUdS	ND		-		ng/L	1.91	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 18:56	
13252-13-6	HFPO-DA (Gen-X)	ND		10		ng/L	1.91	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 18:56	
375-73-5	<b>Perfluorobutanesulfonic acid (PFBS)</b>	<b>1.93</b>		-		ng/L	1.91	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-PH-0837,NJDE	10/18/2025 18:56	
335-76-2	Perfluorodecanoic acid (PFDA)	ND		-		ng/L	1.91	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 18:56	
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		-		ng/L	1.91	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 18:56	
375-85-9	<b>Perfluoroheptanoic acid (PFHpA)</b>	<b>5.01</b>		-		ng/L	1.91	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-PH-0837,NJDE	10/18/2025 18:56	
355-46-4	<b>Perfluorohexanesulfonic acid (PFHxS)</b>	<b>11.0</b>		10		ng/L	1.91	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-PH-0837,NJDE	10/18/2025 18:56	
307-24-4	<b>Perfluorohexanoic acid (PFHxA)</b>	<b>6.11</b>		-		ng/L	1.91	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-PH-0837,NJDE	10/18/2025 18:56	
375-95-1	<b>Perfluorononanoic acid (PFNA)</b>	<b>17.9</b>		10		ng/L	1.91	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-PH-0837,NJDE	10/18/2025 18:56	
1763-23-1	<b>Perfluorooctanesulfonic acid (PFOS)</b>	<b>56.2</b>		10		ng/L	1.91	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-PH-0837,NJDE	10/18/2025 18:56	
335-67-1	<b>Perfluorooctanoic acid (PFOA)</b>	<b>9.40</b>	<b>PF-LCS-H</b>	10		ng/L	1.91	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-PH-0837,NJDE	10/18/2025 18:56	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		-		ng/L	1.91	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 18:56	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		-		ng/L	1.91	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 18:56	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		-		ng/L	1.91	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 18:56	
375-22-4	<b>Perfluoro-n-butanoic acid (PFBA)</b>	<b>2.59</b>		-		ng/L	1.91	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-PH-0837,NJDE	10/18/2025 18:56	
39108-34-4	<b>1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)</b>	<b>1.99</b>		-		ng/L	1.91	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-PH-0837,NJDE	10/18/2025 18:56	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		-		ng/L	1.91	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 18:56	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		-		ng/L	1.91	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 18:56	
2706-90-3	<b>Perfluoropentanoic acid (PFPeA)</b>	<b>5.95</b>		-		ng/L	1.91	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-PH-0837,NJDE	10/18/2025 18:56	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		-		ng/L	1.91	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 18:56	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		-		ng/L	1.91	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 18:56	



### Sample Information

**Client Sample ID:** Well 1-1

**York Sample ID:** 25J0847-06

**York Project (SDG) No.**  
25J0847

**Client Project ID**  
PFAS/ 1,4-Dioxane October 2025

**Matrix**  
Drinking Water

**Collection Date/Time**  
October 14, 2025 7:35 am

**Date Received**  
10/14/2025

**Q P PFAS, EPA 533 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 533

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level		Units	Reported to LOQ	Reference Method	Date/Time Prep/Ana	Analyst
				MCL						
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		-		ng/L	1.91	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 18:56	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND		-		ng/L	1.91	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 18:56	
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>							
19719-28-9	Surrogate: MPFDoA	72.2 %	50-200							
13C4PFBA	Surrogate: MPFBA	103 %	50-200							
13C9PFNA	Surrogate: M9PFNA	79.8 %	50-200							
M8PFOS	Surrogate: M8PFOS	101 %	50-200							
13C8PFOA	Surrogate: M8PFOA	87.1 %	50-200							
13C7PFUNA	Surrogate: M7PFUdA	78.9 %	50-200							
13C6PFDA	Surrogate: M6PFDA	86.3 %	50-200							
13C5PFPEA	Surrogate: M5PFPeA	89.5 %	50-200							
338-30-1	Surrogate: M5PFHxA	85.7 %	50-200							
13C4PFHPA	Surrogate: M4PFHpA	80.4 %	50-200							
13C3PFHXS	Surrogate: M3PFHxS	113 %	50-200							
M3PFBS	Surrogate: M3PFBS	120 %	50-200							
M3HFPO-DA	Surrogate: M3HFPO-DA	80.8 %	50-200							
M2-8:2FTS	Surrogate: M2-8:2 FTS	154 %	50-200							
M2-6:2FTS	Surrogate: M2-6:2 FTS	240 %	PFSu-H	50-200						
M2-4:2FTS	Surrogate: M2-4:2 FTS	420 %	PFSu-H	50-200						

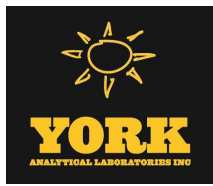
**Q P PFAS, EPA 537.1 UCMR5 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 537.1 SPE DVB

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level		Units	Reported to LOQ	Reference Method	Date/Time Prep/Ana	Analyst
				MCL						
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		-		ng/L	1.92	EPA 537.1	10/16/2025 06:57	KFH
							Certifications:	CTDPH-PH-0837,NJDEP-NY	10/17/2025 20:52	
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		-		ng/L	1.92	EPA 537.1	10/16/2025 06:57	KFH
							Certifications:	CTDPH-PH-0837,NJDEP-NY	10/17/2025 20:52	
2355-31-9	N-MeFOSAA	ND		-		ng/L	1.92	EPA 537.1	10/16/2025 06:57	KFH
							Certifications:	CTDPH-PH-0837,NJDEP-NY	10/17/2025 20:52	
2991-50-6	N-EtFOSAA	ND		-		ng/L	1.92	EPA 537.1	10/16/2025 06:57	KFH
							Certifications:	CTDPH-PH-0837,NJDEP-NY	10/17/2025 20:52	
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>							
D5-NETFOSAA	Surrogate: d5-N-EtFOSAA	80.6 %	70-130							
MPFDA	Surrogate: MPFDA	127 %	70-130							
307-24-4	Surrogate: MPFHxA	118 %	70-130							
M3HFPO-DA	Surrogate: M3HFPO-DA	84.1 %	70-130							



### Sample Information

**Client Sample ID:** Well 1-3

**York Sample ID:** 25J0847-07

**York Project (SDG) No.**  
25J0847

**Client Project ID**  
PFAS/ 1,4-Dioxane October 2025

**Matrix**  
Drinking Water

**Collection Date/Time**  
October 14, 2025 8:20 am

**Date Received**  
10/14/2025

**Q P PFAS, EPA 533 Hazard Index**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 533

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level			LOQ	Reference Method	Date/Time	
				MCL	Units				Prep/Ana	Analyst
	<b>* Hazard Index</b>	<b>1.88</b>		1	Unitless		0.0923	EPA 533	10/15/2025 11:59	KFH
					(H)				10/18/2025 19:09	

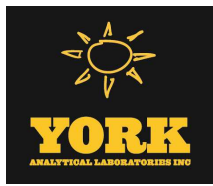
**Q P PFAS, EPA 533 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 533

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level			Reported to LOQ	Reference Method	Date/Time	
				MCL	Units				Prep/Ana	Analyst
919005-14-4	ADONA	ND		-	ng/L	1.85	EPA 533	10/15/2025 11:59	KFH	
							Certifications: NYSDOH-NY12058,CTDPH-	10/18/2025 19:09		
756426-58-1	9CL-PF3ONS	ND		-	ng/L	1.85	EPA 533	10/15/2025 11:59	KFH	
							Certifications: NYSDOH-NY12058,CTDPH-	10/18/2025 19:09		
763051-92-9	11CL-PF3OUdS	ND		-	ng/L	1.85	EPA 533	10/15/2025 11:59	KFH	
							Certifications: NYSDOH-NY12058,CTDPH-	10/18/2025 19:09		
13252-13-6	HFPO-DA (Gen-X)	ND		10	ng/L	1.85	EPA 533	10/15/2025 11:59	KFH	
							Certifications: NYSDOH-NY12058,CTDPH-	10/18/2025 19:09		
375-73-5	<b>Perfluorobutanesulfonic acid (PFBS)</b>	<b>3.14</b>		-	ng/L	1.85	EPA 533	10/15/2025 11:59	KFH	
							Certifications: NYSDOH-NY12058,CTDPH-PH-0837,NJDE	10/18/2025 19:09		
335-76-2	Perfluorodecanoic acid (PFDA)	ND		-	ng/L	1.85	EPA 533	10/15/2025 11:59	KFH	
							Certifications: NYSDOH-NY12058,CTDPH-	10/18/2025 19:09		
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		-	ng/L	1.85	EPA 533	10/15/2025 11:59	KFH	
							Certifications: NYSDOH-NY12058,CTDPH-	10/18/2025 19:09		
375-85-9	<b>Perfluoroheptanoic acid (PFHpA)</b>	<b>4.13</b>		-	ng/L	1.85	EPA 533	10/15/2025 11:59	KFH	
							Certifications: NYSDOH-NY12058,CTDPH-PH-0837,NJDE	10/18/2025 19:09		
355-46-4	<b>Perfluorohexanesulfonic acid (PFHxS)</b>	<b>13.4</b>		10	ng/L	1.85	EPA 533	10/15/2025 11:59	KFH	
							Certifications: NYSDOH-NY12058,CTDPH-PH-0837,NJDE	10/18/2025 19:09		
307-24-4	<b>Perfluorohexanoic acid (PFHxA)</b>	<b>6.85</b>		-	ng/L	1.85	EPA 533	10/15/2025 11:59	KFH	
							Certifications: NYSDOH-NY12058,CTDPH-PH-0837,NJDE	10/18/2025 19:09		
375-95-1	<b>Perfluorononanoic acid (PFNA)</b>	<b>3.97</b>		10	ng/L	1.85	EPA 533	10/15/2025 11:59	KFH	
							Certifications: NYSDOH-NY12058,CTDPH-PH-0837,NJDE	10/18/2025 19:09		
1763-23-1	<b>Perfluorooctanesulfonic acid (PFOS)</b>	<b>23.5</b>		10	ng/L	1.85	EPA 533	10/15/2025 11:59	KFH	
							Certifications: NYSDOH-NY12058,CTDPH-PH-0837,NJDE	10/18/2025 19:09		
335-67-1	<b>Perfluorooctanoic acid (PFOA)</b>	<b>8.62</b>	<b>PF-LCS-H</b>	10	ng/L	1.85	EPA 533	10/15/2025 11:59	KFH	
							Certifications: NYSDOH-NY12058,CTDPH-PH-0837,NJDE	10/18/2025 19:09		
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		-	ng/L	1.85	EPA 533	10/15/2025 11:59	KFH	
							Certifications: NYSDOH-NY12058,CTDPH-	10/18/2025 19:09		
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		-	ng/L	1.85	EPA 533	10/15/2025 11:59	KFH	
							Certifications: NYSDOH-NY12058,CTDPH-	10/18/2025 19:09		
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		-	ng/L	1.85	EPA 533	10/15/2025 11:59	KFH	
							Certifications: NYSDOH-NY12058,CTDPH-	10/18/2025 19:09		
375-22-4	<b>Perfluoro-n-butanoic acid (PFBA)</b>	<b>3.07</b>		-	ng/L	1.85	EPA 533	10/15/2025 11:59	KFH	
							Certifications: NYSDOH-NY12058,CTDPH-PH-0837,NJDE	10/18/2025 19:09		
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		-	ng/L	1.85	EPA 533	10/15/2025 11:59	KFH	
							Certifications: NYSDOH-NY12058,CTDPH-	10/18/2025 19:09		



### Sample Information

**Client Sample ID:** Well 1-3

**York Sample ID:** 25J0847-07

**York Project (SDG) No.**  
25J0847

**Client Project ID**  
PFAS/ 1,4-Dioxane October 2025

**Matrix**  
Drinking Water

**Collection Date/Time**  
October 14, 2025 8:20 am

**Date Received**  
10/14/2025

**Q P PFAS, EPA 533 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 533

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level		Units	Reported to LOQ	Reference Method	Date/Time Prep/Ana	Analyst
				MCL						
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		-		ng/L	1.85	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 19:09	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		-		ng/L	1.85	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 19:09	
2706-90-3	<b>Perfluoropentanoic acid (PFPeA)</b>	<b>7.00</b>		-		ng/L	1.85	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-PH-0837,NJDE	10/18/2025 19:09	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		-		ng/L	1.85	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 19:09	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		-		ng/L	1.85	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 19:09	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		-		ng/L	1.85	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 19:09	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND		-		ng/L	1.85	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 19:09	
	<b>Surrogate Recoveries</b>	<b>Result</b>		<b>Acceptance Range</b>						
19719-28-9	Surrogate: MPFDoA	72.5 %		50-200						
13C4PFBA	Surrogate: MPFBA	88.2 %		50-200						
13C9PFNA	Surrogate: M9PFNA	78.3 %		50-200						
M8PFOS	Surrogate: M8PFOS	94.2 %		50-200						
13C8PFOA	Surrogate: M8PFOA	80.6 %		50-200						
13C7PFUNA	Surrogate: M7PFUdA	76.8 %		50-200						
13C6PFDA	Surrogate: M6PFDA	83.5 %		50-200						
13C5PFPEA	Surrogate: M5PFPeA	78.6 %		50-200						
338-30-1	Surrogate: M5PFHxA	83.4 %		50-200						
13C4PFHPA	Surrogate: M4PFHpA	84.4 %		50-200						
13C3PFHXS	Surrogate: M3PFHxS	103 %		50-200						
M3PFBS	Surrogate: M3PFBS	113 %		50-200						
M3HFPO-DA	Surrogate: M3HFPO-DA	81.8 %		50-200						
M2-8:2FTS	Surrogate: M2-8:2 FTS	133 %		50-200						
M2-6:2FTS	Surrogate: M2-6:2 FTS	197 %		50-200						
M2-4:2FTS	Surrogate: M2-4:2 FTS	349 %	PFSu-H	50-200						

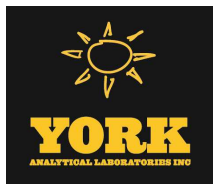
**Q P PFAS, EPA 537.1 UCMR5 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 537.1 SPE DVB

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level		Units	Reported to LOQ	Reference Method	Date/Time Prep/Ana	Analyst
				MCL						
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		-		ng/L	1.87	EPA 537.1	10/16/2025 06:57	KFH
							Certifications:	CTDPH-PH-0837,NJDEP-NY	10/17/2025 21:05	
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		-		ng/L	1.87	EPA 537.1	10/16/2025 06:57	KFH
							Certifications:	CTDPH-PH-0837,NJDEP-NY	10/17/2025 21:05	



### Sample Information

**Client Sample ID:** Well 1-3

**York Sample ID:** 25J0847-07

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

25J0847

PFAS/ 1,4-Dioxane October 2025

Drinking Water

October 14, 2025 8:20 am

10/14/2025

**Q P PFAS, EPA 537.1 UCMR5 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 537.1 SPE DVB

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level		Units	Reported to LOQ	Reference Method	Date/Time Prep/Ana	Analyst
				MCL						
2355-31-9	N-MeFOSAA	ND		-		ng/L	1.87	EPA 537.1	10/16/2025 06:57	KFH
							Certifications: CTDPH-PH-0837,NJDEP-NY		10/17/2025 21:05	
2991-50-6	N-EtFOSAA	ND		-		ng/L	1.87	EPA 537.1	10/16/2025 06:57	KFH
							Certifications: CTDPH-PH-0837,NJDEP-NY		10/17/2025 21:05	
<b>Surrogate Recoveries</b>		<b>Result</b>		<b>Acceptance Range</b>						
D5-NETFOSAA	Surrogate: d5-N-EtFOSAA	88.8 %		70-130						
MPFDA	Surrogate: MPFDA	157 %	PFSH	70-130						
307-24-4	Surrogate: MPFHxA	144 %	PFSH	70-130						
M3HFPO-DA	Surrogate: M3HFPO-DA	103 %		70-130						

### Sample Information

**Client Sample ID:** Plant 1 Field Blank

**York Sample ID:** 25J0847-08

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

25J0847

PFAS/ 1,4-Dioxane October 2025

Drinking Water

October 14, 2025 7:35 am

10/14/2025

**Q P PFAS, EPA 533 Hazard Index**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 533

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level		Units	LOQ	Reference Method	Date/Time Prep/Ana	Analyst
				MCL						
	* Hazard Index	ND		1		Unitless	0.0954	EPA 533	10/15/2025 11:59	KFH
							Certifications:		10/18/2025 19:22	

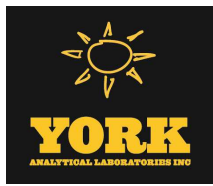
**Q P PFAS, EPA 533 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 533

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level		Units	Reported to LOQ	Reference Method	Date/Time Prep/Ana	Analyst
				MCL						
919005-14-4	ADONA	ND		-		ng/L	1.91	EPA 533	10/15/2025 11:59	KFH
							Certifications: NYSDOH-NY12058,CTDPH-		10/18/2025 19:22	
756426-58-1	9CL-PF3ONS	ND		-		ng/L	1.91	EPA 533	10/15/2025 11:59	KFH
							Certifications: NYSDOH-NY12058,CTDPH-		10/18/2025 19:22	
763051-92-9	11CL-PF3OUdS	ND		-		ng/L	1.91	EPA 533	10/15/2025 11:59	KFH
							Certifications: NYSDOH-NY12058,CTDPH-		10/18/2025 19:22	
13252-13-6	HFPO-DA (Gen-X)	ND		10		ng/L	1.91	EPA 533	10/15/2025 11:59	KFH
							Certifications: NYSDOH-NY12058,CTDPH-		10/18/2025 19:22	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		-		ng/L	1.91	EPA 533	10/15/2025 11:59	KFH
							Certifications: NYSDOH-NY12058,CTDPH-		10/18/2025 19:22	
335-76-2	Perfluorodecanoic acid (PFDA)	ND		-		ng/L	1.91	EPA 533	10/15/2025 11:59	KFH
							Certifications: NYSDOH-NY12058,CTDPH-		10/18/2025 19:22	
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		-		ng/L	1.91	EPA 533	10/15/2025 11:59	KFH
							Certifications: NYSDOH-NY12058,CTDPH-		10/18/2025 19:22	



### Sample Information

**Client Sample ID:** Plant 1 Field Blank

**York Sample ID:** 25J0847-08

**York Project (SDG) No.**  
25J0847

**Client Project ID**  
PFAS/ 1,4-Dioxane October 2025

**Matrix**  
Drinking Water

**Collection Date/Time**  
October 14, 2025 7:35 am

**Date Received**  
10/14/2025

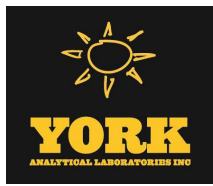
**Q P PFAS, EPA 533 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 533

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level		Units	Reported to LOQ	Reference Method	Date/Time Prep/Ana	Analyst
				MCL						
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		-		ng/L	1.91	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 19:22	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		10		ng/L	1.91	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 19:22	
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		-		ng/L	1.91	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 19:22	
375-95-1	Perfluorononanoic acid (PFNA)	ND		10		ng/L	1.91	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 19:22	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		10		ng/L	1.91	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 19:22	
335-67-1	Perfluorooctanoic acid (PFOA)	ND		10		ng/L	1.91	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 19:22	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		-		ng/L	1.91	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 19:22	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		-		ng/L	1.91	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 19:22	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		-		ng/L	1.91	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 19:22	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		-		ng/L	1.91	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 19:22	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		-		ng/L	1.91	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 19:22	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		-		ng/L	1.91	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 19:22	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		-		ng/L	1.91	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 19:22	
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		-		ng/L	1.91	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 19:22	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		-		ng/L	1.91	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 19:22	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		-		ng/L	1.91	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 19:22	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		-		ng/L	1.91	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 19:22	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		-		ng/L	1.91	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 19:22	
	<b>Surrogate Recoveries</b>	<b>Result</b>		<b>Acceptance Range</b>						
19719-28-9	Surrogate: MPFDoA	77.2 %		50-200						
13C4PFBA	Surrogate: MPFBA	94.7 %		50-200						
13C9PFNA	Surrogate: M9PFNA	82.6 %		50-200						
M8PFOS	Surrogate: M8PFOS	101 %		50-200						
13C8PFOA	Surrogate: M8PFOA	84.4 %		50-200						
13C7PFUNA	Surrogate: M7PFUdA	81.5 %		50-200						



### Sample Information

**Client Sample ID:** Plant 1 Field Blank

**York Sample ID:** 25J0847-08

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

25J0847

PFAS/ 1,4-Dioxane October 2025

Drinking Water

October 14, 2025 7:35 am

10/14/2025

**Q P PFAS, EPA 533 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 533

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level		Units	Reported to LOQ	Reference Method	Date/Time	
				MCL					Prep/Ana	Analyst
13C6PFDA	Surrogate: M6PFDA	91.1 %		50-200						
13C5PFPEA	Surrogate: M5PFPeA	96.7 %		50-200						
338-30-1	Surrogate: M5PFHxA	96.6 %		50-200						
13C4PFHPA	Surrogate: M4PFHpA	93.6 %		50-200						
13C3PFHXS	Surrogate: M3PFHxS	104 %		50-200						
M3PFBS	Surrogate: M3PFBS	123 %		50-200						
M3HFPO-DA	Surrogate: M3HFPO-DA	93.7 %		50-200						
M2-8:2FTS	Surrogate: M2-8:2 FTS	154 %		50-200						
M2-6:2FTS	Surrogate: M2-6:2 FTS	222 %	PFSu-H	50-200						
M2-4:2FTS	Surrogate: M2-4:2 FTS	295 %	PFSu-H	50-200						

**Q P PFAS, EPA 537.1 UCMR5 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 537.1 SPE DVB

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level		Units	Reported to LOQ	Reference Method	Date/Time	
				MCL					Prep/Ana	Analyst
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		-		ng/L	1.92	EPA 537.1	10/16/2025 06:57	KFH
							Certifications:	CTDPH-PH-0837,NJDEP-NY	10/17/2025 21:18	
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		-		ng/L	1.92	EPA 537.1	10/16/2025 06:57	KFH
							Certifications:	CTDPH-PH-0837,NJDEP-NY	10/17/2025 21:18	
2355-31-9	N-MeFOSAA	ND		-		ng/L	1.92	EPA 537.1	10/16/2025 06:57	KFH
							Certifications:	CTDPH-PH-0837,NJDEP-NY	10/17/2025 21:18	
2991-50-6	N-EtFOSAA	ND		-		ng/L	1.92	EPA 537.1	10/16/2025 06:57	KFH
							Certifications:	CTDPH-PH-0837,NJDEP-NY	10/17/2025 21:18	

**Surrogate Recoveries**

Parameter	Result	Flag	Acceptance Range
D5-NETFOSAA Surrogate: d5-N-EtFOSAA	77.8 %		70-130
MPFDA Surrogate: MPFDA	152 %	PFSH	70-130
307-24-4 Surrogate: MPFHxA	158 %	PFSH	70-130
M3HFPO-DA Surrogate: M3HFPO-DA	118 %		70-130

### Sample Information

**Client Sample ID:** Post Effluent Gac

**York Sample ID:** 25J0847-09

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

25J0847

PFAS/ 1,4-Dioxane October 2025

Drinking Water

October 14, 2025 8:05 am

10/14/2025

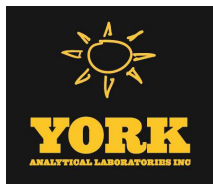
**Q P PFAS, EPA 533 Hazard Index**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 533

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level		Units	LOQ	Reference Method	Date/Time	
				MCL					Prep/Ana	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:** Post Effluent Gac

**York Sample ID:** 25J0847-09

**York Project (SDG) No.**  
25J0847

**Client Project ID**  
PFAS/ 1,4-Dioxane October 2025

**Matrix**  
Drinking Water

**Collection Date/Time**  
October 14, 2025 8:05 am

**Date Received**  
10/14/2025

**Q P PFAS, EPA 533 Hazard Index**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 533

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level			LOQ	Reference Method	Date/Time	
				MCL	Units	Units			Prep/Ana	Analyst
	* Hazard Index	ND		1	Unitless	(Certifications:)	0.0933	EPA 533	10/15/2025 11:59	KFH
									10/18/2025 19:36	

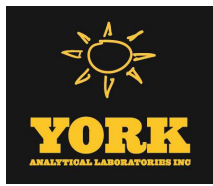
**Q P PFAS, EPA 533 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 533

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level			Reported to LOQ	Reference Method	Date/Time	
				MCL	Units	Units			Prep/Ana	Analyst
919005-14-4	ADONA	ND		-	ng/L		1.87	EPA 533	10/15/2025 11:59	KFH
									10/18/2025 19:36	
756426-58-1	9CL-PF3ONS	ND		-	ng/L		1.87	EPA 533	10/15/2025 11:59	KFH
									10/18/2025 19:36	
763051-92-9	11CL-PF3OUdS	ND		-	ng/L		1.87	EPA 533	10/15/2025 11:59	KFH
									10/18/2025 19:36	
13252-13-6	HFPO-DA (Gen-X)	ND		10	ng/L		1.87	EPA 533	10/15/2025 11:59	KFH
									10/18/2025 19:36	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		-	ng/L		1.87	EPA 533	10/15/2025 11:59	KFH
									10/18/2025 19:36	
335-76-2	Perfluorodecanoic acid (PFDA)	ND		-	ng/L		1.87	EPA 533	10/15/2025 11:59	KFH
									10/18/2025 19:36	
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		-	ng/L		1.87	EPA 533	10/15/2025 11:59	KFH
									10/18/2025 19:36	
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		-	ng/L		1.87	EPA 533	10/15/2025 11:59	KFH
									10/18/2025 19:36	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		10	ng/L		1.87	EPA 533	10/15/2025 11:59	KFH
									10/18/2025 19:36	
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		-	ng/L		1.87	EPA 533	10/15/2025 11:59	KFH
									10/18/2025 19:36	
375-95-1	Perfluorononanoic acid (PFNA)	ND		10	ng/L		1.87	EPA 533	10/15/2025 11:59	KFH
									10/18/2025 19:36	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		10	ng/L		1.87	EPA 533	10/15/2025 11:59	KFH
									10/18/2025 19:36	
335-67-1	Perfluorooctanoic acid (PFOA)	ND		10	ng/L		1.87	EPA 533	10/15/2025 11:59	KFH
									10/18/2025 19:36	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		-	ng/L		1.87	EPA 533	10/15/2025 11:59	KFH
									10/18/2025 19:36	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		-	ng/L		1.87	EPA 533	10/15/2025 11:59	KFH
									10/18/2025 19:36	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		-	ng/L		1.87	EPA 533	10/15/2025 11:59	KFH
									10/18/2025 19:36	
375-22-4	<b>Perfluoro-n-butanoic acid (PFBA)</b>	<b>5.05</b>		-	ng/L		1.87	EPA 533	10/15/2025 11:59	KFH
									10/18/2025 19:36	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		-	ng/L		1.87	EPA 533	10/15/2025 11:59	KFH
									10/18/2025 19:36	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		-	ng/L		1.87	EPA 533	10/15/2025 11:59	KFH
									10/18/2025 19:36	



### Sample Information

**Client Sample ID:** Post Effluent Gac

**York Sample ID:** 25J0847-09

**York Project (SDG) No.**  
25J0847

**Client Project ID**  
PFAS/ 1,4-Dioxane October 2025

**Matrix**  
Drinking Water

**Collection Date/Time**  
October 14, 2025 8:05 am

**Date Received**  
10/14/2025

**Q P PFAS, EPA 533 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 533

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level		Units	Reported to LOQ	Reference Method	Date/Time Prep/Ana	Analyst
				MCL						
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		-		ng/L	1.87	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 19:36	
2706-90-3	<b>Perfluoropentanoic acid (PFPeA)</b>	<b>6.97</b>		-		ng/L	1.87	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-PH-0837,NJDEP-	10/18/2025 19:36	
863090-89-5	Perfluoro-5-oxaheptanoic acid (PFMBA)	ND		-		ng/L	1.87	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 19:36	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		-		ng/L	1.87	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 19:36	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		-		ng/L	1.87	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 19:36	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		-		ng/L	1.87	EPA 533	10/15/2025 11:59	KFH
							Certifications:	NYSDOH-NY12058,CTDPH-	10/18/2025 19:36	

**Surrogate Recoveries**

**Result**

**Acceptance Range**

19719-28-9	Surrogate: MPFDoA	79.5 %		50-200
13C4PFBA	Surrogate: MPFBA	103 %		50-200
13C9PFNA	Surrogate: M9PFNA	91.1 %		50-200
M8PFOS	Surrogate: M8PFOS	112 %		50-200
13C8PFOA	Surrogate: M8PFOA	96.3 %		50-200
13C7PFUNA	Surrogate: M7PFUDa	84.4 %		50-200
13C6PFDA	Surrogate: M6PFDA	89.3 %		50-200
13C5PFPEA	Surrogate: M5PFPeA	92.1 %		50-200
338-30-1	Surrogate: M5PFHxA	105 %		50-200
13C4PFHPA	Surrogate: M4PFHpA	103 %		50-200
13C3PFHXS	Surrogate: M3PFHxS	119 %		50-200
M3PFBS	Surrogate: M3PFBS	130 %		50-200
M3HFPO-DA	Surrogate: M3HFPO-DA	85.4 %		50-200
M2-8:2FTS	Surrogate: M2-8:2 FTS	146 %		50-200
M2-6:2FTS	Surrogate: M2-6:2 FTS	216 %	PFSu-H	50-200
M2-4:2FTS	Surrogate: M2-4:2 FTS	329 %	PFSu-H	50-200

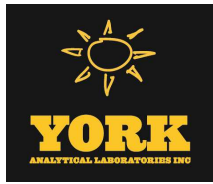
**Q P PFAS, EPA 537.1 UCMR5 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 537.1 SPE DVB

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level		Units	Reported to LOQ	Reference Method	Date/Time Prep/Ana	Analyst
				MCL						
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		-		ng/L	1.90	EPA 537.1	10/16/2025 06:57	KFH
							Certifications:	CTDPH-PH-0837,NJDEP-NY	10/17/2025 21:44	
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		-		ng/L	1.90	EPA 537.1	10/16/2025 06:57	KFH
							Certifications:	CTDPH-PH-0837,NJDEP-NY	10/17/2025 21:44	
2355-31-9	N-MeFOSAA	ND		-		ng/L	1.90	EPA 537.1	10/16/2025 06:57	KFH
							Certifications:	CTDPH-PH-0837,NJDEP-NY	10/17/2025 21:44	



### Sample Information

**Client Sample ID:** Post Effluent Gac

**York Sample ID:** 25J0847-09

York Project (SDG) No.  
25J0847

Client Project ID  
PFAS/ 1,4-Dioxane October 2025

Matrix  
Drinking Water

Collection Date/Time  
October 14, 2025 8:05 am

Date Received  
10/14/2025

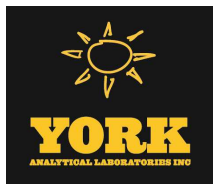
**Q P PFAS, EPA 537.1 UCMR5 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 537.1 SPE DVB

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level		Units	Reported to LOQ	Reference Method	Date/Time Prep/Ana	Analyst
				MCL						
2991-50-6	N-EtFOSAA	ND		-		ng/L	1.90	EPA 537.1	10/16/2025 06:57	KFH
							Certifications:	CTDPH-PH-0837,NJDEP-NY	10/17/2025 21:44	
<b>Surrogate Recoveries</b>		<b>Result</b>		<b>Acceptance Range</b>						
D5-NETFOSAA	Surrogate: d5-N-EtFOSAA	71.7 %		70-130						
MPFDA	Surrogate: MPFDA	136 %	PFSH	70-130						
307-24-4	Surrogate: MPFHxA	150 %	PFSH	70-130						
M3HFPO-DA	Surrogate: M3HFPO-DA	103 %		70-130						



## Analytical Batch Summary

**Batch ID:** BJ50918      **Preparation Method** EPA 533      **Prepared By:** NJO

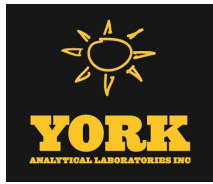
YORK Sample ID	Client Sample ID	Preparation Date
25J0847-01	Well 5-1	10/15/25
25J0847-02	Plant 5 Field Blank	10/15/25
25J0847-03	Blended Entry Point 3 Field	10/15/25
25J0847-04	Post Iron Effluent 4 Field	10/15/25
25J0847-05	Well 1-2	10/15/25
25J0847-06	Well 1-1	10/15/25
25J0847-07	Well 1-3	10/15/25
25J0847-08	Plant 1 Field Blank	10/15/25
25J0847-09	Post Effluent Gac	10/15/25
BJ50918-BLK1	Blank	10/15/25
BJ50918-BS1	LCS	10/15/25

**Batch ID:** BJ51006      **Preparation Method** EPA 537.1 SPE DVB      **Prepared By:** NJO

YORK Sample ID	Client Sample ID	Preparation Date
25J0847-01	Well 5-1	10/16/25
25J0847-02	Plant 5 Field Blank	10/16/25
25J0847-03	Blended Entry Point 3 Field	10/16/25
25J0847-04	Post Iron Effluent 4 Field	10/16/25
25J0847-05	Well 1-2	10/16/25
25J0847-06	Well 1-1	10/16/25
25J0847-07	Well 1-3	10/16/25
25J0847-08	Plant 1 Field Blank	10/16/25
25J0847-09	Post Effluent Gac	10/16/25
BJ51006-BLK1	Blank	10/16/25
BJ51006-BS1	LCS	10/16/25
BJ51006-DUP1	Duplicate	10/16/25

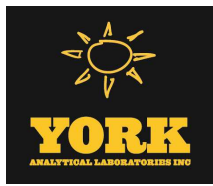
**Batch ID:** BJ51346      **Preparation Method** EPA 522      **Prepared By:** NMB2

YORK Sample ID	Client Sample ID	Preparation Date
25J0847-05	Well 1-2	10/21/25
BJ51346-BLK1	Blank	10/21/25
BJ51346-BS1	LCS	10/21/25
BJ51346-BS2	LCS	10/21/25



**Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data**  
**York Analytical Laboratories, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
<b>Batch BJ51346 - EPA 522</b>											
<b>Blank (BJ51346-BLK1)</b>											
Prepared: 10/21/2025 Analyzed: 10/23/2025											
1,4-Dioxane	ND	0.200	ug/L								
<i>Surrogate: 1,4-Dioxane-d8</i>	2.90		"	2.50		116	70-130				
<b>LCS (BJ51346-BS1)</b>											
Prepared: 10/21/2025 Analyzed: 10/23/2025											
1,4-Dioxane	5.12	0.200	ug/L	5.00		102	70-130				
<i>Surrogate: 1,4-Dioxane-d8</i>	2.10		"	2.50		84.0	70-130				
<b>LCS (BJ51346-BS2)</b>											
Prepared: 10/21/2025 Analyzed: 10/23/2025											
1,4-Dioxane	12.0	0.200	ug/L	10.0		120	70-130				
<i>Surrogate: 1,4-Dioxane-d8</i>	2.30		"	2.50		92.0	70-130				



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

York Analytical Laboratories, Inc.

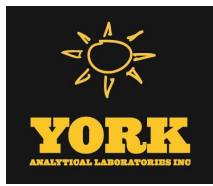
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BJ50918 - EPA 533

Blank (BJ50918-BLK1)

Prepared: 10/15/2025 Analyzed: 10/18/2025

ADONA	ND	2.00	ng/L								
Hazard Index	ND	0.100	Unitless (HI)								
9CL-PF3ONS	ND	2.00	ng/L								
11CL-PF3OUdS	ND	2.00	"								
HFPO-DA (Gen-X)	ND	2.00	"								
Perfluorobutanesulfonic acid (PFBS)	ND	2.00	"								
Perfluorodecanoic acid (PFDA)	ND	2.00	"								
Perfluorododecanoic acid (PFDoA)	ND	2.00	"								
Perfluoroheptanoic acid (PFHpA)	ND	2.00	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	2.00	"								
Perfluorohexanoic acid (PFHxA)	ND	2.00	"								
Perfluorononanoic acid (PFNA)	ND	2.00	"								
Perfluorooctanesulfonic acid (PFOS)	ND	2.00	"								
Perfluorooctanoic acid (PFOA)	ND	2.00	"								
Perfluoroundecanoic acid (PFUnA)	ND	2.00	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	2.00	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	2.00	"								
Perfluoro-n-butanoic acid (PFBA)	ND	2.00	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	2.00	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	2.00	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	2.00	"								
Perfluoropentanoic acid (PFPeA)	ND	2.00	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	2.00	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	2.00	"								
Perfluoro-3,6-dioxahexanoic acid (NFDHA)	ND	2.00	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	2.00	"								
Surrogate: MPFDoA	13.7		"	20.0		68.7	50-200				
Surrogate: MPFBA	18.9		"	20.0		94.4	50-200				
Surrogate: M9PFNA	17.4		"	20.0		86.9	50-200				
Surrogate: M8PFOS	18.9		"	19.2		98.8	50-200				
Surrogate: M8PFOA	17.2		"	20.0		85.8	50-200				
Surrogate: M7PFUDa	14.9		"	20.0		74.7	50-200				
Surrogate: M6PFDA	16.1		"	20.0		80.7	50-200				
Surrogate: M5PFPeA	20.6		"	20.0		103	50-200				
Surrogate: M5PFHxA	22.0		"	20.0		110	50-200				
Surrogate: M4PFHpA	19.0		"	20.0		94.9	50-200				
Surrogate: M3PFHxS	18.3		"	19.0		96.3	50-200				
Surrogate: M3PFBS	22.0		"	18.6		118	50-200				
Surrogate: M3HFPO-DA	23.0		"	20.0		115	50-200				
Surrogate: M2-8:2 FTS	83.9		"	76.8		109	50-200				
Surrogate: M2-6:2 FTS	118		"	76.0		156	50-200				
Surrogate: M2-4:2 FTS	203		"	75.2		270	50-200				



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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BJ50918 - EPA 533

LCS (BJ50918-BS1)

Prepared: 10/15/2025 Analyzed: 10/18/2025

ADONA	21.0	2.00	ng/L	18.9		111	70-130				
9CL-PF3ONS	21.9	2.00	"	18.7		117	70-130				
11CL-PF3OUdS	18.9	2.00	"	18.9		100	70-130				
HFPO-DA (Gen-X)	16.5	2.00	"	20.0		82.4	70-130				
Perfluorobutanesulfonic acid (PFBS)	19.0	2.00	"	17.8		107	70-130				
Perfluorodecanoic acid (PFDA)	24.2	2.00	"	20.0		121	70-130				
Perfluorododecanoic acid (PFDoA)	21.8	2.00	"	20.0		109	70-130				
Perfluoroheptanoic acid (PFHpA)	24.7	2.00	"	20.0		124	70-130				
Perfluorohexanesulfonic acid (PFHxS)	17.0	2.00	"	18.2		93.1	70-130				
Perfluorohexanoic acid (PFHxA)	19.9	2.00	"	20.0		99.5	70-130				
Perfluorononanoic acid (PFNA)	25.7	2.00	"	20.0		128	70-130				
Perfluorooctanesulfonic acid (PFOS)	19.8	2.00	"	18.6		107	70-130				
Perfluorooctanoic acid (PFOA)	26.7	2.00	"	20.0		134	70-130	High Bias			
Perfluoroundecanoic acid (PFUnA)	23.0	2.00	"	20.0		115	70-130				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	16.8	2.00	"	18.8		89.7	70-130				
Perfluoro-1-pentanesulfonate (PFPeS)	17.0	2.00	"	18.8		90.2	70-130				
Perfluoro-n-butanoic acid (PFBA)	21.7	2.00	"	20.0		109	70-130				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	19.0	2.00	"	19.2		98.9	70-130				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	18.0	2.00	"	19.0		94.5	70-130				
Perfluoro-1-heptanesulfonic acid (PFHpS)	17.6	2.00	"	19.1		92.2	70-130				
Perfluoropentanoic acid (PFPeA)	20.1	2.00	"	20.0		100	70-130				
Perfluoro-5-oxahexanoic acid (PFMBA)	21.0	2.00	"	20.0		105	70-130				
Perfluoro-4-oxapentanoic acid (PFMPA)	19.0	2.00	"	20.0		95.1	70-130				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	21.3	2.00	"	20.0		106	70-130				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	17.5	2.00	"	17.8		98.3	70-130				
Surrogate: MPFDoA	15.2		"	20.0		76.0	50-200				
Surrogate: MPFBA	19.7		"	20.0		98.7	50-200				
Surrogate: M9PFNA	16.9		"	20.0		84.5	50-200				
Surrogate: M8PFOS	18.9		"	19.2		98.5	50-200				
Surrogate: M8PFOA	18.5		"	20.0		92.5	50-200				
Surrogate: M7PFUdA	15.4		"	20.0		76.8	50-200				
Surrogate: M6PFDA	15.9		"	20.0		79.5	50-200				
Surrogate: M5PFPeA	22.2		"	20.0		111	50-200				
Surrogate: M5PFHxA	22.6		"	20.0		113	50-200				
Surrogate: M4PFHpA	19.3		"	20.0		96.6	50-200				
Surrogate: M3PFHxS	20.6		"	19.0		109	50-200				
Surrogate: M3PFBS	22.4		"	18.6		120	50-200				
Surrogate: M3HFPO-DA	20.9		"	20.0		104	50-200				
Surrogate: M2-8:2 FTS	89.0		"	76.8		116	50-200				
Surrogate: M2-6:2 FTS	143		"	76.0		188	50-200				
Surrogate: M2-4:2 FTS	225		"	75.2		299	50-200				



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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BJ51006 - EPA 537.1 SPE DVB

Blank (BJ51006-BLK1)

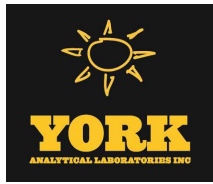
Prepared: 10/16/2025 Analyzed: 10/17/2025

Perfluorobutanesulfonic acid (PFBS)	ND	2.00	ng/L								
Perfluorohexanoic acid (PFHxA)	ND	2.00	"								
Perfluoroheptanoic acid (PFHpA)	ND	2.00	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	2.00	"								
Perfluorooctanoic acid (PFOA)	ND	2.00	"								
Perfluorooctanesulfonic acid (PFOS)	ND	2.00	"								
Perfluorononanoic acid (PFNA)	ND	2.00	"								
Perfluorodecanoic acid (PFDA)	ND	2.00	"								
Perfluoroundecanoic acid (PFUnA)	ND	2.00	"								
Perfluorododecanoic acid (PFDoA)	ND	2.00	"								
Perfluorotridecanoic acid (PFTTrDA)	ND	2.00	"								
Perfluorotetradecanoic acid (PFTA)	ND	2.00	"								
N-MeFOSAA	ND	2.00	"								
N-EtFOSAA	ND	2.00	"								
9CL-PF3ONS	ND	2.00	"								
11CL-PF3OUds	ND	2.00	"								
HFPO-DA (Gen-X)	ND	2.00	"								
ADONA	ND	2.00	"								
Surrogate: d5-N-EtFOSAA	132		"	160		82.4	70-130				
Surrogate: MPFDA	35.3		"	40.0		88.2	70-130				
Surrogate: MPFHxA	39.9		"	40.0		99.8	70-130				
Surrogate: M3HFPO-DA	27.4		"	40.0		68.5	70-130				

LCS (BJ51006-BS1)

Prepared: 10/16/2025 Analyzed: 10/17/2025

Perfluorobutanesulfonic acid (PFBS)	26.1	2.00	ng/L	35.4		73.8	70-130				
Perfluorohexanoic acid (PFHxA)	33.0	2.00	"	40.0		82.4	70-130				
Perfluoroheptanoic acid (PFHpA)	39.5	2.00	"	40.0		98.7	70-130				
Perfluorohexanesulfonic acid (PFHxS)	30.3	2.00	"	38.0		79.7	70-130				
Perfluorooctanoic acid (PFOA)	36.4	2.00	"	40.0		90.9	70-130				
Perfluorooctanesulfonic acid (PFOS)	28.8	2.00	"	38.4		75.1	70-130				
Perfluorononanoic acid (PFNA)	37.7	2.00	"	40.0		94.1	70-130				
Perfluorodecanoic acid (PFDA)	34.9	2.00	"	40.0		87.2	70-130				
Perfluoroundecanoic acid (PFUnA)	33.7	2.00	"	40.0		84.3	70-130				
Perfluorododecanoic acid (PFDoA)	32.5	2.00	"	40.0		81.3	70-130				
Perfluorotridecanoic acid (PFTTrDA)	34.4	2.00	"	40.0		86.1	70-130				
Perfluorotetradecanoic acid (PFTA)	31.4	2.00	"	40.0		78.5	70-130				
N-MeFOSAA	32.1	2.00	"	40.0		80.1	70-130				
N-EtFOSAA	32.5	2.00	"	40.0		81.2	70-130				
9CL-PF3ONS	29.1	2.00	"	37.4		77.9	70-130				
11CL-PF3OUds	25.1	2.00	"	37.8		66.4	70-130	Low Bias			
HFPO-DA (Gen-X)	26.8	2.00	"	40.0		67.0	70-130	Low Bias			
ADONA	37.5	2.00	"	37.8		99.1	70-130				
Surrogate: d5-N-EtFOSAA	126		"	160		78.7	70-130				
Surrogate: MPFDA	33.9		"	40.0		84.7	70-130				
Surrogate: MPFHxA	37.0		"	40.0		92.6	70-130				
Surrogate: M3HFPO-DA	25.1		"	40.0		62.9	70-130				



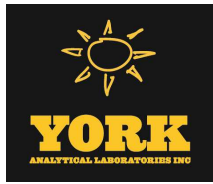
PFAS Target compounds by LC/MS-MS - Quality Control Data

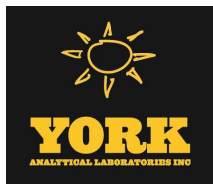
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BJ51006 - EPA 537.1 SPE DVB

Duplicate (BJ51006-DUP1)	*Source sample: 25J0847-01 (Well 5-1)						Prepared: 10/16/2025 Analyzed: 10/17/2025					
Perfluorobutanesulfonic acid (PFBS)	ND	2.00	ng/L		ND						25	
Perfluorohexanoic acid (PFHxA)	1.80	2.00	"		1.52				17.1		25	
Perfluoroheptanoic acid (PFHpA)	ND	2.00	"		ND						25	
Perfluorohexanesulfonic acid (PFHxS)	ND	2.00	"		ND						25	
Perfluorooctanoic acid (PFOA)	1.32	2.00	"		ND						25	
Perfluorooctanesulfonic acid (PFOS)	1.50	2.00	"		1.38				8.05		25	
Perfluorononanoic acid (PFNA)	ND	2.00	"		ND						25	
Perfluorodecanoic acid (PFDA)	ND	2.00	"		ND						25	
Perfluoroundecanoic acid (PFUnA)	ND	2.00	"		ND						25	
Perfluorododecanoic acid (PFDoA)	ND	2.00	"		ND						25	
Perfluorotridecanoic acid (PFTTrDA)	ND	2.00	"		ND						25	
Perfluorotetradecanoic acid (PFTA)	ND	2.00	"		ND						25	
N-MeFOSAA	ND	2.00	"		ND						25	
N-EtFOSAA	ND	2.00	"		ND						25	
9CL-PF3ONS	ND	2.00	"		ND						25	
11CL-PF3OUds	ND	2.00	"		ND						25	
HFPO-DA (Gen-X)	ND	2.00	"		ND						25	
ADONA	ND	2.00	"		ND						25	
Surrogate: d5-N-EtFOSAA	117		"	160		73.0	70-130					
Surrogate: MPFDA	45.7		"	40.0		114	70-130					
Surrogate: MPFHxA	46.2		"	40.0		115	70-130					
Surrogate: M3HFPO-DA	32.5		"	40.0		81.2	70-130					





## Sample and Data Qualifiers Relating to This Work Order

PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.
PFSL	The recovery for this PFAS surrogate was below control limits
PFSH	The recovery for this PFAS surrogate was above control limits
PFL	The recovery for this PFAS compound was below control limits
PF-LCS-H	The LCS recovery for this PFAS compound was above control limits.

### Definitions and Other Explanations

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



