

# Technical Report

for

# Emerging Contaminants

prepared for:

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

Report Date: 04/05/2023  
**Client Project ID: PFAS & 1,4 Dioxane 3/21/23**  
York Project (SDG) No.: 23C1254

Revision No. 1.0

CT Cert. No. PH-0723

New Jersey Cert. No. CT005 and NY037



New York Cert. Nos. 10854 and 12058

PA Cert. No. 68-04440

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

**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 March 22, 2023 and listed below. The project was identified as your project: **PFAS & 1,4 Dioxane 3/21/23**.

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>
23C1254-01	Well 1-1 Ran to Waste	Drinking Water	03/21/2023	03/22/2023
23C1254-02	Well 1-1 Field Blank Ran to Waste	Drinking Water	03/21/2023	03/22/2023
23C1254-03	Well 1-2 Ran to Waste	Drinking Water	03/21/2023	03/22/2023
23C1254-04	Well 1-2 Field Blank Ran to Waste	Drinking Water	03/21/2023	03/22/2023
23C1254-05	Well 1-3 Ran to Waste	Drinking Water	03/21/2023	03/22/2023
23C1254-06	Well 1-3 Field Blank Ran to Waste	Drinking Water	03/21/2023	03/22/2023
23C1254-07	GAC Blended Effluent Ran to Waste	Drinking Water	03/21/2023	03/22/2023
23C1254-08	GAC Blended Effluent Field Blank Ran to Waste	Drinking Water	03/21/2023	03/22/2023
23C1254-09	Well 2-1 Ran to Waste	Drinking Water	03/21/2023	03/22/2023
23C1254-10	Well 2-1 Field Blank Ran to Waste	Drinking Water	03/21/2023	03/22/2023
23C1254-11	Well 2-2	Drinking Water	03/21/2023	03/22/2023
23C1254-12	Well 2-2 Field Blank	Drinking Water	03/21/2023	03/22/2023
23C1254-13	Well 3-1	Drinking Water	03/21/2023	03/22/2023
23C1254-14	Well 3-1 Field Blank	Drinking Water	03/21/2023	03/22/2023
23C1254-15	Well 3-2	Drinking Water	03/21/2023	03/22/2023
23C1254-16	Well 3-2 Field Blank	Drinking Water	03/21/2023	03/22/2023
23C1254-17	Well 3-3	Drinking Water	03/21/2023	03/22/2023
23C1254-18	Well 3-3 Field Blank	Drinking Water	03/21/2023	03/22/2023
23C1254-19	Well 5-1	Drinking Water	03/21/2023	03/22/2023
23C1254-20	Well 5-1 Field Blank	Drinking Water	03/21/2023	03/22/2023
23C1254-21	Well 4-1	Drinking Water	03/21/2023	03/22/2023
23C1254-22	Well 4-1 Field Blank	Drinking Water	03/21/2023	03/22/2023

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
23C1254-23	Well 4-2	Drinking Water	03/21/2023	03/22/2023
23C1254-24	Well 4-2 Field Blank	Drinking Water	03/21/2023	03/22/2023

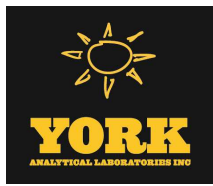
**General Notes for York Project (SDG) No.: 23C1254**

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; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

**Approved By:**   
 Cassie L. Mosher  
 Laboratory Manager

**Date:** 04/05/2023





### Sample Information

**Client Sample ID:** Well 1-1 Ran to Waste

**York Sample ID:** 23C1254-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C1254	PFAS & 1,4 Dioxane 3/21/23	Drinking Water	March 21, 2023 7:30 am	03/22/2023

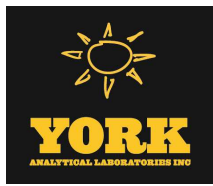
**PFAS, EPA 533 Target List**

**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/Anal	Analyst
				MCL						
919005-14-4	ADONA	ND	-	-	-	ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
								Certifications: NELAC-NY12058	03/30/2023 02:42	
756426-58-1	9CL-PF3ONS	ND	-	-	-	ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
								Certifications: NELAC-NY12058	03/30/2023 02:42	
763051-92-9	11CL-PF3OUdS	ND	-	-	-	ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
								Certifications: NELAC-NY12058	03/30/2023 02:42	
13252-13-6	HFPO-DA (Gen-X)	ND	-	-	-	ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
								Certifications: NELAC-NY12058	03/30/2023 02:42	
375-73-5	<b>Perfluorobutanesulfonic acid (PFBS)</b>	<b>1.14</b>	-	-	-	ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
								Certifications: NELAC-NY12058	03/30/2023 02:42	
335-76-2	Perfluorodecanoic acid (PFDA)	ND	-	10	-	ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
								Certifications: NELAC-NY12058	03/30/2023 02:42	
307-55-1	Perfluorododecanoic acid (PFDoA)	ND	-	-	-	ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
								Certifications: NELAC-NY12058	03/30/2023 02:42	
375-85-9	<b>Perfluoroheptanoic acid (PFHpA)</b>	<b>1.20</b>	-	10	-	ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
								Certifications: NELAC-NY12058	03/30/2023 02:42	
355-46-4	<b>Perfluorohexanesulfonic acid (PFHxS)</b>	<b>2.64</b>	-	10	-	ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
								Certifications: NELAC-NY12058	03/30/2023 02:42	
307-24-4	<b>Perfluorohexanoic acid (PFHxA)</b>	<b>4.63</b>	-	-	-	ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
								Certifications: NELAC-NY12058	03/30/2023 02:42	
375-95-1	Perfluorononanoic acid (PFNA)	ND	-	10	-	ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
								Certifications: NELAC-NY12058	03/30/2023 02:42	
1763-23-1	<b>Perfluorooctanesulfonic acid (PFOS)</b>	<b>9.48</b>	-	10	-	ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
								Certifications: NELAC-NY12058	03/30/2023 02:42	
335-67-1	<b>Perfluorooctanoic acid (PFOA)</b>	<b>6.25</b>	-	10	-	ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
								Certifications: NELAC-NY12058	03/30/2023 02:42	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND	-	-	-	ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
								Certifications: NELAC-NY12058	03/30/2023 02:42	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	-	-	-	ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
								Certifications: NELAC-NY12058	03/30/2023 02:42	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND	-	-	-	ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
								Certifications: NELAC-NY12058	03/30/2023 02:42	
375-22-4	<b>Perfluoro-n-butanoic acid (PFBA)</b>	<b>3.94</b>	-	-	-	ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
								Certifications: NELAC-NY12058	03/30/2023 02:42	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	-	-	-	ng/L	1.85	EPA 533	03/24/2023 12:15	ESJ
								Certifications: NELAC-NY12058	03/30/2023 02:42	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	-	-	-	ng/L	1.85	EPA 533	03/24/2023 12:15	ESJ
								Certifications: NELAC-NY12058	03/30/2023 02:42	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	-	-	-	ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
								Certifications: NELAC-NY12058	03/30/2023 02:42	



### Sample Information

**Client Sample ID:** Well 1-1 Ran to Waste

**York Sample ID:** 23C1254-01

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

23C1254

PFAS & 1,4 Dioxane 3/21/23

Drinking Water

March 21, 2023 7:30 am

03/22/2023

**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/Anal	Analyst
				MCL						
2706-90-3	Perfluoropentanoic acid (PFPeA)	6.63		-		ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 02:42	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		-		ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 02:42	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		-		ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 02:42	
151772-58-6	Perfluoro-3,6-dioxahexanoic acid (NFDHA)	ND		-		ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 02:42	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		-		ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 02:42	

**Surrogate Recoveries**

**Result**

**Acceptance Range**

Surrogate: MPFDoA	75.0 %	50-200
Surrogate: MPFBA	79.7 %	50-200
Surrogate: M9PFNA	87.8 %	50-200
Surrogate: M8PFOS	74.7 %	50-200
Surrogate: M8PFOA	76.5 %	50-200
Surrogate: M7PFUdA	80.5 %	50-200
Surrogate: M6PFDA	88.1 %	50-200
Surrogate: M5PFPeA	77.7 %	50-200
Surrogate: M5PFHxA	68.9 %	50-200
Surrogate: M4PFHpA	82.4 %	50-200
Surrogate: M3PFHxS	66.3 %	50-200
Surrogate: M3PFBS	69.2 %	50-200
Surrogate: M3HFPO-DA	79.2 %	50-200
Surrogate: M2-8:2 FTS	129 %	50-200
Surrogate: M2-6:2 FTS	120 %	50-200
Surrogate: M2-4:2 FTS	99.9 %	50-200

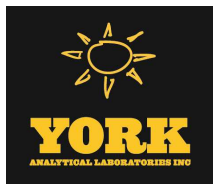
**PFAS, EPA 537.1 UCMR5 List**

**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/Anal	Analyst
				MCL						
72629-94-8	Perfluorotridecanoic acid (PFTTrDA)	ND		-		ng/L	0.893	EPA 537.1	03/23/2023 13:46	ESJ
							Certifications:	NELAC-NY12058	03/28/2023 01:53	
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		-		ng/L	0.893	EPA 537.1	03/23/2023 13:46	ESJ
							Certifications:	NELAC-NY12058	03/28/2023 01:53	
2355-31-9	N-MeFOSAA	ND		-		ng/L	0.893	EPA 537.1	03/23/2023 13:46	ESJ
							Certifications:	NELAC-NY12058	03/28/2023 01:53	
2991-50-6	N-EtFOSAA	ND		-		ng/L	0.893	EPA 537.1	03/23/2023 13:46	ESJ
							Certifications:	NELAC-NY12058	03/28/2023 01:53	



### Sample Information

**Client Sample ID:** Well 1-1 Ran to Waste **York Sample ID:** 23C1254-01  
**York Project (SDG) No.:** 23C1254 **Client Project ID:** PFAS & 1,4 Dioxane 3/21/23 **Matrix:** Drinking Water **Collection Date/Time:** March 21, 2023 7:30 am **Date Received:** 03/22/2023

**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/Anal	Analyst
				MCL	Acceptance Range					
	<b>Surrogate Recoveries</b>	<b>Result</b>		<b>Acceptance Range</b>						
	Surrogate: d5-N-EtFOSAA	74.0 %		70-130						
	Surrogate: MPFDA	81.1 %		70-130						
	Surrogate: MPFHxA	70.9 %		70-130						
	Surrogate: M3HFPO-DA	66.9 %	PFSL	70-130						

### Sample Information

**Client Sample ID:** Well 1-1 Field Blank Ran to Waste **York Sample ID:** 23C1254-02  
**York Project (SDG) No.:** 23C1254 **Client Project ID:** PFAS & 1,4 Dioxane 3/21/23 **Matrix:** Drinking Water **Collection Date/Time:** March 21, 2023 7:30 am **Date Received:** 03/22/2023

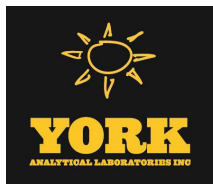
**PFAS, EPA 533 Target List**

**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/Anal	Analyst
				MCL	Acceptance Range					
919005-14-4	ADONA	ND		-		ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
								Certifications: NELAC-NY12058	03/30/2023 03:21	
756426-58-1	9CL-PF3ONS	ND		-		ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
								Certifications: NELAC-NY12058	03/30/2023 03:21	
763051-92-9	11CL-PF3OUdS	ND		-		ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
								Certifications: NELAC-NY12058	03/30/2023 03:21	
13252-13-6	HFPO-DA (Gen-X)	ND		-		ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
								Certifications: NELAC-NY12058	03/30/2023 03:21	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		-		ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
								Certifications: NELAC-NY12058	03/30/2023 03:21	
335-76-2	Perfluorodecanoic acid (PFDA)	ND		10		ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
								Certifications: NELAC-NY12058	03/30/2023 03:21	
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		-		ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
								Certifications: NELAC-NY12058	03/30/2023 03:21	
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		10		ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
								Certifications: NELAC-NY12058	03/30/2023 03:21	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		10		ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
								Certifications: NELAC-NY12058	03/30/2023 03:21	
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		-		ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
								Certifications: NELAC-NY12058	03/30/2023 03:21	
375-95-1	Perfluorononanoic acid (PFNA)	ND		10		ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
								Certifications: NELAC-NY12058	03/30/2023 03:21	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		10		ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
								Certifications: NELAC-NY12058	03/30/2023 03:21	



### Sample Information

**Client Sample ID:** Well 1-1 Field Blank Ran to Waste

**York Sample ID:** 23C1254-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23C1254

PFAS & 1,4 Dioxane 3/21/23

Drinking Water

March 21, 2023 7:30 am

03/22/2023

**PFAS, EPA 533 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 533

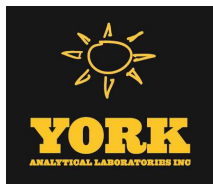
CAS No.	Parameter	Result	Flag	Maximum Contaminant Level		Units	Reported to LOQ	Reference Method	Date/Time Prep/Anal	Analyst
				MCL						
335-67-1	Perfluorooctanoic acid (PFOA)	ND		10		ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
								Certifications: NELAC-NY12058	03/30/2023 03:21	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		-		ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
								Certifications: NELAC-NY12058	03/30/2023 03:21	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		-		ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
								Certifications: NELAC-NY12058	03/30/2023 03:21	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		-		ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
								Certifications: NELAC-NY12058	03/30/2023 03:21	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		-		ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
								Certifications: NELAC-NY12058	03/30/2023 03:21	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		-		ng/L	1.85	EPA 533	03/24/2023 12:15	ESJ
								Certifications: NELAC-NY12058	03/30/2023 03:21	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		-		ng/L	1.85	EPA 533	03/24/2023 12:15	ESJ
								Certifications: NELAC-NY12058	03/30/2023 03:21	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		-		ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
								Certifications: NELAC-NY12058	03/30/2023 03:21	
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		-		ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
								Certifications: NELAC-NY12058	03/30/2023 03:21	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		-		ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
								Certifications: NELAC-NY12058	03/30/2023 03:21	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		-		ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
								Certifications: NELAC-NY12058	03/30/2023 03:21	
151772-58-6	Perfluoro-3,6-dioxahexanoic acid (NFDHA)	ND		-		ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
								Certifications: NELAC-NY12058	03/30/2023 03:21	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		-		ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
								Certifications: NELAC-NY12058	03/30/2023 03:21	

**Surrogate Recoveries**

**Result**

**Acceptance Range**

Surrogate: MPFDoA	88.6 %	50-200
Surrogate: MPFBA	90.6 %	50-200
Surrogate: M9PFNA	98.2 %	50-200
Surrogate: M8PFOS	88.3 %	50-200
Surrogate: M8PFOA	90.6 %	50-200
Surrogate: M7PFUdA	92.5 %	50-200
Surrogate: M6PFDA	93.3 %	50-200
Surrogate: M5PFPeA	92.3 %	50-200
Surrogate: M5PFHxA	78.3 %	50-200
Surrogate: M4PFHpA	93.4 %	50-200
Surrogate: M3PFHxS	88.4 %	50-200
Surrogate: M3PFBS	81.3 %	50-200
Surrogate: M3HFPO-DA	68.4 %	50-200
Surrogate: M2-8:2 FTS	122 %	50-200



### Sample Information

**Client Sample ID:** Well 1-1 Field Blank Ran to Waste

**York Sample ID:** 23C1254-02

<u>York Project (SDG) No.</u> 23C1254	<u>Client Project ID</u> PFAS & 1,4 Dioxane 3/21/23	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> March 21, 2023 7:30 am	<u>Date Received</u> 03/22/2023
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**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/Anal	Analyst
				MCL						
	Surrogate: M2-6:2 FTS	126 %		50-200						
	Surrogate: M2-4:2 FTS	101 %		50-200						

**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/Anal	Analyst
				MCL						
72629-94-8	Perfluorotridecanoic acid (PFTTrDA)	ND		-		ng/L	0.893	EPA 537.1	03/23/2023 13:46	ESJ
							Certifications: NELAC-NY12058		03/28/2023 02:07	
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		-		ng/L	0.893	EPA 537.1	03/23/2023 13:46	ESJ
							Certifications: NELAC-NY12058		03/28/2023 02:07	
2355-31-9	N-MeFOSAA	ND		-		ng/L	0.893	EPA 537.1	03/23/2023 13:46	ESJ
							Certifications: NELAC-NY12058		03/28/2023 02:07	
2991-50-6	N-EtFOSAA	ND		-		ng/L	0.893	EPA 537.1	03/23/2023 13:46	ESJ
							Certifications: NELAC-NY12058		03/28/2023 02:07	
	<b>Surrogate Recoveries</b>	<b>Result</b>		<b>Acceptance Range</b>						
	Surrogate: d5-N-EtFOSAA	97.7 %		70-130						
	Surrogate: MPFDA	96.5 %		70-130						
	Surrogate: MPFHxA	81.4 %		70-130						
	Surrogate: M3HFPO-DA	77.9 %		70-130						

### Sample Information

**Client Sample ID:** Well 1-2 Ran to Waste

**York Sample ID:** 23C1254-03

<u>York Project (SDG) No.</u> 23C1254	<u>Client Project ID</u> PFAS & 1,4 Dioxane 3/21/23	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> March 21, 2023 7:45 am	<u>Date Received</u> 03/22/2023
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**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/Anal	Analyst
				MCL						
919005-14-4	ADONA	ND		-		ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
							Certifications: NELAC-NY12058		03/30/2023 03:34	
756426-58-1	9CL-PF3ONS	ND		-		ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
							Certifications: NELAC-NY12058		03/30/2023 03:34	
763051-92-9	11CL-PF3OUdS	ND		-		ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
							Certifications: NELAC-NY12058		03/30/2023 03:34	
13252-13-6	HFPO-DA (Gen-X)	ND		-		ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
							Certifications: NELAC-NY12058		03/30/2023 03:34	



### Sample Information

**Client Sample ID:** Well 1-2 Ran to Waste

**York Sample ID:** 23C1254-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23C1254

PFAS & 1,4 Dioxane 3/21/23

Drinking Water

March 21, 2023 7:45 am

03/22/2023

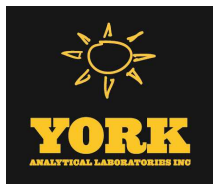
**PFAS, EPA 533 Target List**

**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/Anal	Analyst
				MCL						
375-73-5	Perfluorobutanesulfonic acid (PFBS)	2.63		-		ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 03:34	
335-76-2	Perfluorodecanoic acid (PFDA)	ND		10		ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 03:34	
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		-		ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 03:34	
375-85-9	Perfluoroheptanoic acid (PFHpA)	5.17		10		ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 03:34	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	6.29		10		ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 03:34	
307-24-4	Perfluorohexanoic acid (PFHxA)	10.4		-		ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 03:34	
375-95-1	Perfluorononanoic acid (PFNA)	2.88		10		ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 03:34	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	17.3		10		ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 03:34	
335-67-1	Perfluorooctanoic acid (PFOA)	9.06		10		ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 03:34	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		-		ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 03:34	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		-		ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 03:34	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		-		ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 03:34	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	4.51		-		ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 03:34	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		-		ng/L	1.85	EPA 533	03/24/2023 12:15	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 03:34	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		-		ng/L	1.85	EPA 533	03/24/2023 12:15	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 03:34	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		-		ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 03:34	
2706-90-3	Perfluoropentanoic acid (PFPeA)	9.50		-		ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 03:34	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		-		ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 03:34	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		-		ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 03:34	
151772-58-6	Perfluoro-3,6-dioxahexanoic acid (NFDHA)	ND		-		ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 03:34	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND		-		ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 03:34	



### Sample Information

**Client Sample ID:** Well 1-2 Ran to Waste **York Sample ID:** 23C1254-03  
**York Project (SDG) No.:** 23C1254 **Client Project ID:** PFAS & 1,4 Dioxane 3/21/23 **Matrix:** Drinking Water **Collection Date/Time:** March 21, 2023 7:45 am **Date Received:** 03/22/2023

**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/Anal	Analyst
				MCL	Acceptance Range					
<b>Surrogate Recoveries</b>		<b>Result</b>		<b>Acceptance Range</b>						
	Surrogate: MPFDoA	93.1 %		50-200						
	Surrogate: MPFBA	97.5 %		50-200						
	Surrogate: M9PFNA	105 %		50-200						
	Surrogate: M8PFOS	92.2 %		50-200						
	Surrogate: M8PFOA	94.8 %		50-200						
	Surrogate: M7PFUdA	95.8 %		50-200						
	Surrogate: M6PFDA	101 %		50-200						
	Surrogate: M5PFPeA	94.8 %		50-200						
	Surrogate: M5PFHxA	83.9 %		50-200						
	Surrogate: M4PFHpA	98.5 %		50-200						
	Surrogate: M3PFHxS	82.4 %		50-200						
	Surrogate: M3PFBS	80.8 %		50-200						
	Surrogate: M3HFPO-DA	87.2 %		50-200						
	Surrogate: M2-8:2 FTS	127 %		50-200						
	Surrogate: M2-6:2 FTS	130 %		50-200						
	Surrogate: M2-4:2 FTS	131 %		50-200						

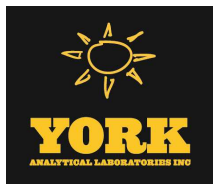
**PFAS, EPA 537.1 UCMR5 List**

**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/Anal	Analyst
				MCL	Acceptance Range					
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		-		ng/L	0.893	EPA 537.1	03/23/2023 13:46	ESJ
							Certifications:	NELAC-NY12058	03/28/2023 02:20	
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		-		ng/L	0.893	EPA 537.1	03/23/2023 13:46	ESJ
							Certifications:	NELAC-NY12058	03/28/2023 02:20	
2355-31-9	N-MeFOSAA	ND		-		ng/L	0.893	EPA 537.1	03/23/2023 13:46	ESJ
							Certifications:	NELAC-NY12058	03/28/2023 02:20	
2991-50-6	N-EtFOSAA	ND		-		ng/L	0.893	EPA 537.1	03/23/2023 13:46	ESJ
							Certifications:	NELAC-NY12058	03/28/2023 02:20	
<b>Surrogate Recoveries</b>		<b>Result</b>		<b>Acceptance Range</b>						
	Surrogate: d5-N-EtFOSAA	75.7 %		70-130						
	Surrogate: MPFDA	89.7 %		70-130						
	Surrogate: MPFHxA	83.4 %		70-130						
	Surrogate: M3HFPO-DA	78.4 %		70-130						



### Sample Information

**Client Sample ID:** Well 1-2 Field Blank Ran to Waste

**York Sample ID:** 23C1254-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23C1254

PFAS & 1,4 Dioxane 3/21/23

Drinking Water

March 21, 2023 7:45 am

03/22/2023

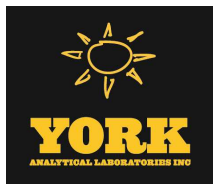
**PFAS, EPA 533 Target List**

**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/Anal	Analyst
				MCL						
919005-14-4	ADONA	ND		-		ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
								Certifications: NELAC-NY12058	03/30/2023 03:47	
756426-58-1	9CL-PF3ONS	ND		-		ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
								Certifications: NELAC-NY12058	03/30/2023 03:47	
763051-92-9	11CL-PF3OUdS	ND		-		ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
								Certifications: NELAC-NY12058	03/30/2023 03:47	
13252-13-6	HFPO-DA (Gen-X)	ND		-		ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
								Certifications: NELAC-NY12058	03/30/2023 03:47	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		-		ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
								Certifications: NELAC-NY12058	03/30/2023 03:47	
335-76-2	Perfluorodecanoic acid (PFDA)	ND		10		ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
								Certifications: NELAC-NY12058	03/30/2023 03:47	
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		-		ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
								Certifications: NELAC-NY12058	03/30/2023 03:47	
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		10		ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
								Certifications: NELAC-NY12058	03/30/2023 03:47	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		10		ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
								Certifications: NELAC-NY12058	03/30/2023 03:47	
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		-		ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
								Certifications: NELAC-NY12058	03/30/2023 03:47	
375-95-1	Perfluorononanoic acid (PFNA)	ND		10		ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
								Certifications: NELAC-NY12058	03/30/2023 03:47	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		10		ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
								Certifications: NELAC-NY12058	03/30/2023 03:47	
335-67-1	Perfluorooctanoic acid (PFOA)	ND		10		ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
								Certifications: NELAC-NY12058	03/30/2023 03:47	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		-		ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
								Certifications: NELAC-NY12058	03/30/2023 03:47	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		-		ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
								Certifications: NELAC-NY12058	03/30/2023 03:47	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		-		ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
								Certifications: NELAC-NY12058	03/30/2023 03:47	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		-		ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
								Certifications: NELAC-NY12058	03/30/2023 03:47	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		-		ng/L	1.85	EPA 533	03/24/2023 12:15	ESJ
								Certifications: NELAC-NY12058	03/30/2023 03:47	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		-		ng/L	1.85	EPA 533	03/24/2023 12:15	ESJ
								Certifications: NELAC-NY12058	03/30/2023 03:47	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		-		ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
								Certifications: NELAC-NY12058	03/30/2023 03:47	
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		-		ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
								Certifications: NELAC-NY12058	03/30/2023 03:47	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		-		ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
								Certifications: NELAC-NY12058	03/30/2023 03:47	



### Sample Information

**Client Sample ID:** Well 1-2 Field Blank Ran to Waste

**York Sample ID:** 23C1254-04

<u>York Project (SDG) No.</u> 23C1254	<u>Client Project ID</u> PFAS & 1,4 Dioxane 3/21/23	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> March 21, 2023 7:45 am	<u>Date Received</u> 03/22/2023
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**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/Anal	Analyst
				MCL						
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		-		ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 03:47	
151772-58-6	Perfluoro-3,6-dioxahexanoic acid (NFDHA)	ND		-		ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 03:47	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		-		ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 03:47	
	<b>Surrogate Recoveries</b>	<b>Result</b>		<b>Acceptance Range</b>						
	Surrogate: MPFDoA	94.3 %		50-200						
	Surrogate: MPFBA	88.3 %		50-200						
	Surrogate: M9PFNA	103 %		50-200						
	Surrogate: M8PFOS	93.8 %		50-200						
	Surrogate: M8PFOA	88.4 %		50-200						
	Surrogate: M7PFUdA	101 %		50-200						
	Surrogate: M6PFDA	99.7 %		50-200						
	Surrogate: M5PFPeA	91.7 %		50-200						
	Surrogate: M5PFHxA	82.5 %		50-200						
	Surrogate: M4PFHpA	91.8 %		50-200						
	Surrogate: M3PFHxS	85.3 %		50-200						
	Surrogate: M3PFBS	79.8 %		50-200						
	Surrogate: M3HFPO-DA	88.6 %		50-200						
	Surrogate: M2-8:2 FTS	143 %		50-200						
	Surrogate: M2-6:2 FTS	130 %		50-200						
	Surrogate: M2-4:2 FTS	99.2 %		50-200						

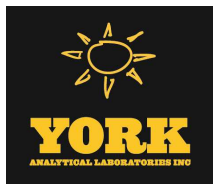
**PFAS, EPA 537.1 UCMR5 List**

**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/Anal	Analyst
				MCL						
72629-94-8	Perfluorotridecanoic acid (PFTTrDA)	ND		-		ng/L	0.893	EPA 537.1	03/23/2023 13:46	ESJ
							Certifications:	NELAC-NY12058	03/28/2023 02:48	
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		-		ng/L	0.893	EPA 537.1	03/23/2023 13:46	ESJ
							Certifications:	NELAC-NY12058	03/28/2023 02:48	
2355-31-9	N-MeFOSAA	ND		-		ng/L	0.893	EPA 537.1	03/23/2023 13:46	ESJ
							Certifications:	NELAC-NY12058	03/28/2023 02:48	
2991-50-6	N-EtFOSAA	ND		-		ng/L	0.893	EPA 537.1	03/23/2023 13:46	ESJ
							Certifications:	NELAC-NY12058	03/28/2023 02:48	
	<b>Surrogate Recoveries</b>	<b>Result</b>		<b>Acceptance Range</b>						
	Surrogate: d5-N-EtFOSAA	98.6 %		70-130						
	Surrogate: MPFDA	92.1 %		70-130						
	Surrogate: MPFHxA	79.4 %		70-130						



### Sample Information

**Client Sample ID:** Well 1-2 Field Blank Ran to Waste **York Sample ID:** 23C1254-04  
**York Project (SDG) No.:** 23C1254 **Client Project ID:** PFAS & 1,4 Dioxane 3/21/23 **Matrix:** Drinking Water **Collection Date/Time:** March 21, 2023 7:45 am **Date Received:** 03/22/2023

**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/Anal	Analyst
				MCL						
	Surrogate: M3HFPO-DA	73.9 %		70-130						

### Sample Information

**Client Sample ID:** Well 1-3 Ran to Waste **York Sample ID:** 23C1254-05  
**York Project (SDG) No.:** 23C1254 **Client Project ID:** PFAS & 1,4 Dioxane 3/21/23 **Matrix:** Drinking Water **Collection Date/Time:** March 21, 2023 8:00 am **Date Received:** 03/22/2023

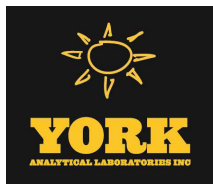
**PFAS, EPA 533 Target List**

**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/Anal	Analyst
				MCL						
919005-14-4	ADONA	ND		-		ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
								Certifications: NELAC-NY12058	03/30/2023 04:00	
756426-58-1	9CL-PF3ONS	ND		-		ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
								Certifications: NELAC-NY12058	03/30/2023 04:00	
763051-92-9	11CL-PF3OUdS	ND		-		ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
								Certifications: NELAC-NY12058	03/30/2023 04:00	
13252-13-6	HFPO-DA (Gen-X)	ND		-		ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
								Certifications: NELAC-NY12058	03/30/2023 04:00	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	3.64		-		ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
								Certifications: NELAC-NY12058	03/30/2023 04:00	
335-76-2	Perfluorodecanoic acid (PFDA)	ND		10		ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
								Certifications: NELAC-NY12058	03/30/2023 04:00	
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		-		ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
								Certifications: NELAC-NY12058	03/30/2023 04:00	
375-85-9	Perfluoroheptanoic acid (PFHpA)	6.52		10		ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
								Certifications: NELAC-NY12058	03/30/2023 04:00	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	22.7		10		ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
								Certifications: NELAC-NY12058	03/30/2023 04:00	
307-24-4	Perfluorohexanoic acid (PFHxA)	7.93		-		ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
								Certifications: NELAC-NY12058	03/30/2023 04:00	
375-95-1	Perfluorononanoic acid (PFNA)	19.2		10		ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
								Certifications: NELAC-NY12058	03/30/2023 04:00	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	11.0		10		ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
								Certifications: NELAC-NY12058	03/30/2023 04:00	
335-67-1	Perfluorooctanoic acid (PFOA)	8.27		10		ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
								Certifications: NELAC-NY12058	03/30/2023 04:00	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	10.9		-		ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
								Certifications: NELAC-NY12058	03/30/2023 04:00	



### Sample Information

**Client Sample ID:** Well 1-3 Ran to Waste

**York Sample ID:** 23C1254-05

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

23C1254

PFAS & 1,4 Dioxane 3/21/23

Drinking Water

March 21, 2023 8:00 am

03/22/2023

**PFAS, EPA 533 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 533

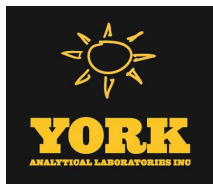
CAS No.	Parameter	Result	Flag	Maximum Contaminant Level		Units	Reported to LOQ	Reference Method	Date/Time Prep/Anal	Analyst
				MCL						
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		-		ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 04:00	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	1.37		-		ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 04:00	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	3.62		-		ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 04:00	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		-		ng/L	1.85	EPA 533	03/24/2023 12:15	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 04:00	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		-		ng/L	1.85	EPA 533	03/24/2023 12:15	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 04:00	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		-		ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 04:00	
2706-90-3	Perfluoropentanoic acid (PFPeA)	7.84		-		ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 04:00	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		-		ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 04:00	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		-		ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 04:00	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		-		ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 04:00	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND		-		ng/L	0.926	EPA 533	03/24/2023 12:15	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 04:00	

**Surrogate Recoveries**

**Result**

**Acceptance Range**

Surrogate: MPFDoA	85.3 %	50-200
Surrogate: MPFBA	91.4 %	50-200
Surrogate: M9PFNA	99.6 %	50-200
Surrogate: M8PFOS	90.0 %	50-200
Surrogate: M8PFOA	85.0 %	50-200
Surrogate: M7PFUdA	91.7 %	50-200
Surrogate: M6PFDA	94.5 %	50-200
Surrogate: M5PFPeA	91.4 %	50-200
Surrogate: M5PFHxA	77.7 %	50-200
Surrogate: M4PFHpA	85.6 %	50-200
Surrogate: M3PFHxS	83.0 %	50-200
Surrogate: M3PFBS	81.9 %	50-200
Surrogate: M3HFPO-DA	90.0 %	50-200
Surrogate: M2-8:2 FTS	146 %	50-200
Surrogate: M2-6:2 FTS	135 %	50-200
Surrogate: M2-4:2 FTS	124 %	50-200



### Sample Information

**Client Sample ID:** Well 1-3 Ran to Waste

**York Sample ID:** 23C1254-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23C1254

PFAS & 1,4 Dioxane 3/21/23

Drinking Water

March 21, 2023 8:00 am

03/22/2023

**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/Anal	Analyst
				MCL						
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		-		ng/L	0.893	EPA 537.1	03/23/2023 13:46	ESJ
							Certifications: NELAC-NY12058		03/28/2023 03:02	
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		-		ng/L	0.893	EPA 537.1	03/23/2023 13:46	ESJ
							Certifications: NELAC-NY12058		03/28/2023 03:02	
2355-31-9	N-MeFOSAA	ND		-		ng/L	0.893	EPA 537.1	03/23/2023 13:46	ESJ
							Certifications: NELAC-NY12058		03/28/2023 03:02	
2991-50-6	N-EtFOSAA	ND		-		ng/L	0.893	EPA 537.1	03/23/2023 13:46	ESJ
							Certifications: NELAC-NY12058		03/28/2023 03:02	
<b>Surrogate Recoveries</b>		<b>Result</b>		<b>Acceptance Range</b>						
	Surrogate: d5-N-EtFOSAA	81.2 %		70-130						
	Surrogate: MPFDA	79.2 %		70-130						
	Surrogate: MPFHxA	71.1 %		70-130						
	Surrogate: M3HFPO-DA	66.0 %	PFSL	70-130						

### Sample Information

**Client Sample ID:** Well 1-3 Field Blank Ran to Waste

**York Sample ID:** 23C1254-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23C1254

PFAS & 1,4 Dioxane 3/21/23

Drinking Water

March 21, 2023 8:00 am

03/22/2023

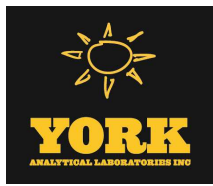
**PFAS, EPA 533 Target List**

**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/Anal	Analyst
				MCL						
919005-14-4	ADONA	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
							Certifications: NELAC-NY12058		03/30/2023 05:56	
756426-58-1	9CL-PF3ONS	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
							Certifications: NELAC-NY12058		03/30/2023 05:56	
763051-92-9	11CL-PF3OUdS	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
							Certifications: NELAC-NY12058		03/30/2023 05:56	
13252-13-6	HFPO-DA (Gen-X)	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
							Certifications: NELAC-NY12058		03/30/2023 05:56	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
							Certifications: NELAC-NY12058		03/30/2023 05:56	
335-76-2	Perfluorodecanoic acid (PFDA)	ND		10		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
							Certifications: NELAC-NY12058		03/30/2023 05:56	
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
							Certifications: NELAC-NY12058		03/30/2023 05:56	
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		10		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
							Certifications: NELAC-NY12058		03/30/2023 05:56	



### Sample Information

**Client Sample ID:** Well 1-3 Field Blank Ran to Waste

**York Sample ID:** 23C1254-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23C1254

PFAS & 1,4 Dioxane 3/21/23

Drinking Water

March 21, 2023 8:00 am

03/22/2023

**PFAS, EPA 533 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 533

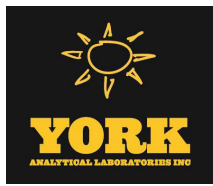
CAS No.	Parameter	Result	Flag	Maximum Contaminant Level		Units	Reported to LOQ	Reference Method	Date/Time Prep/Anal	Analyst
				MCL						
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		10		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 05:56	
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 05:56	
375-95-1	Perfluorononanoic acid (PFNA)	ND		10		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 05:56	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		10		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 05:56	
335-67-1	Perfluorooctanoic acid (PFOA)	ND		10		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 05:56	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 05:56	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 05:56	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 05:56	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 05:56	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		-		ng/L	1.72	EPA 533	03/28/2023 10:31	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 05:56	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		-		ng/L	1.72	EPA 533	03/28/2023 10:31	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 05:56	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 05:56	
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 05:56	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 05:56	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 05:56	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 05:56	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 05:56	

**Surrogate Recoveries**

**Result**

**Acceptance Range**

Surrogate: MPFDoA	92.1 %	50-200
Surrogate: MPFBA	88.8 %	50-200
Surrogate: M9PFNA	98.0 %	50-200
Surrogate: M8PFOS	89.8 %	50-200
Surrogate: M8PFOA	86.8 %	50-200
Surrogate: M7PFUdA	98.1 %	50-200
Surrogate: M6PFDA	96.2 %	50-200



### Sample Information

<b>Client Sample ID:</b> Well 1-3 Field Blank Ran to Waste	<b>York Sample ID:</b> 23C1254-06			
<u>York Project (SDG) No.</u> 23C1254	<u>Client Project ID</u> PFAS & 1,4 Dioxane 3/21/23	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> March 21, 2023 8:00 am	<u>Date Received</u> 03/22/2023

#### 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/Anal	Analyst
				MCL						
	Surrogate: M5PFPeA	90.4 %		50-200						
	Surrogate: M5PFHxA	76.4 %		50-200						
	Surrogate: M4PFHpA	89.3 %		50-200						
	Surrogate: M3PFHxS	75.7 %		50-200						
	Surrogate: M3PFBS	74.2 %		50-200						
	Surrogate: M3HFPO-DA	72.9 %		50-200						
	Surrogate: M2-8:2 FTS	150 %		50-200						
	Surrogate: M2-6:2 FTS	128 %		50-200						
	Surrogate: M2-4:2 FTS	94.7 %		50-200						

#### 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/Anal	Analyst
				MCL						
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		-		ng/L	0.926	EPA 537.1	03/23/2023 13:46	ESJ
							Certifications: NELAC-NY12058		03/28/2023 03:16	
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		-		ng/L	0.926	EPA 537.1	03/23/2023 13:46	ESJ
							Certifications: NELAC-NY12058		03/28/2023 03:16	
2355-31-9	N-MeFOSAA	ND		-		ng/L	0.926	EPA 537.1	03/23/2023 13:46	ESJ
							Certifications: NELAC-NY12058		03/28/2023 03:16	
2991-50-6	N-EtFOSAA	ND		-		ng/L	0.926	EPA 537.1	03/23/2023 13:46	ESJ
							Certifications: NELAC-NY12058		03/28/2023 03:16	
	<b>Surrogate Recoveries</b>	<b>Result</b>		<b>Acceptance Range</b>						
	Surrogate: d5-N-EtFOSAA	95.6 %		70-130						
	Surrogate: MPFDA	104 %		70-130						
	Surrogate: MPFHxA	83.2 %		70-130						
	Surrogate: M3HFPO-DA	78.7 %		70-130						

### Sample Information

<b>Client Sample ID:</b> GAC Blended Effluent Ran to Waste	<b>York Sample ID:</b> 23C1254-07			
<u>York Project (SDG) No.</u> 23C1254	<u>Client Project ID</u> PFAS & 1,4 Dioxane 3/21/23	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> March 21, 2023 8:15 am	<u>Date Received</u> 03/22/2023

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

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA 522

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level		Units	Reported to LOQ	Reference Method	Date/Time Prep/Anal	Analyst
				MCL						
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:** GAC Blended Effluent Ran to Waste

**York Sample ID:** 23C1254-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23C1254

PFAS & 1,4 Dioxane 3/21/23

Drinking Water

March 21, 2023 8:15 am

03/22/2023

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 522

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level		Units	Reported to LOQ	Reference Method	Date/Time Prep/Anal	Analyst
				MCL						
123-91-1	1,4-Dioxane	ND		1		ug/L	0.200	EPA 522	03/23/2023 10:08	KH
						Certifications:	NELAC-NY10854		03/24/2023 22:38	
	<b>Surrogate Recoveries</b>	<b>Result</b>		<b>Acceptance Range</b>						
17647-74-4	Surrogate: 1,4-Dioxane-d8	84.0 %		70-130						

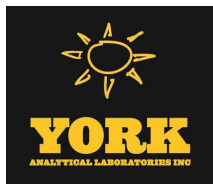
**PFAS, EPA 533 Target List**

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/Anal	Analyst
				MCL						
919005-14-4	ADONA	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
						Certifications:	NELAC-NY12058		03/30/2023 06:09	
756426-58-1	9CL-PF3ONS	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
						Certifications:	NELAC-NY12058		03/30/2023 06:09	
763051-92-9	11CL-PF3OUdS	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
						Certifications:	NELAC-NY12058		03/30/2023 06:09	
13252-13-6	HFPO-DA (Gen-X)	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
						Certifications:	NELAC-NY12058		03/30/2023 06:09	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
						Certifications:	NELAC-NY12058		03/30/2023 06:09	
335-76-2	Perfluorodecanoic acid (PFDA)	ND		10		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
						Certifications:	NELAC-NY12058		03/30/2023 06:09	
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
						Certifications:	NELAC-NY12058		03/30/2023 06:09	
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		10		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
						Certifications:	NELAC-NY12058		03/30/2023 06:09	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		10		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
						Certifications:	NELAC-NY12058		03/30/2023 06:09	
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
						Certifications:	NELAC-NY12058		03/30/2023 06:09	
375-95-1	Perfluorononanoic acid (PFNA)	ND		10		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
						Certifications:	NELAC-NY12058		03/30/2023 06:09	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		10		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
						Certifications:	NELAC-NY12058		03/30/2023 06:09	
335-67-1	Perfluorooctanoic acid (PFOA)	ND		10		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
						Certifications:	NELAC-NY12058		03/30/2023 06:09	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
						Certifications:	NELAC-NY12058		03/30/2023 06:09	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
						Certifications:	NELAC-NY12058		03/30/2023 06:09	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
						Certifications:	NELAC-NY12058		03/30/2023 06:09	



### Sample Information

**Client Sample ID:** GAC Blended Effluent Ran to Waste

**York Sample ID:** 23C1254-07

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

23C1254

PFAS & 1,4 Dioxane 3/21/23

Drinking Water

March 21, 2023 8:15 am

03/22/2023

**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/Anal	Analyst
				MCL						
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 06:09	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		-		ng/L	1.72	EPA 533	03/28/2023 10:31	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 06:09	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		-		ng/L	1.72	EPA 533	03/28/2023 10:31	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 06:09	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 06:09	
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 06:09	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 06:09	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 06:09	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 06:09	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 06:09	

**Surrogate Recoveries**

**Result**

**Acceptance Range**

Surrogate: MPFDoA	97.3 %	50-200
Surrogate: MPFBA	87.7 %	50-200
Surrogate: M9PFNA	101 %	50-200
Surrogate: M8PFOS	87.3 %	50-200
Surrogate: M8PFOA	89.3 %	50-200
Surrogate: M7PFUdA	101 %	50-200
Surrogate: M6PFDA	103 %	50-200
Surrogate: M5PFPeA	90.9 %	50-200
Surrogate: M5PFHxA	80.9 %	50-200
Surrogate: M4PFHpA	98.0 %	50-200
Surrogate: M3PFHxS	74.4 %	50-200
Surrogate: M3PFBS	81.7 %	50-200
Surrogate: M3HFPO-DA	85.4 %	50-200
Surrogate: M2-8:2 FTS	163 %	50-200
Surrogate: M2-6:2 FTS	137 %	50-200
Surrogate: M2-4:2 FTS	98.6 %	50-200

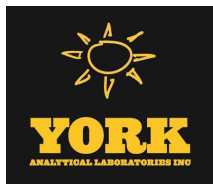
**PFAS, EPA 537.1 UCMR5 List**

**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/Anal	Analyst
				MCL						



### Sample Information

**Client Sample ID:** GAC Blended Effluent Ran to Waste

**York Sample ID:** 23C1254-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23C1254

PFAS & 1,4 Dioxane 3/21/23

Drinking Water

March 21, 2023 8:15 am

03/22/2023

**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/Anal	Analyst
				MCL						
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		-		ng/L	0.909	EPA 537.1	03/23/2023 13:46	ESJ
								Certifications: NELAC-NY12058	03/28/2023 03:29	
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		-		ng/L	0.909	EPA 537.1	03/23/2023 13:46	ESJ
								Certifications: NELAC-NY12058	03/28/2023 03:29	
2355-31-9	N-MeFOSAA	ND		-		ng/L	0.909	EPA 537.1	03/23/2023 13:46	ESJ
								Certifications: NELAC-NY12058	03/28/2023 03:29	
2991-50-6	N-EtFOSAA	ND		-		ng/L	0.909	EPA 537.1	03/23/2023 13:46	ESJ
								Certifications: NELAC-NY12058	03/28/2023 03:29	
	<b>Surrogate Recoveries</b>	<b>Result</b>		<b>Acceptance Range</b>						
	Surrogate: d5-N-EtFOSAA	83.2 %		70-130						
	Surrogate: MPFDA	86.6 %		70-130						
	Surrogate: MPFHxA	78.7 %		70-130						
	Surrogate: M3HFPO-DA	72.7 %		70-130						

### Sample Information

**Client Sample ID:** GAC Blended Effluent Field Blank Ran to Waste

**York Sample ID:** 23C1254-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23C1254

PFAS & 1,4 Dioxane 3/21/23

Drinking Water

March 21, 2023 8:15 am

03/22/2023

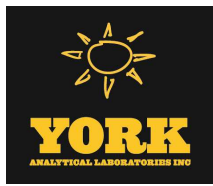
**PFAS, EPA 533 Target List**

**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/Anal	Analyst
				MCL						
919005-14-4	ADONA	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
								Certifications: NELAC-NY12058	03/30/2023 06:35	
756426-58-1	9CL-PF3ONS	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
								Certifications: NELAC-NY12058	03/30/2023 06:35	
763051-92-9	11CL-PF3OUdS	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
								Certifications: NELAC-NY12058	03/30/2023 06:35	
13252-13-6	HFPO-DA (Gen-X)	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
								Certifications: NELAC-NY12058	03/30/2023 06:35	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
								Certifications: NELAC-NY12058	03/30/2023 06:35	
335-76-2	Perfluorodecanoic acid (PFDA)	ND		10		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
								Certifications: NELAC-NY12058	03/30/2023 06:35	
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
								Certifications: NELAC-NY12058	03/30/2023 06:35	
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		10		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
								Certifications: NELAC-NY12058	03/30/2023 06:35	



### Sample Information

**Client Sample ID:** GAC Blended Effluent Field Blank Ran to Waste

**York Sample ID:** 23C1254-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23C1254

PFAS & 1,4 Dioxane 3/21/23

Drinking Water

March 21, 2023 8:15 am

03/22/2023

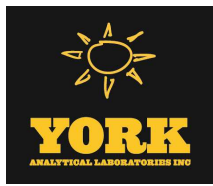
**PFAS, EPA 533 Target List**

**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/Anal	Analyst
				MCL						
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		10		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
								Certifications: NELAC-NY12058	03/30/2023 06:35	
307-24-4	<b>Perfluorohexanoic acid (PFHxA)</b>	<b>3.36</b>		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
								Certifications: NELAC-NY12058	03/30/2023 06:35	
375-95-1	Perfluorononanoic acid (PFNA)	ND		10		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
								Certifications: NELAC-NY12058	03/30/2023 06:35	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		10		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
								Certifications: NELAC-NY12058	03/30/2023 06:35	
335-67-1	Perfluorooctanoic acid (PFOA)	ND		10		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
								Certifications: NELAC-NY12058	03/30/2023 06:35	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
								Certifications: NELAC-NY12058	03/30/2023 06:35	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
								Certifications: NELAC-NY12058	03/30/2023 06:35	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
								Certifications: NELAC-NY12058	03/30/2023 06:35	
375-22-4	<b>Perfluoro-n-butanoic acid (PFBA)</b>	<b>18.2</b>		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
								Certifications: NELAC-NY12058	03/30/2023 06:35	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		-		ng/L	1.72	EPA 533	03/28/2023 10:31	ESJ
								Certifications: NELAC-NY12058	03/30/2023 06:35	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		-		ng/L	1.72	EPA 533	03/28/2023 10:31	ESJ
								Certifications: NELAC-NY12058	03/30/2023 06:35	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
								Certifications: NELAC-NY12058	03/30/2023 06:35	
2706-90-3	<b>Perfluoropentanoic acid (PFPeA)</b>	<b>11.9</b>		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
								Certifications: NELAC-NY12058	03/30/2023 06:35	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
								Certifications: NELAC-NY12058	03/30/2023 06:35	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
								Certifications: NELAC-NY12058	03/30/2023 06:35	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
								Certifications: NELAC-NY12058	03/30/2023 06:35	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
								Certifications: NELAC-NY12058	03/30/2023 06:35	
	<b>Surrogate Recoveries</b>	<b>Result</b>		<b>Acceptance Range</b>						
	Surrogate: MPFDoA	79.7 %		50-200						
	Surrogate: MPFBA	81.3 %		50-200						
	Surrogate: M9PFNA	85.4 %		50-200						
	Surrogate: M8PFOS	79.3 %		50-200						
	Surrogate: M8PFOA	77.3 %		50-200						
	Surrogate: M7PFUdA	84.9 %		50-200						
	Surrogate: M6PFDA	82.9 %		50-200						



### Sample Information

**Client Sample ID:** GAC Blended Effluent Field Blank Ran to Waste **York Sample ID:** 23C1254-08

**York Project (SDG) No.:** 23C1254 **Client Project ID:** PFAS & 1,4 Dioxane 3/21/23 **Matrix:** Drinking Water **Collection Date/Time:** March 21, 2023 8:15 am **Date Received:** 03/22/2023

**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/Anal	Analyst
				MCL						
	Surrogate: M5PFPeA	85.3 %		50-200						
	Surrogate: M5PFHxA	68.5 %		50-200						
	Surrogate: M4PFHpA	81.6 %		50-200						
	Surrogate: M3PFHxS	75.5 %		50-200						
	Surrogate: M3PFBS	74.4 %		50-200						
	Surrogate: M3HFPO-DA	73.8 %		50-200						
	Surrogate: M2-8:2 FTS	137 %		50-200						
	Surrogate: M2-6:2 FTS	114 %		50-200						
	Surrogate: M2-4:2 FTS	86.1 %		50-200						

**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/Anal	Analyst
				MCL						
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		-		ng/L	0.926	EPA 537.1	03/23/2023 13:46	ESJ
							Certifications: NELAC-NY12058		03/28/2023 03:57	
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		-		ng/L	0.926	EPA 537.1	03/23/2023 13:46	ESJ
							Certifications: NELAC-NY12058		03/28/2023 03:57	
2355-31-9	N-MeFOSAA	ND		-		ng/L	0.926	EPA 537.1	03/23/2023 13:46	ESJ
							Certifications: NELAC-NY12058		03/28/2023 03:57	
2991-50-6	N-EtFOSAA	ND		-		ng/L	0.926	EPA 537.1	03/23/2023 13:46	ESJ
							Certifications: NELAC-NY12058		03/28/2023 03:57	
	<b>Surrogate Recoveries</b>	<b>Result</b>		<b>Acceptance Range</b>						
	Surrogate: d5-N-EtFOSAA	89.6 %		70-130						
	Surrogate: MPFDA	92.9 %		70-130						
	Surrogate: MPFHxA	80.8 %		70-130						
	Surrogate: M3HFPO-DA	78.6 %		70-130						

### Sample Information

**Client Sample ID:** Well 2-1 Ran to Waste **York Sample ID:** 23C1254-09

**York Project (SDG) No.:** 23C1254 **Client Project ID:** PFAS & 1,4 Dioxane 3/21/23 **Matrix:** Drinking Water **Collection Date/Time:** March 21, 2023 8:30 am **Date Received:** 03/22/2023

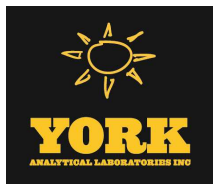
**PFAS, EPA 533 Target List**

**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/Anal	Analyst
				MCL						



### Sample Information

**Client Sample ID:** Well 2-1 Ran to Waste

**York Sample ID:** 23C1254-09

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

23C1254

PFAS & 1,4 Dioxane 3/21/23

Drinking Water

March 21, 2023 8:30 am

03/22/2023

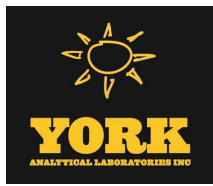
**PFAS, EPA 533 Target List**

**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/Anal	Analyst
				MCL						
919005-14-4	ADONA	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
								Certifications: NELAC-NY12058	03/30/2023 06:48	
756426-58-1	9CL-PF3ONS	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
								Certifications: NELAC-NY12058	03/30/2023 06:48	
763051-92-9	11CL-PF3OUdS	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
								Certifications: NELAC-NY12058	03/30/2023 06:48	
13252-13-6	HFPO-DA (Gen-X)	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
								Certifications: NELAC-NY12058	03/30/2023 06:48	
375-73-5	<b>Perfluorobutanesulfonic acid (PFBS)</b>	<b>1.71</b>		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
								Certifications: NELAC-NY12058	03/30/2023 06:48	
335-76-2	Perfluorodecanoic acid (PFDA)	ND		10		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
								Certifications: NELAC-NY12058	03/30/2023 06:48	
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
								Certifications: NELAC-NY12058	03/30/2023 06:48	
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		10		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
								Certifications: NELAC-NY12058	03/30/2023 06:48	
355-46-4	<b>Perfluorohexanesulfonic acid (PFHxS)</b>	<b>2.29</b>		10		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
								Certifications: NELAC-NY12058	03/30/2023 06:48	
307-24-4	<b>Perfluorohexanoic acid (PFHxA)</b>	<b>2.36</b>		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
								Certifications: NELAC-NY12058	03/30/2023 06:48	
375-95-1	Perfluorononanoic acid (PFNA)	ND		10		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
								Certifications: NELAC-NY12058	03/30/2023 06:48	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		10		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
								Certifications: NELAC-NY12058	03/30/2023 06:48	
335-67-1	<b>Perfluorooctanoic acid (PFOA)</b>	<b>1.02</b>		10		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
								Certifications: NELAC-NY12058	03/30/2023 06:48	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
								Certifications: NELAC-NY12058	03/30/2023 06:48	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
								Certifications: NELAC-NY12058	03/30/2023 06:48	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
								Certifications: NELAC-NY12058	03/30/2023 06:48	
375-22-4	<b>Perfluoro-n-butanoic acid (PFBA)</b>	<b>1.18</b>		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
								Certifications: NELAC-NY12058	03/30/2023 06:48	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		-		ng/L	1.72	EPA 533	03/28/2023 10:31	ESJ
								Certifications: NELAC-NY12058	03/30/2023 06:48	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		-		ng/L	1.72	EPA 533	03/28/2023 10:31	ESJ
								Certifications: NELAC-NY12058	03/30/2023 06:48	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
								Certifications: NELAC-NY12058	03/30/2023 06:48	
2706-90-3	<b>Perfluoropentanoic acid (PFPeA)</b>	<b>2.10</b>		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
								Certifications: NELAC-NY12058	03/30/2023 06:48	



### Sample Information

**Client Sample ID:** Well 2-1 Ran to Waste

**York Sample ID:** 23C1254-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23C1254

PFAS & 1,4 Dioxane 3/21/23

Drinking Water

March 21, 2023 8:30 am

03/22/2023

**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/Anal	Analyst
				MCL						
863090-89-5	Perfluoro-5-oxaheptanoic acid (PFMBA)	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 06:48	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 06:48	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 06:48	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 06:48	

**Surrogate Recoveries**

**Result**

**Acceptance Range**

Surrogate: MPFDoA	62.7 %	50-200
Surrogate: MPFBA	96.2 %	50-200
Surrogate: M9PFNA	96.3 %	50-200
Surrogate: M8PFOS	90.8 %	50-200
Surrogate: M8PFOA	93.3 %	50-200
Surrogate: M7PFUdA	81.9 %	50-200
Surrogate: M6PFDA	92.3 %	50-200
Surrogate: M5PFPeA	95.4 %	50-200
Surrogate: M5PFHxA	85.6 %	50-200
Surrogate: M4PFHpA	93.5 %	50-200
Surrogate: M3PFHxS	86.3 %	50-200
Surrogate: M3PFBS	86.7 %	50-200
Surrogate: M3HFPO-DA	95.1 %	50-200
Surrogate: M2-8:2 FTS	112 %	50-200
Surrogate: M2-6:2 FTS	119 %	50-200
Surrogate: M2-4:2 FTS	121 %	50-200

**PFAS, EPA 537.1 UCMR5 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 537.1 SPE DVB

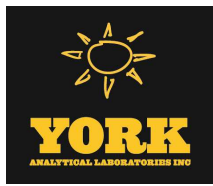
CAS No.	Parameter	Result	Flag	Maximum Contaminant Level		Units	Reported to LOQ	Reference Method	Date/Time Prep/Anal	Analyst
				MCL						
72629-94-8	Perfluorotridecanoic acid (PFTTrDA)	ND		-		ng/L	0.926	EPA 537.1	03/23/2023 13:46	ESJ
							Certifications:	NELAC-NY12058	03/28/2023 04:10	
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		-		ng/L	0.926	EPA 537.1	03/23/2023 13:46	ESJ
							Certifications:	NELAC-NY12058	03/28/2023 04:10	
2355-31-9	N-MeFOSAA	ND		-		ng/L	0.926	EPA 537.1	03/23/2023 13:46	ESJ
							Certifications:	NELAC-NY12058	03/28/2023 04:10	
2991-50-6	N-EtFOSAA	ND		-		ng/L	0.926	EPA 537.1	03/23/2023 13:46	ESJ
							Certifications:	NELAC-NY12058	03/28/2023 04:10	

**Surrogate Recoveries**

**Result**

**Acceptance Range**

Surrogate: d5-N-EtFOSAA	87.0 %	70-130
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### Sample Information

**Client Sample ID:** Well 2-1 Ran to Waste **York Sample ID:** 23C1254-09  
**York Project (SDG) No.:** 23C1254 **Client Project ID:** PFAS & 1,4 Dioxane 3/21/23 **Matrix:** Drinking Water **Collection Date/Time:** March 21, 2023 8:30 am **Date Received:** 03/22/2023

**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/Anal	Analyst
				MCL						
	Surrogate: MPFDA	93.1 %		70-130						
	Surrogate: MPFHxA	82.3 %		70-130						
	Surrogate: M3HFPO-DA	80.8 %		70-130						

### Sample Information

**Client Sample ID:** Well 2-1 Field Blank Ran to Waste **York Sample ID:** 23C1254-10  
**York Project (SDG) No.:** 23C1254 **Client Project ID:** PFAS & 1,4 Dioxane 3/21/23 **Matrix:** Drinking Water **Collection Date/Time:** March 21, 2023 8:30 am **Date Received:** 03/22/2023

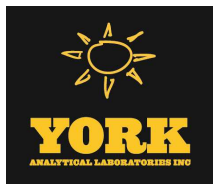
**PFAS, EPA 533 Target List**

**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/Anal	Analyst
				MCL						
919005-14-4	ADONA	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
								NELAC-NY12058	03/30/2023 07:14	
756426-58-1	9CL-PF3ONS	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
								NELAC-NY12058	03/30/2023 07:14	
763051-92-9	11CL-PF3OUdS	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
								NELAC-NY12058	03/30/2023 07:14	
13252-13-6	HFPO-DA (Gen-X)	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
								NELAC-NY12058	03/30/2023 07:14	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
								NELAC-NY12058	03/30/2023 07:14	
335-76-2	Perfluorodecanoic acid (PFDA)	ND		10		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
								NELAC-NY12058	03/30/2023 07:14	
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
								NELAC-NY12058	03/30/2023 07:14	
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		10		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
								NELAC-NY12058	03/30/2023 07:14	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		10		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
								NELAC-NY12058	03/30/2023 07:14	
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
								NELAC-NY12058	03/30/2023 07:14	
375-95-1	Perfluorononanoic acid (PFNA)	ND		10		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
								NELAC-NY12058	03/30/2023 07:14	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		10		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
								NELAC-NY12058	03/30/2023 07:14	
335-67-1	Perfluorooctanoic acid (PFOA)	ND		10		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
								NELAC-NY12058	03/30/2023 07:14	



### Sample Information

**Client Sample ID:** Well 2-1 Field Blank Ran to Waste

**York Sample ID:** 23C1254-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23C1254

PFAS & 1,4 Dioxane 3/21/23

Drinking Water

March 21, 2023 8:30 am

03/22/2023

**PFAS, EPA 533 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 533

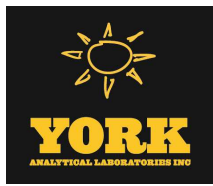
CAS No.	Parameter	Result	Flag	Maximum Contaminant Level		Units	Reported to LOQ	Reference Method	Date/Time Prep/Anal	Analyst
				MCL						
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
								Certifications: NELAC-NY12058	03/30/2023 07:14	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
								Certifications: NELAC-NY12058	03/30/2023 07:14	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
								Certifications: NELAC-NY12058	03/30/2023 07:14	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
								Certifications: NELAC-NY12058	03/30/2023 07:14	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		-		ng/L	1.72	EPA 533	03/28/2023 10:31	ESJ
								Certifications: NELAC-NY12058	03/30/2023 07:14	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		-		ng/L	1.72	EPA 533	03/28/2023 10:31	ESJ
								Certifications: NELAC-NY12058	03/30/2023 07:14	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
								Certifications: NELAC-NY12058	03/30/2023 07:14	
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
								Certifications: NELAC-NY12058	03/30/2023 07:14	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
								Certifications: NELAC-NY12058	03/30/2023 07:14	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
								Certifications: NELAC-NY12058	03/30/2023 07:14	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
								Certifications: NELAC-NY12058	03/30/2023 07:14	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
								Certifications: NELAC-NY12058	03/30/2023 07:14	

**Surrogate Recoveries**

**Result**

**Acceptance Range**

Surrogate: MPFDoA	101 %		50-200
Surrogate: MPFBA	96.2 %		50-200
Surrogate: M9PFNA	105 %		50-200
Surrogate: M8PFOS	99.5 %		50-200
Surrogate: M8PFOA	94.8 %		50-200
Surrogate: M7PFUdA	111 %		50-200
Surrogate: M6PFDA	112 %		50-200
Surrogate: M5PFPeA	97.2 %		50-200
Surrogate: M5PFHxA	81.8 %		50-200
Surrogate: M4PFHpA	94.8 %		50-200
Surrogate: M3PFHxS	84.6 %		50-200
Surrogate: M3PFBS	84.2 %		50-200
Surrogate: M3HFPO-DA	92.9 %		50-200
Surrogate: M2-8:2 FTS	218 %	PFSu-H	50-200
Surrogate: M2-6:2 FTS	180 %		50-200
Surrogate: M2-4:2 FTS	106 %		50-200



### Sample Information

**Client Sample ID:** Well 2-1 Field Blank Ran to Waste

**York Sample ID:** 23C1254-10

<u>York Project (SDG) No.</u> 23C1254	<u>Client Project ID</u> PFAS & 1,4 Dioxane 3/21/23	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> March 21, 2023 8:30 am	<u>Date Received</u> 03/22/2023
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**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/Anal	Analyst
				MCL						
72629-94-8	Perfluorotridecanoic acid (PFTTrDA)	ND		-		ng/L	0.926	EPA 537.1	03/23/2023 13:46	ESJ
							Certifications:	NELAC-NY12058	03/28/2023 04:38	
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		-		ng/L	0.926	EPA 537.1	03/23/2023 13:46	ESJ
							Certifications:	NELAC-NY12058	03/28/2023 04:38	
2355-31-9	N-MeFOSAA	ND		-		ng/L	0.926	EPA 537.1	03/23/2023 13:46	ESJ
							Certifications:	NELAC-NY12058	03/28/2023 04:38	
2991-50-6	N-EtFOSAA	ND		-		ng/L	0.926	EPA 537.1	03/23/2023 13:46	ESJ
							Certifications:	NELAC-NY12058	03/28/2023 04:38	
	<b>Surrogate Recoveries</b>	<b>Result</b>		<b>Acceptance Range</b>						
	Surrogate: d5-N-EtFOSAA	105 %		70-130						
	Surrogate: MPFDA	105 %		70-130						
	Surrogate: MPFHxA	91.2 %		70-130						
	Surrogate: M3HFPO-DA	87.0 %		70-130						

### Sample Information

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

**York Sample ID:** 23C1254-11

<u>York Project (SDG) No.</u> 23C1254	<u>Client Project ID</u> PFAS & 1,4 Dioxane 3/21/23	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> March 21, 2023 8:45 am	<u>Date Received</u> 03/22/2023
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**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/Anal	Analyst
				MCL						
919005-14-4	ADONA	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 07:26	
756426-58-1	9CL-PF3ONS	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 07:26	
763051-92-9	11CL-PF3OUdS	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 07:26	
13252-13-6	HFPO-DA (Gen-X)	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 07:26	
375-73-5	<b>Perfluorobutanesulfonic acid (PFBS)</b>	<b>1.23</b>		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 07:26	
335-76-2	Perfluorodecanoic acid (PFDA)	ND		10		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 07:26	
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 07:26	
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		10		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 07:26	



### Sample Information

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

**York Sample ID:** 23C1254-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23C1254

PFAS & 1,4 Dioxane 3/21/23

Drinking Water

March 21, 2023 8:45 am

03/22/2023

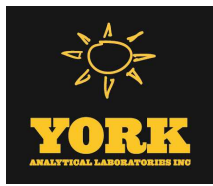
**PFAS, EPA 533 Target List**

**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/Anal	Analyst
				MCL						
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	1.65		10		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
								Certifications: NELAC-NY12058	03/30/2023 07:26	
307-24-4	Perfluorohexanoic acid (PFHxA)	1.13		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
								Certifications: NELAC-NY12058	03/30/2023 07:26	
375-95-1	Perfluorononanoic acid (PFNA)	ND		10		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
								Certifications: NELAC-NY12058	03/30/2023 07:26	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		10		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
								Certifications: NELAC-NY12058	03/30/2023 07:26	
335-67-1	Perfluorooctanoic acid (PFOA)	0.871		10		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
								Certifications: NELAC-NY12058	03/30/2023 07:26	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
								Certifications: NELAC-NY12058	03/30/2023 07:26	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
								Certifications: NELAC-NY12058	03/30/2023 07:26	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
								Certifications: NELAC-NY12058	03/30/2023 07:26	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	0.875		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
								Certifications: NELAC-NY12058	03/30/2023 07:26	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		-		ng/L	1.72	EPA 533	03/28/2023 10:31	ESJ
								Certifications: NELAC-NY12058	03/30/2023 07:26	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		-		ng/L	1.72	EPA 533	03/28/2023 10:31	ESJ
								Certifications: NELAC-NY12058	03/30/2023 07:26	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
								Certifications: NELAC-NY12058	03/30/2023 07:26	
2706-90-3	Perfluoropentanoic acid (PFPeA)	1.31		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
								Certifications: NELAC-NY12058	03/30/2023 07:26	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
								Certifications: NELAC-NY12058	03/30/2023 07:26	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
								Certifications: NELAC-NY12058	03/30/2023 07:26	
151772-58-6	Perfluoro-3,6-dioxiheptanoic acid (NFDHA)	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
								Certifications: NELAC-NY12058	03/30/2023 07:26	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
								Certifications: NELAC-NY12058	03/30/2023 07:26	
	<b>Surrogate Recoveries</b>	<b>Result</b>		<b>Acceptance Range</b>						
	Surrogate: MPFDoA	95.4 %		50-200						
	Surrogate: MPFBA	92.2 %		50-200						
	Surrogate: M9PFNA	103 %		50-200						
	Surrogate: M8PFOS	96.0 %		50-200						
	Surrogate: M8PFOA	87.0 %		50-200						
	Surrogate: M7PFUdA	101 %		50-200						



### Sample Information

**Client Sample ID:** Well 2-2 **York Sample ID:** 23C1254-11

**York Project (SDG) No.:** 23C1254 **Client Project ID:** PFAS & 1,4 Dioxane 3/21/23 **Matrix:** Drinking Water **Collection Date/Time:** March 21, 2023 8:45 am **Date Received:** 03/22/2023

**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/Anal	Analyst
				MCL						
	Surrogate: M6PFDA	99.0 %		50-200						
	Surrogate: M5PFPeA	91.6 %		50-200						
	Surrogate: M5PFHxA	81.0 %		50-200						
	Surrogate: M4PFHpA	97.0 %		50-200						
	Surrogate: M3PFHxS	82.1 %		50-200						
	Surrogate: M3PFBS	77.4 %		50-200						
	Surrogate: M3HFPO-DA	89.5 %		50-200						
	Surrogate: M2-8:2 FTS	151 %		50-200						
	Surrogate: M2-6:2 FTS	136 %		50-200						
	Surrogate: M2-4:2 FTS	110 %		50-200						

**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/Anal	Analyst
				MCL						
72629-94-8	Perfluorotridecanoic acid (PFTTrDA)	ND		-		ng/L	0.926	EPA 537.1 Certifications: NELAC-NY12058	03/23/2023 13:46 03/28/2023 04:52	ESJ
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		-		ng/L	0.926	EPA 537.1 Certifications: NELAC-NY12058	03/23/2023 13:46 03/28/2023 04:52	ESJ
2355-31-9	N-MeFOSAA	ND		-		ng/L	0.926	EPA 537.1 Certifications: NELAC-NY12058	03/23/2023 13:46 03/28/2023 04:52	ESJ
2991-50-6	N-EtFOSAA	ND		-		ng/L	0.926	EPA 537.1 Certifications: NELAC-NY12058	03/23/2023 13:46 03/28/2023 04:52	ESJ
	<b>Surrogate Recoveries</b>	<b>Result</b>		<b>Acceptance Range</b>						
	Surrogate: d5-N-EtFOSAA	84.2 %		70-130						
	Surrogate: MPFDA	89.6 %		70-130						
	Surrogate: MPFHxA	81.1 %		70-130						
	Surrogate: M3HFPO-DA	77.3 %		70-130						

### Sample Information

**Client Sample ID:** Well 2-2 Field Blank **York Sample ID:** 23C1254-12

**York Project (SDG) No.:** 23C1254 **Client Project ID:** PFAS & 1,4 Dioxane 3/21/23 **Matrix:** Drinking Water **Collection Date/Time:** March 21, 2023 8:45 am **Date Received:** 03/22/2023

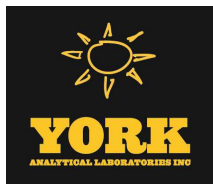
**PFAS, EPA 533 Target List**

**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/Anal	Analyst
				MCL						
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:** Well 2-2 Field Blank

**York Sample ID:** 23C1254-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23C1254

PFAS & 1,4 Dioxane 3/21/23

Drinking Water

March 21, 2023 8:45 am

03/22/2023

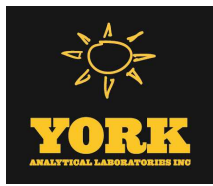
**PFAS, EPA 533 Target List**

**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/Anal	Analyst
				MCL						
919005-14-4	ADONA	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
								Certifications: NELAC-NY12058	03/30/2023 16:03	
756426-58-1	9CL-PF3ONS	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
								Certifications: NELAC-NY12058	03/30/2023 16:03	
763051-92-9	11CL-PF3OUdS	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
								Certifications: NELAC-NY12058	03/30/2023 16:03	
13252-13-6	HFPO-DA (Gen-X)	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
								Certifications: NELAC-NY12058	03/30/2023 16:03	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
								Certifications: NELAC-NY12058	03/30/2023 16:03	
335-76-2	Perfluorodecanoic acid (PFDA)	ND		10		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
								Certifications: NELAC-NY12058	03/30/2023 16:03	
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
								Certifications: NELAC-NY12058	03/30/2023 16:03	
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		10		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
								Certifications: NELAC-NY12058	03/30/2023 16:03	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		10		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
								Certifications: NELAC-NY12058	03/30/2023 16:03	
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
								Certifications: NELAC-NY12058	03/30/2023 16:03	
375-95-1	Perfluorononanoic acid (PFNA)	ND		10		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
								Certifications: NELAC-NY12058	03/30/2023 16:03	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		10		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
								Certifications: NELAC-NY12058	03/30/2023 16:03	
335-67-1	Perfluorooctanoic acid (PFOA)	ND		10		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
								Certifications: NELAC-NY12058	03/30/2023 16:03	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
								Certifications: NELAC-NY12058	03/30/2023 16:03	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
								Certifications: NELAC-NY12058	03/30/2023 16:03	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
								Certifications: NELAC-NY12058	03/30/2023 16:03	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
								Certifications: NELAC-NY12058	03/30/2023 16:03	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		-		ng/L	1.72	EPA 533	03/28/2023 10:31	ESJ
								Certifications: NELAC-NY12058	03/30/2023 16:03	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		-		ng/L	1.72	EPA 533	03/28/2023 10:31	ESJ
								Certifications: NELAC-NY12058	03/30/2023 16:03	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
								Certifications: NELAC-NY12058	03/30/2023 16:03	
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
								Certifications: NELAC-NY12058	03/30/2023 16:03	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
								Certifications: NELAC-NY12058	03/30/2023 16:03	



### Sample Information

**Client Sample ID:** Well 2-2 Field Blank

**York Sample ID:** 23C1254-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23C1254

PFAS & 1,4 Dioxane 3/21/23

Drinking Water

March 21, 2023 8:45 am

03/22/2023

**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/Anal	Analyst
				MCL						
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 16:03	
151772-58-6	Perfluoro-3,6-dioxahexanoic acid (NFDHA)	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 16:03	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		-		ng/L	0.862	EPA 533	03/28/2023 10:31	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 16:03	
	<b>Surrogate Recoveries</b>	<b>Result</b>		<b>Acceptance Range</b>						
	Surrogate: MPFDoA	89.1 %		50-200						
	Surrogate: MPFBA	94.9 %		50-200						
	Surrogate: M9PFNA	108 %		50-200						
	Surrogate: M8PFOS	99.1 %		50-200						
	Surrogate: M8PFOA	88.0 %		50-200						
	Surrogate: M7PFUdA	96.9 %		50-200						
	Surrogate: M6PFDA	108 %		50-200						
	Surrogate: M5PFPeA	95.9 %		50-200						
	Surrogate: M5PFHxA	92.7 %		50-200						
	Surrogate: M4PFHpA	100 %		50-200						
	Surrogate: M3PFHxS	91.3 %		50-200						
	Surrogate: M3PFBS	95.6 %		50-200						
	Surrogate: M3HFPO-DA	88.4 %		50-200						
	Surrogate: M2-8:2 FTS	148 %		50-200						
	Surrogate: M2-6:2 FTS	125 %		50-200						
	Surrogate: M2-4:2 FTS	113 %		50-200						

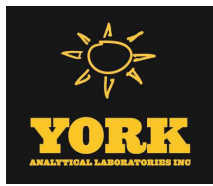
**PFAS, EPA 537.1 UCMR5 List**

**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/Anal	Analyst
				MCL						
72629-94-8	Perfluorotridecanoic acid (PFTTrDA)	ND		-		ng/L	0.893	EPA 537.1	03/24/2023 11:50	ESJ
							Certifications:	NELAC-NY12058	03/27/2023 19:57	
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		-		ng/L	0.893	EPA 537.1	03/24/2023 11:50	ESJ
							Certifications:	NELAC-NY12058	03/27/2023 19:57	
2355-31-9	N-MeFOSAA	ND		-		ng/L	0.893	EPA 537.1	03/24/2023 11:50	ESJ
							Certifications:	NELAC-NY12058	03/27/2023 19:57	
2991-50-6	N-EtFOSAA	ND		-		ng/L	0.893	EPA 537.1	03/24/2023 11:50	ESJ
							Certifications:	NELAC-NY12058	03/27/2023 19:57	
	<b>Surrogate Recoveries</b>	<b>Result</b>		<b>Acceptance Range</b>						
	Surrogate: d5-N-EtFOSAA	94.9 %		70-130						
	Surrogate: MPFDA	85.5 %		70-130						
	Surrogate: MPFHxA	69.1 %	PFSL	70-130						



### Sample Information

**Client Sample ID:** Well 2-2 Field Blank

**York Sample ID:** 23C1254-12

<u>York Project (SDG) No.</u> 23C1254	<u>Client Project ID</u> PFAS & 1,4 Dioxane 3/21/23	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> March 21, 2023 8:45 am	<u>Date Received</u> 03/22/2023
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**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/Anal	Analyst
				MCL						
	Surrogate: M3HFPO-DA	69.5 %	PFSL	70-130						

### Sample Information

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

**York Sample ID:** 23C1254-13

<u>York Project (SDG) No.</u> 23C1254	<u>Client Project ID</u> PFAS & 1,4 Dioxane 3/21/23	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> March 21, 2023 9:35 am	<u>Date Received</u> 03/22/2023
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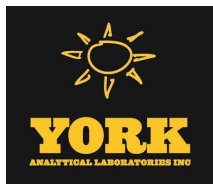
**PFAS, EPA 533 Target List**

**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/Anal	Analyst
				MCL						
919005-14-4	ADONA	ND		-		ng/L	0.962	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 18:57	
756426-58-1	9CL-PF3ONS	ND		-		ng/L	0.962	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 18:57	
763051-92-9	11CL-PF3OUdS	ND		-		ng/L	0.962	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 18:57	
13252-13-6	HFPO-DA (Gen-X)	ND		-		ng/L	0.962	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 18:57	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		-		ng/L	0.962	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 18:57	
335-76-2	Perfluorodecanoic acid (PFDA)	ND		10		ng/L	0.962	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 18:57	
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		-		ng/L	0.962	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 18:57	
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		10		ng/L	0.962	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 18:57	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		10		ng/L	0.962	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 18:57	
307-24-4	<b>Perfluorohexanoic acid (PFHxA)</b>	<b>1.14</b>		-		ng/L	0.962	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 18:57	
375-95-1	Perfluorononanoic acid (PFNA)	ND		10		ng/L	0.962	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 18:57	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		10		ng/L	0.962	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 18:57	
335-67-1	Perfluorooctanoic acid (PFOA)	ND		10		ng/L	0.962	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 18:57	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		-		ng/L	0.962	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 18:57	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		-		ng/L	0.962	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 18:57	



### Sample Information

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

**York Sample ID:** 23C1254-13

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23C1254

PFAS & 1,4 Dioxane 3/21/23

Drinking Water

March 21, 2023 9:35 am

03/22/2023

**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/Anal	Analyst
				MCL						
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		-		ng/L	0.962	EPA 533	03/29/2023 12:51	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 18:57	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		-		ng/L	0.962	EPA 533	03/29/2023 12:51	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 18:57	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		-		ng/L	1.92	EPA 533	03/29/2023 12:51	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 18:57	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		-		ng/L	1.92	EPA 533	03/29/2023 12:51	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 18:57	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		-		ng/L	0.962	EPA 533	03/29/2023 12:51	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 18:57	
2706-90-3	<b>Perfluoropentanoic acid (PFPeA)</b>	<b>1.73</b>		-		ng/L	0.962	EPA 533	03/29/2023 12:51	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 18:57	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		-		ng/L	0.962	EPA 533	03/29/2023 12:51	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 18:57	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		-		ng/L	0.962	EPA 533	03/29/2023 12:51	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 18:57	
151772-58-6	Perfluoro-3,6-dioxahexanoic acid (NFDHA)	ND		-		ng/L	0.962	EPA 533	03/29/2023 12:51	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 18:57	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND		-		ng/L	0.962	EPA 533	03/29/2023 12:51	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 18:57	

**Surrogate Recoveries**

**Result**

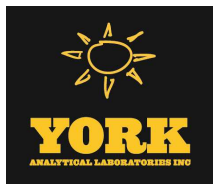
**Acceptance Range**

Surrogate: MPFDoA	110 %	50-200
Surrogate: MPFBA	120 %	50-200
Surrogate: M9PFNA	127 %	50-200
Surrogate: M8PFOS	120 %	50-200
Surrogate: M8PFOA	122 %	50-200
Surrogate: M7PFUdA	116 %	50-200
Surrogate: M6PFDA	118 %	50-200
Surrogate: M5PFPeA	115 %	50-200
Surrogate: M5PFHxA	107 %	50-200
Surrogate: M4PFHpA	131 %	50-200
Surrogate: M3PFHxS	112 %	50-200
Surrogate: M3PFBS	111 %	50-200
Surrogate: M3HFPO-DA	117 %	50-200
Surrogate: M2-8:2 FTS	143 %	50-200
Surrogate: M2-6:2 FTS	178 %	50-200
Surrogate: M2-4:2 FTS	165 %	50-200

**PFAS, EPA 537.1 UCMR5 List**

**Log-in Notes:**

**Sample Notes:**



### Sample Information

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

**York Sample ID:** 23C1254-13

<u>York Project (SDG) No.</u> 23C1254	<u>Client Project ID</u> PFAS & 1,4 Dioxane 3/21/23	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> March 21, 2023 9:35 am	<u>Date Received</u> 03/22/2023
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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/Anal	Analyst
				MCL						
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		-		ng/L	0.893	EPA 537.1	03/24/2023 11:50	ESJ
							Certifications:	NELAC-NY12058	03/27/2023 20:11	
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		-		ng/L	0.893	EPA 537.1	03/24/2023 11:50	ESJ
							Certifications:	NELAC-NY12058	03/27/2023 20:11	
2355-31-9	N-MeFOSAA	ND		-		ng/L	0.893	EPA 537.1	03/24/2023 11:50	ESJ
							Certifications:	NELAC-NY12058	03/27/2023 20:11	
2991-50-6	N-EtFOSAA	ND		-		ng/L	0.893	EPA 537.1	03/24/2023 11:50	ESJ
							Certifications:	NELAC-NY12058	03/27/2023 20:11	

Surrogate Recoveries	Result	Acceptance Range
Surrogate: <i>d5-N-EtFOSAA</i>	96.4 %	70-130
Surrogate: <i>MPFDA</i>	83.0 %	70-130
Surrogate: <i>MPFHxA</i>	73.1 %	70-130
Surrogate: <i>M3HFPO-DA</i>	68.4 %	70-130

### Sample Information

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

**York Sample ID:** 23C1254-14

<u>York Project (SDG) No.</u> 23C1254	<u>Client Project ID</u> PFAS & 1,4 Dioxane 3/21/23	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> March 21, 2023 9:35 am	<u>Date Received</u> 03/22/2023
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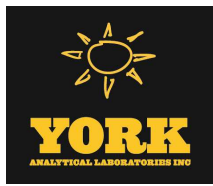
### PFAS, EPA 533 Target List

### 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/Anal	Analyst
				MCL						
919005-14-4	ADONA	ND		-		ng/L	1.00	EPA 533	03/29/2023 12:51	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 19:10	
756426-58-1	9CL-PF3ONS	ND		-		ng/L	1.00	EPA 533	03/29/2023 12:51	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 19:10	
763051-92-9	11CL-PF3OUdS	ND		-		ng/L	1.00	EPA 533	03/29/2023 12:51	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 19:10	
13252-13-6	HFPO-DA (Gen-X)	ND		-		ng/L	1.00	EPA 533	03/29/2023 12:51	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 19:10	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		-		ng/L	1.00	EPA 533	03/29/2023 12:51	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 19:10	
335-76-2	Perfluorodecanoic acid (PFDA)	ND		10		ng/L	1.00	EPA 533	03/29/2023 12:51	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 19:10	
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		-		ng/L	1.00	EPA 533	03/29/2023 12:51	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 19:10	
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		10		ng/L	1.00	EPA 533	03/29/2023 12:51	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 19:10	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		10		ng/L	1.00	EPA 533	03/29/2023 12:51	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 19:10	



### Sample Information

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

**York Sample ID:** 23C1254-14

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23C1254

PFAS & 1,4 Dioxane 3/21/23

Drinking Water

March 21, 2023 9:35 am

03/22/2023

**PFAS, EPA 533 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 533

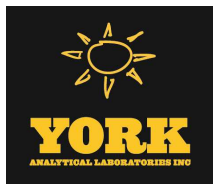
CAS No.	Parameter	Result	Flag	Maximum Contaminant Level		Units	Reported to LOQ	Reference Method	Date/Time Prep/Anal	Analyst
				MCL						
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		-		ng/L	1.00	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 19:10	
375-95-1	Perfluorononanoic acid (PFNA)	ND		10		ng/L	1.00	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 19:10	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		10		ng/L	1.00	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 19:10	
335-67-1	Perfluorooctanoic acid (PFOA)	ND		10		ng/L	1.00	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 19:10	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		-		ng/L	1.00	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 19:10	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		-		ng/L	1.00	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 19:10	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		-		ng/L	1.00	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 19:10	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		-		ng/L	1.00	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 19:10	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		-		ng/L	2.00	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 19:10	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		-		ng/L	2.00	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 19:10	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		-		ng/L	1.00	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 19:10	
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		-		ng/L	1.00	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 19:10	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		-		ng/L	1.00	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 19:10	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		-		ng/L	1.00	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 19:10	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		-		ng/L	1.00	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 19:10	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		-		ng/L	1.00	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 19:10	

**Surrogate Recoveries**

**Result**

**Acceptance Range**

Surrogate: MPFDoA	96.6 %	50-200
Surrogate: MPFBA	110 %	50-200
Surrogate: M9PFNA	115 %	50-200
Surrogate: M8PFOS	108 %	50-200
Surrogate: M8PFOA	107 %	50-200
Surrogate: M7PFUdA	101 %	50-200
Surrogate: M6PFDA	108 %	50-200
Surrogate: M5PFPeA	112 %	50-200
Surrogate: M5PFHxA	102 %	50-200



### Sample Information

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

**York Sample ID:** 23C1254-14

<u>York Project (SDG) No.</u> 23C1254	<u>Client Project ID</u> PFAS & 1,4 Dioxane 3/21/23	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> March 21, 2023 9:35 am	<u>Date Received</u> 03/22/2023
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**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 Prep/Anal	Analyst
				MCL	Units				
	Surrogate: M4PFHpA	122 %		50-200					
	Surrogate: M3PFHxS	106 %		50-200					
	Surrogate: M3PFBS	110 %		50-200					
	Surrogate: M3HFPO-DA	110 %		50-200					
	Surrogate: M2-8:2 FTS	141 %		50-200					
	Surrogate: M2-6:2 FTS	165 %		50-200					
	Surrogate: M2-4:2 FTS	132 %		50-200					

**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		Reported to LOQ	Reference Method	Date/Time Prep/Anal	Analyst
				MCL	Units				
72629-94-8	Perfluorotridecanoic acid (PFTTrDA)	ND		-	ng/L	0.893	EPA 537.1 Certifications: NELAC-NY12058	03/24/2023 11:50 03/27/2023 20:38	ESJ
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		-	ng/L	0.893	EPA 537.1 Certifications: NELAC-NY12058	03/24/2023 11:50 03/27/2023 20:38	ESJ
2355-31-9	N-MeFOSAA	ND		-	ng/L	0.893	EPA 537.1 Certifications: NELAC-NY12058	03/24/2023 11:50 03/27/2023 20:38	ESJ
2991-50-6	N-EtFOSAA	ND		-	ng/L	0.893	EPA 537.1 Certifications: NELAC-NY12058	03/24/2023 11:50 03/27/2023 20:38	ESJ
	<b>Surrogate Recoveries</b>	<b>Result</b>		<b>Acceptance Range</b>					
	Surrogate: d5-N-EtFOSAA	99.2 %		70-130					
	Surrogate: MPFDA	92.0 %		70-130					
	Surrogate: MPFHxA	73.4 %		70-130					
	Surrogate: M3HFPO-DA	70.0 %	PFSL	70-130					

### Sample Information

**Client Sample ID:** Well 3-2

**York Sample ID:** 23C1254-15

<u>York Project (SDG) No.</u> 23C1254	<u>Client Project ID</u> PFAS & 1,4 Dioxane 3/21/23	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> March 21, 2023 9:05 am	<u>Date Received</u> 03/22/2023
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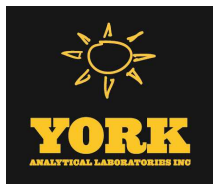
**PFAS, EPA 533 Target List**

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 Prep/Anal	Analyst
				MCL	Units				
919005-14-4	ADONA	ND		-	ng/L	0.962	EPA 533 Certifications: NELAC-NY12058	03/29/2023 12:51 03/30/2023 19:23	ESJ



### Sample Information

**Client Sample ID:** Well 3-2

**York Sample ID:** 23C1254-15

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23C1254

PFAS & 1,4 Dioxane 3/21/23

Drinking Water

March 21, 2023 9:05 am

03/22/2023

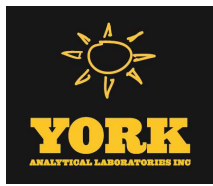
**PFAS, EPA 533 Target List**

**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/Anal	Analyst
				MCL						
756426-58-1	9CL-PF3ONS	ND		-		ng/L	0.962	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 19:23	
763051-92-9	11CL-PF3OUdS	ND		-		ng/L	0.962	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 19:23	
13252-13-6	HFPO-DA (Gen-X)	ND		-		ng/L	0.962	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 19:23	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		-		ng/L	0.962	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 19:23	
335-76-2	Perfluorodecanoic acid (PFDA)	ND		10		ng/L	0.962	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 19:23	
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		-		ng/L	0.962	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 19:23	
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		10		ng/L	0.962	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 19:23	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		10		ng/L	0.962	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 19:23	
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		-		ng/L	0.962	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 19:23	
375-95-1	<b>Perfluorononanoic acid (PFNA)</b>	<b>3.83</b>		10		ng/L	0.962	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 19:23	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		10		ng/L	0.962	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 19:23	
335-67-1	Perfluorooctanoic acid (PFOA)	ND		10		ng/L	0.962	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 19:23	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		-		ng/L	0.962	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 19:23	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		-		ng/L	0.962	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 19:23	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		-		ng/L	0.962	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 19:23	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		-		ng/L	0.962	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 19:23	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		-		ng/L	1.92	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 19:23	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		-		ng/L	1.92	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 19:23	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		-		ng/L	0.962	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 19:23	
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		-		ng/L	0.962	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 19:23	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		-		ng/L	0.962	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 19:23	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		-		ng/L	0.962	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 19:23	



### Sample Information

**Client Sample ID:** Well 3-2

**York Sample ID:** 23C1254-15

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

23C1254

PFAS & 1,4 Dioxane 3/21/23

Drinking Water

March 21, 2023 9:05 am

03/22/2023

**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/Anal	Analyst
				MCL						
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		-		ng/L	0.962	EPA 533	03/29/2023 12:51	ESJ
							Certifications: NELAC-NY12058		03/30/2023 19:23	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		-		ng/L	0.962	EPA 533	03/29/2023 12:51	ESJ
							Certifications: NELAC-NY12058		03/30/2023 19:23	
<b>Surrogate Recoveries</b>		<b>Result</b>		<b>Acceptance Range</b>						
	Surrogate: MPFDoA	94.9 %		50-200						
	Surrogate: MPFBA	99.3 %		50-200						
	Surrogate: M9PFNA	108 %		50-200						
	Surrogate: M8PFOS	100 %		50-200						
	Surrogate: M8PFOA	97.5 %		50-200						
	Surrogate: M7PFUdA	97.1 %		50-200						
	Surrogate: M6PFDA	97.4 %		50-200						
	Surrogate: M5PFPeA	98.2 %		50-200						
	Surrogate: M5PFHxA	95.5 %		50-200						
	Surrogate: M4PFHpA	104 %		50-200						
	Surrogate: M3PFHxS	100 %		50-200						
	Surrogate: M3PFBS	95.8 %		50-200						
	Surrogate: M3HFPO-DA	93.3 %		50-200						
	Surrogate: M2-8:2 FTS	126 %		50-200						
	Surrogate: M2-6:2 FTS	135 %		50-200						
	Surrogate: M2-4:2 FTS	131 %		50-200						

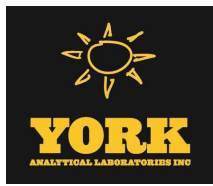
**PFAS, EPA 537.1 UCMR5 List**

**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/Anal	Analyst
				MCL						
72629-94-8	Perfluorotridecanoic acid (PFTTrDA)	ND		-		ng/L	0.862	EPA 537.1	03/24/2023 11:50	ESJ
							Certifications: NELAC-NY12058		03/27/2023 20:52	
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		-		ng/L	0.862	EPA 537.1	03/24/2023 11:50	ESJ
							Certifications: NELAC-NY12058		03/27/2023 20:52	
2355-31-9	N-MeFOSAA	ND		-		ng/L	0.862	EPA 537.1	03/24/2023 11:50	ESJ
							Certifications: NELAC-NY12058		03/27/2023 20:52	
2991-50-6	N-EtFOSAA	ND		-		ng/L	0.862	EPA 537.1	03/24/2023 11:50	ESJ
							Certifications: NELAC-NY12058		03/27/2023 20:52	
<b>Surrogate Recoveries</b>		<b>Result</b>		<b>Acceptance Range</b>						
	Surrogate: d5-N-EtFOSAA	68.4 %	PFSL	70-130						
	Surrogate: MPFDA	63.6 %	PFSL	70-130						
	Surrogate: MPFHxA	68.1 %	PFSL	70-130						
	Surrogate: M3HFPO-DA	67.4 %	PFSL	70-130						



### Sample Information

**Client Sample ID:** Well 3-2 Field Blank

**York Sample ID:** 23C1254-16

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23C1254

PFAS & 1,4 Dioxane 3/21/23

Drinking Water

March 21, 2023 9:05 am

03/22/2023

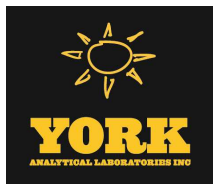
**PFAS, EPA 533 Target List**

**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/Anal	Analyst
				MCL						
919005-14-4	ADONA	ND		-		ng/L	0.962	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 19:36	
756426-58-1	9CL-PF3ONS	ND		-		ng/L	0.962	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 19:36	
763051-92-9	11CL-PF3OUdS	ND		-		ng/L	0.962	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 19:36	
13252-13-6	HFPO-DA (Gen-X)	ND		-		ng/L	0.962	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 19:36	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		-		ng/L	0.962	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 19:36	
335-76-2	Perfluorodecanoic acid (PFDA)	ND		10		ng/L	0.962	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 19:36	
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		-		ng/L	0.962	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 19:36	
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		10		ng/L	0.962	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 19:36	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		10		ng/L	0.962	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 19:36	
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		-		ng/L	0.962	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 19:36	
375-95-1	Perfluorononanoic acid (PFNA)	ND		10		ng/L	0.962	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 19:36	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		10		ng/L	0.962	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 19:36	
335-67-1	Perfluorooctanoic acid (PFOA)	ND		10		ng/L	0.962	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 19:36	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		-		ng/L	0.962	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 19:36	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		-		ng/L	0.962	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 19:36	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		-		ng/L	0.962	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 19:36	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		-		ng/L	0.962	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 19:36	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		-		ng/L	1.92	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 19:36	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		-		ng/L	1.92	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 19:36	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		-		ng/L	0.962	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 19:36	
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		-		ng/L	0.962	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 19:36	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		-		ng/L	0.962	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 19:36	



### Sample Information

**Client Sample ID:** Well 3-2 Field Blank

**York Sample ID:** 23C1254-16

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23C1254

PFAS & 1,4 Dioxane 3/21/23

Drinking Water

March 21, 2023 9:05 am

03/22/2023

**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/Anal	Analyst
				MCL						
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		-		ng/L	0.962	EPA 533	03/29/2023 12:51	ESJ
							Certifications: NELAC-NY12058		03/30/2023 19:36	
151772-58-6	Perfluoro-3,6-dioxahexanoic acid (NFDHA)	ND		-		ng/L	0.962	EPA 533	03/29/2023 12:51	ESJ
							Certifications: NELAC-NY12058		03/30/2023 19:36	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		-		ng/L	0.962	EPA 533	03/29/2023 12:51	ESJ
							Certifications: NELAC-NY12058		03/30/2023 19:36	
	<b>Surrogate Recoveries</b>	<b>Result</b>		<b>Acceptance Range</b>						
	Surrogate: MPFDoA	46.4 %	PFSu-L	50-200						
	Surrogate: MPFBA	94.1 %		50-200						
	Surrogate: M9PFNA	103 %		50-200						
	Surrogate: M8PFOS	90.1 %		50-200						
	Surrogate: M8PFOA	90.2 %		50-200						
	Surrogate: M7PFUdA	66.3 %		50-200						
	Surrogate: M6PFDA	86.0 %		50-200						
	Surrogate: M5PFPeA	92.8 %		50-200						
	Surrogate: M5PFHxA	85.4 %		50-200						
	Surrogate: M4PFHpA	99.5 %		50-200						
	Surrogate: M3PFHxS	84.9 %		50-200						
	Surrogate: M3PFBS	87.5 %		50-200						
	Surrogate: M3HFPO-DA	86.1 %		50-200						
	Surrogate: M2-8:2 FTS	120 %		50-200						
	Surrogate: M2-6:2 FTS	136 %		50-200						
	Surrogate: M2-4:2 FTS	112 %		50-200						

**PFAS, EPA 537.1 UCMR5 List**

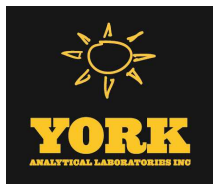
**Log-in Notes:**

**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/Anal	Analyst
				MCL						
72629-94-8	Perfluorotridecanoic acid (PFTTrDA)	ND		-		ng/L	0.893	EPA 537.1	03/24/2023 11:50	ESJ
							Certifications: NELAC-NY12058		03/27/2023 21:05	
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		-		ng/L	0.893	EPA 537.1	03/24/2023 11:50	ESJ
							Certifications: NELAC-NY12058		03/27/2023 21:05	
2355-31-9	N-MeFOSAA	ND		-		ng/L	0.893	EPA 537.1	03/24/2023 11:50	ESJ
							Certifications: NELAC-NY12058		03/27/2023 21:05	
2991-50-6	N-EtFOSAA	ND		-		ng/L	0.893	EPA 537.1	03/24/2023 11:50	ESJ
							Certifications: NELAC-NY12058		03/27/2023 21:05	
	<b>Surrogate Recoveries</b>	<b>Result</b>		<b>Acceptance Range</b>						
	Surrogate: d5-N-EtFOSAA	117 %		70-130						
	Surrogate: MPFDA	93.7 %		70-130						
	Surrogate: MPFHxA	77.1 %		70-130						





### Sample Information

**Client Sample ID:** Well 3-2 Field Blank

**York Sample ID:** 23C1254-16

<u>York Project (SDG) No.</u> 23C1254	<u>Client Project ID</u> PFAS & 1,4 Dioxane 3/21/23	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> March 21, 2023 9:05 am	<u>Date Received</u> 03/22/2023
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**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/Anal	Analyst
				MCL						
	Surrogate: M3HFPO-DA	76.6 %		70-130						

### Sample Information

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

**York Sample ID:** 23C1254-17

<u>York Project (SDG) No.</u> 23C1254	<u>Client Project ID</u> PFAS & 1,4 Dioxane 3/21/23	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> March 21, 2023 9:20 am	<u>Date Received</u> 03/22/2023
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**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/Anal	Analyst
				MCL						
919005-14-4	ADONA	ND		-		ng/L	0.962	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 19:49	
756426-58-1	9CL-PF3ONS	ND		-		ng/L	0.962	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 19:49	
763051-92-9	11CL-PF3OUdS	ND		-		ng/L	0.962	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 19:49	
13252-13-6	HFPO-DA (Gen-X)	ND		-		ng/L	0.962	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 19:49	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		-		ng/L	0.962	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 19:49	
335-76-2	Perfluorodecanoic acid (PFDA)	ND		10		ng/L	0.962	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 19:49	
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		-		ng/L	0.962	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 19:49	
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		10		ng/L	0.962	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 19:49	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		10		ng/L	0.962	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 19:49	
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		-		ng/L	0.962	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 19:49	
375-95-1	Perfluorononanoic acid (PFNA)	ND		10		ng/L	0.962	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 19:49	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		10		ng/L	0.962	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 19:49	
335-67-1	Perfluorooctanoic acid (PFOA)	ND		10		ng/L	0.962	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 19:49	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		-		ng/L	0.962	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 19:49	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		-		ng/L	0.962	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 19:49	



### Sample Information

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

**York Sample ID:** 23C1254-17

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23C1254

PFAS & 1,4 Dioxane 3/21/23

Drinking Water

March 21, 2023 9:20 am

03/22/2023

**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/Anal	Analyst
				MCL						
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		-		ng/L	0.962	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 19:49	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		-		ng/L	0.962	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 19:49	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		-		ng/L	1.92	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 19:49	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		-		ng/L	1.92	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 19:49	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		-		ng/L	0.962	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 19:49	
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		-		ng/L	0.962	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 19:49	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		-		ng/L	0.962	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 19:49	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		-		ng/L	0.962	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 19:49	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		-		ng/L	0.962	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 19:49	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		-		ng/L	0.962	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 19:49	

**Surrogate Recoveries**

**Result**

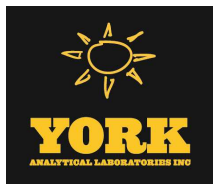
**Acceptance Range**

Surrogate: MPFDoA	88.1 %	50-200
Surrogate: MPFBA	94.2 %	50-200
Surrogate: M9PFNA	105 %	50-200
Surrogate: M8PFOS	95.7 %	50-200
Surrogate: M8PFOA	91.1 %	50-200
Surrogate: M7PFUdA	89.5 %	50-200
Surrogate: M6PFDA	97.0 %	50-200
Surrogate: M5PFPeA	92.5 %	50-200
Surrogate: M5PFHxA	83.1 %	50-200
Surrogate: M4PFHpA	96.2 %	50-200
Surrogate: M3PFHxS	86.2 %	50-200
Surrogate: M3PFBS	86.2 %	50-200
Surrogate: M3HFPO-DA	105 %	50-200
Surrogate: M2-8:2 FTS	117 %	50-200
Surrogate: M2-6:2 FTS	129 %	50-200
Surrogate: M2-4:2 FTS	114 %	50-200

**PFAS, EPA 537.1 UCMR5 List**

**Log-in Notes:**

**Sample Notes:**



### Sample Information

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

**York Sample ID:** 23C1254-17

<u>York Project (SDG) No.</u> 23C1254	<u>Client Project ID</u> PFAS & 1,4 Dioxane 3/21/23	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> March 21, 2023 9:20 am	<u>Date Received</u> 03/22/2023
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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/Anal	Analyst
				MCL						
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		-		ng/L	0.862	EPA 537.1	03/24/2023 11:50	ESJ
							Certifications:	NELAC-NY12058	03/27/2023 21:19	
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		-		ng/L	0.862	EPA 537.1	03/24/2023 11:50	ESJ
							Certifications:	NELAC-NY12058	03/27/2023 21:19	
2355-31-9	N-MeFOSAA	ND		-		ng/L	0.862	EPA 537.1	03/24/2023 11:50	ESJ
							Certifications:	NELAC-NY12058	03/27/2023 21:19	
2991-50-6	N-EtFOSAA	ND		-		ng/L	0.862	EPA 537.1	03/24/2023 11:50	ESJ
							Certifications:	NELAC-NY12058	03/27/2023 21:19	

**Surrogate Recoveries**

Surrogate	Result	Acceptance Range
Surrogate: d5-N-EtFOSAA	106 %	70-130
Surrogate: MPFDA	86.5 %	70-130
Surrogate: MPFHxA	79.1 %	70-130
Surrogate: M3HFPO-DA	75.9 %	70-130

### Sample Information

**Client Sample ID:** Well 3-3 Field Blank

**York Sample ID:** 23C1254-18

<u>York Project (SDG) No.</u> 23C1254	<u>Client Project ID</u> PFAS & 1,4 Dioxane 3/21/23	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> March 21, 2023 9:20 am	<u>Date Received</u> 03/22/2023
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**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/Anal	Analyst
				MCL						
919005-14-4	ADONA	ND		-		ng/L	1.00	EPA 533	03/29/2023 12:51	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 20:02	
756426-58-1	9CL-PF3ONS	ND		-		ng/L	1.00	EPA 533	03/29/2023 12:51	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 20:02	
763051-92-9	11CL-PF3OUdS	ND		-		ng/L	1.00	EPA 533	03/29/2023 12:51	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 20:02	
13252-13-6	HFPO-DA (Gen-X)	ND		-		ng/L	1.00	EPA 533	03/29/2023 12:51	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 20:02	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		-		ng/L	1.00	EPA 533	03/29/2023 12:51	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 20:02	
335-76-2	Perfluorodecanoic acid (PFDA)	ND		10		ng/L	1.00	EPA 533	03/29/2023 12:51	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 20:02	
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		-		ng/L	1.00	EPA 533	03/29/2023 12:51	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 20:02	
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		10		ng/L	1.00	EPA 533	03/29/2023 12:51	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 20:02	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		10		ng/L	1.00	EPA 533	03/29/2023 12:51	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 20:02	



### Sample Information

**Client Sample ID:** Well 3-3 Field Blank

**York Sample ID:** 23C1254-18

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23C1254

PFAS & 1,4 Dioxane 3/21/23

Drinking Water

March 21, 2023 9:20 am

03/22/2023

**PFAS, EPA 533 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 533

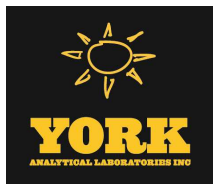
CAS No.	Parameter	Result	Flag	Maximum Contaminant Level		Units	Reported to LOQ	Reference Method	Date/Time Prep/Anal	Analyst
				MCL						
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		-		ng/L	1.00	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 20:02	
375-95-1	Perfluorononanoic acid (PFNA)	ND		10		ng/L	1.00	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 20:02	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		10		ng/L	1.00	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 20:02	
335-67-1	Perfluorooctanoic acid (PFOA)	ND		10		ng/L	1.00	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 20:02	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		-		ng/L	1.00	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 20:02	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		-		ng/L	1.00	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 20:02	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		-		ng/L	1.00	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 20:02	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		-		ng/L	1.00	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 20:02	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		-		ng/L	2.00	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 20:02	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		-		ng/L	2.00	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 20:02	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		-		ng/L	1.00	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 20:02	
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		-		ng/L	1.00	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 20:02	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		-		ng/L	1.00	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 20:02	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		-		ng/L	1.00	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 20:02	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		-		ng/L	1.00	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 20:02	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		-		ng/L	1.00	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 20:02	

**Surrogate Recoveries**

**Result**

**Acceptance Range**

Surrogate: MPFDoA	101 %	50-200
Surrogate: MPFBA	105 %	50-200
Surrogate: M9PFNA	113 %	50-200
Surrogate: M8PFOS	106 %	50-200
Surrogate: M8PFOA	106 %	50-200
Surrogate: M7PFUdA	101 %	50-200
Surrogate: M6PFDA	103 %	50-200
Surrogate: M5PFPeA	108 %	50-200
Surrogate: M5PFHxA	94.0 %	50-200



### Sample Information

**Client Sample ID:** Well 3-3 Field Blank

**York Sample ID:** 23C1254-18

<u>York Project (SDG) No.</u> 23C1254	<u>Client Project ID</u> PFAS & 1,4 Dioxane 3/21/23	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> March 21, 2023 9:20 am	<u>Date Received</u> 03/22/2023
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**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/Anal	Analyst
				MCL						
	Surrogate: M4PFHpA	112 %		50-200						
	Surrogate: M3PFHxS	92.0 %		50-200						
	Surrogate: M3PFBS	96.1 %		50-200						
	Surrogate: M3HFPO-DA	106 %		50-200						
	Surrogate: M2-8:2 FTS	134 %		50-200						
	Surrogate: M2-6:2 FTS	148 %		50-200						
	Surrogate: M2-4:2 FTS	115 %		50-200						

**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/Anal	Analyst
				MCL						
72629-94-8	Perfluorotridecanoic acid (PFTTrDA)	ND		-		ng/L	0.893	EPA 537.1	03/24/2023 11:50	ESJ
							Certifications: NELAC-NY12058		03/27/2023 21:46	
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		-		ng/L	0.893	EPA 537.1	03/24/2023 11:50	ESJ
							Certifications: NELAC-NY12058		03/27/2023 21:46	
2355-31-9	N-MeFOSAA	ND		-		ng/L	0.893	EPA 537.1	03/24/2023 11:50	ESJ
							Certifications: NELAC-NY12058		03/27/2023 21:46	
2991-50-6	N-EtFOSAA	ND		-		ng/L	0.893	EPA 537.1	03/24/2023 11:50	ESJ
							Certifications: NELAC-NY12058		03/27/2023 21:46	
	<b>Surrogate Recoveries</b>	<b>Result</b>		<b>Acceptance Range</b>						
	Surrogate: d5-N-EtFOSAA	112 %		70-130						
	Surrogate: MPFDA	89.1 %		70-130						
	Surrogate: MPFHxA	80.2 %		70-130						
	Surrogate: M3HFPO-DA	77.4 %		70-130						

### Sample Information

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

**York Sample ID:** 23C1254-19

<u>York Project (SDG) No.</u> 23C1254	<u>Client Project ID</u> PFAS & 1,4 Dioxane 3/21/23	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> March 21, 2023 10:30 am	<u>Date Received</u> 03/22/2023
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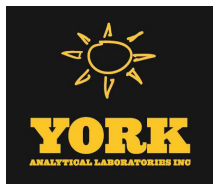
**PFAS, EPA 533 Target List**

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/Anal	Analyst
				MCL						
919005-14-4	ADONA	ND		-		ng/L	0.926	EPA 533	03/29/2023 12:51	ESJ
							Certifications: NELAC-NY12058		03/30/2023 20:28	



### Sample Information

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

**York Sample ID:** 23C1254-19

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23C1254

PFAS & 1,4 Dioxane 3/21/23

Drinking Water

March 21, 2023 10:30 am

03/22/2023

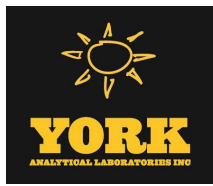
**PFAS, EPA 533 Target List**

**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/Anal	Analyst
				MCL						
756426-58-1	9CL-PF3ONS	ND		-		ng/L	0.926	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 20:28	
763051-92-9	11CL-PF3OUdS	ND		-		ng/L	0.926	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 20:28	
13252-13-6	HFPO-DA (Gen-X)	ND		-		ng/L	0.926	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 20:28	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		-		ng/L	0.926	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 20:28	
335-76-2	Perfluorodecanoic acid (PFDA)	ND		10		ng/L	0.926	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 20:28	
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		-		ng/L	0.926	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 20:28	
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		10		ng/L	0.926	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 20:28	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		10		ng/L	0.926	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 20:28	
307-24-4	<b>Perfluorohexanoic acid (PFHxA)</b>	<b>1.30</b>		-		ng/L	0.926	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 20:28	
375-95-1	Perfluorononanoic acid (PFNA)	ND		10		ng/L	0.926	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 20:28	
1763-23-1	<b>Perfluorooctanesulfonic acid (PFOS)</b>	<b>1.58</b>		10		ng/L	0.926	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 20:28	
335-67-1	<b>Perfluorooctanoic acid (PFOA)</b>	<b>1.55</b>		10		ng/L	0.926	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 20:28	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		-		ng/L	0.926	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 20:28	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		-		ng/L	0.926	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 20:28	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		-		ng/L	0.926	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 20:28	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		-		ng/L	0.926	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 20:28	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		-		ng/L	1.85	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 20:28	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		-		ng/L	1.85	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 20:28	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		-		ng/L	0.926	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 20:28	
2706-90-3	<b>Perfluoropentanoic acid (PFPeA)</b>	<b>1.23</b>		-		ng/L	0.926	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 20:28	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		-		ng/L	0.926	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 20:28	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		-		ng/L	0.926	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 20:28	



### Sample Information

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

**York Sample ID:** 23C1254-19

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

23C1254

PFAS & 1,4 Dioxane 3/21/23

Drinking Water

March 21, 2023 10:30 am

03/22/2023

**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/Anal	Analyst
				MCL						
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		-		ng/L	0.926	EPA 533	03/29/2023 12:51	ESJ
							Certifications: NELAC-NY12058		03/30/2023 20:28	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		-		ng/L	0.926	EPA 533	03/29/2023 12:51	ESJ
							Certifications: NELAC-NY12058		03/30/2023 20:28	
	<b>Surrogate Recoveries</b>	<b>Result</b>		<b>Acceptance Range</b>						
	Surrogate: MPFDoA	95.6 %		50-200						
	Surrogate: MPFBA	102 %		50-200						
	Surrogate: M9PFNA	109 %		50-200						
	Surrogate: M8PFOS	102 %		50-200						
	Surrogate: M8PFOA	93.2 %		50-200						
	Surrogate: M7PFUdA	96.2 %		50-200						
	Surrogate: M6PFDA	100 %		50-200						
	Surrogate: M5PFPeA	98.9 %		50-200						
	Surrogate: M5PFHxA	89.7 %		50-200						
	Surrogate: M4PFHpA	103 %		50-200						
	Surrogate: M3PFHxS	96.3 %		50-200						
	Surrogate: M3PFBS	93.0 %		50-200						
	Surrogate: M3HFPO-DA	99.9 %		50-200						
	Surrogate: M2-8:2 FTS	124 %		50-200						
	Surrogate: M2-6:2 FTS	138 %		50-200						
	Surrogate: M2-4:2 FTS	131 %		50-200						

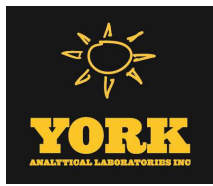
**PFAS, EPA 537.1 UCMR5 List**

**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/Anal	Analyst
				MCL						
72629-94-8	Perfluorotridecanoic acid (PFTTrDA)	ND		-		ng/L	0.893	EPA 537.1	03/24/2023 11:50	ESJ
							Certifications: NELAC-NY12058		03/27/2023 22:00	
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		-		ng/L	0.893	EPA 537.1	03/24/2023 11:50	ESJ
							Certifications: NELAC-NY12058		03/27/2023 22:00	
2355-31-9	N-MeFOSAA	ND		-		ng/L	0.893	EPA 537.1	03/24/2023 11:50	ESJ
							Certifications: NELAC-NY12058		03/27/2023 22:00	
2991-50-6	N-EtFOSAA	ND		-		ng/L	0.893	EPA 537.1	03/24/2023 11:50	ESJ
							Certifications: NELAC-NY12058		03/27/2023 22:00	
	<b>Surrogate Recoveries</b>	<b>Result</b>		<b>Acceptance Range</b>						
	Surrogate: d5-N-EtFOSAA	96.4 %		70-130						
	Surrogate: MPFDA	84.0 %		70-130						
	Surrogate: MPFHxA	75.8 %		70-130						
	Surrogate: M3HFPO-DA	72.6 %		70-130						



### Sample Information

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

**York Sample ID:** 23C1254-20

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23C1254

PFAS & 1,4 Dioxane 3/21/23

Drinking Water

March 21, 2023 10:30 am

03/22/2023

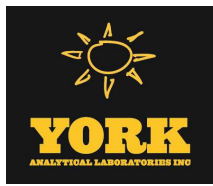
**PFAS, EPA 533 Target List**

**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/Anal	Analyst
				MCL						
919005-14-4	ADONA	ND		-		ng/L	0.893	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 20:41	
756426-58-1	9CL-PF3ONS	ND		-		ng/L	0.893	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 20:41	
763051-92-9	11CL-PF3OUdS	ND		-		ng/L	0.893	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 20:41	
13252-13-6	HFPO-DA (Gen-X)	ND		-		ng/L	0.893	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 20:41	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		-		ng/L	0.893	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 20:41	
335-76-2	Perfluorodecanoic acid (PFDA)	ND		10		ng/L	0.893	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 20:41	
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		-		ng/L	0.893	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 20:41	
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		10		ng/L	0.893	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 20:41	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		10		ng/L	0.893	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 20:41	
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		-		ng/L	0.893	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 20:41	
375-95-1	Perfluorononanoic acid (PFNA)	ND		10		ng/L	0.893	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 20:41	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		10		ng/L	0.893	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 20:41	
335-67-1	Perfluorooctanoic acid (PFOA)	ND		10		ng/L	0.893	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 20:41	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		-		ng/L	0.893	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 20:41	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		-		ng/L	0.893	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 20:41	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		-		ng/L	0.893	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 20:41	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		-		ng/L	0.893	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 20:41	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		-		ng/L	1.79	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 20:41	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		-		ng/L	1.79	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 20:41	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		-		ng/L	0.893	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 20:41	
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		-		ng/L	0.893	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 20:41	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		-		ng/L	0.893	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 20:41	



### Sample Information

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

**York Sample ID:** 23C1254-20

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23C1254

PFAS & 1,4 Dioxane 3/21/23

Drinking Water

March 21, 2023 10:30 am

03/22/2023

**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/Anal	Analyst
				MCL						
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		-		ng/L	0.893	EPA 533	03/29/2023 12:51	ESJ
							Certifications: NELAC-NY12058		03/30/2023 20:41	
151772-58-6	Perfluoro-3,6-dioxahexanoic acid (NFDHA)	ND		-		ng/L	0.893	EPA 533	03/29/2023 12:51	ESJ
							Certifications: NELAC-NY12058		03/30/2023 20:41	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		-		ng/L	0.893	EPA 533	03/29/2023 12:51	ESJ
							Certifications: NELAC-NY12058		03/30/2023 20:41	
	<b>Surrogate Recoveries</b>	<b>Result</b>		<b>Acceptance Range</b>						
	Surrogate: MPFDoA	68.0 %		50-200						
	Surrogate: MPFBA	85.8 %		50-200						
	Surrogate: M9PFNA	96.7 %		50-200						
	Surrogate: M8PFOS	86.2 %		50-200						
	Surrogate: M8PFOA	86.9 %		50-200						
	Surrogate: M7PFUdA	79.6 %		50-200						
	Surrogate: M6PFDA	89.5 %		50-200						
	Surrogate: M5PFPeA	85.0 %		50-200						
	Surrogate: M5PFHxA	78.8 %		50-200						
	Surrogate: M4PFHpA	98.7 %		50-200						
	Surrogate: M3PFHxS	79.1 %		50-200						
	Surrogate: M3PFBS	81.2 %		50-200						
	Surrogate: M3HFPO-DA	95.2 %		50-200						
	Surrogate: M2-8:2 FTS	105 %		50-200						
	Surrogate: M2-6:2 FTS	113 %		50-200						
	Surrogate: M2-4:2 FTS	101 %		50-200						

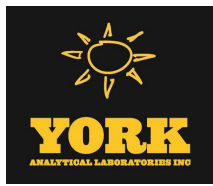
**PFAS, EPA 537.1 UCMR5 List**

**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/Anal	Analyst
				MCL						
72629-94-8	Perfluorotridecanoic acid (PFTTrDA)	ND		-		ng/L	0.806	EPA 537.1	03/24/2023 11:50	ESJ
							Certifications: NELAC-NY12058		03/27/2023 22:14	
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		-		ng/L	0.806	EPA 537.1	03/24/2023 11:50	ESJ
							Certifications: NELAC-NY12058		03/27/2023 22:14	
2355-31-9	N-MeFOSAA	ND		-		ng/L	0.806	EPA 537.1	03/24/2023 11:50	ESJ
							Certifications: NELAC-NY12058		03/27/2023 22:14	
2991-50-6	N-EtFOSAA	ND		-		ng/L	0.806	EPA 537.1	03/24/2023 11:50	ESJ
							Certifications: NELAC-NY12058		03/27/2023 22:14	
	<b>Surrogate Recoveries</b>	<b>Result</b>		<b>Acceptance Range</b>						
	Surrogate: d5-N-EtFOSAA	92.1 %		70-130						
	Surrogate: MPFDA	74.4 %		70-130						
	Surrogate: MPFHxA	72.5 %		70-130						



### Sample Information

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

**York Sample ID:** 23C1254-20

<u>York Project (SDG) No.</u> 23C1254	<u>Client Project ID</u> PFAS & 1,4 Dioxane 3/21/23	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> March 21, 2023 10:30 am	<u>Date Received</u> 03/22/2023
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**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/Anal	Analyst
				MCL						
	Surrogate: M3HFPO-DA	69.5 %	PFSL	70-130						

### Sample Information

**Client Sample ID:** Well 4-1

**York Sample ID:** 23C1254-21

<u>York Project (SDG) No.</u> 23C1254	<u>Client Project ID</u> PFAS & 1,4 Dioxane 3/21/23	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> March 21, 2023 9:55 am	<u>Date Received</u> 03/22/2023
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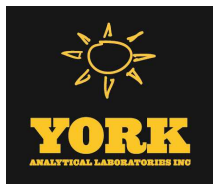
**PFAS, EPA 533 Target List**

**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/Anal	Analyst
				MCL						
919005-14-4	ADONA	ND		-		ng/L	0.926	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 20:54	
756426-58-1	9CL-PF3ONS	ND		-		ng/L	0.926	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 20:54	
763051-92-9	11CL-PF3OUdS	ND		-		ng/L	0.926	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 20:54	
13252-13-6	HFPO-DA (Gen-X)	ND		-		ng/L	0.926	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 20:54	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		-		ng/L	0.926	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 20:54	
335-76-2	Perfluorodecanoic acid (PFDA)	ND		10		ng/L	0.926	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 20:54	
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		-		ng/L	0.926	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 20:54	
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		10		ng/L	0.926	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 20:54	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		10		ng/L	0.926	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 20:54	
307-24-4	<b>Perfluorohexanoic acid (PFHxA)</b>	<b>1.09</b>		-		ng/L	0.926	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 20:54	
375-95-1	Perfluorononanoic acid (PFNA)	ND		10		ng/L	0.926	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 20:54	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		10		ng/L	0.926	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 20:54	
335-67-1	Perfluorooctanoic acid (PFOA)	ND		10		ng/L	0.926	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 20:54	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		-		ng/L	0.926	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 20:54	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		-		ng/L	0.926	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 20:54	



### Sample Information

**Client Sample ID:** Well 4-1

**York Sample ID:** 23C1254-21

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23C1254

PFAS & 1,4 Dioxane 3/21/23

Drinking Water

March 21, 2023 9:55 am

03/22/2023

**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/Anal	Analyst
				MCL						
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		-		ng/L	0.926	EPA 533	03/29/2023 12:51	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 20:54	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		-		ng/L	0.926	EPA 533	03/29/2023 12:51	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 20:54	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		-		ng/L	1.85	EPA 533	03/29/2023 12:51	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 20:54	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		-		ng/L	1.85	EPA 533	03/29/2023 12:51	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 20:54	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		-		ng/L	0.926	EPA 533	03/29/2023 12:51	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 20:54	
2706-90-3	<b>Perfluoropentanoic acid (PFPeA)</b>	<b>1.59</b>		-		ng/L	0.926	EPA 533	03/29/2023 12:51	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 20:54	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		-		ng/L	0.926	EPA 533	03/29/2023 12:51	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 20:54	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		-		ng/L	0.926	EPA 533	03/29/2023 12:51	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 20:54	
151772-58-6	Perfluoro-3,6-dioxahexanoic acid (NFDHA)	ND		-		ng/L	0.926	EPA 533	03/29/2023 12:51	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 20:54	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND		-		ng/L	0.926	EPA 533	03/29/2023 12:51	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 20:54	

**Surrogate Recoveries**

**Result**

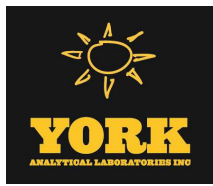
**Acceptance Range**

Surrogate: MPFDoA	80.1 %	50-200
Surrogate: MPFBA	107 %	50-200
Surrogate: M9PFNA	115 %	50-200
Surrogate: M8PFOS	106 %	50-200
Surrogate: M8PFOA	103 %	50-200
Surrogate: M7PFUdA	96.4 %	50-200
Surrogate: M6PFDA	105 %	50-200
Surrogate: M5PFPeA	105 %	50-200
Surrogate: M5PFHxA	96.5 %	50-200
Surrogate: M4PFHpA	111 %	50-200
Surrogate: M3PFHxS	99.4 %	50-200
Surrogate: M3PFBS	96.3 %	50-200
Surrogate: M3HFPO-DA	97.2 %	50-200
Surrogate: M2-8:2 FTS	128 %	50-200
Surrogate: M2-6:2 FTS	164 %	50-200
Surrogate: M2-4:2 FTS	140 %	50-200

**PFAS, EPA 537.1 UCMR5 List**

**Log-in Notes:**

**Sample Notes:**



### Sample Information

**Client Sample ID:** Well 4-1

**York Sample ID:** 23C1254-21

<u>York Project (SDG) No.</u> 23C1254	<u>Client Project ID</u> PFAS & 1,4 Dioxane 3/21/23	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> March 21, 2023 9:55 am	<u>Date Received</u> 03/22/2023
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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/Anal	Analyst
				MCL						
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		-		ng/L	0.926	EPA 537.1	03/24/2023 11:50	ESJ
							Certifications:	NELAC-NY12058	03/27/2023 22:27	
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		-		ng/L	0.926	EPA 537.1	03/24/2023 11:50	ESJ
							Certifications:	NELAC-NY12058	03/27/2023 22:27	
2355-31-9	N-MeFOSAA	ND		-		ng/L	0.926	EPA 537.1	03/24/2023 11:50	ESJ
							Certifications:	NELAC-NY12058	03/27/2023 22:27	
2991-50-6	N-EtFOSAA	ND		-		ng/L	0.926	EPA 537.1	03/24/2023 11:50	ESJ
							Certifications:	NELAC-NY12058	03/27/2023 22:27	

Surrogate Recoveries	Result	Acceptance Range
Surrogate: <i>d5-N-EtFOSAA</i>	102 %	70-130
Surrogate: <i>MPFDA</i>	86.9 %	70-130
Surrogate: <i>MPFHxA</i>	72.2 %	70-130
Surrogate: <i>M3HFPO-DA</i>	69.7 %	70-130

### Sample Information

**Client Sample ID:** Well 4-1 Field Blank

**York Sample ID:** 23C1254-22

<u>York Project (SDG) No.</u> 23C1254	<u>Client Project ID</u> PFAS & 1,4 Dioxane 3/21/23	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> March 21, 2023 9:55 am	<u>Date Received</u> 03/22/2023
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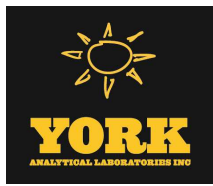
### PFAS, EPA 533 Target List

### 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/Anal	Analyst
				MCL						
919005-14-4	ADONA	ND		-		ng/L	0.926	EPA 533	03/29/2023 12:51	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 21:06	
756426-58-1	9CL-PF3ONS	ND		-		ng/L	0.926	EPA 533	03/29/2023 12:51	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 21:06	
763051-92-9	11CL-PF3OUdS	ND		-		ng/L	0.926	EPA 533	03/29/2023 12:51	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 21:06	
13252-13-6	HFPO-DA (Gen-X)	ND		-		ng/L	0.926	EPA 533	03/29/2023 12:51	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 21:06	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		-		ng/L	0.926	EPA 533	03/29/2023 12:51	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 21:06	
335-76-2	Perfluorodecanoic acid (PFDA)	ND		10		ng/L	0.926	EPA 533	03/29/2023 12:51	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 21:06	
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		-		ng/L	0.926	EPA 533	03/29/2023 12:51	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 21:06	
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		10		ng/L	0.926	EPA 533	03/29/2023 12:51	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 21:06	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		10		ng/L	0.926	EPA 533	03/29/2023 12:51	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 21:06	



### Sample Information

**Client Sample ID:** Well 4-1 Field Blank

**York Sample ID:** 23C1254-22

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23C1254

PFAS & 1,4 Dioxane 3/21/23

Drinking Water

March 21, 2023 9:55 am

03/22/2023

**PFAS, EPA 533 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 533

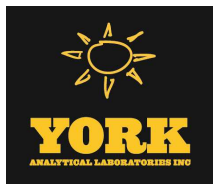
CAS No.	Parameter	Result	Flag	Maximum Contaminant Level		Units	Reported to LOQ	Reference Method	Date/Time Prep/Anal	Analyst
				MCL						
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		-		ng/L	0.926	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 21:06	
375-95-1	Perfluorononanoic acid (PFNA)	ND		10		ng/L	0.926	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 21:06	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		10		ng/L	0.926	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 21:06	
335-67-1	Perfluorooctanoic acid (PFOA)	ND		10		ng/L	0.926	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 21:06	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		-		ng/L	0.926	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 21:06	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		-		ng/L	0.926	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 21:06	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		-		ng/L	0.926	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 21:06	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		-		ng/L	0.926	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 21:06	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		-		ng/L	1.85	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 21:06	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		-		ng/L	1.85	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 21:06	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		-		ng/L	0.926	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 21:06	
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		-		ng/L	0.926	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 21:06	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		-		ng/L	0.926	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 21:06	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		-		ng/L	0.926	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 21:06	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		-		ng/L	0.926	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 21:06	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		-		ng/L	0.926	EPA 533	03/29/2023 12:51	ESJ
								Certifications: NELAC-NY12058	03/30/2023 21:06	

**Surrogate Recoveries**

**Result**

**Acceptance Range**

Surrogate: MPFDoA	92.3 %	50-200
Surrogate: MPFBA	104 %	50-200
Surrogate: M9PFNA	112 %	50-200
Surrogate: M8PFOS	104 %	50-200
Surrogate: M8PFOA	99.9 %	50-200
Surrogate: M7PFUdA	101 %	50-200
Surrogate: M6PFDA	103 %	50-200
Surrogate: M5PFPeA	102 %	50-200
Surrogate: M5PFHxA	94.3 %	50-200



### Sample Information

**Client Sample ID:** Well 4-1 Field Blank

**York Sample ID:** 23C1254-22

<u>York Project (SDG) No.</u> 23C1254	<u>Client Project ID</u> PFAS & 1,4 Dioxane 3/21/23	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> March 21, 2023 9:55 am	<u>Date Received</u> 03/22/2023
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**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/Anal	Analyst
				MCL						
	Surrogate: M4PFHpA	120 %		50-200						
	Surrogate: M3PFHxS	95.8 %		50-200						
	Surrogate: M3PFBS	96.5 %		50-200						
	Surrogate: M3HFPO-DA	108 %		50-200						
	Surrogate: M2-8:2 FTS	119 %		50-200						
	Surrogate: M2-6:2 FTS	143 %		50-200						
	Surrogate: M2-4:2 FTS	124 %		50-200						

**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/Anal	Analyst
				MCL						
72629-94-8	Perfluorotridecanoic acid (PFTTrDA)	ND		-		ng/L	0.862	EPA 537.1	03/24/2023 11:50	ESJ
							Certifications: NELAC-NY12058		03/27/2023 22:41	
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		-		ng/L	0.862	EPA 537.1	03/24/2023 11:50	ESJ
							Certifications: NELAC-NY12058		03/27/2023 22:41	
2355-31-9	N-MeFOSAA	ND		-		ng/L	0.862	EPA 537.1	03/24/2023 11:50	ESJ
							Certifications: NELAC-NY12058		03/27/2023 22:41	
2991-50-6	N-EtFOSAA	ND		-		ng/L	0.862	EPA 537.1	03/24/2023 11:50	ESJ
							Certifications: NELAC-NY12058		03/27/2023 22:41	
	<b>Surrogate Recoveries</b>	<b>Result</b>		<b>Acceptance Range</b>						
	Surrogate: d5-N-EtFOSAA	109 %		70-130						
	Surrogate: MPFDA	85.0 %		70-130						
	Surrogate: MPFHxA	71.9 %		70-130						
	Surrogate: M3HFPO-DA	70.6 %		70-130						

### Sample Information

**Client Sample ID:** Well 4-2

**York Sample ID:** 23C1254-23

<u>York Project (SDG) No.</u> 23C1254	<u>Client Project ID</u> PFAS & 1,4 Dioxane 3/21/23	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> March 21, 2023 10:10 am	<u>Date Received</u> 03/22/2023
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**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/Anal	Analyst
				MCL						
919005-14-4	ADONA	ND		-		ng/L	0.893	EPA 533	03/29/2023 12:51	ESJ
							Certifications: NELAC-NY12058		03/30/2023 21:19	



### Sample Information

**Client Sample ID:** Well 4-2

**York Sample ID:** 23C1254-23

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

23C1254

PFAS & 1,4 Dioxane 3/21/23

Drinking Water

March 21, 2023 10:10 am

03/22/2023

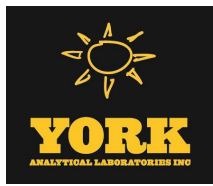
**PFAS, EPA 533 Target List**

**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/Anal	Analyst
				MCL						
756426-58-1	9CL-PF3ONS	ND		-		ng/L	0.893	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 21:19	
763051-92-9	11CL-PF3OUdS	ND		-		ng/L	0.893	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 21:19	
13252-13-6	HFPO-DA (Gen-X)	ND		-		ng/L	0.893	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 21:19	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		-		ng/L	0.893	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 21:19	
335-76-2	Perfluorodecanoic acid (PFDA)	ND		10		ng/L	0.893	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 21:19	
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		-		ng/L	0.893	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 21:19	
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		10		ng/L	0.893	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 21:19	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		10		ng/L	0.893	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 21:19	
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		-		ng/L	0.893	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 21:19	
375-95-1	Perfluorononanoic acid (PFNA)	ND		10		ng/L	0.893	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 21:19	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		10		ng/L	0.893	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 21:19	
335-67-1	Perfluorooctanoic acid (PFOA)	ND		10		ng/L	0.893	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 21:19	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		-		ng/L	0.893	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 21:19	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		-		ng/L	0.893	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 21:19	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		-		ng/L	0.893	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 21:19	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		-		ng/L	0.893	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 21:19	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		-		ng/L	1.79	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 21:19	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		-		ng/L	1.79	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 21:19	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		-		ng/L	0.893	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 21:19	
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		-		ng/L	0.893	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 21:19	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		-		ng/L	0.893	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 21:19	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		-		ng/L	0.893	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 21:19	



### Sample Information

**Client Sample ID:** Well 4-2

**York Sample ID:** 23C1254-23

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

23C1254

PFAS & 1,4 Dioxane 3/21/23

Drinking Water

March 21, 2023 10:10 am

03/22/2023

**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/Anal	Analyst
				MCL						
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		-		ng/L	0.893	EPA 533	03/29/2023 12:51	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 21:19	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		-		ng/L	0.893	EPA 533	03/29/2023 12:51	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 21:19	
<b>Surrogate Recoveries</b>		<b>Result</b>		<b>Acceptance Range</b>						
	Surrogate: MPFDoA	83.6 %		50-200						
	Surrogate: MPFBA	92.8 %		50-200						
	Surrogate: M9PFNA	105 %		50-200						
	Surrogate: M8PFOS	96.1 %		50-200						
	Surrogate: M8PFOA	94.0 %		50-200						
	Surrogate: M7PFUdA	89.8 %		50-200						
	Surrogate: M6PFDA	92.3 %		50-200						
	Surrogate: M5PFPeA	92.9 %		50-200						
	Surrogate: M5PFHxA	87.2 %		50-200						
	Surrogate: M4PFHpA	105 %		50-200						
	Surrogate: M3PFHxS	85.7 %		50-200						
	Surrogate: M3PFBS	86.1 %		50-200						
	Surrogate: M3HFPO-DA	87.7 %		50-200						
	Surrogate: M2-8:2 FTS	115 %		50-200						
	Surrogate: M2-6:2 FTS	129 %		50-200						
	Surrogate: M2-4:2 FTS	116 %		50-200						

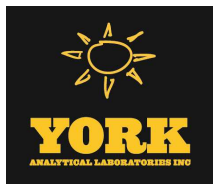
**PFAS, EPA 537.1 UCMR5 List**

**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/Anal	Analyst
				MCL						
72629-94-8	Perfluorotridecanoic acid (PFTTrDA)	ND		-		ng/L	0.893	EPA 537.1	03/24/2023 11:50	ESJ
							Certifications:	NELAC-NY12058	03/27/2023 22:55	
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		-		ng/L	0.893	EPA 537.1	03/24/2023 11:50	ESJ
							Certifications:	NELAC-NY12058	03/27/2023 22:55	
2355-31-9	N-MeFOSAA	ND		-		ng/L	0.893	EPA 537.1	03/24/2023 11:50	ESJ
							Certifications:	NELAC-NY12058	03/27/2023 22:55	
2991-50-6	N-EtFOSAA	ND		-		ng/L	0.893	EPA 537.1	03/24/2023 11:50	ESJ
							Certifications:	NELAC-NY12058	03/27/2023 22:55	
<b>Surrogate Recoveries</b>		<b>Result</b>		<b>Acceptance Range</b>						
	Surrogate: d5-N-EtFOSAA	88.5 %		70-130						
	Surrogate: MPFDA	76.4 %		70-130						
	Surrogate: MPFHxA	69.7 %	PFSL	70-130						
	Surrogate: M3HFPO-DA	69.9 %	PFSL	70-130						



### Sample Information

**Client Sample ID:** Well 4-2 Field Blank

**York Sample ID:** 23C1254-24

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

23C1254

PFAS & 1,4 Dioxane 3/21/23

Drinking Water

March 21, 2023 10:10 am

03/22/2023

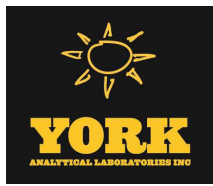
**PFAS, EPA 533 Target List**

**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/Anal	Analyst
				MCL						
919005-14-4	ADONA	ND		-		ng/L	0.893	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 21:32	
756426-58-1	9CL-PF3ONS	ND		-		ng/L	0.893	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 21:32	
763051-92-9	11CL-PF3OUdS	ND		-		ng/L	0.893	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 21:32	
13252-13-6	HFPO-DA (Gen-X)	ND		-		ng/L	0.893	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 21:32	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		-		ng/L	0.893	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 21:32	
335-76-2	Perfluorodecanoic acid (PFDA)	ND		10		ng/L	0.893	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 21:32	
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		-		ng/L	0.893	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 21:32	
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		10		ng/L	0.893	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 21:32	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		10		ng/L	0.893	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 21:32	
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		-		ng/L	0.893	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 21:32	
375-95-1	Perfluorononanoic acid (PFNA)	ND		10		ng/L	0.893	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 21:32	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		10		ng/L	0.893	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 21:32	
335-67-1	Perfluorooctanoic acid (PFOA)	ND		10		ng/L	0.893	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 21:32	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		-		ng/L	0.893	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 21:32	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		-		ng/L	0.893	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 21:32	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		-		ng/L	0.893	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 21:32	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		-		ng/L	0.893	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 21:32	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		-		ng/L	1.79	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 21:32	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		-		ng/L	1.79	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 21:32	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		-		ng/L	0.893	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 21:32	
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		-		ng/L	0.893	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 21:32	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		-		ng/L	0.893	EPA 533	03/29/2023 12:51	ESJ
								NELAC-NY12058	03/30/2023 21:32	



### Sample Information

**Client Sample ID:** Well 4-2 Field Blank

**York Sample ID:** 23C1254-24

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

23C1254

PFAS & 1,4 Dioxane 3/21/23

Drinking Water

March 21, 2023 10:10 am

03/22/2023

**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/Anal	Analyst
				MCL						
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		-		ng/L	0.893	EPA 533	03/29/2023 12:51	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 21:32	
151772-58-6	Perfluoro-3,6-dioxahexanoic acid (NFDHA)	ND		-		ng/L	0.893	EPA 533	03/29/2023 12:51	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 21:32	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		-		ng/L	0.893	EPA 533	03/29/2023 12:51	ESJ
							Certifications:	NELAC-NY12058	03/30/2023 21:32	
	<b>Surrogate Recoveries</b>	<b>Result</b>		<b>Acceptance Range</b>						
	Surrogate: MPFDoA	40.3 %	PFSu-L	50-200						
	Surrogate: MPFBA	102 %		50-200						
	Surrogate: M9PFNA	101 %		50-200						
	Surrogate: M8PFOS	101 %		50-200						
	Surrogate: M8PFOA	92.0 %		50-200						
	Surrogate: M7PFUdA	72.3 %		50-200						
	Surrogate: M6PFDA	94.2 %		50-200						
	Surrogate: M5PFPeA	99.9 %		50-200						
	Surrogate: M5PFHxA	89.9 %		50-200						
	Surrogate: M4PFHpA	108 %		50-200						
	Surrogate: M3PFHxS	92.6 %		50-200						
	Surrogate: M3PFBS	90.7 %		50-200						
	Surrogate: M3HFPO-DA	101 %		50-200						
	Surrogate: M2-8:2 FTS	125 %		50-200						
	Surrogate: M2-6:2 FTS	132 %		50-200						
	Surrogate: M2-4:2 FTS	114 %		50-200						

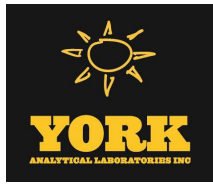
**PFAS, EPA 537.1 UCMR5 List**

**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/Anal	Analyst
				MCL						
72629-94-8	Perfluorotridecanoic acid (PFTTrDA)	ND		-		ng/L	0.806	EPA 537.1	03/24/2023 11:50	ESJ
							Certifications:	NELAC-NY12058	03/27/2023 23:08	
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		-		ng/L	0.806	EPA 537.1	03/24/2023 11:50	ESJ
							Certifications:	NELAC-NY12058	03/27/2023 23:08	
2355-31-9	N-MeFOSAA	ND		-		ng/L	0.806	EPA 537.1	03/24/2023 11:50	ESJ
							Certifications:	NELAC-NY12058	03/27/2023 23:08	
2991-50-6	N-EtFOSAA	ND		-		ng/L	0.806	EPA 537.1	03/24/2023 11:50	ESJ
							Certifications:	NELAC-NY12058	03/27/2023 23:08	
	<b>Surrogate Recoveries</b>	<b>Result</b>		<b>Acceptance Range</b>						
	Surrogate: d5-N-EtFOSAA	101 %		70-130						
	Surrogate: MPFDA	80.0 %		70-130						
	Surrogate: MPFHxA	68.0 %	PFSL	70-130						



**Sample Information**

**Client Sample ID:** Well 4-2 Field Blank

**York Sample ID:** 23C1254-24

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23C1254

PFAS & 1,4 Dioxane 3/21/23

Drinking Water

March 21, 2023 10:10 am

03/22/2023

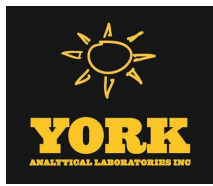
**PFAS, EPA 537.1 UCMR5 List**

**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/Anal	Analyst
				MCL						
	Surrogate: M3HFPO-DA	67.2 %	PFSL	70-130						



## Analytical Batch Summary

**Batch ID:** BC31574      **Preparation Method:** EPA 522      **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
23C1254-07	GAC Blended Effluent Ran to W	03/23/23
BC31574-BLK1	Blank	03/23/23
BC31574-BS1	LCS	03/23/23
BC31574-BS2	LCS	03/23/23
BC31574-DUP1	Duplicate	03/23/23
BC31574-MS1	Matrix Spike	03/23/23

**Batch ID:** BC31582      **Preparation Method:** EPA 533      **Prepared By:** WJH

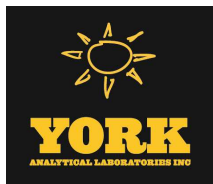
YORK Sample ID	Client Sample ID	Preparation Date
23C1254-01	Well 1-1 Ran to Waste	03/24/23
23C1254-02	Well 1-1 Field Blank Ran to Wa	03/24/23
23C1254-03	Well 1-2 Ran to Waste	03/24/23
23C1254-04	Well 1-2 Field Blank Ran to Wa	03/24/23
23C1254-05	Well 1-3 Ran to Waste	03/24/23
BC31582-BLK1	Blank	03/24/23
BC31582-BS1	LCS	03/24/23
BC31582-BS2	LCS	03/24/23
BC31582-DUP1	Duplicate	03/24/23
BC31582-MS1	Matrix Spike	03/24/23

**Batch ID:** BC31592      **Preparation Method:** EPA 537.1 SPE DVB      **Prepared By:** WJH

YORK Sample ID	Client Sample ID	Preparation Date
23C1254-01	Well 1-1 Ran to Waste	03/23/23
23C1254-02	Well 1-1 Field Blank Ran to Wa	03/23/23
23C1254-03	Well 1-2 Ran to Waste	03/23/23
23C1254-04	Well 1-2 Field Blank Ran to Wa	03/23/23
23C1254-05	Well 1-3 Ran to Waste	03/23/23
23C1254-06	Well 1-3 Field Blank Ran to Wa	03/23/23
23C1254-07	GAC Blended Effluent Ran to W	03/23/23
23C1254-08	GAC Blended Effluent Field Bl	03/23/23
23C1254-09	Well 2-1 Ran to Waste	03/23/23
23C1254-10	Well 2-1 Field Blank Ran to Wa	03/23/23
23C1254-11	Well 2-2	03/23/23
BC31592-BLK1	Blank	03/23/23
BC31592-BS2	LCS	03/23/23
BC31592-DUP1	Duplicate	03/23/23
BC31592-MS1	Matrix Spike	03/23/23

**Batch ID:** BC31661      **Preparation Method:** EPA 537.1 SPE DVB      **Prepared By:** BAMW

YORK Sample ID	Client Sample ID	Preparation Date
23C1254-12	Well 2-2 Field Blank	03/24/23



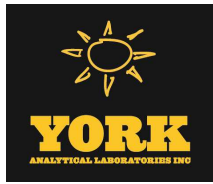
23C1254-13	Well 3-1	03/24/23
23C1254-14	Well 3-1 Field Blank	03/24/23
23C1254-15	Well 3-2	03/24/23
23C1254-16	Well 3-2 Field Blank	03/24/23
23C1254-17	Well 3-3	03/24/23
23C1254-18	Well 3-3 Field Blank	03/24/23
23C1254-19	Well 5-1	03/24/23
23C1254-20	Well 5-1 Field Blank	03/24/23
23C1254-21	Well 4-1	03/24/23
23C1254-22	Well 4-1 Field Blank	03/24/23
23C1254-23	Well 4-2	03/24/23
23C1254-24	Well 4-2 Field Blank	03/24/23
BC31661-BLK1	Blank	03/24/23
BC31661-BS1	LCS	03/24/23
BC31661-BS2	LCS	03/24/23
BC31661-DUP1	Duplicate	03/24/23
BC31661-MS1	Matrix Spike	03/24/23

**Batch ID:** BC31857                      **Preparation Method:** EPA 533                      **Prepared By:** BAMW

YORK Sample ID	Client Sample ID	Preparation Date
23C1254-06	Well 1-3 Field Blank Ran to Wa	03/28/23
23C1254-07	GAC Blended Effluent Ran to V	03/28/23
23C1254-08	GAC Blended Effluent Field Bl	03/28/23
23C1254-09	Well 2-1 Ran to Waste	03/28/23
23C1254-10	Well 2-1 Field Blank Ran to Wa	03/28/23
23C1254-11	Well 2-2	03/28/23
23C1254-12	Well 2-2 Field Blank	03/28/23
BC31857-BLK1	Blank	03/28/23
BC31857-BS1	LCS	03/28/23
BC31857-DUP1	Duplicate	03/28/23
BC31857-MS1	Matrix Spike	03/28/23

**Batch ID:** BC31961                      **Preparation Method:** EPA 533                      **Prepared By:** ER

YORK Sample ID	Client Sample ID	Preparation Date
23C1254-13	Well 3-1	03/29/23
23C1254-14	Well 3-1 Field Blank	03/29/23
23C1254-15	Well 3-2	03/29/23
23C1254-16	Well 3-2 Field Blank	03/29/23
23C1254-17	Well 3-3	03/29/23
23C1254-18	Well 3-3 Field Blank	03/29/23
23C1254-19	Well 5-1	03/29/23
23C1254-20	Well 5-1 Field Blank	03/29/23
23C1254-21	Well 4-1	03/29/23
23C1254-22	Well 4-1 Field Blank	03/29/23
23C1254-23	Well 4-2	03/29/23
23C1254-24	Well 4-2 Field Blank	03/29/23
BC31961-BLK1	Blank	03/29/23
BC31961-BS2	LCS	03/29/23
BC31961-DUP1	Duplicate	03/29/23

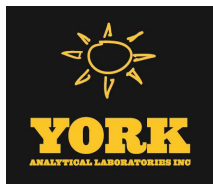


BC31961-MS1

Matrix Spike

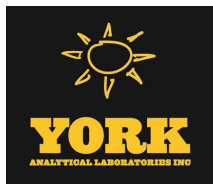
03/29/23





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

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
<b>Batch BC31574 - EPA 522</b>											
<b>Blank (BC31574-BLK1)</b>											
										Prepared: 03/23/2023 Analyzed: 03/24/2023	
1,4-Dioxane	ND	0.200	ug/L								
Surrogate: 1,4-Dioxane-d8	2.00		"	2.50		80.0	70-130				
<b>LCS (BC31574-BS1)</b>											
										Prepared: 03/23/2023 Analyzed: 03/24/2023	
1,4-Dioxane	4.63	0.200	ug/L	5.00		92.6	70-130				
Surrogate: 1,4-Dioxane-d8	2.00		"	2.50		80.0	70-130				
<b>LCS (BC31574-BS2)</b>											
										Prepared: 03/23/2023 Analyzed: 03/24/2023	
1,4-Dioxane	1.19	0.200	ug/L	1.00		119	70-130				
Surrogate: 1,4-Dioxane-d8	2.10		"	2.50		84.0	70-130				
<b>Duplicate (BC31574-DUP1)</b>											
										*Source sample: 23C1066-01 (Duplicate)	
										Prepared: 03/23/2023 Analyzed: 03/24/2023	
1,4-Dioxane	ND	0.200	ug/L		ND						30
Surrogate: 1,4-Dioxane-d8	1.90		"	2.50		76.0	70-130				
<b>Matrix Spike (BC31574-MS1)</b>											
										*Source sample: 23C1054-03 (Matrix Spike)	
										Prepared: 03/23/2023 Analyzed: 03/24/2023	
1,4-Dioxane	4.48	0.200	ug/L	5.00	ND	89.6	70-130				
Surrogate: 1,4-Dioxane-d8	2.40		"	2.50		96.0	70-130				



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

York Analytical Laboratories, Inc. - Stratford

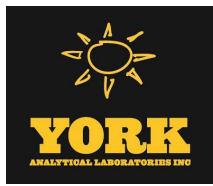
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BC31582 - EPA 533

Blank (BC31582-BLK1)

Prepared: 03/24/2023 Analyzed: 03/29/2023

ADONA	ND	1.00	ng/L								
9CL-PF3ONS	ND	1.00	"								
11CL-PF3OUdS	ND	1.00	"								
HFPO-DA (Gen-X)	ND	1.00	"								
Perfluorobutanesulfonic acid (PFBS)	ND	1.00	"								
Perfluorodecanoic acid (PFDA)	ND	1.00	"								
Perfluorododecanoic acid (PFDoA)	ND	1.00	"								
Perfluoroheptanoic acid (PFHpA)	ND	1.00	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	1.00	"								
Perfluorohexanoic acid (PFHxA)	ND	1.00	"								
Perfluorononanoic acid (PFNA)	ND	1.00	"								
Perfluorooctanesulfonic acid (PFOS)	ND	1.00	"								
Perfluorooctanoic acid (PFOA)	ND	1.00	"								
Perfluoroundecanoic acid (PFUnA)	ND	1.00	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	1.00	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	1.00	"								
Perfluoro-n-butanoic acid (PFBA)	ND	1.00	"								
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	1.00	"								
Perfluoropentanoic acid (PFPeA)	ND	1.00	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.00	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.00	"								
Perfluoro-3,6-dioxahexanoic acid (NFDHA)	ND	1.00	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND	1.00	"								
Surrogate: MPFDoA	16.3		"	20.0		81.6	50-200				
Surrogate: MPFBA	21.3		"	20.0		107	50-200				
Surrogate: M9PFNA	21.7		"	20.0		108	50-200				
Surrogate: M8PFOS	18.0		"	19.2		93.8	50-200				
Surrogate: M8PFOA	19.6		"	20.0		98.1	50-200				
Surrogate: M7PFUdA	18.4		"	20.0		92.0	50-200				
Surrogate: M6PFDA	20.2		"	20.0		101	50-200				
Surrogate: M5PFPeA	21.3		"	20.0		106	50-200				
Surrogate: M5PFHxA	19.8		"	20.0		99.1	50-200				
Surrogate: M4PFHpA	20.4		"	20.0		102	50-200				
Surrogate: M3PFHxS	18.7		"	19.0		98.7	50-200				
Surrogate: M3PFBS	17.6		"	18.6		94.3	50-200				
Surrogate: M3HFPO-DA	20.5		"	20.0		102	50-200				
Surrogate: M2-8:2 FTS	89.7		"	76.8		117	50-200				
Surrogate: M2-6:2 FTS	90.1		"	76.0		119	50-200				
Surrogate: M2-4:2 FTS	86.1		"	75.2		115	50-200				



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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BC31582 - EPA 533

LCS (BC31582-BS1)

Prepared: 03/24/2023 Analyzed: 03/29/2023

ADONA	38.4	1.00	ng/L	37.8		101	70-130				
9CL-PF3ONS	34.5	1.00	"	37.4		92.4	70-130				
11CL-PF3OUdS	33.5	1.00	"	37.8		88.8	70-130				
HFPO-DA (Gen-X)	41.1	1.00	"	40.0		103	70-130				
Perfluorobutanesulfonic acid (PFBS)	35.6	1.00	"	35.5		100	70-130				
Perfluorodecanoic acid (PFDA)	38.3	1.00	"	40.0		95.8	70-130				
Perfluorododecanoic acid (PFDoA)	40.1	1.00	"	40.0		100	70-130				
Perfluoroheptanoic acid (PFHpA)	40.8	1.00	"	40.0		102	70-130				
Perfluorohexanesulfonic acid (PFHxS)	34.7	1.00	"	36.5		95.2	70-130				
Perfluorohexanoic acid (PFHxA)	39.8	1.00	"	40.0		99.5	70-130				
Perfluorononanoic acid (PFNA)	38.2	1.00	"	40.0		95.5	70-130				
Perfluorooctanesulfonic acid (PFOS)	37.0	1.00	"	37.1		99.7	70-130				
Perfluorooctanoic acid (PFOA)	39.6	1.00	"	40.0		99.1	70-130				
Perfluoroundecanoic acid (PFUnA)	38.4	1.00	"	40.0		96.0	70-130				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	37.7	1.00	"	37.5		101	70-130				
Perfluoro-1-pentanesulfonate (PFPeS)	35.8	1.00	"	37.6		95.3	70-130				
Perfluoro-n-butanoic acid (PFBA)	39.7	1.00	"	40.0		99.3	70-130				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	40.2	2.00	"	38.4		105	70-130				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	37.4	2.00	"	38.1		98.2	70-130				
Perfluoro-1-heptanesulfonic acid (PFHpS)	37.2	1.00	"	38.2		97.4	70-130				
Perfluoropentanoic acid (PFPeA)	39.9	1.00	"	40.0		99.7	70-130				
Perfluoro-5-oxahexanoic acid (PFMBA)	40.4	1.00	"	40.0		101	70-130				
Perfluoro-4-oxapentanoic acid (PFMPA)	40.6	1.00	"	40.0		101	70-130				
Perfluoro-3,6-dioxahexanoic acid (NFDHA)	44.7	1.00	"	40.0		112	70-130				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	34.2	1.00	"	35.7		95.8	70-130				
Surrogate: MPFDoA	19.3		"	20.0		96.3	50-200				
Surrogate: MPFBA	20.0		"	20.0		100	50-200				
Surrogate: M9PFNA	20.6		"	20.0		103	50-200				
Surrogate: M8PFOS	18.5		"	19.2		96.7	50-200				
Surrogate: M8PFOA	19.3		"	20.0		96.4	50-200				
Surrogate: M7PFUdA	19.4		"	20.0		96.9	50-200				
Surrogate: M6PFDA	20.6		"	20.0		103	50-200				
Surrogate: M5PFPeA	20.5		"	20.0		103	50-200				
Surrogate: M5PFHxA	18.4		"	20.0		91.9	50-200				
Surrogate: M4PFHpA	18.4		"	20.0		91.9	50-200				
Surrogate: M3PFHxS	17.6		"	19.0		92.6	50-200				
Surrogate: M3PFBS	17.3		"	18.6		92.6	50-200				
Surrogate: M3HFPO-DA	20.1		"	20.0		101	50-200				
Surrogate: M2-8:2 FTS	101		"	76.8		131	50-200				
Surrogate: M2-6:2 FTS	93.8		"	76.0		123	50-200				
Surrogate: M2-4:2 FTS	79.8		"	75.2		106	50-200				



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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BC31582 - EPA 533

LCS (BC31582-BS2)

Prepared: 03/24/2023 Analyzed: 03/29/2023

ADONA	16.7	1.00	ng/L	18.9		88.2	70-130				
9CL-PF3ONS	16.5	1.00	"	18.7		88.2	70-130				
11CL-PF3OUdS	16.1	1.00	"	18.9		85.5	70-130				
HFPO-DA (Gen-X)	20.7	1.00	"	20.0		103	70-130				
Perfluorobutanesulfonic acid (PFBS)	16.5	1.00	"	17.8		92.7	70-130				
Perfluorodecanoic acid (PFDA)	18.4	1.00	"	20.0		92.2	70-130				
Perfluorododecanoic acid (PFDoA)	18.5	1.00	"	20.0		92.4	70-130				
Perfluoroheptanoic acid (PFHpA)	16.7	1.00	"	20.0		83.7	70-130				
Perfluorohexanesulfonic acid (PFHxS)	16.2	1.00	"	18.2		89.0	70-130				
Perfluorohexanoic acid (PFHxA)	18.9	1.00	"	20.0		94.5	70-130				
Perfluorononanoic acid (PFNA)	17.3	1.00	"	20.0		86.4	70-130				
Perfluorooctanesulfonic acid (PFOS)	18.8	1.00	"	18.6		102	70-130				
Perfluorooctanoic acid (PFOA)	20.6	1.00	"	20.0		103	70-130				
Perfluoroundecanoic acid (PFUnA)	18.0	1.00	"	20.0		90.2	70-130				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	17.1	1.00	"	18.8		91.3	70-130				
Perfluoro-1-pentanesulfonate (PFPeS)	17.7	1.00	"	18.8		94.4	70-130				
Perfluoro-n-butanoic acid (PFBA)	18.6	1.00	"	20.0		92.8	70-130				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	17.9	2.00	"	19.2		93.1	70-130				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	17.5	2.00	"	19.0		91.7	70-130				
Perfluoro-1-heptanesulfonic acid (PFHpS)	19.9	1.00	"	19.1		104	70-130				
Perfluoropentanoic acid (PFPeA)	18.2	1.00	"	20.0		90.8	70-130				
Perfluoro-5-oxahexanoic acid (PFMBA)	18.7	1.00	"	20.0		93.5	70-130				
Perfluoro-4-oxapentanoic acid (PFMPA)	18.9	1.00	"	20.0		94.7	70-130				
Perfluoro-3,6-dioxahexanoic acid (NFDHA)	17.4	1.00	"	20.0		87.0	70-130				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	15.8	1.00	"	17.8		88.8	70-130				
Surrogate: MPFDoA	20.3		"	20.0		101	50-200				
Surrogate: MPFBA	21.5		"	20.0		108	50-200				
Surrogate: M9PFNA	22.6		"	20.0		113	50-200				
Surrogate: M8PFOS	20.0		"	19.2		104	50-200				
Surrogate: M8PFOA	19.6		"	20.0		97.9	50-200				
Surrogate: M7PFUdA	20.4		"	20.0		102	50-200				
Surrogate: M6PFDA	22.2		"	20.0		111	50-200				
Surrogate: M5PFPeA	22.2		"	20.0		111	50-200				
Surrogate: M5PFHxA	20.3		"	20.0		101	50-200				
Surrogate: M4PFHpA	21.9		"	20.0		110	50-200				
Surrogate: M3PFHxS	20.2		"	19.0		107	50-200				
Surrogate: M3PFBS	19.9		"	18.6		107	50-200				
Surrogate: M3HFPO-DA	19.7		"	20.0		98.3	50-200				
Surrogate: M2-8:2 FTS	97.7		"	76.8		127	50-200				
Surrogate: M2-6:2 FTS	94.6		"	76.0		124	50-200				
Surrogate: M2-4:2 FTS	90.2		"	75.2		120	50-200				



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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BC31582 - EPA 533

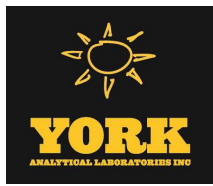
Duplicate (BC31582-DUP1)

\*Source sample: 23C1212-09 (Duplicate)

Prepared: 03/24/2023 Analyzed: 03/30/2023

ADONA	ND	1.00	ng/L		ND					30	
9CL-PF3ONS	ND	1.00	"		ND					30	
11CL-PF3OUdS	ND	1.00	"		ND					30	
HFPO-DA (Gen-X)	ND	1.00	"		ND					30	
Perfluorobutanesulfonic acid (PFBS)	ND	1.00	"		ND					30	
Perfluorodecanoic acid (PFDA)	ND	1.00	"		ND					30	
Perfluorododecanoic acid (PFDoA)	ND	1.00	"		ND					30	
Perfluoroheptanoic acid (PFHpA)	ND	1.00	"		ND					30	
Perfluorohexanesulfonic acid (PFHxS)	ND	1.00	"		ND					30	
Perfluorohexanoic acid (PFHxA)	ND	1.00	"		ND					30	
Perfluorononanoic acid (PFNA)	ND	1.00	"		ND					30	
Perfluorooctanesulfonic acid (PFOS)	ND	1.00	"		ND					30	
Perfluorooctanoic acid (PFOA)	0.985	1.00	"		1.47				39.4	30	Non-dir.
Perfluoroundecanoic acid (PFUnA)	ND	1.00	"		ND					30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	1.00	"		ND					30	
Perfluoro-1-pentanesulfonate (PFPeS)	ND	1.00	"		ND					30	
Perfluoro-n-butanoic acid (PFBA)	0.885	1.00	"		1.03				14.9	30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	2.00	"		ND					30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	2.00	"		ND					30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	1.00	"		ND					30	
Perfluoropentanoic acid (PFPeA)	0.571	1.00	"		0.592					30	
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.00	"		ND					30	
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.00	"		ND					30	
Perfluoro-3,6-dioxahexanoic acid (NFDHA)	ND	1.00	"		ND					30	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND	1.00	"		ND					30	

Surrogate: MPFDoA	18.7		"	20.0	93.7		50-200				
Surrogate: MPFBA	19.3		"	20.0	96.3		50-200				
Surrogate: M9PFNA	20.6		"	20.0	103		50-200				
Surrogate: M8PFOS	18.7		"	19.2	97.6		50-200				
Surrogate: M8PFOA	18.3		"	20.0	91.5		50-200				
Surrogate: M7PFUdA	19.5		"	20.0	97.5		50-200				
Surrogate: M6PFDA	20.5		"	20.0	102		50-200				
Surrogate: M5PFPeA	19.3		"	20.0	96.3		50-200				
Surrogate: M5PFHxA	16.7		"	20.0	83.4		50-200				
Surrogate: M4PFHpA	18.1		"	20.0	90.3		50-200				
Surrogate: M3PFHxS	16.7		"	19.0	88.1		50-200				
Surrogate: M3PFBS	15.8		"	18.6	84.8		50-200				
Surrogate: M3HFPO-DA	17.5		"	20.0	87.5		50-200				
Surrogate: M2-8:2 FTS	119		"	76.8	155		50-200				
Surrogate: M2-6:2 FTS	105		"	76.0	138		50-200				
Surrogate: M2-4:2 FTS	93.9		"	75.2	125		50-200				



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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BC31582 - EPA 533

Matrix Spike (BC31582-MS1)	*Source sample: 23C1254-01 (Well 1-1 Ran to Waste)						Prepared: 03/24/2023 Analyzed: 03/30/2023				
ADONA	142	1.00	ng/L	37.8	ND	375	70-130	High Bias			
9CL-PF3ONS	140	1.00	"	37.4	ND	376	70-130	High Bias			
11CL-PF3OUdS	113	1.00	"	37.8	ND	299	70-130	High Bias			
HFPO-DA (Gen-X)	204	1.00	"	40.0	ND	511	70-130	High Bias			
Perfluorobutanesulfonic acid (PFBS)	162	1.00	"	35.5	1.14	452	70-130	High Bias			
Perfluorodecanoic acid (PFDA)	150	1.00	"	40.0	ND	374	70-130	High Bias			
Perfluorododecanoic acid (PFDoA)	163	1.00	"	40.0	ND	408	70-130	High Bias			
Perfluoroheptanoic acid (PFHpA)	159	1.00	"	40.0	1.20	396	70-130	High Bias			
Perfluorohexanesulfonic acid (PFHxS)	139	1.00	"	36.5	2.64	375	70-130	High Bias			
Perfluorohexanoic acid (PFHxA)	174	1.00	"	40.0	4.63	424	70-130	High Bias			
Perfluorononanoic acid (PFNA)	179	1.00	"	40.0	0.739	447	70-130	High Bias			
Perfluorooctanesulfonic acid (PFOS)	181	1.00	"	37.1	9.48	463	70-130	High Bias			
Perfluorooctanoic acid (PFOA)	185	1.00	"	40.0	6.25	447	70-130	High Bias			
Perfluoroundecanoic acid (PFUnA)	163	1.00	"	40.0	ND	407	70-130	High Bias			
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	144	1.00	"	37.5	ND	382	70-130	High Bias			
Perfluoro-1-pentanesulfonate (PFPeS)	134	1.00	"	37.6	ND	357	70-130	High Bias			
Perfluoro-n-butanoic acid (PFBA)	165	1.00	"	40.0	3.94	404	70-130	High Bias			
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	143	2.00	"	38.4	ND	373	70-130	High Bias			
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	165	2.00	"	38.1	ND	435	70-130	High Bias			
Perfluoro-1-heptanesulfonic acid (PFHpS)	164	1.00	"	38.2	ND	430	70-130	High Bias			
Perfluoropentanoic acid (PFPeA)	191	1.00	"	40.0	6.63	461	70-130	High Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	159	1.00	"	40.0	ND	397	70-130	High Bias			
Perfluoro-4-oxapentanoic acid (PFMPA)	149	1.00	"	40.0	ND	373	70-130	High Bias			
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	146	1.00	"	40.0	ND	364	70-130	High Bias			
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	136	1.00	"	35.7	ND	380	70-130	High Bias			
Surrogate: MPFDoA	3.45		"	20.0		17.2	50-200				
Surrogate: MPFBA	4.66		"	20.0		23.3	50-200				
Surrogate: M9PFNA	4.66		"	20.0		23.3	50-200				
Surrogate: M8PFOS	4.05		"	19.2		21.1	50-200				
Surrogate: M8PFOA	3.99		"	20.0		19.9	50-200				
Surrogate: M7PFUdA	3.89		"	20.0		19.4	50-200				
Surrogate: M6PFDA	4.46		"	20.0		22.3	50-200				
Surrogate: M5PFPeA	4.22		"	20.0		21.1	50-200				
Surrogate: M5PFHxA	3.97		"	20.0		19.9	50-200				
Surrogate: M4PFHpA	4.56		"	20.0		22.8	50-200				
Surrogate: M3PFHxS	3.97		"	19.0		20.9	50-200				
Surrogate: M3PFBS	3.57		"	18.6		19.2	50-200				
Surrogate: M3HFPO-DA	4.00		"	20.0		20.0	50-200				
Surrogate: M2-8:2 FTS	22.2		"	76.8		28.9	50-200				
Surrogate: M2-6:2 FTS	25.2		"	76.0		33.1	50-200				
Surrogate: M2-4:2 FTS	23.9		"	75.2		31.7	50-200				



**PFAS Target compounds by LC/MS-MS - Quality Control Data**  
**York Analytical Laboratories, Inc. - Stratford**

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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**Batch BC31592 - EPA 537.1 SPE DVB**

**Blank (BC31592-BLK1)**

Prepared: 03/23/2023 Analyzed: 03/28/2023

Perfluorotridecanoic acid (PFTTrDA)	ND	2.00	ng/L								
Perfluorotetradecanoic acid (PFTA)	ND	2.00	"								
N-MeFOSAA	ND	2.00	"								
N-EtFOSAA	ND	2.00	"								
<i>Surrogate: d5-N-EtFOSAA</i>	261		"	320		81.6	70-130				
<i>Surrogate: MPFDA</i>	66.7		"	80.0		83.3	70-130				
<i>Surrogate: MPFHxA</i>	63.3		"	80.0		79.1	70-130				
<i>Surrogate: M3HFPO-DA</i>	59.9		"	80.0		74.9	70-130				

**LCS (BC31592-BS2)**

Prepared: 03/23/2023 Analyzed: 03/28/2023

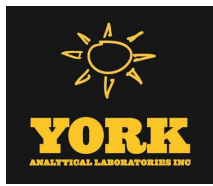
Perfluorotridecanoic acid (PFTTrDA)	33.3	2.00	ng/L	40.0		83.3	70-130				
Perfluorotetradecanoic acid (PFTA)	28.5	2.00	"	40.0		71.3	70-130				
N-MeFOSAA	31.5	2.00	"	40.0		78.8	70-130				
N-EtFOSAA	33.4	2.00	"	40.0		83.5	70-130				
<i>Surrogate: d5-N-EtFOSAA</i>	301		"	320		94.1	70-130				
<i>Surrogate: MPFDA</i>	64.9		"	80.0		81.1	70-130				
<i>Surrogate: MPFHxA</i>	64.1		"	80.0		80.1	70-130				
<i>Surrogate: M3HFPO-DA</i>	62.4		"	80.0		78.0	70-130				

**Duplicate (BC31592-DUP1)**

\*Source sample: 23C1254-07 (GAC Blended Effluent Ran to Waste)

Prepared: 03/23/2023 Analyzed: 03/28/2023

Perfluorotridecanoic acid (PFTTrDA)	ND	0.926	ng/L		ND					25	
Perfluorotetradecanoic acid (PFTA)	ND	0.926	"		ND					25	
N-MeFOSAA	ND	0.926	"		ND					25	
N-EtFOSAA	ND	0.926	"		ND					25	
<i>Surrogate: d5-N-EtFOSAA</i>	127		"	148		85.6	70-130				
<i>Surrogate: MPFDA</i>	29.0		"	37.0		78.4	70-130				
<i>Surrogate: MPFHxA</i>	26.4		"	37.0		71.4	70-130				
<i>Surrogate: M3HFPO-DA</i>	26.3		"	37.0		70.9	70-130				



**PFAS Target compounds by LC/MS-MS - Quality Control Data**  
**York Analytical Laboratories, Inc. - Stratford**

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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**Batch BC31592 - EPA 537.1 SPE DVB**

<b>Matrix Spike (BC31592-MS1)</b>	<b>*Source sample: 23C1254-09 (Well 2-1 Ran to Waste)</b>						<b>Prepared: 03/23/2023 Analyzed: 03/28/2023</b>				
Perfluorotridecanoic acid (PFTrDA)	21.4	0.926	ng/L	37.0	ND	57.7	70-130	Low Bias			
Perfluorotetradecanoic acid (PFTA)	23.0	0.926	"	37.0	ND	62.2	70-130	Low Bias			
N-MeFOSAA	26.6	0.926	"	37.0	ND	71.9	70-130				
N-EtFOSAA	25.7	0.926	"	37.0	ND	69.5	70-130	Low Bias			
<i>Surrogate: d5-N-EtFOSAA</i>	<i>116</i>		<i>"</i>	<i>148</i>		<i>78.4</i>	<i>70-130</i>				
<i>Surrogate: MPFDA</i>	<i>33.1</i>		<i>"</i>	<i>37.0</i>		<i>89.5</i>	<i>70-130</i>				
<i>Surrogate: MPFHxA</i>	<i>29.8</i>		<i>"</i>	<i>37.0</i>		<i>80.4</i>	<i>70-130</i>				
<i>Surrogate: M3HFPO-DA</i>	<i>27.8</i>		<i>"</i>	<i>37.0</i>		<i>75.1</i>	<i>70-130</i>				

**Batch BC31661 - EPA 537.1 SPE DVB**

<b>Blank (BC31661-BLK1)</b>	<b>Prepared: 03/24/2023 Analyzed: 03/27/2023</b>										
Perfluorotridecanoic acid (PFTrDA)	ND	2.00	ng/L								
Perfluorotetradecanoic acid (PFTA)	ND	2.00	"								
N-MeFOSAA	ND	2.00	"								
N-EtFOSAA	ND	2.00	"								
<i>Surrogate: d5-N-EtFOSAA</i>	<i>339</i>		<i>"</i>	<i>320</i>		<i>106</i>	<i>70-130</i>				
<i>Surrogate: MPFDA</i>	<i>70.0</i>		<i>"</i>	<i>80.0</i>		<i>87.5</i>	<i>70-130</i>				
<i>Surrogate: MPFHxA</i>	<i>62.0</i>		<i>"</i>	<i>80.0</i>		<i>77.5</i>	<i>70-130</i>				
<i>Surrogate: M3HFPO-DA</i>	<i>63.3</i>		<i>"</i>	<i>80.0</i>		<i>79.1</i>	<i>70-130</i>				

**LCS (BC31661-BS1)**

<b>LCS (BC31661-BS1)</b>	<b>Prepared: 03/24/2023 Analyzed: 03/28/2023</b>										
Perfluorotridecanoic acid (PFTrDA)	33.3	2.00	ng/L	40.0		83.4	70-130				
Perfluorotetradecanoic acid (PFTA)	30.9	2.00	"	40.0		77.3	70-130				
N-MeFOSAA	31.3	2.00	"	40.0		78.3	70-130				
N-EtFOSAA	33.7	2.00	"	40.0		84.3	70-130				
<i>Surrogate: d5-N-EtFOSAA</i>	<i>322</i>		<i>"</i>	<i>320</i>		<i>101</i>	<i>70-130</i>				
<i>Surrogate: MPFDA</i>	<i>76.7</i>		<i>"</i>	<i>80.0</i>		<i>95.9</i>	<i>70-130</i>				
<i>Surrogate: MPFHxA</i>	<i>65.5</i>		<i>"</i>	<i>80.0</i>		<i>81.9</i>	<i>70-130</i>				
<i>Surrogate: M3HFPO-DA</i>	<i>63.1</i>		<i>"</i>	<i>80.0</i>		<i>78.9</i>	<i>70-130</i>				



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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BC31661 - EPA 537.1 SPE DVB

LCS (BC31661-BS2)

Prepared: 03/24/2023 Analyzed: 03/27/2023

Perfluorotridecanoic acid (PFTTrDA)	4.12	2.00	ng/L	4.00		103	70-130				
Perfluorotetradecanoic acid (PFTA)	3.73	2.00	"	4.00		93.2	70-130				
N-MeFOSAA	3.72	2.00	"	4.00		93.0	70-130				
N-EtFOSAA	3.83	2.00	"	4.00		95.8	70-130				
Surrogate: d5-N-EtFOSAA	323		"	320		101	70-130				
Surrogate: MPFDA	64.8		"	80.0		81.0	70-130				
Surrogate: MPFHxA	61.7		"	80.0		77.1	70-130				
Surrogate: M3HFPO-DA	60.6		"	80.0		75.8	70-130				

Duplicate (BC31661-DUP1)

\*Source sample: 23C1285-01 (Duplicate)

Prepared: 03/24/2023 Analyzed: 03/28/2023

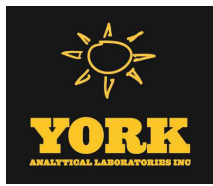
Perfluorotridecanoic acid (PFTTrDA)	ND	2.00	ng/L		ND					25	
Perfluorotetradecanoic acid (PFTA)	ND	2.00	"		ND					25	
N-MeFOSAA	ND	2.00	"		ND					25	
N-EtFOSAA	ND	2.00	"		ND					25	
Surrogate: d5-N-EtFOSAA	291		"	320		91.0	70-130				
Surrogate: MPFDA	70.2		"	80.0		87.8	70-130				
Surrogate: MPFHxA	57.9		"	80.0		72.3	70-130				
Surrogate: M3HFPO-DA	57.8		"	80.0		72.3	70-130				

Matrix Spike (BC31661-MS1)

\*Source sample: 23C1254-13 (Well 3-1)

Prepared: 03/24/2023 Analyzed: 03/27/2023

Perfluorotridecanoic acid (PFTTrDA)	55.8	2.00	ng/L	80.0	ND	69.7	70-130	Low Bias			
Perfluorotetradecanoic acid (PFTA)	51.1	2.00	"	80.0	ND	63.9	70-130	Low Bias			
N-MeFOSAA	65.6	2.00	"	80.0	ND	82.0	70-130				
N-EtFOSAA	62.4	2.00	"	80.0	ND	78.0	70-130				
Surrogate: d5-N-EtFOSAA	291		"	320		91.1	70-130				
Surrogate: MPFDA	73.0		"	80.0		91.3	70-130				
Surrogate: MPFHxA	58.1		"	80.0		72.6	70-130				
Surrogate: M3HFPO-DA	53.3		"	80.0		66.6	70-130				



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

York Analytical Laboratories, Inc. - Stratford

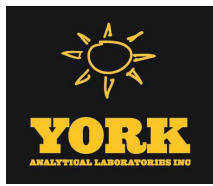
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BC31857 - EPA 533

Blank (BC31857-BLK1)

Prepared: 03/28/2023 Analyzed: 03/30/2023

ADONA	ND	1.00	ng/L								
9CL-PF3ONS	ND	1.00	"								
11CL-PF3OUdS	ND	1.00	"								
HFPO-DA (Gen-X)	ND	1.00	"								
Perfluorobutanesulfonic acid (PFBS)	ND	1.00	"								
Perfluorodecanoic acid (PFDA)	ND	1.00	"								
Perfluorododecanoic acid (PFDoA)	ND	1.00	"								
Perfluoroheptanoic acid (PFHpA)	ND	1.00	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	1.00	"								
Perfluorohexanoic acid (PFHxA)	ND	1.00	"								
Perfluorononanoic acid (PFNA)	ND	1.00	"								
Perfluorooctanesulfonic acid (PFOS)	ND	1.00	"								
Perfluorooctanoic acid (PFOA)	ND	1.00	"								
Perfluoroundecanoic acid (PFUnA)	ND	1.00	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	1.00	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	1.00	"								
Perfluoro-n-butanoic acid (PFBA)	ND	1.00	"								
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	1.00	"								
Perfluoropentanoic acid (PFPeA)	ND	1.00	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.00	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.00	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.00	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND	1.00	"								
Surrogate: MPFDoA	15.7		"	20.0		78.6	50-200				
Surrogate: MPFBA	17.2		"	20.0		86.0	50-200				
Surrogate: M9PFNA	20.1		"	20.0		100	50-200				
Surrogate: M8PFOS	17.6		"	19.2		91.7	50-200				
Surrogate: M8PFOA	16.7		"	20.0		83.6	50-200				
Surrogate: M7PFUdA	18.2		"	20.0		91.0	50-200				
Surrogate: M6PFDA	19.2		"	20.0		95.8	50-200				
Surrogate: M5PFPeA	17.9		"	20.0		89.3	50-200				
Surrogate: M5PFHxA	15.4		"	20.0		76.8	50-200				
Surrogate: M4PFHpA	17.7		"	20.0		88.3	50-200				
Surrogate: M3PFHxS	14.3		"	19.0		75.4	50-200				
Surrogate: M3PFBS	14.4		"	18.6		77.3	50-200				
Surrogate: M3HFPO-DA	13.3		"	20.0		66.7	50-200				
Surrogate: M2-8:2 FTS	114		"	76.8		148	50-200				
Surrogate: M2-6:2 FTS	92.7		"	76.0		122	50-200				
Surrogate: M2-4:2 FTS	74.0		"	75.2		98.5	50-200				



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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BC31857 - EPA 533

LCS (BC31857-BS1)

Prepared: 03/28/2023 Analyzed: 03/30/2023

ADONA	14.9	1.00	ng/L	18.9		79.0	70-130				
9CL-PF3ONS	15.4	1.00	"	18.7		82.2	70-130				
11CL-PF3OUdS	15.4	1.00	"	18.9		81.4	70-130				
HFPO-DA (Gen-X)	21.8	1.00	"	20.0		109	70-130				
Perfluorobutanesulfonic acid (PFBS)	16.8	1.00	"	17.8		94.3	70-130				
Perfluorodecanoic acid (PFDA)	19.2	1.00	"	20.0		95.8	70-130				
Perfluorododecanoic acid (PFDoA)	18.2	1.00	"	20.0		91.2	70-130				
Perfluoroheptanoic acid (PFHpA)	15.5	1.00	"	20.0		77.7	70-130				
Perfluorohexanesulfonic acid (PFHxS)	17.9	1.00	"	18.2		97.9	70-130				
Perfluorohexanoic acid (PFHxA)	18.2	1.00	"	20.0		91.0	70-130				
Perfluorononanoic acid (PFNA)	16.2	1.00	"	20.0		80.8	70-130				
Perfluorooctanesulfonic acid (PFOS)	17.1	1.00	"	18.6		92.2	70-130				
Perfluorooctanoic acid (PFOA)	19.6	1.00	"	20.0		97.9	70-130				
Perfluoroundecanoic acid (PFUnA)	18.0	1.00	"	20.0		90.0	70-130				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	17.0	1.00	"	18.8		90.5	70-130				
Perfluoro-1-pentanesulfonate (PFPeS)	16.8	1.00	"	18.8		89.5	70-130				
Perfluoro-n-butanoic acid (PFBA)	18.0	1.00	"	20.0		90.1	70-130				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	18.9	2.00	"	19.2		98.3	70-130				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	18.3	2.00	"	19.0		96.3	70-130				
Perfluoro-1-heptanesulfonic acid (PFHpS)	15.9	1.00	"	19.1		83.3	70-130				
Perfluoropentanoic acid (PFPeA)	17.5	1.00	"	20.0		87.6	70-130				
Perfluoro-5-oxahexanoic acid (PFMBA)	18.4	1.00	"	20.0		92.1	70-130				
Perfluoro-4-oxapentanoic acid (PFMPA)	17.8	1.00	"	20.0		88.9	70-130				
Perfluoro-3,6-dioxahexanoic acid (NFDHA)	18.7	1.00	"	20.0		93.5	70-130				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	15.3	1.00	"	17.8		86.0	70-130				
Surrogate: MPFDoA	18.8		"	20.0		94.0	50-200				
Surrogate: MPFBA	17.8		"	20.0		89.0	50-200				
Surrogate: M9PFNA	19.7		"	20.0		98.5	50-200				
Surrogate: M8PFOS	16.9		"	19.2		88.3	50-200				
Surrogate: M8PFOA	17.1		"	20.0		85.4	50-200				
Surrogate: M7PFUdA	18.9		"	20.0		94.7	50-200				
Surrogate: M6PFDA	18.3		"	20.0		91.3	50-200				
Surrogate: M5PFPeA	18.5		"	20.0		92.5	50-200				
Surrogate: M5PFHxA	15.4		"	20.0		76.8	50-200				
Surrogate: M4PFHpA	19.2		"	20.0		96.2	50-200				
Surrogate: M3PFHxS	15.0		"	19.0		79.1	50-200				
Surrogate: M3PFBS	14.7		"	18.6		79.0	50-200				
Surrogate: M3HFPO-DA	14.7		"	20.0		73.3	50-200				
Surrogate: M2-8:2 FTS	113		"	76.8		147	50-200				
Surrogate: M2-6:2 FTS	103		"	76.0		136	50-200				
Surrogate: M2-4:2 FTS	75.3		"	75.2		100	50-200				



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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BC31857 - EPA 533

Duplicate (BC31857-DUP1)

\*Source sample: 23C1254-11 (Well 2-2)

Prepared: 03/28/2023 Analyzed: 03/30/2023

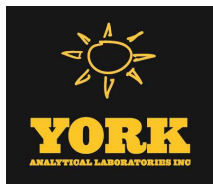
ADONA	ND	0.862	ng/L		ND					30	
9CL-PF3ONS	ND	0.862	"		ND					30	
11CL-PF3OUdS	ND	0.862	"		ND					30	
HFPO-DA (Gen-X)	ND	0.862	"		ND					30	
Perfluorobutanesulfonic acid (PFBS)	1.02	0.862	"		1.23				19.0	30	
Perfluorodecanoic acid (PFDA)	ND	0.862	"		ND					30	
Perfluorododecanoic acid (PFDoA)	ND	0.862	"		ND					30	
Perfluoroheptanoic acid (PFHpA)	ND	0.862	"		ND					30	
Perfluorohexanesulfonic acid (PFHxS)	1.81	0.862	"		1.65				9.20	30	
Perfluorohexanoic acid (PFHxA)	1.18	0.862	"		1.13				4.41	30	
Perfluorononanoic acid (PFNA)	ND	0.862	"		ND					30	
Perfluorooctanesulfonic acid (PFOS)	ND	0.862	"		ND					30	
Perfluorooctanoic acid (PFOA)	ND	0.862	"		0.871					30	
Perfluoroundecanoic acid (PFUnA)	ND	0.862	"		ND					30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	0.862	"		ND					30	
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.862	"		ND					30	
Perfluoro-n-butanoic acid (PFBA)	0.938	0.862	"		0.875				6.95	30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	1.72	"		ND					30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	1.72	"		ND					30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.862	"		ND					30	
Perfluoropentanoic acid (PFPeA)	1.21	0.862	"		1.31				7.80	30	
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.862	"		ND					30	
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.862	"		ND					30	
Perfluoro-3,6-dioxahexanoic acid (NFDHA)	ND	0.862	"		ND					30	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND	0.862	"		ND					30	
Surrogate: MPFDoA	15.9		"	17.2		92.2	50-200				
Surrogate: MPFBA	15.4		"	17.2		89.4	50-200				
Surrogate: M9PFNA	16.6		"	17.2		96.1	50-200				
Surrogate: M8PFOS	14.3		"	16.5		86.4	50-200				
Surrogate: M8PFOA	15.4		"	17.2		89.1	50-200				
Surrogate: M7PFUdA	16.5		"	17.2		95.8	50-200				
Surrogate: M6PFDA	16.3		"	17.2		94.6	50-200				
Surrogate: M5PFPeA	16.3		"	17.2		94.7	50-200				
Surrogate: M5PFHxA	13.8		"	17.2		80.2	50-200				
Surrogate: M4PFHpA	16.1		"	17.2		93.3	50-200				
Surrogate: M3PFHxS	12.5		"	16.3		76.3	50-200				
Surrogate: M3PFBS	12.3		"	16.1		76.6	50-200				
Surrogate: M3HFPO-DA	14.3		"	17.2		83.0	50-200				
Surrogate: M2-8:2 FTS	90.9		"	66.2		137	50-200				
Surrogate: M2-6:2 FTS	85.3		"	65.5		130	50-200				
Surrogate: M2-4:2 FTS	65.2		"	64.8		101	50-200				



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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag	
<b>Batch BC31857 - EPA 533</b>												
<b>Matrix Spike (BC31857-MS1)</b>	*Source sample: 23C1254-07 (GAC Blended Effluent Ran to Waste)						Prepared: 03/28/2023 Analyzed: 03/30/2023					
ADONA	28.5	0.862	ng/L	32.6	ND	87.2	70-130					
9CL-PF3ONS	27.1	0.862	"	32.2	ND	84.0	70-130					
11CL-PF3OUdS	25.2	0.862	"	32.6	ND	77.5	70-130					
HFPO-DA (Gen-X)	31.0	0.862	"	34.5	ND	89.8	70-130					
Perfluorobutanesulfonic acid (PFBS)	32.9	0.862	"	30.6	ND	108	70-130					
Perfluorodecanoic acid (PFDA)	34.9	0.862	"	34.5	ND	101	70-130					
Perfluorododecanoic acid (PFDoA)	33.7	0.862	"	34.5	ND	97.6	70-130					
Perfluoroheptanoic acid (PFHpA)	32.4	0.862	"	34.5	ND	94.0	70-130					
Perfluorohexanesulfonic acid (PFHxS)	30.6	0.862	"	31.4	ND	97.3	70-130					
Perfluorohexanoic acid (PFHxA)	38.0	0.862	"	34.5	ND	110	70-130					
Perfluorononanoic acid (PFNA)	35.5	0.862	"	34.5	ND	103	70-130					
Perfluorooctanesulfonic acid (PFOS)	32.4	0.862	"	32.0	ND	101	70-130					
Perfluorooctanoic acid (PFOA)	35.4	0.862	"	34.5	ND	103	70-130					
Perfluoroundecanoic acid (PFUnA)	34.6	0.862	"	34.5	ND	100	70-130					
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	34.3	0.862	"	32.3	ND	106	70-130					
Perfluoro-1-pentanesulfonate (PFPeS)	28.9	0.862	"	32.4	ND	89.3	70-130					
Perfluoro-n-butanoic acid (PFBA)	52.4	0.862	"	34.5	ND	152	70-130	High Bias				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	34.5	1.72	"	33.1	ND	104	70-130					
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	32.9	1.72	"	32.8	ND	100	70-130					
Perfluoro-1-heptanesulfonic acid (PFHpS)	32.9	0.862	"	32.9	ND	100	70-130					
Perfluoropentanoic acid (PFPeA)	47.8	0.862	"	34.5	ND	139	70-130	High Bias				
Perfluoro-5-oxahexanoic acid (PFMBA)	34.3	0.862	"	34.5	ND	99.6	70-130					
Perfluoro-4-oxapentanoic acid (PFMPA)	34.5	0.862	"	34.5	ND	100	70-130					
Perfluoro-3,6-dioxahexanoic acid (NFDHA)	36.9	0.862	"	34.5	ND	107	70-130					
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	29.9	0.862	"	30.8	ND	97.1	70-130					
Surrogate: MPFDoA	12.5		"	17.2		72.5	50-200					
Surrogate: MPFBA	14.3		"	17.2		82.8	50-200					
Surrogate: M9PFNA	13.3		"	17.2		77.2	50-200					
Surrogate: M8PFOS	13.2		"	16.5		79.6	50-200					
Surrogate: M8PFOA	13.6		"	17.2		78.8	50-200					
Surrogate: M7PFUdA	13.2		"	17.2		76.3	50-200					
Surrogate: M6PFDA	13.7		"	17.2		79.6	50-200					
Surrogate: M5PFPeA	14.4		"	17.2		83.5	50-200					
Surrogate: M5PFHxA	12.1		"	17.2		70.1	50-200					
Surrogate: M4PFHpA	14.2		"	17.2		82.4	50-200					
Surrogate: M3PFHxS	12.2		"	16.3		74.6	50-200					
Surrogate: M3PFBS	11.3		"	16.1		70.1	50-200					
Surrogate: M3HFPO-DA	13.4		"	17.2		77.8	50-200					
Surrogate: M2-8:2 FTS	100		"	66.2		152	50-200					
Surrogate: M2-6:2 FTS	85.8		"	65.5		131	50-200					
Surrogate: M2-4:2 FTS	57.1		"	64.8		88.0	50-200					



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

York Analytical Laboratories, Inc. - Stratford

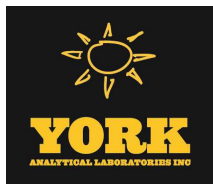
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BC31961 - EPA 533

Blank (BC31961-BLK1)

Prepared: 03/29/2023 Analyzed: 03/30/2023

ADONA	ND	1.00	ng/L								
9CL-PF3ONS	ND	1.00	"								
11CL-PF3OUdS	ND	1.00	"								
HFPO-DA (Gen-X)	ND	1.00	"								
Perfluorobutanesulfonic acid (PFBS)	ND	1.00	"								
Perfluorodecanoic acid (PFDA)	ND	1.00	"								
Perfluorododecanoic acid (PFDoA)	ND	1.00	"								
Perfluoroheptanoic acid (PFHpA)	ND	1.00	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	1.00	"								
Perfluorohexanoic acid (PFHxA)	ND	1.00	"								
Perfluorononanoic acid (PFNA)	ND	1.00	"								
Perfluorooctanesulfonic acid (PFOS)	ND	1.00	"								
Perfluorooctanoic acid (PFOA)	ND	1.00	"								
Perfluoroundecanoic acid (PFUnA)	ND	1.00	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	1.00	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	1.00	"								
Perfluoro-n-butanoic acid (PFBA)	ND	1.00	"								
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	1.00	"								
Perfluoropentanoic acid (PFPeA)	ND	1.00	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.00	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.00	"								
Perfluoro-3,6-dioxahexanoic acid (NFDHA)	ND	1.00	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND	1.00	"								
Surrogate: MPFDoA	21.0		"	20.0		105	50-200				
Surrogate: MPFBA	22.1		"	20.0		111	50-200				
Surrogate: M9PFNA	18.0		"	20.0		90.2	50-200				
Surrogate: M8PFOS	21.1		"	19.2		110	50-200				
Surrogate: M8PFOA	22.3		"	20.0		112	50-200				
Surrogate: M7PFUdA	22.4		"	20.0		112	50-200				
Surrogate: M6PFDA	20.6		"	20.0		103	50-200				
Surrogate: M5PFPeA	21.6		"	20.0		108	50-200				
Surrogate: M5PFHxA	25.1		"	20.0		125	50-200				
Surrogate: M4PFHpA	24.4		"	20.0		122	50-200				
Surrogate: M3PFHxS	22.6		"	19.0		119	50-200				
Surrogate: M3PFBS	26.6		"	18.6		143	50-200				
Surrogate: M3HFPO-DA	25.8		"	20.0		129	50-200				
Surrogate: M2-8:2 FTS	116		"	76.8		151	50-200				
Surrogate: M2-6:2 FTS	114		"	76.0		149	50-200				
Surrogate: M2-4:2 FTS	126		"	75.2		167	50-200				



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

York Analytical Laboratories, Inc. - Stratford

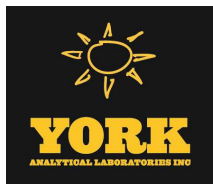
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BC31961 - EPA 533

LCS (BC31961-BS2)

Prepared: 03/29/2023 Analyzed: 03/30/2023

ADONA	14.9	1.00	ng/L	18.9		78.8	70-130				
9CL-PF3ONS	14.0	1.00	"	18.7		75.0	70-130				
11CL-PF3OUdS	14.6	1.00	"	18.9		77.1	70-130				
HFPO-DA (Gen-X)	20.9	1.00	"	20.0		104	70-130				
Perfluorobutanesulfonic acid (PFBS)	17.4	1.00	"	17.8		98.2	70-130				
Perfluorodecanoic acid (PFDA)	19.1	1.00	"	20.0		95.6	70-130				
Perfluorododecanoic acid (PFDoA)	19.3	1.00	"	20.0		96.3	70-130				
Perfluoroheptanoic acid (PFHpA)	16.0	1.00	"	20.0		80.0	70-130				
Perfluorohexanesulfonic acid (PFHxS)	15.7	1.00	"	18.2		86.3	70-130				
Perfluorohexanoic acid (PFHxA)	19.0	1.00	"	20.0		94.9	70-130				
Perfluorononanoic acid (PFNA)	16.2	1.00	"	20.0		80.9	70-130				
Perfluorooctanesulfonic acid (PFOS)	16.2	1.00	"	18.6		87.5	70-130				
Perfluorooctanoic acid (PFOA)	19.7	1.00	"	20.0		98.4	70-130				
Perfluoroundecanoic acid (PFUnA)	18.0	1.00	"	20.0		89.9	70-130				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	17.6	1.00	"	18.8		93.9	70-130				
Perfluoro-1-pentanesulfonate (PFPeS)	17.1	1.00	"	18.8		91.0	70-130				
Perfluoro-n-butanoic acid (PFBA)	18.3	1.00	"	20.0		91.5	70-130				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	17.5	2.00	"	19.2		91.4	70-130				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	17.4	2.00	"	19.0		91.5	70-130				
Perfluoro-1-heptanesulfonic acid (PFHpS)	15.1	1.00	"	19.1		79.3	70-130				
Perfluoropentanoic acid (PFPeA)	18.5	1.00	"	20.0		92.6	70-130				
Perfluoro-5-oxahexanoic acid (PFMBA)	17.9	1.00	"	20.0		89.6	70-130				
Perfluoro-4-oxapentanoic acid (PFMPA)	18.3	1.00	"	20.0		91.7	70-130				
Perfluoro-3,6-dioxahexanoic acid (NFDHA)	19.6	1.00	"	20.0		97.8	70-130				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	16.2	1.00	"	17.8		90.9	70-130				
Surrogate: MPFDoA	18.3		"	20.0		91.3	50-200				
Surrogate: MPFBA	19.2		"	20.0		96.2	50-200				
Surrogate: M9PFNA	20.2		"	20.0		101	50-200				
Surrogate: M8PFOS	19.0		"	19.2		99.3	50-200				
Surrogate: M8PFOA	18.6		"	20.0		92.9	50-200				
Surrogate: M7PFUdA	19.2		"	20.0		96.1	50-200				
Surrogate: M6PFDA	18.8		"	20.0		93.9	50-200				
Surrogate: M5PFPeA	19.2		"	20.0		96.1	50-200				
Surrogate: M5PFHxA	17.3		"	20.0		86.6	50-200				
Surrogate: M4PFHpA	20.4		"	20.0		102	50-200				
Surrogate: M3PFHxS	17.3		"	19.0		91.5	50-200				
Surrogate: M3PFBS	16.4		"	18.6		88.2	50-200				
Surrogate: M3HFPO-DA	19.8		"	20.0		98.8	50-200				
Surrogate: M2-8:2 FTS	91.5		"	76.8		119	50-200				
Surrogate: M2-6:2 FTS	95.2		"	76.0		125	50-200				
Surrogate: M2-4:2 FTS	82.4		"	75.2		110	50-200				



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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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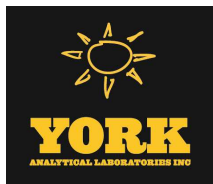
Batch BC31961 - EPA 533

Duplicate (BC31961-DUP1)

\*Source sample: 23C1326-02 (Duplicate)

Prepared: 03/29/2023 Analyzed: 03/30/2023

ADONA	ND	1.00	ng/L		ND						30
9CL-PF3ONS	ND	1.00	"		ND						30
11CL-PF3OUdS	ND	1.00	"		ND						30
HFPO-DA (Gen-X)	ND	1.00	"		ND						30
Perfluorobutanesulfonic acid (PFBS)	ND	1.00	"		ND						30
Perfluorodecanoic acid (PFDA)	ND	1.00	"		ND						30
Perfluorododecanoic acid (PFDoA)	ND	1.00	"		ND						30
Perfluoroheptanoic acid (PFHpA)	ND	1.00	"		ND						30
Perfluorohexanesulfonic acid (PFHxS)	ND	1.00	"		ND						30
Perfluorohexanoic acid (PFHxA)	ND	1.00	"		ND						30
Perfluorononanoic acid (PFNA)	ND	1.00	"		ND						30
Perfluorooctanesulfonic acid (PFOS)	ND	1.00	"		ND						30
Perfluorooctanoic acid (PFOA)	0.956	1.00	"		ND				6.84		30
Perfluoroundecanoic acid (PFUnA)	ND	1.00	"		ND						30
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	1.00	"		ND						30
Perfluoro-1-pentanesulfonate (PFPeS)	ND	1.00	"		ND						30
Perfluoro-n-butanoic acid (PFBA)	1.26	1.00	"		1.21				3.96		30
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	2.00	"		ND						30
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	2.00	"		ND						30
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	1.00	"		ND						30
Perfluoropentanoic acid (PFPeA)	ND	1.00	"		ND						30
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.00	"		ND						30
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.00	"		ND						30
Perfluoro-3,6-dioxahexanoic acid (NFDHA)	ND	1.00	"		ND						30
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND	1.00	"		ND						30
Surrogate: MPFDoA	21.4		"	20.0		107	50-200				
Surrogate: MPFBA	21.8		"	20.0		109	50-200				
Surrogate: M9PFNA	24.2		"	20.0		121	50-200				
Surrogate: M8PFOS	21.0		"	19.2		109	50-200				
Surrogate: M8PFOA	20.8		"	20.0		104	50-200				
Surrogate: M7PFUdA	21.6		"	20.0		108	50-200				
Surrogate: M6PFDA	22.9		"	20.0		114	50-200				
Surrogate: M5PFPeA	20.7		"	20.0		103	50-200				
Surrogate: M5PFHxA	19.2		"	20.0		96.1	50-200				
Surrogate: M4PFHpA	23.1		"	20.0		116	50-200				
Surrogate: M3PFHxS	18.5		"	19.0		97.7	50-200				
Surrogate: M3PFBS	17.6		"	18.6		94.7	50-200				
Surrogate: M3HFPO-DA	19.8		"	20.0		98.9	50-200				
Surrogate: M2-8:2 FTS	105		"	76.8		136	50-200				
Surrogate: M2-6:2 FTS	107		"	76.0		140	50-200				
Surrogate: M2-4:2 FTS	94.5		"	75.2		126	50-200				



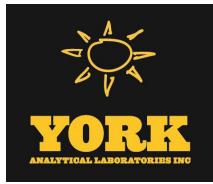
PFAS Target compounds by LC/MS-MS - Quality Control Data

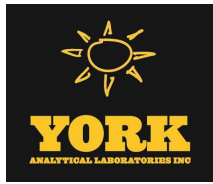
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BC31961 - EPA 533

Matrix Spike (BC31961-MS1)	*Source sample: 23C1323-03 (Matrix Spike)						Prepared: 03/29/2023 Analyzed: 03/30/2023	
ADONA	32.3	1.00	ng/L	37.8	ND	85.3	70-130	
9CL-PF3ONS	35.0	1.00	"	37.4	ND	93.8	70-130	
11CL-PF3OUdS	36.4	1.00	"	37.8	ND	96.3	70-130	
HFPO-DA (Gen-X)	52.4	1.00	"	40.0	ND	131	70-130	High Bias
Perfluorobutanesulfonic acid (PFBS)	38.2	1.00	"	35.5	ND	108	70-130	
Perfluorodecanoic acid (PFDA)	39.4	1.00	"	40.0	ND	98.4	70-130	
Perfluorododecanoic acid (PFDoA)	42.0	1.00	"	40.0	ND	105	70-130	
Perfluoroheptanoic acid (PFHpA)	39.1	1.00	"	40.0	3.00	90.2	70-130	
Perfluorohexanesulfonic acid (PFHxS)	34.8	1.00	"	36.5	ND	95.4	70-130	
Perfluorohexanoic acid (PFHxA)	43.4	1.00	"	40.0	3.18	101	70-130	
Perfluorononanoic acid (PFNA)	41.8	1.00	"	40.0	1.24	101	70-130	
Perfluorooctanesulfonic acid (PFOS)	40.3	1.00	"	37.1	ND	109	70-130	
Perfluorooctanoic acid (PFOA)	46.7	1.00	"	40.0	2.65	110	70-130	
Perfluoroundecanoic acid (PFUnA)	39.3	1.00	"	40.0	ND	98.3	70-130	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	37.7	1.00	"	37.5	ND	100	70-130	
Perfluoro-1-pentanesulfonate (PFPeS)	35.6	1.00	"	37.6	ND	94.6	70-130	
Perfluoro-n-butanoic acid (PFBA)	43.3	1.00	"	40.0	1.85	104	70-130	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	42.6	2.00	"	38.4	ND	111	70-130	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	39.6	2.00	"	38.1	ND	104	70-130	
Perfluoro-1-heptanesulfonic acid (PFHpS)	41.0	1.00	"	38.2	ND	108	70-130	
Perfluoropentanoic acid (PFPeA)	46.4	1.00	"	40.0	4.97	104	70-130	
Perfluoro-5-oxahexanoic acid (PFMBA)	38.8	1.00	"	40.0	ND	97.1	70-130	
Perfluoro-4-oxapentanoic acid (PFMPA)	40.9	1.00	"	40.0	ND	102	70-130	
Perfluoro-3,6-dioxahexanoic acid (NFDHA)	38.9	1.00	"	40.0	ND	97.3	70-130	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	34.2	1.00	"	35.7	ND	95.8	70-130	
Surrogate: MPFDoA	21.2		"	20.0		106	50-200	
Surrogate: MPFBA	20.9		"	20.0		104	50-200	
Surrogate: M9PFNA	21.8		"	20.0		109	50-200	
Surrogate: M8PFOS	19.5		"	19.2		102	50-200	
Surrogate: M8PFOA	19.9		"	20.0		99.7	50-200	
Surrogate: M7PFUdA	21.0		"	20.0		105	50-200	
Surrogate: M6PFDA	21.9		"	20.0		109	50-200	
Surrogate: M5PFPeA	20.6		"	20.0		103	50-200	
Surrogate: M5PFHxA	19.2		"	20.0		95.9	50-200	
Surrogate: M4PFHpA	23.5		"	20.0		117	50-200	
Surrogate: M3PFHxS	19.3		"	19.0		102	50-200	
Surrogate: M3PFBS	18.1		"	18.6		96.8	50-200	
Surrogate: M3HFPO-DA	17.7		"	20.0		88.4	50-200	
Surrogate: M2-8:2 FTS	97.1		"	76.8		126	50-200	
Surrogate: M2-6:2 FTS	107		"	76.0		141	50-200	
Surrogate: M2-4:2 FTS	98.1		"	75.2		130	50-200	



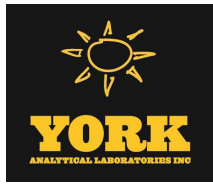


## Sample and Data Qualifiers Relating to This Work Order

QR-02	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
PFSu-L	The isotopically labeled surrogate recovered below lab control limits due to a matrix effect. Isotope Dilution was applied.
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
PFLl	The recovery for this PFAS compound was below control limits
PFAS-MSH	The recovery for this matrix spike compound was above control limits possibly due to matrix effects or non-homogeneity of the sample verses the native sample

### 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.



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Corrective Action: Well 1-1, Well 1-2, Well 1-3, Well 2-1, GAC Blended Effluent all ran to Waste

Revision Description: This report has been revised to add comment: "Ran to Waste" on select samples.



# Field Chain-of-Custody Record

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

YORK Project No. 23C1254

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 clientservices@yorklab.com www.yorklab.com 800-306-YORK Page      of     

<b>YOUR Information</b>		<b>Report To:</b>		<b>Invoice To:</b>		<b>YOUR Project Number</b>		<b>Turn-Around Time</b>	
Hampton Bays Water District		Company		New York		CT RCP		RUSH - Next Day	
18 B Pondogue Avenue		Address:		New Jersey		QA Report		RUSH - Two Day	
Hampton Bays, NY 11946		Phone:		Connecticut		CMDP		RUSH - Three Day	
631-728-0179		Contact:		Pennsylvania		Standard Excel EDD		RUSH - Four Day	
ktuthilljr@southamptonny.gov		E-mail:		Other:		NY ASP B Package		RUSH - Five Day	
								<b>Standard (6-9 Day)</b>	
								PFAS Standard is 7-10 Days	

Samples Collected by: (print AND sign your name)	Sample Identification	Matrix Codes	Samples From	Report / EDD Type (circle selections)		YORK Reg. Comp.
				Summary Report	CT RCP	
	Well 1-1	GW	New York	<input checked="" type="checkbox"/>	EQulS (Standard)	Compared to the following Regulation(s): (please fill in)
	Well 1-2	GW	New Jersey			
	Well 1-3	GW	Connecticut			
	GAC Blended Effluent	DW	Pennsylvania			
	Well 2-1	GW	Other:			
	Well 2-2	GW				
	Well 3-1	GW				
	Well 3-2	GW				
	Well 3-3	GW				
	Well 5-1	GW				

**Comments:** Well 1-1, Well 1-2, Well 1-3, Well 2, GAC Blended Effluent all ran to waste

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

Preservation: (check all that apply)

HCl  MeOH  HNO3  H2SO4  NaOH

ZnAc  Ascorbic Acid  Other:

1. Samples Relinquished by / Company		Date/Time	
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Rothrock		3/22/23 12:00M	
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