

Technical Report

for

Emerging Contaminants

prepared for:

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

Report Date: 04/19/2023
Client Project ID: PFAS/ 1,4 Dioxane 4/4
York Project (SDG) No.: 23D0102

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 April 04, 2023 and listed below. The project was identified as your project: **PFAS/ 1,4 Dioxane 4/4**.

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.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
23D0102-01	Well 1-1 Ran to Waste	Drinking Water	04/04/2023	04/04/2023
23D0102-02	Well 1-1 Field Blank Ran to Waste	Drinking Water	04/04/2023	04/04/2023
23D0102-03	Well 1-2 Ran to Waste	Drinking Water	04/04/2023	04/04/2023
23D0102-04	Well 1-2 Field Blank Ran to Waste	Drinking Water	04/04/2023	04/04/2023
23D0102-05	Blended Effluent GAC Ran to Waste	Drinking Water	04/04/2023	04/04/2023
23D0102-06	Blended Effluent GAC Field Blank Ran to Waste	Drinking Water	04/04/2023	04/04/2023
23D0102-07	Well 1-3 Ran to Waste	Drinking Water	04/04/2023	04/04/2023
23D0102-08	Well 1-3 Field Blank Ran to Waste	Drinking Water	04/04/2023	04/04/2023
23D0102-09	Well 2-1 Ran to Waste	Drinking Water	04/04/2023	04/04/2023
23D0102-10	Well 2-1 Field Blank Ran to Waste	Drinking Water	04/04/2023	04/04/2023
23D0102-11	Well 2-2	Drinking Water	04/04/2023	04/04/2023
23D0102-12	Well 2-2 Field Blank	Drinking Water	04/04/2023	04/04/2023
23D0102-13	Well 3-1	Drinking Water	04/04/2023	04/04/2023
23D0102-14	Well 3-1 Field Blank	Drinking Water	04/04/2023	04/04/2023
23D0102-15	Well 3-2	Drinking Water	04/04/2023	04/04/2023
23D0102-16	Well 3-2 Field Blank	Drinking Water	04/04/2023	04/04/2023
23D0102-17	Well 3-3	Drinking Water	04/04/2023	04/04/2023
23D0102-18	Well 3-3 Field Blank	Drinking Water	04/04/2023	04/04/2023
23D0102-19	Blended Entry 3 Field	Drinking Water	04/04/2023	04/04/2023
23D0102-20	Blended Entry 3 Field Field Blank	Drinking Water	04/04/2023	04/04/2023
23D0102-21	Well 4-1	Drinking Water	04/04/2023	04/04/2023
23D0102-22	Well 4-1 Field Blank	Drinking Water	04/04/2023	04/04/2023

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
23D0102-23	Well 4-2	Drinking Water	04/04/2023	04/04/2023
23D0102-24	Well 4-2 Field Blank	Drinking Water	04/04/2023	04/04/2023
23D0102-25	Well 5-1	Drinking Water	04/04/2023	04/04/2023
23D0102-26	Well 5-1 Field Blank	Drinking Water	04/04/2023	04/04/2023

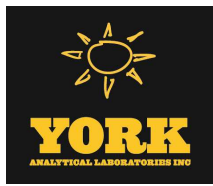
General Notes for York Project (SDG) No.: 23D0102

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: 04/19/2023





Sample Information

Client Sample ID: Well 1-1 Ran to Waste

York Sample ID: 23D0102-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D0102	PFAS/ 1,4 Dioxane 4/4	Drinking Water	April 4, 2023 7:30 am	04/04/2023

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 MCL	Units	Reported to LOQ	Reference Method	Date/Time Prep/Anal	Analyst
123-91-1	1,4-Dioxane	ND		1	ug/L	0.200	EPA 522	04/07/2023 09:05	KH
						Certifications: NELAC-NY10854		04/10/2023 20:58	
	Surrogate Recoveries	Result		Acceptance Range					
17647-74-4	Surrogate: 1,4-Dioxane-d8	80.0 %		70-130					

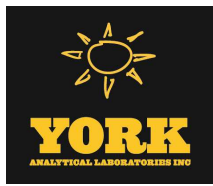
PFAS, EPA 533 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 533

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level MCL	Units	Reported to LOQ	Reference Method	Date/Time Prep/Anal	Analyst
919005-14-4	ADONA	ND		-	ng/L	0.926	EPA 533	04/12/2023 15:55	ESJ
						Certifications: NELAC-NY12058		04/13/2023 16:46	
756426-58-1	9CL-PF3ONS	ND		-	ng/L	0.926	EPA 533	04/12/2023 15:55	ESJ
						Certifications: NELAC-NY12058		04/13/2023 16:46	
763051-92-9	11CL-PF3OUdS	ND		-	ng/L	0.926	EPA 533	04/12/2023 15:55	ESJ
						Certifications: NELAC-NY12058		04/13/2023 16:46	
13252-13-6	HFPO-DA (Gen-X)	ND		-	ng/L	0.926	EPA 533	04/12/2023 15:55	ESJ
						Certifications: NELAC-NY12058		04/13/2023 16:46	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	1.25		-	ng/L	0.926	EPA 533	04/12/2023 15:55	ESJ
						Certifications: NELAC-NY12058		04/13/2023 16:46	
335-76-2	Perfluorodecanoic acid (PFDA)	ND		10	ng/L	0.926	EPA 533	04/12/2023 15:55	ESJ
						Certifications: NELAC-NY12058		04/13/2023 16:46	
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		-	ng/L	0.926	EPA 533	04/12/2023 15:55	ESJ
						Certifications: NELAC-NY12058		04/13/2023 16:46	
375-85-9	Perfluoroheptanoic acid (PFHpA)	1.44		10	ng/L	0.926	EPA 533	04/12/2023 15:55	ESJ
						Certifications: NELAC-NY12058		04/13/2023 16:46	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	2.33		10	ng/L	0.926	EPA 533	04/12/2023 15:55	ESJ
						Certifications: NELAC-NY12058		04/13/2023 16:46	
307-24-4	Perfluorohexanoic acid (PFHxA)	3.60		-	ng/L	0.926	EPA 533	04/12/2023 15:55	ESJ
						Certifications: NELAC-NY12058		04/13/2023 16:46	
375-95-1	Perfluorononanoic acid (PFNA)	ND		10	ng/L	0.926	EPA 533	04/12/2023 15:55	ESJ
						Certifications: NELAC-NY12058		04/13/2023 16:46	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	8.00		10	ng/L	0.926	EPA 533	04/12/2023 15:55	ESJ
						Certifications: NELAC-NY12058		04/13/2023 16:46	
335-67-1	Perfluorooctanoic acid (PFOA)	5.41		10	ng/L	0.926	EPA 533	04/12/2023 15:55	ESJ
						Certifications: NELAC-NY12058		04/13/2023 16:46	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		-	ng/L	0.926	EPA 533	04/12/2023 15:55	ESJ
						Certifications: NELAC-NY12058		04/13/2023 16:46	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		-	ng/L	0.926	EPA 533	04/12/2023 15:55	ESJ
						Certifications: NELAC-NY12058		04/13/2023 16:46	



Sample Information

Client Sample ID: Well 1-1 Ran to Waste

York Sample ID: 23D0102-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23D0102

PFAS/ 1,4 Dioxane 4/4

Drinking Water

April 4, 2023 7:30 am

04/04/2023

PFAS, EPA 533 Target List

Log-in Notes:

Sample Notes:

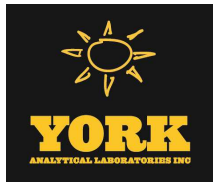
Sample Prepared by Method: EPA 533

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	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 16:46	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	3.06		-		ng/L	0.926	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 16:46	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		-		ng/L	1.85	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 16:46	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		-		ng/L	1.85	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 16:46	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		-		ng/L	0.926	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 16:46	
2706-90-3	Perfluoropentanoic acid (PFPeA)	5.14		-		ng/L	0.926	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 16:46	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		-		ng/L	0.926	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 16:46	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		-		ng/L	0.926	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 16:46	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		-		ng/L	0.926	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 16:46	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		-		ng/L	0.926	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 16:46	
	Surrogate Recoveries	Result		Acceptance Range						
	Surrogate: MPFDoA	83.7 %		50-200						
	Surrogate: MPFBA	91.9 %		50-200						
	Surrogate: M9PFNA	65.9 %		50-200						
	Surrogate: M8PFOS	92.9 %		50-200						
	Surrogate: M8PFOA	84.9 %		50-200						
	Surrogate: M7PFUdA	75.9 %		50-200						
	Surrogate: M6PFDA	66.1 %		50-200						
	Surrogate: M5PFPeA	77.4 %		50-200						
	Surrogate: M5PFHxA	97.6 %		50-200						
	Surrogate: M4PFHpA	81.7 %		50-200						
	Surrogate: M3PFHxS	105 %		50-200						
	Surrogate: M3PFBS	125 %		50-200						
	Surrogate: M3HFPO-DA	112 %		50-200						
	Surrogate: M2-8:2 FTS	73.0 %		50-200						
	Surrogate: M2-6:2 FTS	116 %		50-200						
	Surrogate: M2-4:2 FTS	153 %		50-200						

PFAS, EPA 537.1 UCMR5 List

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: Well 1-1 Ran to Waste

York Sample ID: 23D0102-01

<u>York Project (SDG) No.</u> 23D0102	<u>Client Project ID</u> PFAS/ 1,4 Dioxane 4/4	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> April 4, 2023 7:30 am	<u>Date Received</u> 04/04/2023
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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	04/06/2023 12:10	ESJ
							Certifications:	NELAC-NY12058	04/11/2023 20:05	
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		-		ng/L	0.862	EPA 537.1	04/06/2023 12:10	ESJ
							Certifications:	NELAC-NY12058	04/11/2023 20:05	
2355-31-9	N-MeFOSAA	ND		-		ng/L	0.862	EPA 537.1	04/06/2023 12:10	ESJ
							Certifications:	NELAC-NY12058	04/11/2023 20:05	
2991-50-6	N-EtFOSAA	ND		-		ng/L	0.862	EPA 537.1	04/06/2023 12:10	ESJ
							Certifications:	NELAC-NY12058	04/11/2023 20:05	

Surrogate Recoveries	Result	Acceptance Range
Surrogate: d5-N-EtFOSAA	116 %	70-130
Surrogate: MPFDA	91.2 %	70-130
Surrogate: MPFHxA	97.8 %	70-130
Surrogate: M3HFPO-DA	92.5 %	70-130

Sample Information

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

York Sample ID: 23D0102-02

<u>York Project (SDG) No.</u> 23D0102	<u>Client Project ID</u> PFAS/ 1,4 Dioxane 4/4	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> April 4, 2023 7:30 am	<u>Date Received</u> 04/04/2023
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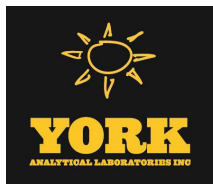
PFAS, EPA 533 Target List

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	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 16:59	
756426-58-1	9CL-PF3ONS	ND		-		ng/L	0.926	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 16:59	
763051-92-9	11CL-PF3OUdS	ND		-		ng/L	0.926	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 16:59	
13252-13-6	HFPO-DA (Gen-X)	ND		-		ng/L	0.926	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 16:59	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		-		ng/L	0.926	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 16:59	
335-76-2	Perfluorodecanoic acid (PFDA)	ND		10		ng/L	0.926	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 16:59	
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		-		ng/L	0.926	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 16:59	
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		10		ng/L	0.926	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 16:59	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		10		ng/L	0.926	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 16:59	



Sample Information

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

York Sample ID: 23D0102-02

<u>York Project (SDG) No.</u> 23D0102	<u>Client Project ID</u> PFAS/ 1,4 Dioxane 4/4	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> April 4, 2023 7:30 am	<u>Date Received</u> 04/04/2023
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PFAS, EPA 533 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 533

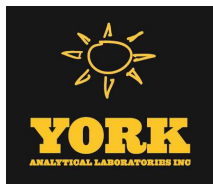
CAS No.	Parameter	Result	Flag	Maximum Contaminant Level		Units	Reported to LOQ	Reference Method	Date/Time Prep/Anal	Analyst
				MCL						
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		-		ng/L	0.926	EPA 533 Certifications: NELAC-NY12058	04/12/2023 15:55 04/13/2023 16:59	ESJ
375-95-1	Perfluorononanoic acid (PFNA)	ND		10		ng/L	0.926	EPA 533 Certifications: NELAC-NY12058	04/12/2023 15:55 04/13/2023 16:59	ESJ
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		10		ng/L	0.926	EPA 533 Certifications: NELAC-NY12058	04/12/2023 15:55 04/13/2023 16:59	ESJ
335-67-1	Perfluorooctanoic acid (PFOA)	ND		10		ng/L	0.926	EPA 533 Certifications: NELAC-NY12058	04/12/2023 15:55 04/13/2023 16:59	ESJ
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		-		ng/L	0.926	EPA 533 Certifications: NELAC-NY12058	04/12/2023 15:55 04/13/2023 16:59	ESJ
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		-		ng/L	0.926	EPA 533 Certifications: NELAC-NY12058	04/12/2023 15:55 04/13/2023 16:59	ESJ
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		-		ng/L	0.926	EPA 533 Certifications: NELAC-NY12058	04/12/2023 15:55 04/13/2023 16:59	ESJ
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		-		ng/L	0.926	EPA 533 Certifications: NELAC-NY12058	04/12/2023 15:55 04/13/2023 16:59	ESJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		-		ng/L	1.85	EPA 533 Certifications: NELAC-NY12058	04/12/2023 15:55 04/13/2023 16:59	ESJ
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		-		ng/L	1.85	EPA 533 Certifications: NELAC-NY12058	04/12/2023 15:55 04/13/2023 16:59	ESJ
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		-		ng/L	0.926	EPA 533 Certifications: NELAC-NY12058	04/12/2023 15:55 04/13/2023 16:59	ESJ
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		-		ng/L	0.926	EPA 533 Certifications: NELAC-NY12058	04/12/2023 15:55 04/13/2023 16:59	ESJ
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		-		ng/L	0.926	EPA 533 Certifications: NELAC-NY12058	04/12/2023 15:55 04/13/2023 16:59	ESJ
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		-		ng/L	0.926	EPA 533 Certifications: NELAC-NY12058	04/12/2023 15:55 04/13/2023 16:59	ESJ
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		-		ng/L	0.926	EPA 533 Certifications: NELAC-NY12058	04/12/2023 15:55 04/13/2023 16:59	ESJ
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		-		ng/L	0.926	EPA 533 Certifications: NELAC-NY12058	04/12/2023 15:55 04/13/2023 16:59	ESJ

Surrogate Recoveries

Result

Acceptance Range

Surrogate: MPFDoA	85.5 %	50-200
Surrogate: MPFBA	95.3 %	50-200
Surrogate: M9PFNA	100 %	50-200
Surrogate: M8PFOS	96.4 %	50-200
Surrogate: M8PFOA	94.7 %	50-200
Surrogate: M7PFUdA	91.6 %	50-200
Surrogate: M6PFDA	91.1 %	50-200
Surrogate: M5PFPeA	82.6 %	50-200
Surrogate: M5PFHxA	85.1 %	50-200



Sample Information

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

York Sample ID: 23D0102-02

<u>York Project (SDG) No.</u> 23D0102	<u>Client Project ID</u> PFAS/ 1,4 Dioxane 4/4	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> April 4, 2023 7:30 am	<u>Date Received</u> 04/04/2023
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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	100 %		50-200						
	Surrogate: M3PFHxS	85.5 %		50-200						
	Surrogate: M3PFBS	88.9 %		50-200						
	Surrogate: M3HFPO-DA	87.3 %		50-200						
	Surrogate: M2-8:2 FTS	116 %		50-200						
	Surrogate: M2-6:2 FTS	122 %		50-200						
	Surrogate: M2-4:2 FTS	103 %		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	0.833	EPA 537.1	04/06/2023 12:10	ESJ
							Certifications: NELAC-NY12058		04/11/2023 20:19	
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		-		ng/L	0.833	EPA 537.1	04/06/2023 12:10	ESJ
							Certifications: NELAC-NY12058		04/11/2023 20:19	
2355-31-9	N-MeFOSAA	ND		-		ng/L	0.833	EPA 537.1	04/06/2023 12:10	ESJ
							Certifications: NELAC-NY12058		04/11/2023 20:19	
2991-50-6	N-EtFOSAA	ND		-		ng/L	0.833	EPA 537.1	04/06/2023 12:10	ESJ
							Certifications: NELAC-NY12058		04/11/2023 20:19	
	Surrogate Recoveries	Result		Acceptance Range						
	Surrogate: d5-N-EtFOSAA	105 %		70-130						
	Surrogate: MPFDA	92.7 %		70-130						
	Surrogate: MPFHxA	90.8 %		70-130						
	Surrogate: M3HFPO-DA	93.2 %		70-130						

Sample Information

Client Sample ID: Well 1-2 Ran to Waste

York Sample ID: 23D0102-03

<u>York Project (SDG) No.</u> 23D0102	<u>Client Project ID</u> PFAS/ 1,4 Dioxane 4/4	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> April 4, 2023 7:45 am	<u>Date Received</u> 04/04/2023
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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	0.200		1		ug/L	0.200	EPA 522	04/06/2023 08:32	KH
							Certifications: NELAC-NY10854		04/07/2023 14:05	



Sample Information

Client Sample ID: Well 1-2 Ran to Waste

York Sample ID: 23D0102-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23D0102

PFAS/ 1,4 Dioxane 4/4

Drinking Water

April 4, 2023 7:45 am

04/04/2023

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	Acceptance Range					
17647-74-4	Surrogate Recoveries <i>Surrogate: 1,4-Dioxane-d8</i>	100 %			70-130					

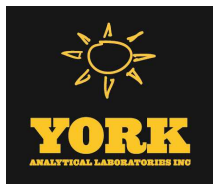
PFAS, EPA 533 Target List

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	Acceptance Range					
919005-14-4	ADONA	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 17:12	
756426-58-1	9CL-PF3ONS	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 17:12	
763051-92-9	11CL-PF3OUdS	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 17:12	
13252-13-6	HFPO-DA (Gen-X)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 17:12	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	1.95		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 17:12	
335-76-2	Perfluorodecanoic acid (PFDA)	ND		10		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 17:12	
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 17:12	
375-85-9	Perfluoroheptanoic acid (PFHpA)	4.46		10		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 17:12	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	6.31		10		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 17:12	
307-24-4	Perfluorohexanoic acid (PFHxA)	8.92		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 17:12	
375-95-1	Perfluorononanoic acid (PFNA)	3.74		10		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 17:12	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	17.6		10		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 17:12	
335-67-1	Perfluorooctanoic acid (PFOA)	8.44		10		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 17:12	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 17:12	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 17:12	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 17:12	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	4.13		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 17:12	



Sample Information

Client Sample ID: Well 1-2 Ran to Waste

York Sample ID: 23D0102-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23D0102

PFAS/ 1,4 Dioxane 4/4

Drinking Water

April 4, 2023 7:45 am

04/04/2023

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						
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		-		ng/L	1.67	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 17:12	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		-		ng/L	1.67	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 17:12	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 17:12	
2706-90-3	Perfluoropentanoic acid (PFPeA)	8.69		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 17:12	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 17:12	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 17:12	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 17:12	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 17:12	

Surrogate Recoveries

Result

Acceptance Range

Surrogate: MPFDoA	79.7 %	50-200
Surrogate: MPFBA	96.0 %	50-200
Surrogate: M9PFNA	93.1 %	50-200
Surrogate: M8PFOS	93.9 %	50-200
Surrogate: M8PFOA	89.1 %	50-200
Surrogate: M7PFUdA	79.3 %	50-200
Surrogate: M6PFDA	86.4 %	50-200
Surrogate: M5PFPeA	77.3 %	50-200
Surrogate: M5PFHxA	84.8 %	50-200
Surrogate: M4PFHpA	99.6 %	50-200
Surrogate: M3PFHxS	91.0 %	50-200
Surrogate: M3PFBS	92.4 %	50-200
Surrogate: M3HFPO-DA	92.2 %	50-200
Surrogate: M2-8:2 FTS	89.8 %	50-200
Surrogate: M2-6:2 FTS	104 %	50-200
Surrogate: M2-4:2 FTS	126 %	50-200

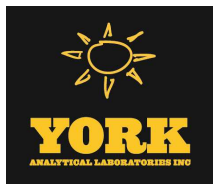
PFAS, EPA 537.1 UCMR5 List

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	0.833	EPA 537.1	04/06/2023 12:10	ESJ
							Certifications:	NELAC-NY12058	04/11/2023 20:32	



Sample Information

Client Sample ID: Well 1-2 Ran to Waste

York Sample ID: 23D0102-03

<u>York Project (SDG) No.</u> 23D0102	<u>Client Project ID</u> PFAS/ 1,4 Dioxane 4/4	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> April 4, 2023 7:45 am	<u>Date Received</u> 04/04/2023
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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						
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		-		ng/L	0.833	EPA 537.1	04/06/2023 12:10	ESJ
								Certifications: NELAC-NY12058	04/11/2023 20:32	
2355-31-9	N-MeFOSAA	ND		-		ng/L	0.833	EPA 537.1	04/06/2023 12:10	ESJ
								Certifications: NELAC-NY12058	04/11/2023 20:32	
2991-50-6	N-EtFOSAA	1.21		-		ng/L	0.833	EPA 537.1	04/06/2023 12:10	ESJ
								Certifications: NELAC-NY12058	04/11/2023 20:32	
	Surrogate Recoveries	Result		Acceptance Range						
	Surrogate: d5-N-EtFOSAA	110 %		70-130						
	Surrogate: MPFDA	107 %		70-130						
	Surrogate: MPFHxA	100 %		70-130						
	Surrogate: M3HFPO-DA	95.2 %		70-130						

Sample Information

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

York Sample ID: 23D0102-04

<u>York Project (SDG) No.</u> 23D0102	<u>Client Project ID</u> PFAS/ 1,4 Dioxane 4/4	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> April 4, 2023 7:45 am	<u>Date Received</u> 04/04/2023
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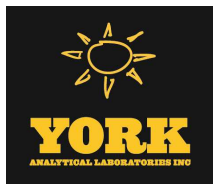
PFAS, EPA 533 Target List

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	0.833	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 17:25	
756426-58-1	9CL-PF3ONS	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 17:25	
763051-92-9	11CL-PF3OUdS	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 17:25	
13252-13-6	HFPO-DA (Gen-X)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 17:25	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 17:25	
335-76-2	Perfluorodecanoic acid (PFDA)	ND		10		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 17:25	
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 17:25	
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		10		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 17:25	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		10		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 17:25	



Sample Information

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

York Sample ID: 23D0102-04

<u>York Project (SDG) No.</u> 23D0102	<u>Client Project ID</u> PFAS/ 1,4 Dioxane 4/4	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> April 4, 2023 7:45 am	<u>Date Received</u> 04/04/2023
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PFAS, EPA 533 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 533

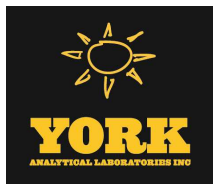
CAS No.	Parameter	Result	Flag	Maximum Contaminant Level		Units	Reported to LOQ	Reference Method	Date/Time Prep/Anal	Analyst
				MCL						
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 17:25	
375-95-1	Perfluorononanoic acid (PFNA)	ND		10		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 17:25	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		10		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 17:25	
335-67-1	Perfluorooctanoic acid (PFOA)	ND		10		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 17:25	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 17:25	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 17:25	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 17:25	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 17:25	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		-		ng/L	1.67	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 17:25	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		-		ng/L	1.67	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 17:25	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 17:25	
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 17:25	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 17:25	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 17:25	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 17:25	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 17:25	

Surrogate Recoveries

Result

Acceptance Range

Surrogate: MPFDoA	86.9 %	50-200
Surrogate: MPFBA	97.8 %	50-200
Surrogate: M9PFNA	103 %	50-200
Surrogate: M8PFOS	101 %	50-200
Surrogate: M8PFOA	99.3 %	50-200
Surrogate: M7PFUdA	91.5 %	50-200
Surrogate: M6PFDA	92.1 %	50-200
Surrogate: M5PFPeA	86.8 %	50-200
Surrogate: M5PFHxA	90.3 %	50-200



Sample Information

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

York Sample ID: 23D0102-04

<u>York Project (SDG) No.</u> 23D0102	<u>Client Project ID</u> PFAS/ 1,4 Dioxane 4/4	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> April 4, 2023 7:45 am	<u>Date Received</u> 04/04/2023
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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	99.2 %		50-200						
	Surrogate: M3PFHxS	92.5 %		50-200						
	Surrogate: M3PFBS	91.0 %		50-200						
	Surrogate: M3HFPO-DA	121 %		50-200						
	Surrogate: M2-8:2 FTS	93.5 %		50-200						
	Surrogate: M2-6:2 FTS	99.9 %		50-200						
	Surrogate: M2-4:2 FTS	95.2 %		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	0.806	EPA 537.1	04/11/2023 11:35	ESJ
							Certifications: NELAC-NY12058		04/12/2023 00:53	
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		-		ng/L	0.806	EPA 537.1	04/11/2023 11:35	ESJ
							Certifications: NELAC-NY12058		04/12/2023 00:53	
2355-31-9	N-MeFOSAA	ND		-		ng/L	0.806	EPA 537.1	04/11/2023 11:35	ESJ
							Certifications: NELAC-NY12058		04/12/2023 00:53	
2991-50-6	N-EtFOSAA	ND		-		ng/L	0.806	EPA 537.1	04/11/2023 11:35	ESJ
							Certifications: NELAC-NY12058		04/12/2023 00:53	
	Surrogate Recoveries	Result		Acceptance Range						
	Surrogate: d5-N-EtFOSAA	101 %		70-130						
	Surrogate: MPFDA	98.7 %		70-130						
	Surrogate: MPFHxA	90.4 %		70-130						
	Surrogate: M3HFPO-DA	91.7 %		70-130						

Sample Information

Client Sample ID: Blended Effluent GAC Ran to Waste

York Sample ID: 23D0102-05

<u>York Project (SDG) No.</u> 23D0102	<u>Client Project ID</u> PFAS/ 1,4 Dioxane 4/4	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> April 4, 2023 8:00 am	<u>Date Received</u> 04/04/2023
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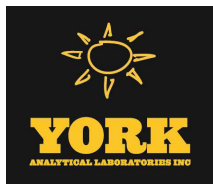
1,4-Dioxane by GC/MS/SIM EPA 522

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	04/06/2023 08:32	KH
							Certifications: NELAC-NY10854		04/07/2023 14:24	



Sample Information

Client Sample ID: Blended Effluent GAC Ran to Waste

York Sample ID: 23D0102-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23D0102

PFAS/ 1,4 Dioxane 4/4

Drinking Water

April 4, 2023 8:00 am

04/04/2023

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	Acceptance Range					
17647-74-4	Surrogate: 1,4-Dioxane-d8	88.0 %			70-130					

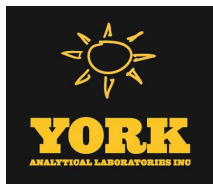
PFAS, EPA 533 Target List

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	Acceptance Range					
919005-14-4	ADONA	ND		-		ng/L	1.00	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 17:37	
756426-58-1	9CL-PF3ONS	ND		-		ng/L	1.00	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 17:37	
763051-92-9	11CL-PF3OUdS	ND		-		ng/L	1.00	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 17:37	
13252-13-6	HFPO-DA (Gen-X)	ND		-		ng/L	1.00	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 17:37	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		-		ng/L	1.00	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 17:37	
335-76-2	Perfluorodecanoic acid (PFDA)	ND		10		ng/L	1.00	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 17:37	
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		-		ng/L	1.00	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 17:37	
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		10		ng/L	1.00	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 17:37	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		10		ng/L	1.00	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 17:37	
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		-		ng/L	1.00	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 17:37	
375-95-1	Perfluorononanoic acid (PFNA)	ND		10		ng/L	1.00	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 17:37	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		10		ng/L	1.00	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 17:37	
335-67-1	Perfluorooctanoic acid (PFOA)	ND		10		ng/L	1.00	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 17:37	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		-		ng/L	1.00	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 17:37	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		-		ng/L	1.00	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 17:37	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		-		ng/L	1.00	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 17:37	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	6.20		-		ng/L	1.00	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 17:37	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		-		ng/L	2.00	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 17:37	



Sample Information

Client Sample ID: Blended Effluent GAC Ran to Waste

York Sample ID: 23D0102-05

<u>York Project (SDG) No.</u> 23D0102	<u>Client Project ID</u> PFAS/ 1,4 Dioxane 4/4	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> April 4, 2023 8:00 am	<u>Date Received</u> 04/04/2023
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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						
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		-		ng/L	2.00	EPA 533 Certifications: NELAC-NY12058	04/12/2023 15:55 04/13/2023 17:37	ESJ
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		-		ng/L	1.00	EPA 533 Certifications: NELAC-NY12058	04/12/2023 15:55 04/13/2023 17:37	ESJ
2706-90-3	Perfluoropentanoic acid (PFPeA)	3.59		-		ng/L	1.00	EPA 533 Certifications: NELAC-NY12058	04/12/2023 15:55 04/13/2023 17:37	ESJ
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		-		ng/L	1.00	EPA 533 Certifications: NELAC-NY12058	04/12/2023 15:55 04/13/2023 17:37	ESJ
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		-		ng/L	1.00	EPA 533 Certifications: NELAC-NY12058	04/12/2023 15:55 04/13/2023 17:37	ESJ
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		-		ng/L	1.00	EPA 533 Certifications: NELAC-NY12058	04/12/2023 15:55 04/13/2023 17:37	ESJ
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		-		ng/L	1.00	EPA 533 Certifications: NELAC-NY12058	04/12/2023 15:55 04/13/2023 17:37	ESJ

Surrogate Recoveries

Result

Acceptance Range

Surrogate: MPFDoA	65.4 %	50-200
Surrogate: MPFBA	109 %	50-200
Surrogate: M9PFNA	115 %	50-200
Surrogate: M8PFOS	106 %	50-200
Surrogate: M8PFOA	112 %	50-200
Surrogate: M7PFUdA	85.7 %	50-200
Surrogate: M6PFDA	102 %	50-200
Surrogate: M5PFPeA	97.8 %	50-200
Surrogate: M5PFHxA	102 %	50-200
Surrogate: M4PFHpA	112 %	50-200
Surrogate: M3PFHxS	101 %	50-200
Surrogate: M3PFBS	97.8 %	50-200
Surrogate: M3HFPO-DA	122 %	50-200
Surrogate: M2-8:2 FTS	102 %	50-200
Surrogate: M2-6:2 FTS	115 %	50-200
Surrogate: M2-4:2 FTS	105 %	50-200

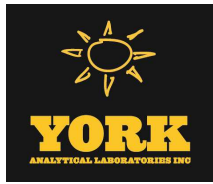
PFAS, EPA 537.1 UCMR5 List

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	0.806	EPA 537.1 Certifications: NELAC-NY12058	04/11/2023 11:35 04/12/2023 01:07	ESJ
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		-		ng/L	0.806	EPA 537.1 Certifications: NELAC-NY12058	04/11/2023 11:35 04/12/2023 01:07	ESJ



Sample Information

Client Sample ID: Blended Effluent GAC Ran to Waste

York Sample ID: 23D0102-05

<u>York Project (SDG) No.</u> 23D0102	<u>Client Project ID</u> PFAS/ 1,4 Dioxane 4/4	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> April 4, 2023 8:00 am	<u>Date Received</u> 04/04/2023
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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						
2355-31-9	N-MeFOSAA	ND		-		ng/L	0.806	EPA 537.1	04/11/2023 11:35	ESJ
								Certifications: NELAC-NY12058	04/12/2023 01:07	
2991-50-6	N-EtFOSAA	ND		-		ng/L	0.806	EPA 537.1	04/11/2023 11:35	ESJ
								Certifications: NELAC-NY12058	04/12/2023 01:07	
Surrogate Recoveries		Result	Acceptance Range							
	Surrogate: d5-N-EtFOSAA	86.4 %	70-130							
	Surrogate: MPFDA	90.9 %	70-130							
	Surrogate: MPFHxA	94.6 %	70-130							
	Surrogate: M3HFPO-DA	96.8 %	70-130							

Sample Information

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

York Sample ID: 23D0102-06

<u>York Project (SDG) No.</u> 23D0102	<u>Client Project ID</u> PFAS/ 1,4 Dioxane 4/4	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> April 4, 2023 8:00 am	<u>Date Received</u> 04/04/2023
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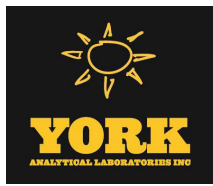
PFAS, EPA 533 Target List

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	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 18:03	
756426-58-1	9CL-PF3ONS	ND		-		ng/L	1.00	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 18:03	
763051-92-9	11CL-PF3OUdS	ND		-		ng/L	1.00	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 18:03	
13252-13-6	HFPO-DA (Gen-X)	ND		-		ng/L	1.00	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 18:03	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		-		ng/L	1.00	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 18:03	
335-76-2	Perfluorodecanoic acid (PFDA)	ND		10		ng/L	1.00	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 18:03	
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		-		ng/L	1.00	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 18:03	
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		10		ng/L	1.00	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 18:03	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		10		ng/L	1.00	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 18:03	
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		-		ng/L	1.00	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 18:03	



Sample Information

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

York Sample ID: 23D0102-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23D0102

PFAS/ 1,4 Dioxane 4/4

Drinking Water

April 4, 2023 8:00 am

04/04/2023

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						
375-95-1	Perfluorononanoic acid (PFNA)	ND		10		ng/L	1.00	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 18:03	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		10		ng/L	1.00	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 18:03	
335-67-1	Perfluorooctanoic acid (PFOA)	ND		10		ng/L	1.00	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 18:03	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		-		ng/L	1.00	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 18:03	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		-		ng/L	1.00	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 18:03	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		-		ng/L	1.00	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 18:03	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		-		ng/L	1.00	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 18:03	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		-		ng/L	2.00	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 18:03	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		-		ng/L	2.00	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 18:03	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		-		ng/L	1.00	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 18:03	
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		-		ng/L	1.00	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 18:03	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		-		ng/L	1.00	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 18:03	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		-		ng/L	1.00	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 18:03	
151772-58-6	Perfluoro-3,6-dioxahexanoic acid (NFDHA)	ND		-		ng/L	1.00	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 18:03	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND		-		ng/L	1.00	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 18:03	

Surrogate Recoveries

Result

Acceptance Range

Surrogate: MPFDoA	88.8 %	50-200
Surrogate: MPFBA	104 %	50-200
Surrogate: M9PFNA	105 %	50-200
Surrogate: M8PFOS	98.6 %	50-200
Surrogate: M8PFOA	102 %	50-200
Surrogate: M7PFUdA	91.9 %	50-200
Surrogate: M6PFDA	93.2 %	50-200
Surrogate: M5PFPeA	90.5 %	50-200
Surrogate: M5PFHxA	98.1 %	50-200
Surrogate: M4PFHpA	102 %	50-200
Surrogate: M3PFHxS	98.5 %	50-200



Sample Information

Client Sample ID:	Blended Effluent GAC Field Blank Ran to Waste	York Sample ID:	23D0102-06
<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>
23D0102	PFAS/ 1,4 Dioxane 4/4	Drinking Water	April 4, 2023 8:00 am
			<u>Date Received</u>
			04/04/2023

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: M3PFBS	97.1 %		50-200						
	Surrogate: M3HFPO-DA	78.3 %		50-200						
	Surrogate: M2-8:2 FTS	85.4 %		50-200						
	Surrogate: M2-6:2 FTS	108 %		50-200						
	Surrogate: M2-4:2 FTS	94.9 %		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	0.806	EPA 537.1	04/11/2023 11:35	ESJ
							Certifications: NELAC-NY12058		04/12/2023 01:21	
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		-		ng/L	0.806	EPA 537.1	04/11/2023 11:35	ESJ
							Certifications: NELAC-NY12058		04/12/2023 01:21	
2355-31-9	N-MeFOSAA	ND		-		ng/L	0.806	EPA 537.1	04/11/2023 11:35	ESJ
							Certifications: NELAC-NY12058		04/12/2023 01:21	
2991-50-6	N-EtFOSAA	ND		-		ng/L	0.806	EPA 537.1	04/11/2023 11:35	ESJ
							Certifications: NELAC-NY12058		04/12/2023 01:21	
	Surrogate Recoveries	Result		Acceptance Range						
	Surrogate: d5-N-EtFOSAA	119 %		70-130						
	Surrogate: MPFDA	109 %		70-130						
	Surrogate: MPFHxA	104 %		70-130						
	Surrogate: M3HFPO-DA	101 %		70-130						

Sample Information

Client Sample ID:	Well 1-3 Ran to Waste	York Sample ID:	23D0102-07
<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>
23D0102	PFAS/ 1,4 Dioxane 4/4	Drinking Water	April 4, 2023 8:15 am
			<u>Date Received</u>
			04/04/2023

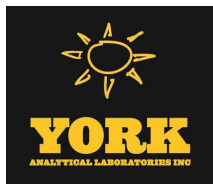
1,4-Dioxane by GC/MS/SIM EPA 522

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	04/06/2023 08:32	KH
							Certifications: NELAC-NY10854		04/07/2023 15:01	
	Surrogate Recoveries	Result		Acceptance Range						
17647-74-4	Surrogate: 1,4-Dioxane-d8	88.0 %		70-130						



Sample Information

Client Sample ID: Well 1-3 Ran to Waste

York Sample ID: 23D0102-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23D0102

PFAS/ 1,4 Dioxane 4/4

Drinking Water

April 4, 2023 8:15 am

04/04/2023

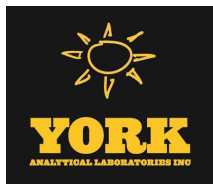
PFAS, EPA 533 Target List

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	1.00	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 18:16	
756426-58-1	9CL-PF3ONS	ND		-		ng/L	1.00	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 18:16	
763051-92-9	11CL-PF3OUdS	ND		-		ng/L	1.00	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 18:16	
13252-13-6	HFPO-DA (Gen-X)	ND		-		ng/L	1.00	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 18:16	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	3.64		-		ng/L	1.00	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 18:16	
335-76-2	Perfluorodecanoic acid (PFDA)	ND		10		ng/L	1.00	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 18:16	
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		-		ng/L	1.00	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 18:16	
375-85-9	Perfluoroheptanoic acid (PFHpA)	5.00		10		ng/L	1.00	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 18:16	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	19.2		10		ng/L	1.00	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 18:16	
307-24-4	Perfluorohexanoic acid (PFHxA)	7.94		-		ng/L	1.00	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 18:16	
375-95-1	Perfluorononanoic acid (PFNA)	11.6		10		ng/L	1.00	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 18:16	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	13.1		10		ng/L	1.00	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 18:16	
335-67-1	Perfluorooctanoic acid (PFOA)	6.88		10		ng/L	1.00	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 18:16	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	7.34		-		ng/L	1.00	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 18:16	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		-		ng/L	1.00	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 18:16	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	1.48		-		ng/L	1.00	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 18:16	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	3.63		-		ng/L	1.00	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 18:16	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		-		ng/L	2.00	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 18:16	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		-		ng/L	2.00	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 18:16	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	1.14		-		ng/L	1.00	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 18:16	



Sample Information

Client Sample ID: Well 1-3 Ran to Waste

York Sample ID: 23D0102-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23D0102

PFAS/ 1,4 Dioxane 4/4

Drinking Water

April 4, 2023 8:15 am

04/04/2023

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)	8.08		-		ng/L	1.00	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 18:16	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		-		ng/L	1.00	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 18:16	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		-		ng/L	1.00	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 18:16	
151772-58-6	Perfluoro-3,6-dioxahexanoic acid (NFDHA)	ND		-		ng/L	1.00	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 18:16	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		-		ng/L	1.00	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 18:16	

Surrogate Recoveries

Result

Acceptance Range

Surrogate: MPFDoA	94.8 %	50-200
Surrogate: MPFBA	114 %	50-200
Surrogate: M9PFNA	113 %	50-200
Surrogate: M8PFOS	108 %	50-200
Surrogate: M8PFOA	112 %	50-200
Surrogate: M7PFUdA	94.5 %	50-200
Surrogate: M6PFDA	104 %	50-200
Surrogate: M5PFPeA	100 %	50-200
Surrogate: M5PFHxA	103 %	50-200
Surrogate: M4PFHpA	111 %	50-200
Surrogate: M3PFHxS	108 %	50-200
Surrogate: M3PFBS	113 %	50-200
Surrogate: M3HFPO-DA	108 %	50-200
Surrogate: M2-8:2 FTS	92.4 %	50-200
Surrogate: M2-6:2 FTS	129 %	50-200
Surrogate: M2-4:2 FTS	137 %	50-200

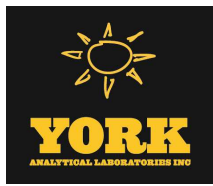
PFAS, EPA 537.1 UCMR5 List

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	0.833	EPA 537.1	04/11/2023 11:35	ESJ
							Certifications:	NELAC-NY12058	04/12/2023 01:48	
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		-		ng/L	0.833	EPA 537.1	04/11/2023 11:35	ESJ
							Certifications:	NELAC-NY12058	04/12/2023 01:48	
2355-31-9	N-MeFOSAA	ND		-		ng/L	0.833	EPA 537.1	04/11/2023 11:35	ESJ
							Certifications:	NELAC-NY12058	04/12/2023 01:48	
2991-50-6	N-EtFOSAA	ND		-		ng/L	0.833	EPA 537.1	04/11/2023 11:35	ESJ
							Certifications:	NELAC-NY12058	04/12/2023 01:48	



Sample Information

Client Sample ID: Well 1-3 Ran to Waste **York Sample ID:** 23D0102-07
York Project (SDG) No.: 23D0102 **Client Project ID:** PFAS/ 1,4 Dioxane 4/4 **Matrix:** Drinking Water **Collection Date/Time:** April 4, 2023 8:15 am **Date Received:** 04/04/2023

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					
Surrogate Recoveries		Result		Acceptance Range						
	Surrogate: d5-N-EtFOSAA	96.4 %		70-130						
	Surrogate: MPFDA	93.0 %		70-130						
	Surrogate: MPFHxA	91.1 %		70-130						
	Surrogate: M3HFPO-DA	91.3 %		70-130						

Sample Information

Client Sample ID: Well 1-3 Field Blank Ran to Waste **York Sample ID:** 23D0102-08
York Project (SDG) No.: 23D0102 **Client Project ID:** PFAS/ 1,4 Dioxane 4/4 **Matrix:** Drinking Water **Collection Date/Time:** April 4, 2023 8:15 am **Date Received:** 04/04/2023

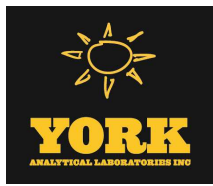
PFAS, EPA 533 Target List

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	0.833	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 18:42	
756426-58-1	9CL-PF3ONS	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 18:42	
763051-92-9	11CL-PF3OUdS	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 18:42	
13252-13-6	HFPO-DA (Gen-X)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 18:42	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 18:42	
335-76-2	Perfluorodecanoic acid (PFDA)	ND		10		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 18:42	
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 18:42	
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		10		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 18:42	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		10		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 18:42	
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 18:42	
375-95-1	Perfluorononanoic acid (PFNA)	ND		10		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 18:42	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		10		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 18:42	



Sample Information

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

York Sample ID: 23D0102-08

<u>York Project (SDG) No.</u> 23D0102	<u>Client Project ID</u> PFAS/ 1,4 Dioxane 4/4	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> April 4, 2023 8:15 am	<u>Date Received</u> 04/04/2023
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PFAS, EPA 533 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 533

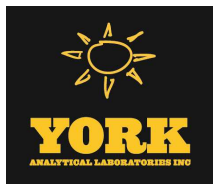
CAS No.	Parameter	Result	Flag	Maximum Contaminant Level		Units	Reported to LOQ	Reference Method	Date/Time Prep/Anal	Analyst
				MCL						
335-67-1	Perfluorooctanoic acid (PFOA)	ND		10		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
							Certifications: NELAC-NY12058		04/13/2023 18:42	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
							Certifications: NELAC-NY12058		04/13/2023 18:42	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
							Certifications: NELAC-NY12058		04/13/2023 18:42	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
							Certifications: NELAC-NY12058		04/13/2023 18:42	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
							Certifications: NELAC-NY12058		04/13/2023 18:42	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		-		ng/L	1.67	EPA 533	04/12/2023 15:55	ESJ
							Certifications: NELAC-NY12058		04/13/2023 18:42	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		-		ng/L	1.67	EPA 533	04/12/2023 15:55	ESJ
							Certifications: NELAC-NY12058		04/13/2023 18:42	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
							Certifications: NELAC-NY12058		04/13/2023 18:42	
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
							Certifications: NELAC-NY12058		04/13/2023 18:42	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
							Certifications: NELAC-NY12058		04/13/2023 18:42	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
							Certifications: NELAC-NY12058		04/13/2023 18:42	
151772-58-6	Perfluoro-3,6-dioxahexanoic acid (NFDHA)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
							Certifications: NELAC-NY12058		04/13/2023 18:42	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
							Certifications: NELAC-NY12058		04/13/2023 18:42	

Surrogate Recoveries

Result

Acceptance Range

Surrogate: MPFDoA	88.2 %	50-200
Surrogate: MPFBA	107 %	50-200
Surrogate: M9PFNA	109 %	50-200
Surrogate: M8PFOS	103 %	50-200
Surrogate: M8PFOA	107 %	50-200
Surrogate: M7PFUdA	85.7 %	50-200
Surrogate: M6PFDA	94.7 %	50-200
Surrogate: M5PFPeA	90.1 %	50-200
Surrogate: M5PFHxA	101 %	50-200
Surrogate: M4PFHpA	112 %	50-200
Surrogate: M3PFHxS	96.6 %	50-200
Surrogate: M3PFBS	101 %	50-200
Surrogate: M3HFPO-DA	95.7 %	50-200
Surrogate: M2-8:2 FTS	80.6 %	50-200



Sample Information

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

York Sample ID: 23D0102-08

<u>York Project (SDG) No.</u> 23D0102	<u>Client Project ID</u> PFAS/ 1,4 Dioxane 4/4	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> April 4, 2023 8:15 am	<u>Date Received</u> 04/04/2023
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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	101 %		50-200						
	Surrogate: M2-4:2 FTS	104 %		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	04/11/2023 11:35	ESJ
							Certifications: NELAC-NY12058		04/12/2023 02:02	
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		-		ng/L	0.806	EPA 537.1	04/11/2023 11:35	ESJ
							Certifications: NELAC-NY12058		04/12/2023 02:02	
2355-31-9	N-MeFOSAA	ND		-		ng/L	0.806	EPA 537.1	04/11/2023 11:35	ESJ
							Certifications: NELAC-NY12058		04/12/2023 02:02	
2991-50-6	N-EtFOSAA	ND		-		ng/L	0.806	EPA 537.1	04/11/2023 11:35	ESJ
							Certifications: NELAC-NY12058		04/12/2023 02:02	

Surrogate Recoveries

Result

Acceptance Range

Surrogate: d5-N-EtFOSAA	110 %	70-130
Surrogate: MPFDA	108 %	70-130
Surrogate: MPFHxA	97.4 %	70-130
Surrogate: M3HFPO-DA	98.5 %	70-130

Sample Information

Client Sample ID: Well 2-1 Ran to Waste

York Sample ID: 23D0102-09

<u>York Project (SDG) No.</u> 23D0102	<u>Client Project ID</u> PFAS/ 1,4 Dioxane 4/4	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> April 4, 2023 8:35 am	<u>Date Received</u> 04/04/2023
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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	04/06/2023 08:32	KH
							Certifications: NELAC-NY10854		04/07/2023 19:22	

Surrogate Recoveries

Result

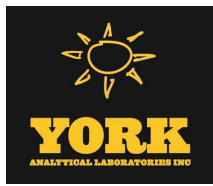
Acceptance Range

17647-74-4	Surrogate: 1,4-Dioxane-d8	108 %	70-130
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PFAS, EPA 533 Target List

Log-in Notes:

Sample Notes:



Sample Information

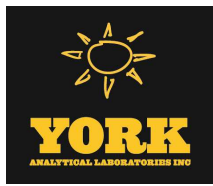
Client Sample ID: Well 2-1 Ran to Waste

York Sample ID: 23D0102-09

<u>York Project (SDG) No.</u> 23D0102	<u>Client Project ID</u> PFAS/ 1,4 Dioxane 4/4	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> April 4, 2023 8:35 am	<u>Date Received</u> 04/04/2023
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Sample Prepared by Method: EPA 533

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level MCL	Units	Reported to LOQ	Reference Method	Date/Time Prep/Anal	Analyst
919005-14-4	ADONA	ND		-	ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
						Certifications:	NELAC-NY12058	04/13/2023 19:08	
756426-58-1	9CL-PF3ONS	ND		-	ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
						Certifications:	NELAC-NY12058	04/13/2023 19:08	
763051-92-9	11CL-PF3OUdS	ND		-	ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
						Certifications:	NELAC-NY12058	04/13/2023 19:08	
13252-13-6	HFPO-DA (Gen-X)	ND		-	ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
						Certifications:	NELAC-NY12058	04/13/2023 19:08	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	1.33		-	ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
						Certifications:	NELAC-NY12058	04/13/2023 19:08	
335-76-2	Perfluorodecanoic acid (PFDA)	ND		10	ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
						Certifications:	NELAC-NY12058	04/13/2023 19:08	
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		-	ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
						Certifications:	NELAC-NY12058	04/13/2023 19:08	
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		10	ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
						Certifications:	NELAC-NY12058	04/13/2023 19:08	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	1.37		10	ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
						Certifications:	NELAC-NY12058	04/13/2023 19:08	
307-24-4	Perfluorohexanoic acid (PFHxA)	1.77		-	ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
						Certifications:	NELAC-NY12058	04/13/2023 19:08	
375-95-1	Perfluorononanoic acid (PFNA)	ND		10	ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
						Certifications:	NELAC-NY12058	04/13/2023 19:08	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		10	ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
						Certifications:	NELAC-NY12058	04/13/2023 19:08	
335-67-1	Perfluorooctanoic acid (PFOA)	1.03		10	ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
						Certifications:	NELAC-NY12058	04/13/2023 19:08	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		-	ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
						Certifications:	NELAC-NY12058	04/13/2023 19:08	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		-	ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
						Certifications:	NELAC-NY12058	04/13/2023 19:08	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		-	ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
						Certifications:	NELAC-NY12058	04/13/2023 19:08	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	0.960		-	ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
						Certifications:	NELAC-NY12058	04/13/2023 19:08	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		-	ng/L	1.67	EPA 533	04/12/2023 15:55	ESJ
						Certifications:	NELAC-NY12058	04/13/2023 19:08	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		-	ng/L	1.67	EPA 533	04/12/2023 15:55	ESJ
						Certifications:	NELAC-NY12058	04/13/2023 19:08	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		-	ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
						Certifications:	NELAC-NY12058	04/13/2023 19:08	
2706-90-3	Perfluoropentanoic acid (PFPeA)	1.98		-	ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
						Certifications:	NELAC-NY12058	04/13/2023 19:08	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		-	ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
						Certifications:	NELAC-NY12058	04/13/2023 19:08	



Sample Information

Client Sample ID: Well 2-1 Ran to Waste

York Sample ID: 23D0102-09

<u>York Project (SDG) No.</u> 23D0102	<u>Client Project ID</u> PFAS/ 1,4 Dioxane 4/4	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> April 4, 2023 8:35 am	<u>Date Received</u> 04/04/2023
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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	0.833	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 19:08	
151772-58-6	Perfluoro-3,6-dioxahexanoic acid (NFDHA)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 19:08	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 19:08	
	Surrogate Recoveries	Result		Acceptance Range						
	Surrogate: MPFDoA	83.4 %		50-200						
	Surrogate: MPFBA	108 %		50-200						
	Surrogate: M9PFNA	106 %		50-200						
	Surrogate: M8PFOS	101 %		50-200						
	Surrogate: M8PFOA	110 %		50-200						
	Surrogate: M7PFUdA	81.5 %		50-200						
	Surrogate: M6PFDA	87.3 %		50-200						
	Surrogate: M5PFPeA	89.7 %		50-200						
	Surrogate: M5PFHxA	103 %		50-200						
	Surrogate: M4PFHpA	116 %		50-200						
	Surrogate: M3PFHxS	102 %		50-200						
	Surrogate: M3PFBS	109 %		50-200						
	Surrogate: M3HFPO-DA	135 %		50-200						
	Surrogate: M2-8:2 FTS	83.6 %		50-200						
	Surrogate: M2-6:2 FTS	115 %		50-200						
	Surrogate: M2-4:2 FTS	130 %		50-200						

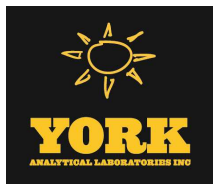
PFAS, EPA 537.1 UCMR5 List

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	0.833	EPA 537.1	04/11/2023 11:35	ESJ
							Certifications:	NELAC-NY12058	04/12/2023 02:15	
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		-		ng/L	0.833	EPA 537.1	04/11/2023 11:35	ESJ
							Certifications:	NELAC-NY12058	04/12/2023 02:15	
2355-31-9	N-MeFOSAA	ND		-		ng/L	0.833	EPA 537.1	04/11/2023 11:35	ESJ
							Certifications:	NELAC-NY12058	04/12/2023 02:15	
2991-50-6	N-EtFOSAA	ND		-		ng/L	0.833	EPA 537.1	04/11/2023 11:35	ESJ
							Certifications:	NELAC-NY12058	04/12/2023 02:15	
	Surrogate Recoveries	Result		Acceptance Range						
	Surrogate: d5-N-EtFOSAA	88.0 %		70-130						
	Surrogate: MPFDA	96.8 %		70-130						
	Surrogate: MPFHxA	98.6 %		70-130						



Sample Information

Client Sample ID: Well 2-1 Ran to Waste

York Sample ID: 23D0102-09

<u>York Project (SDG) No.</u> 23D0102	<u>Client Project ID</u> PFAS/ 1,4 Dioxane 4/4	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> April 4, 2023 8:35 am	<u>Date Received</u> 04/04/2023
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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	96.6 %		70-130						

Sample Information

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

York Sample ID: 23D0102-10

<u>York Project (SDG) No.</u> 23D0102	<u>Client Project ID</u> PFAS/ 1,4 Dioxane 4/4	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> April 4, 2023 8:35 am	<u>Date Received</u> 04/04/2023
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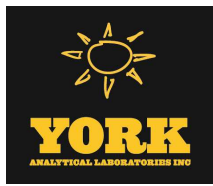
PFAS, EPA 533 Target List

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	0.833	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 19:21	
756426-58-1	9CL-PF3ONS	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 19:21	
763051-92-9	11CL-PF3OUdS	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 19:21	
13252-13-6	HFPO-DA (Gen-X)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 19:21	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 19:21	
335-76-2	Perfluorodecanoic acid (PFDA)	ND		10		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 19:21	
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 19:21	
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		10		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 19:21	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		10		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 19:21	
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 19:21	
375-95-1	Perfluorononanoic acid (PFNA)	ND		10		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 19:21	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		10		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 19:21	
335-67-1	Perfluorooctanoic acid (PFOA)	ND		10		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 19:21	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 19:21	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 19:21	



Sample Information

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

York Sample ID: 23D0102-10

<u>York Project (SDG) No.</u> 23D0102	<u>Client Project ID</u> PFAS/ 1,4 Dioxane 4/4	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> April 4, 2023 8:35 am	<u>Date Received</u> 04/04/2023
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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						
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 19:21	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 19:21	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		-		ng/L	1.67	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 19:21	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		-		ng/L	1.67	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 19:21	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 19:21	
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 19:21	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 19:21	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 19:21	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 19:21	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 19:21	

Surrogate Recoveries

Result

Acceptance Range

Surrogate: MPFDoA	72.1 %	50-200
Surrogate: MPFBA	109 %	50-200
Surrogate: M9PFNA	100 %	50-200
Surrogate: M8PFOS	104 %	50-200
Surrogate: M8PFOA	107 %	50-200
Surrogate: M7PFUdA	82.0 %	50-200
Surrogate: M6PFDA	93.1 %	50-200
Surrogate: M5PFPeA	91.8 %	50-200
Surrogate: M5PFHxA	99.0 %	50-200
Surrogate: M4PFHpA	113 %	50-200
Surrogate: M3PFHxS	102 %	50-200
Surrogate: M3PFBS	111 %	50-200
Surrogate: M3HFPO-DA	95.9 %	50-200
Surrogate: M2-8:2 FTS	103 %	50-200
Surrogate: M2-6:2 FTS	134 %	50-200
Surrogate: M2-4:2 FTS	115 %	50-200

PFAS, EPA 537.1 UCMR5 List

Log-in Notes:

Sample Notes:



Sample Information

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

York Sample ID: 23D0102-10

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
23D0102	PFAS/ 1,4 Dioxane 4/4	Drinking Water	April 4, 2023 8:35 am	04/04/2023

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	0.806	EPA 537.1	04/11/2023 11:35	ESJ
							Certifications:	NELAC-NY12058	04/12/2023 02:29	
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		-		ng/L	0.806	EPA 537.1	04/11/2023 11:35	ESJ
							Certifications:	NELAC-NY12058	04/12/2023 02:29	
2355-31-9	N-MeFOSAA	ND		-		ng/L	0.806	EPA 537.1	04/11/2023 11:35	ESJ
							Certifications:	NELAC-NY12058	04/12/2023 02:29	
2991-50-6	N-EtFOSAA	ND		-		ng/L	0.806	EPA 537.1	04/11/2023 11:35	ESJ
							Certifications:	NELAC-NY12058	04/12/2023 02:29	

Surrogate Recoveries	Result	Acceptance Range
Surrogate: d5-N-EtFOSAA	106 %	70-130
Surrogate: MPFDA	103 %	70-130
Surrogate: MPFHxA	99.2 %	70-130
Surrogate: M3HFPO-DA	98.2 %	70-130

Sample Information

Client Sample ID: Well 2-2

York Sample ID: 23D0102-11

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
23D0102	PFAS/ 1,4 Dioxane 4/4	Drinking Water	April 4, 2023 8:50 am	04/04/2023

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	04/06/2023 08:32	KH
							Certifications:	NELAC-NY10854	04/07/2023 15:38	

Surrogate Recoveries	Result	Acceptance Range
Surrogate: 1,4-Dioxane-d8	96.0 %	70-130

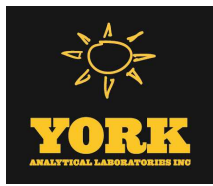
PFAS, EPA 533 Target List

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	0.926	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 21:06	
756426-58-1	9CL-PF3ONS	ND		-		ng/L	0.926	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 21:06	
763051-92-9	11CL-PF3OUdS	ND		-		ng/L	0.926	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 21:06	



Sample Information

Client Sample ID: Well 2-2

York Sample ID: 23D0102-11

<u>York Project (SDG) No.</u> 23D0102	<u>Client Project ID</u> PFAS/ 1,4 Dioxane 4/4	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> April 4, 2023 8:50 am	<u>Date Received</u> 04/04/2023
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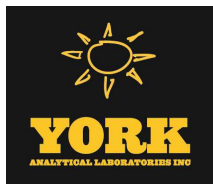
PFAS, EPA 533 Target List

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						
13252-13-6	HFPO-DA (Gen-X)	ND		-		ng/L	0.926	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 21:06	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		-		ng/L	0.926	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 21:06	
335-76-2	Perfluorodecanoic acid (PFDA)	ND		10		ng/L	0.926	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 21:06	
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		-		ng/L	0.926	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 21:06	
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		10		ng/L	0.926	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 21:06	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	1.24		10		ng/L	0.926	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 21:06	
307-24-4	Perfluorohexanoic acid (PFHxA)	0.947		-		ng/L	0.926	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 21:06	
375-95-1	Perfluorononanoic acid (PFNA)	ND		10		ng/L	0.926	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 21:06	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		10		ng/L	0.926	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 21:06	
335-67-1	Perfluorooctanoic acid (PFOA)	ND		10		ng/L	0.926	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 21:06	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		-		ng/L	0.926	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 21:06	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		-		ng/L	0.926	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 21:06	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		-		ng/L	0.926	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 21:06	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		-		ng/L	0.926	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 21:06	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		-		ng/L	1.85	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 21:06	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		-		ng/L	1.85	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 21:06	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		-		ng/L	0.926	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 21:06	
2706-90-3	Perfluoropentanoic acid (PFPeA)	1.16		-		ng/L	0.926	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 21:06	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		-		ng/L	0.926	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 21:06	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		-		ng/L	0.926	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 21:06	
151772-58-6	Perfluoro-3,6-dioxahexanoic acid (NFDHA)	ND		-		ng/L	0.926	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 21:06	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND		-		ng/L	0.926	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 21:06	



Sample Information

Client Sample ID: Well 2-2					York Sample ID: 23D0102-11
<u>York Project (SDG) No.</u> 23D0102	<u>Client Project ID</u> PFAS/ 1,4 Dioxane 4/4	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> April 4, 2023 8:50 am	<u>Date Received</u> 04/04/2023	

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					
Surrogate Recoveries		Result		Acceptance Range						
	Surrogate: MPFDoA	71.7 %		50-200						
	Surrogate: MPFBA	105 %		50-200						
	Surrogate: M9PFNA	106 %		50-200						
	Surrogate: M8PFOS	97.9 %		50-200						
	Surrogate: M8PFOA	103 %		50-200						
	Surrogate: M7PFUdA	73.5 %		50-200						
	Surrogate: M6PFDA	88.8 %		50-200						
	Surrogate: M5PFPeA	89.1 %		50-200						
	Surrogate: M5PFHxA	94.2 %		50-200						
	Surrogate: M4PFHpA	103 %		50-200						
	Surrogate: M3PFHxS	103 %		50-200						
	Surrogate: M3PFBS	107 %		50-200						
	Surrogate: M3HFPO-DA	119 %		50-200						
	Surrogate: M2-8:2 FTS	72.9 %		50-200						
	Surrogate: M2-6:2 FTS	106 %		50-200						
	Surrogate: M2-4:2 FTS	122 %		50-200						

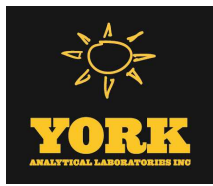
PFAS, EPA 537.1 UCMR5 List

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	0.833	EPA 537.1	04/11/2023 11:35	ESJ
								Certifications: NELAC-NY12058	04/12/2023 02:43	
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		-		ng/L	0.833	EPA 537.1	04/11/2023 11:35	ESJ
								Certifications: NELAC-NY12058	04/12/2023 02:43	
2355-31-9	N-MeFOSAA	ND		-		ng/L	0.833	EPA 537.1	04/11/2023 11:35	ESJ
								Certifications: NELAC-NY12058	04/12/2023 02:43	
2991-50-6	N-EtFOSAA	ND		-		ng/L	0.833	EPA 537.1	04/11/2023 11:35	ESJ
								Certifications: NELAC-NY12058	04/12/2023 02:43	
Surrogate Recoveries		Result		Acceptance Range						
	Surrogate: d5-N-EtFOSAA	83.7 %		70-130						
	Surrogate: MPFDA	91.9 %		70-130						
	Surrogate: MPFHxA	98.4 %		70-130						
	Surrogate: M3HFPO-DA	97.5 %		70-130						



Sample Information

Client Sample ID: Well 2-2 Field Blank

York Sample ID: 23D0102-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23D0102

PFAS/ 1,4 Dioxane 4/4

Drinking Water

April 4, 2023 8:50 am

04/04/2023

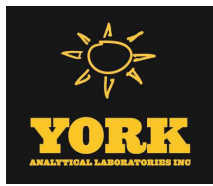
PFAS, EPA 533 Target List

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	0.833	EPA 533	04/12/2023 15:55	ESJ
								NELAC-NY12058	04/13/2023 19:47	
756426-58-1	9CL-PF3ONS	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
								NELAC-NY12058	04/13/2023 19:47	
763051-92-9	11CL-PF3OUdS	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
								NELAC-NY12058	04/13/2023 19:47	
13252-13-6	HFPO-DA (Gen-X)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
								NELAC-NY12058	04/13/2023 19:47	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
								NELAC-NY12058	04/13/2023 19:47	
335-76-2	Perfluorodecanoic acid (PFDA)	ND		10		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
								NELAC-NY12058	04/13/2023 19:47	
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
								NELAC-NY12058	04/13/2023 19:47	
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		10		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
								NELAC-NY12058	04/13/2023 19:47	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		10		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
								NELAC-NY12058	04/13/2023 19:47	
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
								NELAC-NY12058	04/13/2023 19:47	
375-95-1	Perfluorononanoic acid (PFNA)	ND		10		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
								NELAC-NY12058	04/13/2023 19:47	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		10		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
								NELAC-NY12058	04/13/2023 19:47	
335-67-1	Perfluorooctanoic acid (PFOA)	ND		10		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
								NELAC-NY12058	04/13/2023 19:47	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
								NELAC-NY12058	04/13/2023 19:47	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
								NELAC-NY12058	04/13/2023 19:47	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
								NELAC-NY12058	04/13/2023 19:47	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
								NELAC-NY12058	04/13/2023 19:47	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		-		ng/L	1.67	EPA 533	04/12/2023 15:55	ESJ
								NELAC-NY12058	04/13/2023 19:47	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		-		ng/L	1.67	EPA 533	04/12/2023 15:55	ESJ
								NELAC-NY12058	04/13/2023 19:47	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
								NELAC-NY12058	04/13/2023 19:47	
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
								NELAC-NY12058	04/13/2023 19:47	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
								NELAC-NY12058	04/13/2023 19:47	



Sample Information

Client Sample ID: Well 2-2 Field Blank

York Sample ID: 23D0102-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23D0102

PFAS/ 1,4 Dioxane 4/4

Drinking Water

April 4, 2023 8:50 am

04/04/2023

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	0.833	EPA 533	04/12/2023 15:55	ESJ
							Certifications: NELAC-NY12058		04/13/2023 19:47	
151772-58-6	Perfluoro-3,6-dioxahexanoic acid (NFDHA)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
							Certifications: NELAC-NY12058		04/13/2023 19:47	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
							Certifications: NELAC-NY12058		04/13/2023 19:47	
	Surrogate Recoveries	Result		Acceptance Range						
	Surrogate: MPFDoA	73.3 %		50-200						
	Surrogate: MPFBA	97.6 %		50-200						
	Surrogate: M9PFNA	99.1 %		50-200						
	Surrogate: M8PFOS	102 %		50-200						
	Surrogate: M8PFOA	99.7 %		50-200						
	Surrogate: M7PFUdA	72.6 %		50-200						
	Surrogate: M6PFDA	80.4 %		50-200						
	Surrogate: M5PFPeA	81.3 %		50-200						
	Surrogate: M5PFHxA	94.2 %		50-200						
	Surrogate: M4PFHpA	103 %		50-200						
	Surrogate: M3PFHxS	97.4 %		50-200						
	Surrogate: M3PFBS	104 %		50-200						
	Surrogate: M3HFPO-DA	106 %		50-200						
	Surrogate: M2-8:2 FTS	88.9 %		50-200						
	Surrogate: M2-6:2 FTS	111 %		50-200						
	Surrogate: M2-4:2 FTS	103 %		50-200						

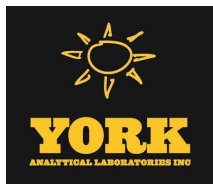
PFAS, EPA 537.1 UCMR5 List

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	04/11/2023 11:35	ESJ
							Certifications: NELAC-NY12058		04/12/2023 02:56	
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		-		ng/L	0.806	EPA 537.1	04/11/2023 11:35	ESJ
							Certifications: NELAC-NY12058		04/12/2023 02:56	
2355-31-9	N-MeFOSAA	ND		-		ng/L	0.806	EPA 537.1	04/11/2023 11:35	ESJ
							Certifications: NELAC-NY12058		04/12/2023 02:56	
2991-50-6	N-EtFOSAA	ND		-		ng/L	0.806	EPA 537.1	04/11/2023 11:35	ESJ
							Certifications: NELAC-NY12058		04/12/2023 02:56	
	Surrogate Recoveries	Result		Acceptance Range						
	Surrogate: d5-N-EtFOSAA	120 %		70-130						
	Surrogate: MPFDA	107 %		70-130						
	Surrogate: MPFHxA	101 %		70-130						



Sample Information

Client Sample ID: Well 2-2 Field Blank

York Sample ID: 23D0102-12

<u>York Project (SDG) No.</u> 23D0102	<u>Client Project ID</u> PFAS/ 1,4 Dioxane 4/4	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> April 4, 2023 8:50 am	<u>Date Received</u> 04/04/2023
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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						
	<i>Surrogate: M3HFPO-DA</i>	106 %		70-130						

Sample Information

Client Sample ID: Well 3-1

York Sample ID: 23D0102-13

<u>York Project (SDG) No.</u> 23D0102	<u>Client Project ID</u> PFAS/ 1,4 Dioxane 4/4	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> April 4, 2023 9:10 am	<u>Date Received</u> 04/04/2023
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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	04/06/2023 08:32	KH
	Surrogate Recoveries	Result		Acceptance Range						
17647-74-4	<i>Surrogate: 1,4-Dioxane-d8</i>	100 %		70-130					04/07/2023 15:56	

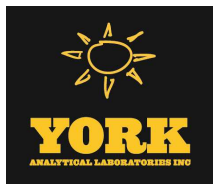
PFAS, EPA 533 Target List

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	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 19:59	
756426-58-1	9CL-PF3ONS	ND		-		ng/L	0.962	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 19:59	
763051-92-9	11CL-PF3OUdS	ND		-		ng/L	0.962	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 19:59	
13252-13-6	HFPO-DA (Gen-X)	ND		-		ng/L	0.962	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 19:59	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	1.03		-		ng/L	0.962	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 19:59	
335-76-2	Perfluorodecanoic acid (PFDA)	ND		10		ng/L	0.962	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 19:59	
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		-		ng/L	0.962	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 19:59	
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		10		ng/L	0.962	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 19:59	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		10		ng/L	0.962	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 19:59	



Sample Information

Client Sample ID: Well 3-1

York Sample ID: 23D0102-13

<u>York Project (SDG) No.</u> 23D0102	<u>Client Project ID</u> PFAS/ 1,4 Dioxane 4/4	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> April 4, 2023 9:10 am	<u>Date Received</u> 04/04/2023
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PFAS, EPA 533 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 533

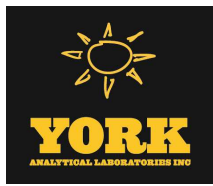
CAS No.	Parameter	Result	Flag	Maximum Contaminant Level		Units	Reported to LOQ	Reference Method	Date/Time Prep/Anal	Analyst
				MCL						
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		-		ng/L	0.962	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 19:59	
375-95-1	Perfluorononanoic acid (PFNA)	ND		10		ng/L	0.962	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 19:59	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		10		ng/L	0.962	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 19:59	
335-67-1	Perfluorooctanoic acid (PFOA)	ND		10		ng/L	0.962	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 19:59	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		-		ng/L	0.962	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 19:59	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		-		ng/L	0.962	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 19:59	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		-		ng/L	0.962	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 19:59	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		-		ng/L	0.962	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 19:59	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		-		ng/L	1.92	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 19:59	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		-		ng/L	1.92	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 19:59	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		-		ng/L	0.962	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 19:59	
2706-90-3	Perfluoropentanoic acid (PFPeA)	1.29		-		ng/L	0.962	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 19:59	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		-		ng/L	0.962	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 19:59	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		-		ng/L	0.962	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 19:59	
151772-58-6	Perfluoro-3,6-dioxahexanoic acid (NFDHA)	ND		-		ng/L	0.962	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 19:59	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		-		ng/L	0.962	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 19:59	

Surrogate Recoveries

Result

Acceptance Range

Surrogate: MPFDoA	60.4 %	50-200
Surrogate: MPFBA	109 %	50-200
Surrogate: M9PFNA	100 %	50-200
Surrogate: M8PFOS	97.9 %	50-200
Surrogate: M8PFOA	101 %	50-200
Surrogate: M7PFUdA	71.9 %	50-200
Surrogate: M6PFDA	77.6 %	50-200
Surrogate: M5PFPeA	89.3 %	50-200
Surrogate: M5PFHxA	95.7 %	50-200



Sample Information

Client Sample ID: Well 3-1 **York Sample ID:** 23D0102-13
York Project (SDG) No.: 23D0102 **Client Project ID:** PFAS/ 1,4 Dioxane 4/4 **Matrix:** Drinking Water **Collection Date/Time:** April 4, 2023 9:10 am **Date Received:** 04/04/2023

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: M4PFHpA	108 %		50-200						
	Surrogate: M3PFHxS	102 %		50-200						
	Surrogate: M3PFBS	106 %		50-200						
	Surrogate: M3HFPO-DA	69.8 %		50-200						
	Surrogate: M2-8:2 FTS	75.4 %		50-200						
	Surrogate: M2-6:2 FTS	119 %		50-200						
	Surrogate: M2-4:2 FTS	125 %		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	0.833	EPA 537.1	04/11/2023 11:35	ESJ
							Certifications: NELAC-NY12058		04/12/2023 03:24	
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		-		ng/L	0.833	EPA 537.1	04/11/2023 11:35	ESJ
							Certifications: NELAC-NY12058		04/12/2023 03:24	
2355-31-9	N-MeFOSAA	ND		-		ng/L	0.833	EPA 537.1	04/11/2023 11:35	ESJ
							Certifications: NELAC-NY12058		04/12/2023 03:24	
2991-50-6	N-EtFOSAA	ND		-		ng/L	0.833	EPA 537.1	04/11/2023 11:35	ESJ
							Certifications: NELAC-NY12058		04/12/2023 03:24	
	Surrogate Recoveries	Result		Acceptance Range						
	Surrogate: d5-N-EtFOSAA	130 %		70-130						
	Surrogate: MPFDA	106 %		70-130						
	Surrogate: MPFHxA	103 %		70-130						
	Surrogate: M3HFPO-DA	106 %		70-130						

Sample Information

Client Sample ID: Well 3-1 Field Blank **York Sample ID:** 23D0102-14
York Project (SDG) No.: 23D0102 **Client Project ID:** PFAS/ 1,4 Dioxane 4/4 **Matrix:** Drinking Water **Collection Date/Time:** April 4, 2023 9:10 am **Date Received:** 04/04/2023

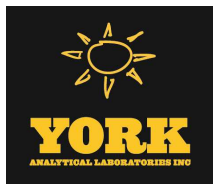
PFAS, EPA 533 Target List

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	0.833	EPA 533	04/12/2023 15:55	ESJ
							Certifications: NELAC-NY12058		04/13/2023 20:12	



Sample Information

Client Sample ID: Well 3-1 Field Blank

York Sample ID: 23D0102-14

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23D0102

PFAS/ 1,4 Dioxane 4/4

Drinking Water

April 4, 2023 9:10 am

04/04/2023

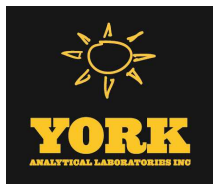
PFAS, EPA 533 Target List

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	0.833	EPA 533	04/12/2023 15:55	ESJ
								NELAC-NY12058	04/13/2023 20:12	
763051-92-9	11CL-PF3OUdS	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
								NELAC-NY12058	04/13/2023 20:12	
13252-13-6	HFPO-DA (Gen-X)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
								NELAC-NY12058	04/13/2023 20:12	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
								NELAC-NY12058	04/13/2023 20:12	
335-76-2	Perfluorodecanoic acid (PFDA)	ND		10		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
								NELAC-NY12058	04/13/2023 20:12	
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
								NELAC-NY12058	04/13/2023 20:12	
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		10		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
								NELAC-NY12058	04/13/2023 20:12	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		10		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
								NELAC-NY12058	04/13/2023 20:12	
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
								NELAC-NY12058	04/13/2023 20:12	
375-95-1	Perfluorononanoic acid (PFNA)	ND		10		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
								NELAC-NY12058	04/13/2023 20:12	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		10		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
								NELAC-NY12058	04/13/2023 20:12	
335-67-1	Perfluorooctanoic acid (PFOA)	ND		10		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
								NELAC-NY12058	04/13/2023 20:12	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
								NELAC-NY12058	04/13/2023 20:12	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
								NELAC-NY12058	04/13/2023 20:12	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
								NELAC-NY12058	04/13/2023 20:12	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
								NELAC-NY12058	04/13/2023 20:12	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		-		ng/L	1.67	EPA 533	04/12/2023 15:55	ESJ
								NELAC-NY12058	04/13/2023 20:12	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		-		ng/L	1.67	EPA 533	04/12/2023 15:55	ESJ
								NELAC-NY12058	04/13/2023 20:12	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
								NELAC-NY12058	04/13/2023 20:12	
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
								NELAC-NY12058	04/13/2023 20:12	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
								NELAC-NY12058	04/13/2023 20:12	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
								NELAC-NY12058	04/13/2023 20:12	



Sample Information

Client Sample ID: Well 3-1 Field Blank

York Sample ID: 23D0102-14

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23D0102

PFAS/ 1,4 Dioxane 4/4

Drinking Water

April 4, 2023 9:10 am

04/04/2023

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	0.833	EPA 533	04/12/2023 15:55	ESJ
							Certifications: NELAC-NY12058		04/13/2023 20:12	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
							Certifications: NELAC-NY12058		04/13/2023 20:12	
	Surrogate Recoveries	Result		Acceptance Range						
	Surrogate: MPFDoA	77.7 %		50-200						
	Surrogate: MPFBA	109 %		50-200						
	Surrogate: M9PFNA	110 %		50-200						
	Surrogate: M8PFOS	104 %		50-200						
	Surrogate: M8PFOA	109 %		50-200						
	Surrogate: M7PFUdA	82.5 %		50-200						
	Surrogate: M6PFDA	99.3 %		50-200						
	Surrogate: M5PFPeA	92.8 %		50-200						
	Surrogate: M5PFHxA	101 %		50-200						
	Surrogate: M4PFHpA	114 %		50-200						
	Surrogate: M3PFHxS	107 %		50-200						
	Surrogate: M3PFBS	109 %		50-200						
	Surrogate: M3HFPO-DA	107 %		50-200						
	Surrogate: M2-8:2 FTS	96.1 %		50-200						
	Surrogate: M2-6:2 FTS	127 %		50-200						
	Surrogate: M2-4:2 FTS	113 %		50-200						

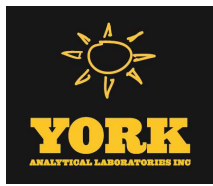
PFAS, EPA 537.1 UCMR5 List

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	0.806	EPA 537.1	04/11/2023 11:35	ESJ
							Certifications: NELAC-NY12058		04/12/2023 03:37	
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		-		ng/L	0.806	EPA 537.1	04/11/2023 11:35	ESJ
							Certifications: NELAC-NY12058		04/12/2023 03:37	
2355-31-9	N-MeFOSAA	ND		-		ng/L	0.806	EPA 537.1	04/11/2023 11:35	ESJ
							Certifications: NELAC-NY12058		04/12/2023 03:37	
2991-50-6	N-EtFOSAA	ND		-		ng/L	0.806	EPA 537.1	04/11/2023 11:35	ESJ
							Certifications: NELAC-NY12058		04/12/2023 03:37	
	Surrogate Recoveries	Result		Acceptance Range						
	Surrogate: d5-N-EtFOSAA	129 %		70-130						
	Surrogate: MPFDA	116 %		70-130						
	Surrogate: MPFHxA	108 %		70-130						
	Surrogate: M3HFPO-DA	108 %		70-130						



Sample Information

Client Sample ID: Well 3-2

York Sample ID: 23D0102-15

<u>York Project (SDG) No.</u> 23D0102	<u>Client Project ID</u> PFAS/ 1,4 Dioxane 4/4	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> April 4, 2023 9:40 am	<u>Date Received</u> 04/04/2023
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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	04/06/2023 08:32	KH
						Certifications:	NELAC-NY10854		04/07/2023 16:15	
	Surrogate Recoveries	Result		Acceptance Range						
17647-74-4	Surrogate: 1,4-Dioxane-d8	96.0 %		70-130						

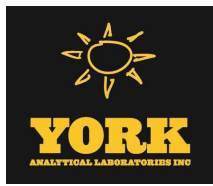
PFAS, EPA 533 Target List

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	1.00	EPA 533	04/12/2023 15:55	ESJ
						Certifications:	NELAC-NY12058		04/13/2023 20:25	
756426-58-1	9CL-PF3ONS	ND		-		ng/L	1.00	EPA 533	04/12/2023 15:55	ESJ
						Certifications:	NELAC-NY12058		04/13/2023 20:25	
763051-92-9	11CL-PF3OUdS	ND		-		ng/L	1.00	EPA 533	04/12/2023 15:55	ESJ
						Certifications:	NELAC-NY12058		04/13/2023 20:25	
13252-13-6	HFPO-DA (Gen-X)	ND		-		ng/L	1.00	EPA 533	04/12/2023 15:55	ESJ
						Certifications:	NELAC-NY12058		04/13/2023 20:25	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		-		ng/L	1.00	EPA 533	04/12/2023 15:55	ESJ
						Certifications:	NELAC-NY12058		04/13/2023 20:25	
335-76-2	Perfluorodecanoic acid (PFDA)	ND		10		ng/L	1.00	EPA 533	04/12/2023 15:55	ESJ
						Certifications:	NELAC-NY12058		04/13/2023 20:25	
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		-		ng/L	1.00	EPA 533	04/12/2023 15:55	ESJ
						Certifications:	NELAC-NY12058		04/13/2023 20:25	
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		10		ng/L	1.00	EPA 533	04/12/2023 15:55	ESJ
						Certifications:	NELAC-NY12058		04/13/2023 20:25	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	4.74		10		ng/L	1.00	EPA 533	04/12/2023 15:55	ESJ
						Certifications:	NELAC-NY12058		04/13/2023 20:25	
307-24-4	Perfluorohexanoic acid (PFHxA)	1.48		-		ng/L	1.00	EPA 533	04/12/2023 15:55	ESJ
						Certifications:	NELAC-NY12058		04/13/2023 20:25	
375-95-1	Perfluorononanoic acid (PFNA)	7.36		10		ng/L	1.00	EPA 533	04/12/2023 15:55	ESJ
						Certifications:	NELAC-NY12058		04/13/2023 20:25	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	3.12		10		ng/L	1.00	EPA 533	04/12/2023 15:55	ESJ
						Certifications:	NELAC-NY12058		04/13/2023 20:25	
335-67-1	Perfluorooctanoic acid (PFOA)	1.61		10		ng/L	1.00	EPA 533	04/12/2023 15:55	ESJ
						Certifications:	NELAC-NY12058		04/13/2023 20:25	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		-		ng/L	1.00	EPA 533	04/12/2023 15:55	ESJ
						Certifications:	NELAC-NY12058		04/13/2023 20:25	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		-		ng/L	1.00	EPA 533	04/12/2023 15:55	ESJ
						Certifications:	NELAC-NY12058		04/13/2023 20:25	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		-		ng/L	1.00	EPA 533	04/12/2023 15:55	ESJ
						Certifications:	NELAC-NY12058		04/13/2023 20:25	



Sample Information

Client Sample ID: Well 3-2

York Sample ID: 23D0102-15

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23D0102

PFAS/ 1,4 Dioxane 4/4

Drinking Water

April 4, 2023 9:40 am

04/04/2023

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	1.00	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 20:25	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		-		ng/L	2.00	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 20:25	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		-		ng/L	2.00	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 20:25	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		-		ng/L	1.00	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 20:25	
2706-90-3	Perfluoropentanoic acid (PFPeA)	1.35		-		ng/L	1.00	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 20:25	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		-		ng/L	1.00	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 20:25	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		-		ng/L	1.00	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 20:25	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		-		ng/L	1.00	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 20:25	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND		-		ng/L	1.00	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 20:25	
	Surrogate Recoveries	Result		Acceptance Range						
	Surrogate: MPFDoA	95.8 %		50-200						
	Surrogate: MPFBA	125 %		50-200						
	Surrogate: M9PFNA	130 %		50-200						
	Surrogate: M8PFOS	128 %		50-200						
	Surrogate: M8PFOA	125 %		50-200						
	Surrogate: M7PFUdA	94.5 %		50-200						
	Surrogate: M6PFDA	104 %		50-200						
	Surrogate: M5PFPeA	104 %		50-200						
	Surrogate: M5PFHxA	118 %		50-200						
	Surrogate: M4PFHpA	138 %		50-200						
	Surrogate: M3PFHxS	129 %		50-200						
	Surrogate: M3PFBS	128 %		50-200						
	Surrogate: M3HFPO-DA	106 %		50-200						
	Surrogate: M2-8:2 FTS	90.4 %		50-200						
	Surrogate: M2-6:2 FTS	137 %		50-200						
	Surrogate: M2-4:2 FTS	152 %		50-200						

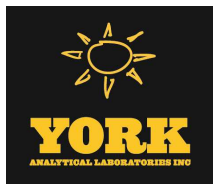
PFAS, EPA 537.1 UCMR5 List

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						
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@	Page 39 of 106



Sample Information

Client Sample ID: Well 3-2

York Sample ID: 23D0102-15

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23D0102

PFAS/ 1,4 Dioxane 4/4

Drinking Water

April 4, 2023 9:40 am

04/04/2023

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	0.833	EPA 537.1	04/11/2023 11:35	ESJ
								Certifications: NELAC-NY12058	04/12/2023 04:05	
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		-		ng/L	0.833	EPA 537.1	04/11/2023 11:35	ESJ
								Certifications: NELAC-NY12058	04/12/2023 04:05	
2355-31-9	N-MeFOSAA	ND		-		ng/L	0.833	EPA 537.1	04/11/2023 11:35	ESJ
								Certifications: NELAC-NY12058	04/12/2023 04:05	
2991-50-6	N-EtFOSAA	ND		-		ng/L	0.833	EPA 537.1	04/11/2023 11:35	ESJ
								Certifications: NELAC-NY12058	04/12/2023 04:05	
	Surrogate Recoveries	Result		Acceptance Range						
	Surrogate: d5-N-EtFOSAA	95.5 %		70-130						
	Surrogate: MPFDA	97.7 %		70-130						
	Surrogate: MPFHxA	100 %		70-130						
	Surrogate: M3HFPO-DA	99.5 %		70-130						

Sample Information

Client Sample ID: Well 3-2 Field Blank

York Sample ID: 23D0102-16

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23D0102

PFAS/ 1,4 Dioxane 4/4

Drinking Water

April 4, 2023 9:40 am

04/04/2023

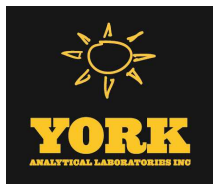
PFAS, EPA 533 Target List

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	0.833	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 20:38	
756426-58-1	9CL-PF3ONS	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 20:38	
763051-92-9	11CL-PF3OUdS	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 20:38	
13252-13-6	HFPO-DA (Gen-X)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 20:38	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 20:38	
335-76-2	Perfluorodecanoic acid (PFDA)	ND		10		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 20:38	
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 20:38	
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		10		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
								Certifications: NELAC-NY12058	04/13/2023 20:38	



Sample Information

Client Sample ID: Well 3-2 Field Blank

York Sample ID: 23D0102-16

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23D0102

PFAS/ 1,4 Dioxane 4/4

Drinking Water

April 4, 2023 9:40 am

04/04/2023

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	0.833	EPA 533	04/12/2023 15:55	ESJ
							Certifications: NELAC-NY12058		04/13/2023 20:38	
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
							Certifications: NELAC-NY12058		04/13/2023 20:38	
375-95-1	Perfluorononanoic acid (PFNA)	ND		10		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
							Certifications: NELAC-NY12058		04/13/2023 20:38	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		10		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
							Certifications: NELAC-NY12058		04/13/2023 20:38	
335-67-1	Perfluorooctanoic acid (PFOA)	ND		10		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
							Certifications: NELAC-NY12058		04/13/2023 20:38	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
							Certifications: NELAC-NY12058		04/13/2023 20:38	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
							Certifications: NELAC-NY12058		04/13/2023 20:38	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
							Certifications: NELAC-NY12058		04/13/2023 20:38	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
							Certifications: NELAC-NY12058		04/13/2023 20:38	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		-		ng/L	1.67	EPA 533	04/12/2023 15:55	ESJ
							Certifications: NELAC-NY12058		04/13/2023 20:38	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		-		ng/L	1.67	EPA 533	04/12/2023 15:55	ESJ
							Certifications: NELAC-NY12058		04/13/2023 20:38	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
							Certifications: NELAC-NY12058		04/13/2023 20:38	
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
							Certifications: NELAC-NY12058		04/13/2023 20:38	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
							Certifications: NELAC-NY12058		04/13/2023 20:38	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
							Certifications: NELAC-NY12058		04/13/2023 20:38	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
							Certifications: NELAC-NY12058		04/13/2023 20:38	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
							Certifications: NELAC-NY12058		04/13/2023 20:38	

Surrogate Recoveries

Result

Acceptance Range

Surrogate: MPFDoA	86.8 %	50-200
Surrogate: MPFBA	128 %	50-200
Surrogate: M9PFNA	117 %	50-200
Surrogate: M8PFOS	123 %	50-200
Surrogate: M8PFOA	123 %	50-200
Surrogate: M7PFUdA	94.8 %	50-200
Surrogate: M6PFDA	107 %	50-200



Sample Information

Client Sample ID: Well 3-2 Field Blank

York Sample ID: 23D0102-16

<u>York Project (SDG) No.</u> 23D0102	<u>Client Project ID</u> PFAS/ 1,4 Dioxane 4/4	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> April 4, 2023 9:40 am	<u>Date Received</u> 04/04/2023
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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: M5PFPeA	108 %		50-200						
	Surrogate: M5PFHxA	119 %		50-200						
	Surrogate: M4PFHpA	126 %		50-200						
	Surrogate: M3PFHxS	126 %		50-200						
	Surrogate: M3PFBS	133 %		50-200						
	Surrogate: M3HFPO-DA	163 %		50-200						
	Surrogate: M2-8:2 FTS	107 %		50-200						
	Surrogate: M2-6:2 FTS	143 %		50-200						
	Surrogate: M2-4:2 FTS	137 %		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	0.806	EPA 537.1	04/11/2023 11:35	ESJ
							Certifications: NELAC-NY12058		04/12/2023 04:19	
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		-		ng/L	0.806	EPA 537.1	04/11/2023 11:35	ESJ
							Certifications: NELAC-NY12058		04/12/2023 04:19	
2355-31-9	N-MeFOSAA	ND		-		ng/L	0.806	EPA 537.1	04/11/2023 11:35	ESJ
							Certifications: NELAC-NY12058		04/12/2023 04:19	
2991-50-6	N-EtFOSAA	ND		-		ng/L	0.806	EPA 537.1	04/11/2023 11:35	ESJ
							Certifications: NELAC-NY12058		04/12/2023 04:19	
	Surrogate Recoveries	Result		Acceptance Range						
	Surrogate: d5-N-EtFOSAA	120 %		70-130						
	Surrogate: MPFDA	103 %		70-130						
	Surrogate: MPFHxA	88.5 %		70-130						
	Surrogate: M3HFPO-DA	91.6 %		70-130						

Sample Information

Client Sample ID: Well 3-3

York Sample ID: 23D0102-17

<u>York Project (SDG) No.</u> 23D0102	<u>Client Project ID</u> PFAS/ 1,4 Dioxane 4/4	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> April 4, 2023 9:55 am	<u>Date Received</u> 04/04/2023
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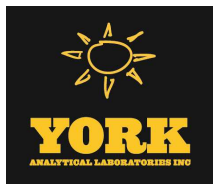
1,4-Dioxane by GC/MS/SIM EPA 522

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: Well 3-3

York Sample ID: 23D0102-17

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23D0102

PFAS/ 1,4 Dioxane 4/4

Drinking Water

April 4, 2023 9:55 am

04/04/2023

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	04/06/2023 08:32	KH
							Certifications: NELAC-NY10854		04/07/2023 19:41	
	Surrogate Recoveries	Result		Acceptance Range						
17647-74-4	Surrogate: 1,4-Dioxane-d8	104 %		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	0.833	EPA 533	04/12/2023 15:55	ESJ
							Certifications: NELAC-NY12058		04/13/2023 20:51	
756426-58-1	9CL-PF3ONS	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
							Certifications: NELAC-NY12058		04/13/2023 20:51	
763051-92-9	11CL-PF3OUdS	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
							Certifications: NELAC-NY12058		04/13/2023 20:51	
13252-13-6	HFPO-DA (Gen-X)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
							Certifications: NELAC-NY12058		04/13/2023 20:51	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
							Certifications: NELAC-NY12058		04/13/2023 20:51	
335-76-2	Perfluorodecanoic acid (PFDA)	ND		10		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
							Certifications: NELAC-NY12058		04/13/2023 20:51	
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
							Certifications: NELAC-NY12058		04/13/2023 20:51	
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		10		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
							Certifications: NELAC-NY12058		04/13/2023 20:51	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		10		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
							Certifications: NELAC-NY12058		04/13/2023 20:51	
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
							Certifications: NELAC-NY12058		04/13/2023 20:51	
375-95-1	Perfluorononanoic acid (PFNA)	ND		10		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
							Certifications: NELAC-NY12058		04/13/2023 20:51	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		10		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
							Certifications: NELAC-NY12058		04/13/2023 20:51	
335-67-1	Perfluorooctanoic acid (PFOA)	ND		10		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
							Certifications: NELAC-NY12058		04/13/2023 20:51	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
							Certifications: NELAC-NY12058		04/13/2023 20:51	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
							Certifications: NELAC-NY12058		04/13/2023 20:51	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
							Certifications: NELAC-NY12058		04/13/2023 20:51	



Sample Information

Client Sample ID: Well 3-3

York Sample ID: 23D0102-17

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23D0102

PFAS/ 1,4 Dioxane 4/4

Drinking Water

April 4, 2023 9:55 am

04/04/2023

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	0.833	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 20:51	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		-		ng/L	1.67	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 20:51	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		-		ng/L	1.67	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 20:51	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 20:51	
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 20:51	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 20:51	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 20:51	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 20:51	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND		-		ng/L	0.833	EPA 533	04/12/2023 15:55	ESJ
							Certifications:	NELAC-NY12058	04/13/2023 20:51	

Surrogate Recoveries

Result

Acceptance Range

Surrogate: MPFDoA	84.7 %	50-200
Surrogate: MPFBA	116 %	50-200
Surrogate: M9PFNA	114 %	50-200
Surrogate: M8PFOS	117 %	50-200
Surrogate: M8PFOA	112 %	50-200
Surrogate: M7PFUdA	90.1 %	50-200
Surrogate: M6PFDA	104 %	50-200
Surrogate: M5PFPeA	96.2 %	50-200
Surrogate: M5PFHxA	106 %	50-200
Surrogate: M4PFHpA	117 %	50-200
Surrogate: M3PFHxS	116 %	50-200
Surrogate: M3PFBS	117 %	50-200
Surrogate: M3HFPO-DA	120 %	50-200
Surrogate: M2-8:2 FTS	88.7 %	50-200
Surrogate: M2-6:2 FTS	120 %	50-200
Surrogate: M2-4:2 FTS	137 %	50-200

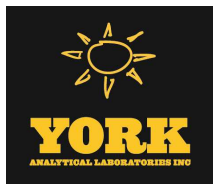
PFAS, EPA 537.1 UCMR5 List

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: Well 3-3

York Sample ID: 23D0102-17

<u>York Project (SDG) No.</u> 23D0102	<u>Client Project ID</u> PFAS/ 1,4 Dioxane 4/4	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> April 4, 2023 9:55 am	<u>Date Received</u> 04/04/2023
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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 (PFTrDA)	ND		-		ng/L	0.926	EPA 537.1	04/11/2023 11:35	ESJ
								Certifications: NELAC-NY12058	04/12/2023 04:32	
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		-		ng/L	0.926	EPA 537.1	04/11/2023 11:35	ESJ
								Certifications: NELAC-NY12058	04/12/2023 04:32	
2355-31-9	N-MeFOSAA	ND		-		ng/L	0.926	EPA 537.1	04/11/2023 11:35	ESJ
								Certifications: NELAC-NY12058	04/12/2023 04:32	
2991-50-6	N-EtFOSAA	ND		-		ng/L	0.926	EPA 537.1	04/11/2023 11:35	ESJ
								Certifications: NELAC-NY12058	04/12/2023 04:32	
	Surrogate Recoveries	Result		Acceptance Range						
	Surrogate: d5-N-EtFOSAA	112 %		70-130						
	Surrogate: MPFDA	91.2 %		70-130						
	Surrogate: MPFHxA	90.9 %		70-130						
	Surrogate: M3HFPO-DA	91.3 %		70-130						

Sample Information

Client Sample ID: Well 3-3 Field Blank

York Sample ID: 23D0102-18

<u>York Project (SDG) No.</u> 23D0102	<u>Client Project ID</u> PFAS/ 1,4 Dioxane 4/4	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> April 4, 2023 9:55 am	<u>Date Received</u> 04/04/2023
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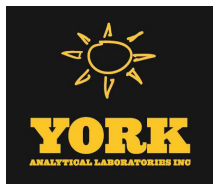
PFAS, EPA 533 Target List

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	04/13/2023 17:34	ESJ
								Certifications: NELAC-NY12058	04/19/2023 03:24	
919005-14-4	ADONA	ND	PF-LCS-L	-		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
								Certifications: NELAC-NY12058	04/14/2023 16:20	
756426-58-1	9CL-PF3ONS	ND		-		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
								Certifications: NELAC-NY12058	04/19/2023 03:24	
756426-58-1	9CL-PF3ONS	ND	PF-LCS-L	-		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
								Certifications: NELAC-NY12058	04/14/2023 16:20	
763051-92-9	11CL-PF3OUdS	ND		-		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
								Certifications: NELAC-NY12058	04/19/2023 03:24	
763051-92-9	11CL-PF3OUdS	ND	PF-LCS-L	-		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
								Certifications: NELAC-NY12058	04/14/2023 16:20	
13252-13-6	HFPO-DA (Gen-X)	ND		-		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
								Certifications: NELAC-NY12058	04/19/2023 03:24	
13252-13-6	HFPO-DA (Gen-X)	ND	PF-LCS-L	-		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
								Certifications: NELAC-NY12058	04/14/2023 16:20	



Sample Information

Client Sample ID: Well 3-3 Field Blank

York Sample ID: 23D0102-18

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23D0102

PFAS/ 1,4 Dioxane 4/4

Drinking Water

April 4, 2023 9:55 am

04/04/2023

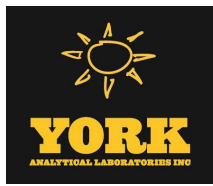
PFAS, EPA 533 Target List

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)	ND		-		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
								Certifications: NELAC-NY12058	04/19/2023 03:24	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND	PF-LCS-L	-		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
								Certifications: NELAC-NY12058	04/14/2023 16:20	
335-76-2	Perfluorodecanoic acid (PFDA)	ND		10		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
								Certifications: NELAC-NY12058	04/19/2023 03:24	
335-76-2	Perfluorodecanoic acid (PFDA)	ND		10		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
								Certifications: NELAC-NY12058	04/14/2023 16:20	
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		-		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
								Certifications: NELAC-NY12058	04/19/2023 03:24	
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		-		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
								Certifications: NELAC-NY12058	04/14/2023 16:20	
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		10		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
								Certifications: NELAC-NY12058	04/19/2023 03:24	
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND	PF-LCS-L	10		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
								Certifications: NELAC-NY12058	04/14/2023 16:20	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		10		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
								Certifications: NELAC-NY12058	04/19/2023 03:24	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND	PF-LCS-L	10		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
								Certifications: NELAC-NY12058	04/14/2023 16:20	
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		-		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
								Certifications: NELAC-NY12058	04/19/2023 03:24	
307-24-4	Perfluorohexanoic acid (PFHxA)	ND	PF-LCS-L	-		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
								Certifications: NELAC-NY12058	04/14/2023 16:20	
375-95-1	Perfluorononanoic acid (PFNA)	ND		10		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
								Certifications: NELAC-NY12058	04/19/2023 03:24	
375-95-1	Perfluorononanoic acid (PFNA)	ND		10		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
								Certifications: NELAC-NY12058	04/14/2023 16:20	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		10		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
								Certifications: NELAC-NY12058	04/19/2023 03:24	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND	PF-LCS-L	10		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
								Certifications: NELAC-NY12058	04/14/2023 16:20	
335-67-1	Perfluorooctanoic acid (PFOA)	ND		10		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
								Certifications: NELAC-NY12058	04/19/2023 03:24	
335-67-1	Perfluorooctanoic acid (PFOA)	ND	PF-LCS-L	10		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
								Certifications: NELAC-NY12058	04/14/2023 16:20	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		-		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
								Certifications: NELAC-NY12058	04/19/2023 03:24	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		-		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
								Certifications: NELAC-NY12058	04/14/2023 16:20	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		-		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
								Certifications: NELAC-NY12058	04/19/2023 03:24	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		-		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
								Certifications: NELAC-NY12058	04/14/2023 16:20	



Sample Information

Client Sample ID: Well 3-3 Field Blank

York Sample ID: 23D0102-18

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23D0102

PFAS/ 1,4 Dioxane 4/4

Drinking Water

April 4, 2023 9:55 am

04/04/2023

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	04/13/2023 17:34	ESJ
							Certifications: NELAC-NY12058		04/19/2023 03:24	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND	PF-LCS-L	-		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
							Certifications: NELAC-NY12058		04/14/2023 16:20	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		-		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
							Certifications: NELAC-NY12058		04/19/2023 03:24	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND	PF-LCS-L	-		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
							Certifications: NELAC-NY12058		04/14/2023 16:20	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		-		ng/L	1.85	EPA 533	04/13/2023 17:34	ESJ
							Certifications: NELAC-NY12058		04/19/2023 03:24	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		-		ng/L	1.85	EPA 533	04/13/2023 17:34	ESJ
							Certifications: NELAC-NY12058		04/14/2023 16:20	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		-		ng/L	1.85	EPA 533	04/13/2023 17:34	ESJ
							Certifications: NELAC-NY12058		04/19/2023 03:24	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		-		ng/L	1.85	EPA 533	04/13/2023 17:34	ESJ
							Certifications: NELAC-NY12058		04/14/2023 16:20	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		-		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
							Certifications: NELAC-NY12058		04/19/2023 03:24	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		-		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
							Certifications: NELAC-NY12058		04/14/2023 16:20	
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		-		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
							Certifications: NELAC-NY12058		04/19/2023 03:24	
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND	PF-LCS-L	-		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
							Certifications: NELAC-NY12058		04/14/2023 16:20	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		-		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
							Certifications: NELAC-NY12058		04/19/2023 03:24	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND	PF-LCS-L	-		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
							Certifications: NELAC-NY12058		04/14/2023 16:20	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		-		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
							Certifications: NELAC-NY12058		04/19/2023 03:24	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	-		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
							Certifications: NELAC-NY12058		04/14/2023 16:20	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		-		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
							Certifications: NELAC-NY12058		04/19/2023 03:24	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-LCS-L	-		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
							Certifications: NELAC-NY12058		04/14/2023 16:20	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		-		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
							Certifications: NELAC-NY12058		04/19/2023 03:24	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	PF-LCS-L	-		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
							Certifications: NELAC-NY12058		04/14/2023 16:20	

Surrogate Recoveries

Result

Acceptance Range

Surrogate: MPFDoA

86.9 %

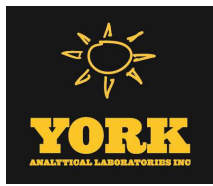
50-200

Surrogate: MPFDoA

29.8 %

PFSu-L

50-200



Sample Information

Client Sample ID: Well 3-3 Field Blank

York Sample ID: 23D0102-18

<u>York Project (SDG) No.</u> 23D0102	<u>Client Project ID</u> PFAS/ 1,4 Dioxane 4/4	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> April 4, 2023 9:55 am	<u>Date Received</u> 04/04/2023
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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: MPFBA	98.9 %		50-200					
	Surrogate: MPFBA	376 %	PFSu-H	50-200					
	Surrogate: M9PFNA	105 %		50-200					
	Surrogate: M9PFNA	42.7 %	PFSu-L	50-200					
	Surrogate: M8PFOS	106 %		50-200					
	Surrogate: M8PFOS	77.7 %		50-200					
	Surrogate: M8PFOA	101 %		50-200					
	Surrogate: M8PFOA	87.0 %		50-200					
	Surrogate: M7PFUdA	90.3 %		50-200					
	Surrogate: M7PFUdA	33.3 %	PFSu-L	50-200					
	Surrogate: M6PFDA	94.2 %		50-200					
	Surrogate: M6PFDA	37.8 %	PFSu-L	50-200					
	Surrogate: M5PFPeA	100 %		50-200					
	Surrogate: M5PFPeA	166 %		50-200					
	Surrogate: M5PFHxA	98.0 %		50-200					
	Surrogate: M5PFHxA	84.0 %		50-200					
	Surrogate: M4PFHpA	104 %		50-200					
	Surrogate: M4PFHpA	92.1 %		50-200					
	Surrogate: M3PFHxS	94.6 %		50-200					
	Surrogate: M3PFHxS	83.7 %		50-200					
	Surrogate: M3PFBS	98.1 %		50-200					
	Surrogate: M3PFBS	89.2 %		50-200					
	Surrogate: M3HFPO-DA	88.5 %		50-200					
	Surrogate: M3HFPO-DA	401 %	PFSu-H	50-200					
	Surrogate: M2-8:2 FTS	140 %		50-200					
	Surrogate: M2-8:2 FTS	45.9 %	PFSu-L	50-200					
	Surrogate: M2-6:2 FTS	126 %		50-200					
	Surrogate: M2-6:2 FTS	50.1 %		50-200					
	Surrogate: M2-4:2 FTS	118 %		50-200					
	Surrogate: M2-4:2 FTS	49.3 %	PFSu-L	50-200					

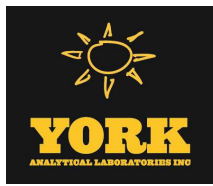
PFAS, EPA 537.1 UCMR5 List

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 (PFTrDA)	ND		-	ng/L	0.806	EPA 537.1	04/11/2023 11:35	ESJ
					Certifications:	NELAC-NY12058		04/12/2023 04:46	



Sample Information

Client Sample ID: Well 3-3 Field Blank

York Sample ID: 23D0102-18

<u>York Project (SDG) No.</u> 23D0102	<u>Client Project ID</u> PFAS/ 1,4 Dioxane 4/4	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> April 4, 2023 9:55 am	<u>Date Received</u> 04/04/2023
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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						
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		-		ng/L	0.806	EPA 537.1	04/11/2023 11:35	ESJ
								Certifications: NELAC-NY12058	04/12/2023 04:46	
2355-31-9	N-MeFOSAA	ND		-		ng/L	0.806	EPA 537.1	04/11/2023 11:35	ESJ
								Certifications: NELAC-NY12058	04/12/2023 04:46	
2991-50-6	N-EtFOSAA	ND		-		ng/L	0.806	EPA 537.1	04/11/2023 11:35	ESJ
								Certifications: NELAC-NY12058	04/12/2023 04:46	
	Surrogate Recoveries	Result		Acceptance Range						
	Surrogate: d5-N-EtFOSAA	115 %		70-130						
	Surrogate: MPFDA	97.4 %		70-130						
	Surrogate: MPFHxA	88.6 %		70-130						
	Surrogate: M3HFPO-DA	91.2 %		70-130						

Sample Information

Client Sample ID: Blended Entry 3 Field

York Sample ID: 23D0102-19

<u>York Project (SDG) No.</u> 23D0102	<u>Client Project ID</u> PFAS/ 1,4 Dioxane 4/4	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> April 4, 2023 9:25 am	<u>Date Received</u> 04/04/2023
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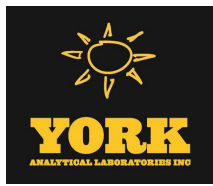
PFAS, EPA 533 Target List

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	PF-LCS-L	-		ng/L	0.833	EPA 533	04/13/2023 17:34	ESJ
								Certifications: NELAC-NY12058	04/14/2023 16:33	
919005-14-4	ADONA	ND		-		ng/L	0.833	EPA 533	04/13/2023 17:34	ESJ
								Certifications: NELAC-NY12058	04/19/2023 03:37	
756426-58-1	9CL-PF3ONS	ND	PF-LCS-L	-		ng/L	0.833	EPA 533	04/13/2023 17:34	ESJ
								Certifications: NELAC-NY12058	04/14/2023 16:33	
756426-58-1	9CL-PF3ONS	ND		-		ng/L	0.833	EPA 533	04/13/2023 17:34	ESJ
								Certifications: NELAC-NY12058	04/19/2023 03:37	
763051-92-9	11CL-PF3OUdS	ND	PF-LCS-L	-		ng/L	0.833	EPA 533	04/13/2023 17:34	ESJ
								Certifications: NELAC-NY12058	04/14/2023 16:33	
763051-92-9	11CL-PF3OUdS	ND		-		ng/L	0.833	EPA 533	04/13/2023 17:34	ESJ
								Certifications: NELAC-NY12058	04/19/2023 03:37	
13252-13-6	HFPO-DA (Gen-X)	ND	PF-LCS-L	-		ng/L	0.833	EPA 533	04/13/2023 17:34	ESJ
								Certifications: NELAC-NY12058	04/14/2023 16:33	
13252-13-6	HFPO-DA (Gen-X)	ND		-		ng/L	0.833	EPA 533	04/13/2023 17:34	ESJ
								Certifications: NELAC-NY12058	04/19/2023 03:37	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		-		ng/L	0.833	EPA 533	04/13/2023 17:34	ESJ
								Certifications: NELAC-NY12058	04/19/2023 03:37	



Sample Information

Client Sample ID: Blended Entry 3 Field

York Sample ID: 23D0102-19

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23D0102

PFAS/ 1,4 Dioxane 4/4

Drinking Water

April 4, 2023 9:25 am

04/04/2023

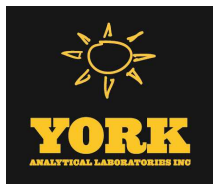
PFAS, EPA 533 Target List

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)	ND	PF-LCS-L	-		ng/L	0.833	EPA 533	04/13/2023 17:34	ESJ
								NELAC-NY12058	04/14/2023 16:33	
335-76-2	Perfluorodecanoic acid (PFDA)	ND		10		ng/L	0.833	EPA 533	04/13/2023 17:34	ESJ
								NELAC-NY12058	04/19/2023 03:37	
335-76-2	Perfluorodecanoic acid (PFDA)	ND		10		ng/L	0.833	EPA 533	04/13/2023 17:34	ESJ
								NELAC-NY12058	04/14/2023 16:33	
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		-		ng/L	0.833	EPA 533	04/13/2023 17:34	ESJ
								NELAC-NY12058	04/19/2023 03:37	
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		-		ng/L	0.833	EPA 533	04/13/2023 17:34	ESJ
								NELAC-NY12058	04/14/2023 16:33	
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND	PF-LCS-L	10		ng/L	0.833	EPA 533	04/13/2023 17:34	ESJ
								NELAC-NY12058	04/14/2023 16:33	
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		10		ng/L	0.833	EPA 533	04/13/2023 17:34	ESJ
								NELAC-NY12058	04/19/2023 03:37	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND	PF-LCS-L	10		ng/L	0.833	EPA 533	04/13/2023 17:34	ESJ
								NELAC-NY12058	04/14/2023 16:33	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		10		ng/L	0.833	EPA 533	04/13/2023 17:34	ESJ
								NELAC-NY12058	04/19/2023 03:37	
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		-		ng/L	0.833	EPA 533	04/13/2023 17:34	ESJ
								NELAC-NY12058	04/19/2023 03:37	
307-24-4	Perfluorohexanoic acid (PFHxA)	ND	PF-LCS-L	-		ng/L	0.833	EPA 533	04/13/2023 17:34	ESJ
								NELAC-NY12058	04/14/2023 16:33	
375-95-1	Perfluorononanoic acid (PFNA)	ND		10		ng/L	0.833	EPA 533	04/13/2023 17:34	ESJ
								NELAC-NY12058	04/19/2023 03:37	
375-95-1	Perfluorononanoic acid (PFNA)	ND		10		ng/L	0.833	EPA 533	04/13/2023 17:34	ESJ
								NELAC-NY12058	04/14/2023 16:33	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		10		ng/L	0.833	EPA 533	04/13/2023 17:34	ESJ
								NELAC-NY12058	04/19/2023 03:37	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND	PF-LCS-L	10		ng/L	0.833	EPA 533	04/13/2023 17:34	ESJ
								NELAC-NY12058	04/14/2023 16:33	
335-67-1	Perfluorooctanoic acid (PFOA)	ND		10		ng/L	0.833	EPA 533	04/13/2023 17:34	ESJ
								NELAC-NY12058	04/19/2023 03:37	
335-67-1	Perfluorooctanoic acid (PFOA)	ND	PF-LCS-L	10		ng/L	0.833	EPA 533	04/13/2023 17:34	ESJ
								NELAC-NY12058	04/14/2023 16:33	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		-		ng/L	0.833	EPA 533	04/13/2023 17:34	ESJ
								NELAC-NY12058	04/14/2023 16:33	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		-		ng/L	0.833	EPA 533	04/13/2023 17:34	ESJ
								NELAC-NY12058	04/19/2023 03:37	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		-		ng/L	0.833	EPA 533	04/13/2023 17:34	ESJ
								NELAC-NY12058	04/14/2023 16:33	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		-		ng/L	0.833	EPA 533	04/13/2023 17:34	ESJ
								NELAC-NY12058	04/19/2023 03:37	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		-		ng/L	0.833	EPA 533	04/13/2023 17:34	ESJ
								NELAC-NY12058	04/19/2023 03:37	



Sample Information

Client Sample ID: Blended Entry 3 Field

York Sample ID: 23D0102-19

York Project (SDG) No.

Client Project ID

Matrix

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23D0102

PFAS/ 1,4 Dioxane 4/4

Drinking Water

April 4, 2023 9:25 am

04/04/2023

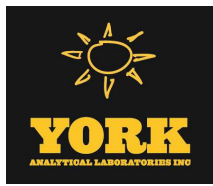
PFAS, EPA 533 Target List

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	PF-LCS-L	-		ng/L	0.833	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 16:33	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		-		ng/L	0.833	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/19/2023 03:37	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND	PF-LCS-L	-		ng/L	0.833	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 16:33	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		-		ng/L	1.67	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 16:33	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		-		ng/L	1.67	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/19/2023 03:37	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		-		ng/L	1.67	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 16:33	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		-		ng/L	1.67	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/19/2023 03:37	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		-		ng/L	0.833	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/19/2023 03:37	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		-		ng/L	0.833	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 16:33	
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND	PF-LCS-L	-		ng/L	0.833	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 16:33	
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		-		ng/L	0.833	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/19/2023 03:37	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND	PF-LCS-L	-		ng/L	0.833	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 16:33	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		-		ng/L	0.833	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/19/2023 03:37	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	-		ng/L	0.833	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 16:33	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		-		ng/L	0.833	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/19/2023 03:37	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-LCS-L	-		ng/L	0.833	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 16:33	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		-		ng/L	0.833	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/19/2023 03:37	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND		-		ng/L	0.833	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/19/2023 03:37	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND	PF-LCS-L	-		ng/L	0.833	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 16:33	
	Surrogate Recoveries	Result		Acceptance Range						
	Surrogate: MPFDoA	25.5 %	PFSu-L	50-200						
	Surrogate: MPFDoA	91.0 %		50-200						
	Surrogate: MPFBA	96.7 %		50-200						
	Surrogate: MPFBA	353 %	PFSu-H	50-200						



Sample Information

Client Sample ID: Blended Entry 3 Field

York Sample ID: 23D0102-19

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23D0102

PFAS/ 1,4 Dioxane 4/4

Drinking Water

April 4, 2023 9:25 am

04/04/2023

PFAS, EPA 533 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 533

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level		Reported to LOQ	Reference Method	Date/Time Prep/Anal	Analyst
				MCL	Units				
	Surrogate: M9PFNA	40.2 %	PFSu-L	50-200					
	Surrogate: M9PFNA	105 %		50-200					
	Surrogate: M8PFOS	86.8 %		50-200					
	Surrogate: M8PFOS	100 %		50-200					
	Surrogate: M8PFOA	99.9 %		50-200					
	Surrogate: M8PFOA	76.4 %		50-200					
	Surrogate: M7PFUdA	29.2 %	PFSu-L	50-200					
	Surrogate: M7PFUdA	96.7 %		50-200					
	Surrogate: M6PFDA	34.2 %	PFSu-L	50-200					
	Surrogate: M6PFDA	104 %		50-200					
	Surrogate: M5PFPeA	147 %		50-200					
	Surrogate: M5PFPeA	96.5 %		50-200					
	Surrogate: M5PFHxA	75.5 %		50-200					
	Surrogate: M5PFHxA	98.7 %		50-200					
	Surrogate: M4PFHpA	83.0 %		50-200					
	Surrogate: M4PFHpA	102 %		50-200					
	Surrogate: M3PFHxS	81.9 %		50-200					
	Surrogate: M3PFHxS	90.0 %		50-200					
	Surrogate: M3PFBS	84.9 %		50-200					
	Surrogate: M3PFBS	91.3 %		50-200					
	Surrogate: M3HFPO-DA	344 %	PFSu-H	50-200					
	Surrogate: M3HFPO-DA	89.0 %		50-200					
	Surrogate: M2-8:2 FTS	60.6 %		50-200					
	Surrogate: M2-8:2 FTS	122 %		50-200					
	Surrogate: M2-6:2 FTS	63.7 %		50-200					
	Surrogate: M2-6:2 FTS	124 %		50-200					
	Surrogate: M2-4:2 FTS	56.1 %		50-200					
	Surrogate: M2-4:2 FTS	146 %		50-200					

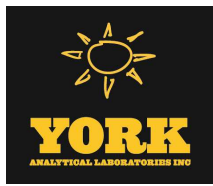
PFAS, EPA 537.1 UCMR5 List

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	0.806	EPA 537.1	04/11/2023 11:35	ESJ
						Certifications:	NELAC-NY12058	04/12/2023 05:00	
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		-	ng/L	0.806	EPA 537.1	04/11/2023 11:35	ESJ
						Certifications:	NELAC-NY12058	04/12/2023 05:00	



Sample Information

Client Sample ID: Blended Entry 3 Field

York Sample ID: 23D0102-19

<u>York Project (SDG) No.</u> 23D0102	<u>Client Project ID</u> PFAS/ 1,4 Dioxane 4/4	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> April 4, 2023 9:25 am	<u>Date Received</u> 04/04/2023
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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						
2355-31-9	N-MeFOSAA	ND		-		ng/L	0.806	EPA 537.1	04/11/2023 11:35	ESJ
								Certifications: NELAC-NY12058	04/12/2023 05:00	
2991-50-6	N-EtFOSAA	ND		-		ng/L	0.806	EPA 537.1	04/11/2023 11:35	ESJ
								Certifications: NELAC-NY12058	04/12/2023 05:00	
Surrogate Recoveries		Result	Acceptance Range							
	Surrogate: d5-N-EtFOSAA	115 %	70-130							
	Surrogate: MPFDA	98.5 %	70-130							
	Surrogate: MPFHxA	92.1 %	70-130							
	Surrogate: M3HFPO-DA	93.1 %	70-130							

Sample Information

Client Sample ID: Blended Entry 3 Field Field Blank

York Sample ID: 23D0102-20

<u>York Project (SDG) No.</u> 23D0102	<u>Client Project ID</u> PFAS/ 1,4 Dioxane 4/4	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> April 4, 2023 9:25 am	<u>Date Received</u> 04/04/2023
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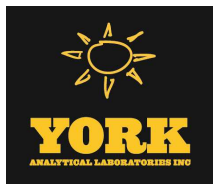
PFAS, EPA 533 Target List

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	PF-LCS-L	-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
								Certifications: NELAC-NY12058	04/14/2023 17:01	
919005-14-4	ADONA	ND		-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
								Certifications: NELAC-NY12058	04/19/2023 03:50	
756426-58-1	9CL-PF3ONS	ND	PF-LCS-L	-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
								Certifications: NELAC-NY12058	04/14/2023 17:01	
756426-58-1	9CL-PF3ONS	ND		-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
								Certifications: NELAC-NY12058	04/19/2023 03:50	
763051-92-9	11CL-PF3OUdS	ND		-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
								Certifications: NELAC-NY12058	04/19/2023 03:50	
763051-92-9	11CL-PF3OUdS	ND	PF-LCS-L	-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
								Certifications: NELAC-NY12058	04/14/2023 17:01	
13252-13-6	HFPO-DA (Gen-X)	ND	PF-LCS-L	-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
								Certifications: NELAC-NY12058	04/14/2023 17:01	
13252-13-6	HFPO-DA (Gen-X)	ND		-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
								Certifications: NELAC-NY12058	04/19/2023 03:50	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND	PF-LCS-L	-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
								Certifications: NELAC-NY12058	04/14/2023 17:01	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
								Certifications: NELAC-NY12058	04/19/2023 03:50	



Sample Information

Client Sample ID: Blended Entry 3 Field Field Blank

York Sample ID: 23D0102-20

<u>York Project (SDG) No.</u> 23D0102	<u>Client Project ID</u> PFAS/ 1,4 Dioxane 4/4	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> April 4, 2023 9:25 am	<u>Date Received</u> 04/04/2023
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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						
335-76-2	Perfluorodecanoic acid (PFDA)	ND		10		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 17:01	
335-76-2	Perfluorodecanoic acid (PFDA)	ND		10		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/19/2023 03:50	
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 17:01	
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/19/2023 03:50	
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND	PF-LCS-L	10		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 17:01	
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		10		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/19/2023 03:50	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND	PF-LCS-L	10		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 17:01	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		10		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/19/2023 03:50	
307-24-4	Perfluorohexanoic acid (PFHxA)	ND	PF-LCS-L	-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 17:01	
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/19/2023 03:50	
375-95-1	Perfluorononanoic acid (PFNA)	ND		10		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 17:01	
375-95-1	Perfluorononanoic acid (PFNA)	ND		10		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/19/2023 03:50	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND	PF-LCS-L	10		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 17:01	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		10		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/19/2023 03:50	
335-67-1	Perfluorooctanoic acid (PFOA)	ND	PF-LCS-L	10		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 17:01	
335-67-1	Perfluorooctanoic acid (PFOA)	ND		10		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/19/2023 03:50	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 17:01	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/19/2023 03:50	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/19/2023 03:50	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 17:01	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND	PF-LCS-L	-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 17:01	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/19/2023 03:50	



Sample Information

Client Sample ID: Blended Entry 3 Field Field Blank

York Sample ID: 23D0102-20

<u>York Project (SDG) No.</u> 23D0102	<u>Client Project ID</u> PFAS/ 1,4 Dioxane 4/4	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> April 4, 2023 9:25 am	<u>Date Received</u> 04/04/2023
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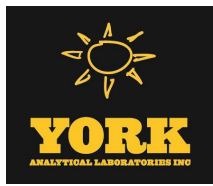
PFAS, EPA 533 Target List

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						
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND	PF-LCS-L	-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications: NELAC-NY12058		04/14/2023 17:01	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications: NELAC-NY12058		04/19/2023 03:50	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		-		ng/L	1.79	EPA 533	04/13/2023 17:34	ESJ
							Certifications: NELAC-NY12058		04/19/2023 03:50	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		-		ng/L	1.79	EPA 533	04/13/2023 17:34	ESJ
							Certifications: NELAC-NY12058		04/14/2023 17:01	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		-		ng/L	1.79	EPA 533	04/13/2023 17:34	ESJ
							Certifications: NELAC-NY12058		04/19/2023 03:50	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		-		ng/L	1.79	EPA 533	04/13/2023 17:34	ESJ
							Certifications: NELAC-NY12058		04/14/2023 17:01	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications: NELAC-NY12058		04/14/2023 17:01	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications: NELAC-NY12058		04/19/2023 03:50	
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND	PF-LCS-L	-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications: NELAC-NY12058		04/14/2023 17:01	
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications: NELAC-NY12058		04/19/2023 03:50	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND	PF-LCS-L	-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications: NELAC-NY12058		04/14/2023 17:01	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications: NELAC-NY12058		04/19/2023 03:50	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications: NELAC-NY12058		04/14/2023 17:01	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications: NELAC-NY12058		04/19/2023 03:50	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-LCS-L	-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications: NELAC-NY12058		04/14/2023 17:01	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications: NELAC-NY12058		04/19/2023 03:50	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	PF-LCS-L	-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications: NELAC-NY12058		04/14/2023 17:01	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications: NELAC-NY12058		04/19/2023 03:50	
Surrogate Recoveries		Result	Acceptance Range							
Surrogate: MPFDoA		32.1 %	PFSu-L	50-200						
Surrogate: MPFDoA		105 %		50-200						
Surrogate: MPFBA		366 %	PFSu-H	50-200						
Surrogate: MPFBA		102 %		50-200						
Surrogate: M9PFNA		41.3 %	PFSu-L	50-200						
Surrogate: M9PFNA		107 %		50-200						



Sample Information

Client Sample ID: Blended Entry 3 Field Field Blank

York Sample ID: 23D0102-20

<u>York Project (SDG) No.</u> 23D0102	<u>Client Project ID</u> PFAS/ 1,4 Dioxane 4/4	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> April 4, 2023 9:25 am	<u>Date Received</u> 04/04/2023
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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: M8PFOS	86.3 %		50-200						
	Surrogate: M8PFOS	101 %		50-200						
	Surrogate: M8PFOA	82.1 %		50-200						
	Surrogate: M8PFOA	110 %		50-200						
	Surrogate: M7PFUdA	33.3 %	PFSu-L	50-200						
	Surrogate: M7PFUdA	101 %		50-200						
	Surrogate: M6PFDA	32.9 %	PFSu-L	50-200						
	Surrogate: M6PFDA	106 %		50-200						
	Surrogate: M5PFPeA	159 %		50-200						
	Surrogate: M5PFPeA	103 %		50-200						
	Surrogate: M5PFHxA	81.5 %		50-200						
	Surrogate: M5PFHxA	104 %		50-200						
	Surrogate: M4PFHpA	109 %		50-200						
	Surrogate: M4PFHpA	88.7 %		50-200						
	Surrogate: M3PFHxS	100 %		50-200						
	Surrogate: M3PFHxS	81.0 %		50-200						
	Surrogate: M3PFBS	85.0 %		50-200						
	Surrogate: M3PFBS	93.7 %		50-200						
	Surrogate: M3HFPO-DA	103 %		50-200						
	Surrogate: M3HFPO-DA	406 %	PFSu-H	50-200						
	Surrogate: M2-8:2 FTS	37.1 %	PFSu-L	50-200						
	Surrogate: M2-8:2 FTS	119 %		50-200						
	Surrogate: M2-6:2 FTS	115 %		50-200						
	Surrogate: M2-6:2 FTS	43.6 %	PFSu-L	50-200						
	Surrogate: M2-4:2 FTS	112 %		50-200						
	Surrogate: M2-4:2 FTS	46.7 %	PFSu-L	50-200						

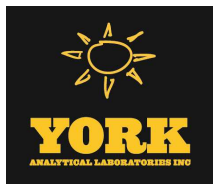
PFAS, EPA 537.1 UCMR5 List

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	0.806	EPA 537.1	04/11/2023 11:35	ESJ
								NELAC-NY12058	04/12/2023 05:13	
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		-		ng/L	0.806	EPA 537.1	04/11/2023 11:35	ESJ
								NELAC-NY12058	04/12/2023 05:13	
2355-31-9	N-MeFOSAA	ND		-		ng/L	0.806	EPA 537.1	04/11/2023 11:35	ESJ
								NELAC-NY12058	04/12/2023 05:13	
2991-50-6	N-EtFOSAA	ND		-		ng/L	0.806	EPA 537.1	04/11/2023 11:35	ESJ
								NELAC-NY12058	04/12/2023 05:13	



Sample Information

Client Sample ID: Blended Entry 3 Field Field Blank **York Sample ID:** 23D0102-20
York Project (SDG) No.: 23D0102 **Client Project ID:** PFAS/ 1,4 Dioxane 4/4 **Matrix:** Drinking Water **Collection Date/Time:** April 4, 2023 9:25 am **Date Received:** 04/04/2023

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					
Surrogate Recoveries		Result		Acceptance Range						
	Surrogate: d5-N-EtFOSAA	120 %		70-130						
	Surrogate: MPFDA	94.7 %		70-130						
	Surrogate: MPFHxA	93.5 %		70-130						
	Surrogate: M3HFPO-DA	92.6 %		70-130						

Sample Information

Client Sample ID: Well 4-1 **York Sample ID:** 23D0102-21
York Project (SDG) No.: 23D0102 **Client Project ID:** PFAS/ 1,4 Dioxane 4/4 **Matrix:** Drinking Water **Collection Date/Time:** April 4, 2023 10:15 am **Date Received:** 04/04/2023

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	Acceptance Range					
123-91-1	1,4-Dioxane	ND		1		ug/L	0.200	EPA 522	04/06/2023 08:32	KH
						Certifications:	NELAC-NY10854		04/07/2023 16:52	
Surrogate Recoveries		Result		Acceptance Range						
17647-74-4	Surrogate: 1,4-Dioxane-d8	92.0 %		70-130						

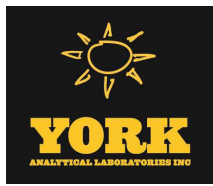
PFAS, EPA 533 Target List

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	Acceptance Range					
919005-14-4	ADONA	ND	PF-LCS-L	-		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
						Certifications:	NELAC-NY12058		04/14/2023 17:15	
919005-14-4	ADONA	ND		-		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
						Certifications:	NELAC-NY12058		04/19/2023 04:03	
756426-58-1	9CL-PF3ONS	ND	PF-LCS-L	-		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
						Certifications:	NELAC-NY12058		04/14/2023 17:15	
756426-58-1	9CL-PF3ONS	ND		-		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
						Certifications:	NELAC-NY12058		04/19/2023 04:03	
763051-92-9	11CL-PF3OUdS	ND		-		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
						Certifications:	NELAC-NY12058		04/19/2023 04:03	
763051-92-9	11CL-PF3OUdS	ND	PF-LCS-L	-		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
						Certifications:	NELAC-NY12058		04/14/2023 17:15	



Sample Information

Client Sample ID: Well 4-1

York Sample ID: 23D0102-21

<u>York Project (SDG) No.</u> 23D0102	<u>Client Project ID</u> PFAS/ 1,4 Dioxane 4/4	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> April 4, 2023 10:15 am	<u>Date Received</u> 04/04/2023
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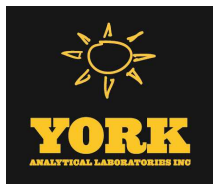
PFAS, EPA 533 Target List

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						
13252-13-6	HFPO-DA (Gen-X)	ND	PF-LCS-L	-		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
								NELAC-NY12058	04/14/2023 17:15	
13252-13-6	HFPO-DA (Gen-X)	ND		-		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
								NELAC-NY12058	04/19/2023 04:03	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND	PF-LCS-L	-		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
								NELAC-NY12058	04/14/2023 17:15	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		-		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
								NELAC-NY12058	04/19/2023 04:03	
335-76-2	Perfluorodecanoic acid (PFDA)	ND		10		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
								NELAC-NY12058	04/19/2023 04:03	
335-76-2	Perfluorodecanoic acid (PFDA)	ND		10		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
								NELAC-NY12058	04/14/2023 17:15	
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		-		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
								NELAC-NY12058	04/19/2023 04:03	
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		-		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
								NELAC-NY12058	04/14/2023 17:15	
375-85-9	Perfluoroheptanoic acid (PFHpA)	2.53		10		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
								NELAC-NY12058	04/19/2023 04:03	
375-85-9	Perfluoroheptanoic acid (PFHpA)	2.65	PF-LCS-L	10		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
								NELAC-NY12058	04/14/2023 17:15	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND	PF-LCS-L	10		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
								NELAC-NY12058	04/14/2023 17:15	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		10		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
								NELAC-NY12058	04/19/2023 04:03	
307-24-4	Perfluorohexanoic acid (PFHxA)	3.12		-		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
								NELAC-NY12058	04/19/2023 04:03	
307-24-4	Perfluorohexanoic acid (PFHxA)	3.24	PF-LCS-L	-		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
								NELAC-NY12058	04/14/2023 17:15	
375-95-1	Perfluorononanoic acid (PFNA)	ND		10		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
								NELAC-NY12058	04/19/2023 04:03	
375-95-1	Perfluorononanoic acid (PFNA)	ND		10		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
								NELAC-NY12058	04/14/2023 17:15	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND	PF-LCS-L	10		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
								NELAC-NY12058	04/14/2023 17:15	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		10		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
								NELAC-NY12058	04/19/2023 04:03	
335-67-1	Perfluorooctanoic acid (PFOA)	ND	PF-LCS-L	10		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
								NELAC-NY12058	04/14/2023 17:15	
335-67-1	Perfluorooctanoic acid (PFOA)	ND		10		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
								NELAC-NY12058	04/19/2023 04:03	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		-		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
								NELAC-NY12058	04/19/2023 04:03	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		-		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
								NELAC-NY12058	04/14/2023 17:15	



Sample Information

Client Sample ID: Well 4-1

York Sample ID: 23D0102-21

<u>York Project (SDG) No.</u> 23D0102	<u>Client Project ID</u> PFAS/ 1,4 Dioxane 4/4	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> April 4, 2023 10:15 am	<u>Date Received</u> 04/04/2023
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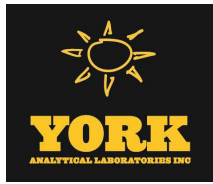
PFAS, EPA 533 Target List

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						
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		-		ng/L	0.926	EPA 533 Certifications: NELAC-NY12058	04/13/2023 17:34 04/14/2023 17:15	ESJ
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		-		ng/L	0.926	EPA 533 Certifications: NELAC-NY12058	04/13/2023 17:34 04/19/2023 04:03	ESJ
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND	PF-LCS-L	-		ng/L	0.926	EPA 533 Certifications: NELAC-NY12058	04/13/2023 17:34 04/14/2023 17:15	ESJ
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		-		ng/L	0.926	EPA 533 Certifications: NELAC-NY12058	04/13/2023 17:34 04/19/2023 04:03	ESJ
375-22-4	Perfluoro-n-butanoic acid (PFBA)	1.61		-		ng/L	0.926	EPA 533 Certifications: NELAC-NY12058	04/13/2023 17:34 04/19/2023 04:03	ESJ
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND	PF-LCS-L	-		ng/L	0.926	EPA 533 Certifications: NELAC-NY12058	04/13/2023 17:34 04/14/2023 17:15	ESJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		-		ng/L	1.85	EPA 533 Certifications: NELAC-NY12058	04/13/2023 17:34 04/14/2023 17:15	ESJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		-		ng/L	1.85	EPA 533 Certifications: NELAC-NY12058	04/13/2023 17:34 04/19/2023 04:03	ESJ
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		-		ng/L	1.85	EPA 533 Certifications: NELAC-NY12058	04/13/2023 17:34 04/14/2023 17:15	ESJ
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		-		ng/L	1.85	EPA 533 Certifications: NELAC-NY12058	04/13/2023 17:34 04/19/2023 04:03	ESJ
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		-		ng/L	0.926	EPA 533 Certifications: NELAC-NY12058	04/13/2023 17:34 04/14/2023 17:15	ESJ
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		-		ng/L	0.926	EPA 533 Certifications: NELAC-NY12058	04/13/2023 17:34 04/19/2023 04:03	ESJ
2706-90-3	Perfluoropentanoic acid (PFPeA)	2.66	PF-LCS-L	-		ng/L	0.926	EPA 533 Certifications: NELAC-NY12058	04/13/2023 17:34 04/14/2023 17:15	ESJ
2706-90-3	Perfluoropentanoic acid (PFPeA)	4.96		-		ng/L	0.926	EPA 533 Certifications: NELAC-NY12058	04/13/2023 17:34 04/19/2023 04:03	ESJ
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND	PF-LCS-L	-		ng/L	0.926	EPA 533 Certifications: NELAC-NY12058	04/13/2023 17:34 04/14/2023 17:15	ESJ
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		-		ng/L	0.926	EPA 533 Certifications: NELAC-NY12058	04/13/2023 17:34 04/19/2023 04:03	ESJ
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	-		ng/L	0.926	EPA 533 Certifications: NELAC-NY12058	04/13/2023 17:34 04/14/2023 17:15	ESJ
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		-		ng/L	0.926	EPA 533 Certifications: NELAC-NY12058	04/13/2023 17:34 04/19/2023 04:03	ESJ
151772-58-6	Perfluoro-3,6-dioxahexanoic acid (NFDHA)	ND	PF-LCS-L	-		ng/L	0.926	EPA 533 Certifications: NELAC-NY12058	04/13/2023 17:34 04/14/2023 17:15	ESJ
151772-58-6	Perfluoro-3,6-dioxahexanoic acid (NFDHA)	ND		-		ng/L	0.926	EPA 533 Certifications: NELAC-NY12058	04/13/2023 17:34 04/19/2023 04:03	ESJ
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND	PF-LCS-L	-		ng/L	0.926	EPA 533 Certifications: NELAC-NY12058	04/13/2023 17:34 04/14/2023 17:15	ESJ
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND		-		ng/L	0.926	EPA 533 Certifications: NELAC-NY12058	04/13/2023 17:34 04/19/2023 04:03	ESJ



Sample Information

Client Sample ID: Well 4-1

York Sample ID: 23D0102-21

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23D0102

PFAS/ 1,4 Dioxane 4/4

Drinking Water

April 4, 2023 10:15 am

04/04/2023

PFAS, EPA 533 Target List

Log-in Notes:

Sample Notes:

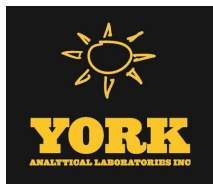
Sample Prepared by Method: EPA 533

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level		Reported to LOQ	Reference Method	Date/Time Prep/Anal	Analyst
				MCL	Units				
	Surrogate Recoveries	Result		Acceptance Range					
	Surrogate: MPFDoA	27.2 %	PFSu-L	50-200					
	Surrogate: MPFDoA	67.5 %		50-200					
	Surrogate: MPFBA	333 %	PFSu-H	50-200					
	Surrogate: MPFBA	92.3 %		50-200					
	Surrogate: M9PFNA	40.9 %	PFSu-L	50-200					
	Surrogate: M9PFNA	96.5 %		50-200					
	Surrogate: M8PFOS	78.9 %		50-200					
	Surrogate: M8PFOS	87.9 %		50-200					
	Surrogate: M8PFOA	74.5 %		50-200					
	Surrogate: M8PFOA	90.5 %		50-200					
	Surrogate: M7PFUdA	30.8 %	PFSu-L	50-200					
	Surrogate: M7PFUdA	78.8 %		50-200					
	Surrogate: M6PFDA	36.3 %	PFSu-L	50-200					
	Surrogate: M6PFDA	87.6 %		50-200					
	Surrogate: M5PFPeA	142 %		50-200					
	Surrogate: M5PFPeA	91.1 %		50-200					
	Surrogate: M5PFHxA	74.0 %		50-200					
	Surrogate: M5PFHxA	86.4 %		50-200					
	Surrogate: M4PFHpA	77.7 %		50-200					
	Surrogate: M4PFHpA	94.0 %		50-200					
	Surrogate: M3PFHxS	72.1 %		50-200					
	Surrogate: M3PFHxS	85.7 %		50-200					
	Surrogate: M3PFBS	76.7 %		50-200					
	Surrogate: M3PFBS	86.9 %		50-200					
	Surrogate: M3HFPO-DA	307 %	PFSu-H	50-200					
	Surrogate: M3HFPO-DA	88.4 %		50-200					
	Surrogate: M2-8:2 FTS	48.4 %	PFSu-L	50-200					
	Surrogate: M2-8:2 FTS	106 %		50-200					
	Surrogate: M2-6:2 FTS	51.3 %		50-200					
	Surrogate: M2-6:2 FTS	121 %		50-200					
	Surrogate: M2-4:2 FTS	51.9 %		50-200					
	Surrogate: M2-4:2 FTS	147 %		50-200					

PFAS, EPA 537.1 UCMR5 List

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: Well 4-1

York Sample ID: 23D0102-21

<u>York Project (SDG) No.</u> 23D0102	<u>Client Project ID</u> PFAS/ 1,4 Dioxane 4/4	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> April 4, 2023 10:15 am	<u>Date Received</u> 04/04/2023
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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	04/11/2023 11:35	ESJ
							Certifications:	NELAC-NY12058	04/12/2023 05:27	
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		-		ng/L	0.862	EPA 537.1	04/11/2023 11:35	ESJ
							Certifications:	NELAC-NY12058	04/12/2023 05:27	
2355-31-9	N-MeFOSAA	ND		-		ng/L	0.862	EPA 537.1	04/11/2023 11:35	ESJ
							Certifications:	NELAC-NY12058	04/12/2023 05:27	
2991-50-6	N-EtFOSAA	ND		-		ng/L	0.862	EPA 537.1	04/11/2023 11:35	ESJ
							Certifications:	NELAC-NY12058	04/12/2023 05:27	
Surrogate Recoveries		Result	Acceptance Range							
	Surrogate: d5-N-EtFOSAA	106 %	70-130							
	Surrogate: MPFDA	93.8 %	70-130							
	Surrogate: MPFHxA	90.2 %	70-130							
	Surrogate: M3HFPO-DA	92.0 %	70-130							

Sample Information

Client Sample ID: Well 4-1 Field Blank

York Sample ID: 23D0102-22

<u>York Project (SDG) No.</u> 23D0102	<u>Client Project ID</u> PFAS/ 1,4 Dioxane 4/4	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> April 4, 2023 10:15 am	<u>Date Received</u> 04/04/2023
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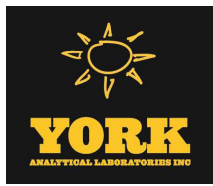
PFAS, EPA 533 Target List

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	PF-LCS-L	-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 17:41	
919005-14-4	ADONA	ND		-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/19/2023 04:16	
756426-58-1	9CL-PF3ONS	ND	PF-LCS-L	-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 17:41	
756426-58-1	9CL-PF3ONS	ND		-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/19/2023 04:16	
763051-92-9	11CL-PF3OUdS	ND	PF-LCS-L	-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 17:41	
763051-92-9	11CL-PF3OUdS	ND		-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/19/2023 04:16	
13252-13-6	HFPO-DA (Gen-X)	ND	PF-LCS-L	-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 17:41	
13252-13-6	HFPO-DA (Gen-X)	ND		-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/19/2023 04:16	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND	PF-LCS-L	-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 17:41	



Sample Information

Client Sample ID: Well 4-1 Field Blank

York Sample ID: 23D0102-22

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23D0102

PFAS/ 1,4 Dioxane 4/4

Drinking Water

April 4, 2023 10:15 am

04/04/2023

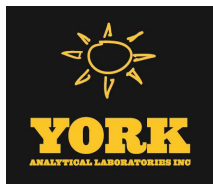
PFAS, EPA 533 Target List

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)	ND		-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/19/2023 04:16	
335-76-2	Perfluorodecanoic acid (PFDA)	ND		10		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 17:41	
335-76-2	Perfluorodecanoic acid (PFDA)	ND		10		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/19/2023 04:16	
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 17:41	
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/19/2023 04:16	
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND	PF-LCS-L	10		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 17:41	
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		10		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/19/2023 04:16	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND	PF-LCS-L	10		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 17:41	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		10		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/19/2023 04:16	
307-24-4	Perfluorohexanoic acid (PFHxA)	ND	PF-LCS-L	-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 17:41	
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/19/2023 04:16	
375-95-1	Perfluorononanoic acid (PFNA)	ND		10		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 17:41	
375-95-1	Perfluorononanoic acid (PFNA)	ND		10		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/19/2023 04:16	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND	PF-LCS-L	10		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 17:41	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		10		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/19/2023 04:16	
335-67-1	Perfluorooctanoic acid (PFOA)	ND	PF-LCS-L	10		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 17:41	
335-67-1	Perfluorooctanoic acid (PFOA)	ND		10		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/19/2023 04:16	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 17:41	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/19/2023 04:16	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 17:41	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/19/2023 04:16	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND	PF-LCS-L	-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 17:41	



Sample Information

Client Sample ID: Well 4-1 Field Blank

York Sample ID: 23D0102-22

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23D0102

PFAS/ 1,4 Dioxane 4/4

Drinking Water

April 4, 2023 10:15 am

04/04/2023

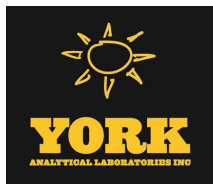
PFAS, EPA 533 Target List

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	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/19/2023 04:16	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND	PF-LCS-L	-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 17:41	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/19/2023 04:16	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		-		ng/L	1.79	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 17:41	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		-		ng/L	1.79	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/19/2023 04:16	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		-		ng/L	1.79	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 17:41	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		-		ng/L	1.79	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/19/2023 04:16	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 17:41	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/19/2023 04:16	
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND	PF-LCS-L	-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 17:41	
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/19/2023 04:16	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND	PF-LCS-L	-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 17:41	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/19/2023 04:16	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 17:41	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/19/2023 04:16	
151772-58-6	Perfluoro-3,6-dioxahexanoic acid (NFDHA)	ND	PF-LCS-L	-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 17:41	
151772-58-6	Perfluoro-3,6-dioxahexanoic acid (NFDHA)	ND		-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/19/2023 04:16	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEA)	ND	PF-LCS-L	-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 17:41	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEA)	ND		-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/19/2023 04:16	
	Surrogate Recoveries	Result		Acceptance Range						
	Surrogate: MPFDoA	35.8 %	PFSu-L	50-200						
	Surrogate: MPFDoA	197 %		50-200						
	Surrogate: MPFBA	396 %	PFSu-H	50-200						
	Surrogate: MPFBA	195 %		50-200						



Sample Information

Client Sample ID: Well 4-1 Field Blank

York Sample ID: 23D0102-22

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23D0102

PFAS/ 1,4 Dioxane 4/4

Drinking Water

April 4, 2023 10:15 am

04/04/2023

PFAS, EPA 533 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 533

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level		Reported to LOQ	Reference Method	Date/Time Prep/Anal	Analyst
				MCL	Units				
	Surrogate: M9PFNA	46.7 %	PFSu-L	50-200					
	Surrogate: M9PFNA	220 %		50-200					
	Surrogate: M8PFOS	93.2 %		50-200					
	Surrogate: M8PFOS	196 %		50-200					
	Surrogate: M8PFOA	96.1 %		50-200					
	Surrogate: M8PFOA	206 %		50-200					
	Surrogate: M7PFUdA	37.2 %	PFSu-L	50-200					
	Surrogate: M7PFUdA	200 %		50-200					
	Surrogate: M6PFDA	37.3 %	PFSu-L	50-200					
	Surrogate: M6PFDA	213 %		50-200					
	Surrogate: M5PFPeA	170 %		50-200					
	Surrogate: M5PFPeA	200 %		50-200					
	Surrogate: M5PFHxA	90.6 %		50-200					
	Surrogate: M5PFHxA	201 %		50-200					
	Surrogate: M4PFHpA	97.0 %		50-200					
	Surrogate: M4PFHpA	213 %		50-200					
	Surrogate: M3PFHxS	92.3 %		50-200					
	Surrogate: M3PFHxS	189 %		50-200					
	Surrogate: M3PFBS	90.5 %		50-200					
	Surrogate: M3PFBS	186 %		50-200					
	Surrogate: M3HFPO-DA	410 %	PFSu-H	50-200					
	Surrogate: M3HFPO-DA	213 %		50-200					
	Surrogate: M2-8:2 FTS	48.9 %	PFSu-L	50-200					
	Surrogate: M2-8:2 FTS	255 %		50-200					
	Surrogate: M2-6:2 FTS	60.3 %		50-200					
	Surrogate: M2-6:2 FTS	236 %		50-200					
	Surrogate: M2-4:2 FTS	52.2 %		50-200					
	Surrogate: M2-4:2 FTS	194 %		50-200					

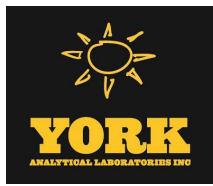
PFAS, EPA 537.1 UCMR5 List

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	0.806	EPA 537.1	04/11/2023 11:35	ESJ
						Certifications: NELAC-NY12058		04/12/2023 05:54	
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		-	ng/L	0.806	EPA 537.1	04/11/2023 11:35	ESJ
						Certifications: NELAC-NY12058		04/12/2023 05:54	



Sample Information

Client Sample ID: Well 4-1 Field Blank

York Sample ID: 23D0102-22

<u>York Project (SDG) No.</u> 23D0102	<u>Client Project ID</u> PFAS/ 1,4 Dioxane 4/4	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> April 4, 2023 10:15 am	<u>Date Received</u> 04/04/2023
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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						
2355-31-9	N-MeFOSAA	ND		-		ng/L	0.806	EPA 537.1	04/11/2023 11:35	ESJ
							Certifications: NELAC-NY12058		04/12/2023 05:54	
2991-50-6	N-EtFOSAA	ND		-		ng/L	0.806	EPA 537.1	04/11/2023 11:35	ESJ
							Certifications: NELAC-NY12058		04/12/2023 05:54	
Surrogate Recoveries		Result	Acceptance Range							
	Surrogate: d5-N-EtFOSAA	113 %	70-130							
	Surrogate: MPFDA	95.3 %	70-130							
	Surrogate: MPFHxA	84.3 %	70-130							
	Surrogate: M3HFPO-DA	83.8 %	70-130							

Sample Information

Client Sample ID: Well 4-2

York Sample ID: 23D0102-23

<u>York Project (SDG) No.</u> 23D0102	<u>Client Project ID</u> PFAS/ 1,4 Dioxane 4/4	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> April 4, 2023 10:30 am	<u>Date Received</u> 04/04/2023
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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	04/06/2023 08:32	KH
							Certifications: NELAC-NY10854		04/07/2023 17:10	
Surrogate Recoveries		Result	Acceptance Range							
17647-74-4	Surrogate: 1,4-Dioxane-d8	88.0 %	70-130							

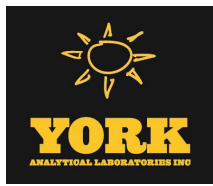
PFAS, EPA 533 Target List

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	PF-LCS-L	-		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
							Certifications: NELAC-NY12058		04/14/2023 18:06	
919005-14-4	ADONA	ND		-		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
							Certifications: NELAC-NY12058		04/19/2023 04:29	
756426-58-1	9CL-PF3ONS	ND	PF-LCS-L	-		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
							Certifications: NELAC-NY12058		04/14/2023 18:06	
756426-58-1	9CL-PF3ONS	ND		-		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
							Certifications: NELAC-NY12058		04/19/2023 04:29	



Sample Information

Client Sample ID: Well 4-2

York Sample ID: 23D0102-23

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23D0102

PFAS/ 1,4 Dioxane 4/4

Drinking Water

April 4, 2023 10:30 am

04/04/2023

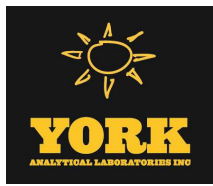
PFAS, EPA 533 Target List

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						
763051-92-9	11CL-PF3OUdS	ND	PF-LCS-L	-		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
								NELAC-NY12058	04/14/2023 18:06	
763051-92-9	11CL-PF3OUdS	ND		-		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
								NELAC-NY12058	04/19/2023 04:29	
13252-13-6	HFPO-DA (Gen-X)	ND		-		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
								NELAC-NY12058	04/19/2023 04:29	
13252-13-6	HFPO-DA (Gen-X)	ND	PF-LCS-L	-		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
								NELAC-NY12058	04/14/2023 18:06	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND	PF-LCS-L	-		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
								NELAC-NY12058	04/14/2023 18:06	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		-		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
								NELAC-NY12058	04/19/2023 04:29	
335-76-2	Perfluorodecanoic acid (PFDA)	ND		10		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
								NELAC-NY12058	04/14/2023 18:06	
335-76-2	Perfluorodecanoic acid (PFDA)	ND		10		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
								NELAC-NY12058	04/19/2023 04:29	
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		-		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
								NELAC-NY12058	04/14/2023 18:06	
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		-		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
								NELAC-NY12058	04/19/2023 04:29	
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND	PF-LCS-L	10		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
								NELAC-NY12058	04/14/2023 18:06	
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		10		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
								NELAC-NY12058	04/19/2023 04:29	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND	PF-LCS-L	10		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
								NELAC-NY12058	04/14/2023 18:06	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		10		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
								NELAC-NY12058	04/19/2023 04:29	
307-24-4	Perfluorohexanoic acid (PFHxA)	ND	PF-LCS-L	-		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
								NELAC-NY12058	04/14/2023 18:06	
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		-		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
								NELAC-NY12058	04/19/2023 04:29	
375-95-1	Perfluorononanoic acid (PFNA)	ND		10		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
								NELAC-NY12058	04/14/2023 18:06	
375-95-1	Perfluorononanoic acid (PFNA)	ND		10		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
								NELAC-NY12058	04/19/2023 04:29	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND	PF-LCS-L	10		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
								NELAC-NY12058	04/14/2023 18:06	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		10		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
								NELAC-NY12058	04/19/2023 04:29	
335-67-1	Perfluorooctanoic acid (PFOA)	ND	PF-LCS-L	10		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
								NELAC-NY12058	04/14/2023 18:06	
335-67-1	Perfluorooctanoic acid (PFOA)	ND		10		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
								NELAC-NY12058	04/19/2023 04:29	



Sample Information

Client Sample ID: Well 4-2

York Sample ID: 23D0102-23

<u>York Project (SDG) No.</u> 23D0102	<u>Client Project ID</u> PFAS/ 1,4 Dioxane 4/4	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> April 4, 2023 10:30 am	<u>Date Received</u> 04/04/2023
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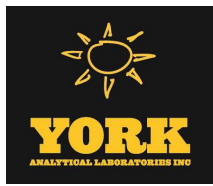
PFAS, EPA 533 Target List

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						
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		-		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 18:06	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		-		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/19/2023 04:29	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		-		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 18:06	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		-		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/19/2023 04:29	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND	PF-LCS-L	-		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 18:06	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		-		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/19/2023 04:29	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND	PF-LCS-L	-		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 18:06	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		-		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/19/2023 04:29	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		-		ng/L	1.85	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 18:06	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		-		ng/L	1.85	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/19/2023 04:29	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		-		ng/L	1.85	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 18:06	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		-		ng/L	1.85	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/19/2023 04:29	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		-		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 18:06	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		-		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/19/2023 04:29	
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND	PF-LCS-L	-		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 18:06	
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		-		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/19/2023 04:29	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND	PF-LCS-L	-		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 18:06	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		-		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/19/2023 04:29	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	-		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 18:06	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		-		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/19/2023 04:29	
151772-58-6	Perfluoro-3,6-dioxahexanoic acid (NFDHA)	ND	PF-LCS-L	-		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 18:06	
151772-58-6	Perfluoro-3,6-dioxahexanoic acid (NFDHA)	ND		-		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/19/2023 04:29	



Sample Information

Client Sample ID: Well 4-2

York Sample ID: 23D0102-23

<u>York Project (SDG) No.</u> 23D0102	<u>Client Project ID</u> PFAS/ 1,4 Dioxane 4/4	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> April 4, 2023 10:30 am	<u>Date Received</u> 04/04/2023
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PFAS, EPA 533 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 533

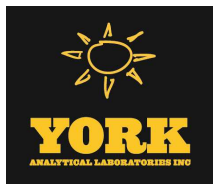
CAS No.	Parameter	Result	Flag	Maximum Contaminant Level		Units	Reported to LOQ	Reference Method	Date/Time Prep/Anal	Analyst
				MCL						
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	PF-LCS-L	-		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
							Certifications: NELAC-NY12058		04/14/2023 18:06	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		-		ng/L	0.926	EPA 533	04/13/2023 17:34	ESJ
							Certifications: NELAC-NY12058		04/19/2023 04:29	

Surrogate Recoveries

Result

Acceptance Range

Surrogate: MPFDoA	22.8 %	PFSu-L	50-200
Surrogate: MPFDoA	92.2 %		50-200
Surrogate: MPFBA	402 %	PFSu-H	50-200
Surrogate: MPFBA	103 %		50-200
Surrogate: M9PFNA	46.0 %	PFSu-L	50-200
Surrogate: M9PFNA	110 %		50-200
Surrogate: M8PFOS	88.6 %		50-200
Surrogate: M8PFOS	103 %		50-200
Surrogate: M8PFOA	88.1 %		50-200
Surrogate: M8PFOA	103 %		50-200
Surrogate: M7PFUdA	29.6 %	PFSu-L	50-200
Surrogate: M7PFUdA	101 %		50-200
Surrogate: M6PFDA	39.0 %	PFSu-L	50-200
Surrogate: M6PFDA	104 %		50-200
Surrogate: M5PFPeA	168 %		50-200
Surrogate: M5PFPeA	103 %		50-200
Surrogate: M5PFHxA	84.8 %		50-200
Surrogate: M5PFHxA	101 %		50-200
Surrogate: M4PFHpA	90.5 %		50-200
Surrogate: M4PFHpA	103 %		50-200
Surrogate: M3PFHxS	85.8 %		50-200
Surrogate: M3PFHxS	98.5 %		50-200
Surrogate: M3PFBS	89.8 %		50-200
Surrogate: M3PFBS	92.6 %		50-200
Surrogate: M3HFPO-DA	385 %	PFSu-H	50-200
Surrogate: M3HFPO-DA	90.9 %		50-200
Surrogate: M2-8:2 FTS	35.7 %	PFSu-L	50-200
Surrogate: M2-8:2 FTS	123 %		50-200
Surrogate: M2-6:2 FTS	127 %		50-200
Surrogate: M2-6:2 FTS	49.8 %	PFSu-L	50-200
Surrogate: M2-4:2 FTS	56.8 %		50-200
Surrogate: M2-4:2 FTS	144 %		50-200



Sample Information

Client Sample ID: Well 4-2

York Sample ID: 23D0102-23

<u>York Project (SDG) No.</u> 23D0102	<u>Client Project ID</u> PFAS/ 1,4 Dioxane 4/4	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> April 4, 2023 10:30 am	<u>Date Received</u> 04/04/2023
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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 (PFTrDA)	ND		-		ng/L	0.926	EPA 537.1	04/12/2023 19:25	ESJ
								Certifications: NELAC-NY12058	04/14/2023 20:20	
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		-		ng/L	0.926	EPA 537.1	04/12/2023 19:25	ESJ
								Certifications: NELAC-NY12058	04/14/2023 20:20	
2355-31-9	N-MeFOSAA	ND		-		ng/L	0.926	EPA 537.1	04/12/2023 19:25	ESJ
								Certifications: NELAC-NY12058	04/14/2023 20:20	
2991-50-6	N-EtFOSAA	ND		-		ng/L	0.926	EPA 537.1	04/12/2023 19:25	ESJ
								Certifications: NELAC-NY12058	04/14/2023 20:20	
	Surrogate Recoveries	Result		Acceptance Range						
	Surrogate: d5-N-EtFOSAA	106 %		70-130						
	Surrogate: MPFDA	104 %		70-130						
	Surrogate: MPFHxA	106 %		70-130						
	Surrogate: M3HFPO-DA	108 %		70-130						

Sample Information

Client Sample ID: Well 4-2 Field Blank

York Sample ID: 23D0102-24

<u>York Project (SDG) No.</u> 23D0102	<u>Client Project ID</u> PFAS/ 1,4 Dioxane 4/4	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> April 4, 2023 10:30 am	<u>Date Received</u> 04/04/2023
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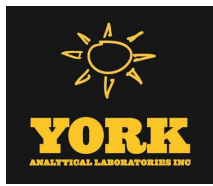
PFAS, EPA 533 Target List

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	PF-LCS-L	-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
								Certifications: NELAC-NY12058	04/14/2023 18:19	
919005-14-4	ADONA	ND		-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
								Certifications: NELAC-NY12058	04/19/2023 04:55	
756426-58-1	9CL-PF3ONS	ND	PF-LCS-L	-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
								Certifications: NELAC-NY12058	04/14/2023 18:19	
756426-58-1	9CL-PF3ONS	ND		-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
								Certifications: NELAC-NY12058	04/19/2023 04:55	
763051-92-9	11CL-PF3OUdS	ND		-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
								Certifications: NELAC-NY12058	04/19/2023 04:55	
763051-92-9	11CL-PF3OUdS	ND	PF-LCS-L	-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
								Certifications: NELAC-NY12058	04/14/2023 18:19	
13252-13-6	HFPO-DA (Gen-X)	ND	PF-LCS-L	-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
								Certifications: NELAC-NY12058	04/14/2023 18:19	
13252-13-6	HFPO-DA (Gen-X)	ND		-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
								Certifications: NELAC-NY12058	04/19/2023 04:55	



Sample Information

Client Sample ID: Well 4-2 Field Blank

York Sample ID: 23D0102-24

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23D0102

PFAS/ 1,4 Dioxane 4/4

Drinking Water

April 4, 2023 10:30 am

04/04/2023

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)	ND	PF-LCS-L	-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 18:19	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/19/2023 04:55	
335-76-2	Perfluorodecanoic acid (PFDA)	ND		10		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 18:19	
335-76-2	Perfluorodecanoic acid (PFDA)	ND		10		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/19/2023 04:55	
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/19/2023 04:55	
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 18:19	
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND	PF-LCS-L	10		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 18:19	
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		10		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/19/2023 04:55	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND	PF-LCS-L	10		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 18:19	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		10		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/19/2023 04:55	
307-24-4	Perfluorohexanoic acid (PFHxA)	ND	PF-LCS-L	-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 18:19	
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/19/2023 04:55	
375-95-1	Perfluorononanoic acid (PFNA)	ND		10		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 18:19	
375-95-1	Perfluorononanoic acid (PFNA)	ND		10		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/19/2023 04:55	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND	PF-LCS-L	10		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 18:19	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		10		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/19/2023 04:55	
335-67-1	Perfluorooctanoic acid (PFOA)	ND	PF-LCS-L	10		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 18:19	
335-67-1	Perfluorooctanoic acid (PFOA)	ND		10		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/19/2023 04:55	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 18:19	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/19/2023 04:55	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/19/2023 04:55	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 18:19	



Sample Information

Client Sample ID: Well 4-2 Field Blank

York Sample ID: 23D0102-24

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23D0102

PFAS/ 1,4 Dioxane 4/4

Drinking Water

April 4, 2023 10:30 am

04/04/2023

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	PF-LCS-L	-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
								Certifications: NELAC-NY12058	04/14/2023 18:19	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
								Certifications: NELAC-NY12058	04/19/2023 04:55	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND	PF-LCS-L	-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
								Certifications: NELAC-NY12058	04/14/2023 18:19	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
								Certifications: NELAC-NY12058	04/19/2023 04:55	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		-		ng/L	1.79	EPA 533	04/13/2023 17:34	ESJ
								Certifications: NELAC-NY12058	04/19/2023 04:55	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		-		ng/L	1.79	EPA 533	04/13/2023 17:34	ESJ
								Certifications: NELAC-NY12058	04/14/2023 18:19	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		-		ng/L	1.79	EPA 533	04/13/2023 17:34	ESJ
								Certifications: NELAC-NY12058	04/19/2023 04:55	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		-		ng/L	1.79	EPA 533	04/13/2023 17:34	ESJ
								Certifications: NELAC-NY12058	04/14/2023 18:19	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
								Certifications: NELAC-NY12058	04/14/2023 18:19	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
								Certifications: NELAC-NY12058	04/19/2023 04:55	
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
								Certifications: NELAC-NY12058	04/19/2023 04:55	
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND	PF-LCS-L	-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
								Certifications: NELAC-NY12058	04/14/2023 18:19	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND	PF-LCS-L	-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
								Certifications: NELAC-NY12058	04/14/2023 18:19	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
								Certifications: NELAC-NY12058	04/19/2023 04:55	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
								Certifications: NELAC-NY12058	04/14/2023 18:19	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
								Certifications: NELAC-NY12058	04/19/2023 04:55	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-LCS-L	-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
								Certifications: NELAC-NY12058	04/14/2023 18:19	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
								Certifications: NELAC-NY12058	04/19/2023 04:55	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	PF-LCS-L	-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
								Certifications: NELAC-NY12058	04/14/2023 18:19	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
								Certifications: NELAC-NY12058	04/19/2023 04:55	

Surrogate Recoveries

Result

Acceptance Range

Surrogate: MPFDoA

34.7 %

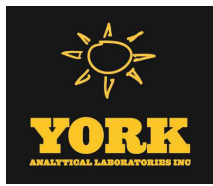
PFSu-L

50-200

Surrogate: MPFDoA

87.3 %

50-200



Sample Information

Client Sample ID: Well 4-2 Field Blank

York Sample ID: 23D0102-24

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23D0102

PFAS/ 1,4 Dioxane 4/4

Drinking Water

April 4, 2023 10:30 am

04/04/2023

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: MPFBA	387 %	PFSu-H	50-200						
	Surrogate: MPFBA	97.5 %		50-200						
	Surrogate: M9PFNA	46.5 %	PFSu-L	50-200						
	Surrogate: M9PFNA	101 %		50-200						
	Surrogate: M8PFOS	87.9 %		50-200						
	Surrogate: M8PFOS	102 %		50-200						
	Surrogate: M8PFOA	89.3 %		50-200						
	Surrogate: M8PFOA	96.6 %		50-200						
	Surrogate: M7PFUdA	37.8 %	PFSu-L	50-200						
	Surrogate: M7PFUdA	91.8 %		50-200						
	Surrogate: M6PFDA	42.9 %	PFSu-L	50-200						
	Surrogate: M6PFDA	97.0 %		50-200						
	Surrogate: M5PFPeA	169 %		50-200						
	Surrogate: M5PFPeA	97.5 %		50-200						
	Surrogate: M5PFHxA	86.3 %		50-200						
	Surrogate: M5PFHxA	92.6 %		50-200						
	Surrogate: M4PFHpA	101 %		50-200						
	Surrogate: M4PFHpA	104 %		50-200						
	Surrogate: M3PFHxS	80.5 %		50-200						
	Surrogate: M3PFHxS	92.0 %		50-200						
	Surrogate: M3PFBS	87.9 %		50-200						
	Surrogate: M3PFBS	91.7 %		50-200						
	Surrogate: M3HFPO-DA	411 %	PFSu-H	50-200						
	Surrogate: M3HFPO-DA	107 %		50-200						
	Surrogate: M2-8:2 FTS	41.6 %	PFSu-L	50-200						
	Surrogate: M2-8:2 FTS	121 %		50-200						
	Surrogate: M2-6:2 FTS	46.9 %	PFSu-L	50-200						
	Surrogate: M2-6:2 FTS	121 %		50-200						
	Surrogate: M2-4:2 FTS	49.8 %	PFSu-L	50-200						
	Surrogate: M2-4:2 FTS	104 %		50-200						

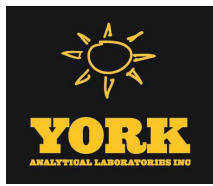
PFAS, EPA 537.1 UCMR5 List

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	0.833	EPA 537.1	04/12/2023 19:25	ESJ
						Certifications:	NELAC-NY12058		04/14/2023 20:33	



Sample Information

Client Sample ID: Well 4-2 Field Blank

York Sample ID: 23D0102-24

<u>York Project (SDG) No.</u> 23D0102	<u>Client Project ID</u> PFAS/ 1,4 Dioxane 4/4	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> April 4, 2023 10:30 am	<u>Date Received</u> 04/04/2023
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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						
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		-		ng/L	0.833	EPA 537.1	04/12/2023 19:25	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 20:33	
2355-31-9	N-MeFOSAA	ND		-		ng/L	0.833	EPA 537.1	04/12/2023 19:25	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 20:33	
2991-50-6	N-EtFOSAA	ND		-		ng/L	0.833	EPA 537.1	04/12/2023 19:25	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 20:33	
	Surrogate Recoveries	Result		Acceptance Range						
	Surrogate: d5-N-EtFOSAA	116 %		70-130						
	Surrogate: MPFDA	103 %		70-130						
	Surrogate: MPFHxA	95.4 %		70-130						
	Surrogate: M3HFPO-DA	98.9 %		70-130						

Sample Information

Client Sample ID: Well 5-1

York Sample ID: 23D0102-25

<u>York Project (SDG) No.</u> 23D0102	<u>Client Project ID</u> PFAS/ 1,4 Dioxane 4/4	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> April 4, 2023 10:55 am	<u>Date Received</u> 04/04/2023
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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	04/06/2023 08:32	KH
							Certifications:	NELAC-NY10854	04/07/2023 17:29	
	Surrogate Recoveries	Result		Acceptance Range						
17647-74-4	Surrogate: 1,4-Dioxane-d8	92.0 %		70-130						

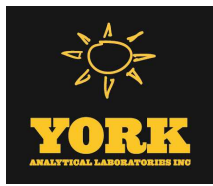
PFAS, EPA 533 Target List

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	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/19/2023 05:08	
919005-14-4	ADONA	ND	PF-LCS-L	-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 18:32	
756426-58-1	9CL-PF3ONS	ND		-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/19/2023 05:08	



Sample Information

Client Sample ID: Well 5-1

York Sample ID: 23D0102-25

<u>York Project (SDG) No.</u> 23D0102	<u>Client Project ID</u> PFAS/ 1,4 Dioxane 4/4	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> April 4, 2023 10:55 am	<u>Date Received</u> 04/04/2023
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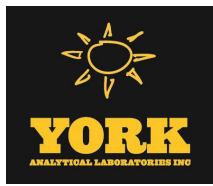
PFAS, EPA 533 Target List

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						
756426-58-1	9CL-PF3ONS	ND	PF-LCS-L	-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 18:32	
763051-92-9	11CL-PF3OUdS	ND	PF-LCS-L	-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 18:32	
763051-92-9	11CL-PF3OUdS	ND		-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/19/2023 05:08	
13252-13-6	HFPO-DA (Gen-X)	ND		-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/19/2023 05:08	
13252-13-6	HFPO-DA (Gen-X)	ND	PF-LCS-L	-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 18:32	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	1.04		-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/19/2023 05:08	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND	PF-LCS-L	-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 18:32	
335-76-2	Perfluorodecanoic acid (PFDA)	ND		10		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/19/2023 05:08	
335-76-2	Perfluorodecanoic acid (PFDA)	ND		10		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 18:32	
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/19/2023 05:08	
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 18:32	
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		10		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/19/2023 05:08	
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND	PF-LCS-L	10		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 18:32	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		10		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/19/2023 05:08	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND	PF-LCS-L	10		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 18:32	
307-24-4	Perfluorohexanoic acid (PFHxA)	1.11		-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/19/2023 05:08	
307-24-4	Perfluorohexanoic acid (PFHxA)	1.19	PF-LCS-L	-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 18:32	
375-95-1	Perfluorononanoic acid (PFNA)	ND		10		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/19/2023 05:08	
375-95-1	Perfluorononanoic acid (PFNA)	ND		10		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 18:32	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	1.22		10		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/19/2023 05:08	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	1.63	PF-LCS-L	10		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 18:32	



Sample Information

Client Sample ID: Well 5-1

York Sample ID: 23D0102-25

<u>York Project (SDG) No.</u> 23D0102	<u>Client Project ID</u> PFAS/ 1,4 Dioxane 4/4	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> April 4, 2023 10:55 am	<u>Date Received</u> 04/04/2023
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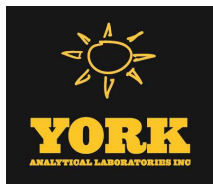
PFAS, EPA 533 Target List

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						
335-67-1	Perfluorooctanoic acid (PFOA)	1.43		10		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/19/2023 05:08	
335-67-1	Perfluorooctanoic acid (PFOA)	1.17	PF-LCS-L	10		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 18:32	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/19/2023 05:08	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 18:32	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 18:32	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/19/2023 05:08	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/19/2023 05:08	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND	PF-LCS-L	-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 18:32	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/19/2023 05:08	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND	PF-LCS-L	-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 18:32	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		-		ng/L	1.79	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 18:32	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		-		ng/L	1.79	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/19/2023 05:08	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		-		ng/L	1.79	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/19/2023 05:08	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		-		ng/L	1.79	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 18:32	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/19/2023 05:08	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 18:32	
2706-90-3	Perfluoropentanoic acid (PFPeA)	1.25		-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/19/2023 05:08	
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND	PF-LCS-L	-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 18:32	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/19/2023 05:08	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND	PF-LCS-L	-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 18:32	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 18:32	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/19/2023 05:08	



Sample Information

Client Sample ID: Well 5-1

York Sample ID: 23D0102-25

<u>York Project (SDG) No.</u> 23D0102	<u>Client Project ID</u> PFAS/ 1,4 Dioxane 4/4	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> April 4, 2023 10:55 am	<u>Date Received</u> 04/04/2023
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PFAS, EPA 533 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 533

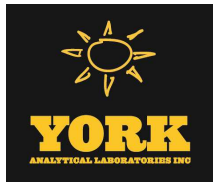
CAS No.	Parameter	Result	Flag	Maximum Contaminant Level		Units	Reported to LOQ	Reference Method	Date/Time Prep/Anal	Analyst
				MCL						
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications: NELAC-NY12058		04/19/2023 05:08	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-LCS-L	-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications: NELAC-NY12058		04/14/2023 18:32	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications: NELAC-NY12058		04/19/2023 05:08	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	PF-LCS-L	-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications: NELAC-NY12058		04/14/2023 18:32	

Surrogate Recoveries

Result

Acceptance Range

Surrogate: MPFDoA	96.4 %		50-200
Surrogate: MPFDoA	30.2 %	PFSu-L	50-200
Surrogate: MPFBA	361 %	PFSu-H	50-200
Surrogate: MPFBA	101 %		50-200
Surrogate: M9PFNA	108 %		50-200
Surrogate: M9PFNA	42.8 %	PFSu-L	50-200
Surrogate: M8PFOS	101 %		50-200
Surrogate: M8PFOS	80.1 %		50-200
Surrogate: M8PFOA	101 %		50-200
Surrogate: M8PFOA	84.5 %		50-200
Surrogate: M7PFUdA	100 %		50-200
Surrogate: M7PFUdA	34.5 %	PFSu-L	50-200
Surrogate: M6PFDA	105 %		50-200
Surrogate: M6PFDA	37.0 %	PFSu-L	50-200
Surrogate: M5PFPeA	99.4 %		50-200
Surrogate: M5PFPeA	150 %		50-200
Surrogate: M5PFHxA	97.7 %		50-200
Surrogate: M5PFHxA	75.8 %		50-200
Surrogate: M4PFHpA	107 %		50-200
Surrogate: M4PFHpA	82.8 %		50-200
Surrogate: M3PFHxS	95.9 %		50-200
Surrogate: M3PFHxS	76.1 %		50-200
Surrogate: M3PFBS	90.4 %		50-200
Surrogate: M3PFBS	76.1 %		50-200
Surrogate: M3HFPO-DA	109 %		50-200
Surrogate: M3HFPO-DA	339 %	PFSu-H	50-200
Surrogate: M2-8:2 FTS	120 %		50-200
Surrogate: M2-8:2 FTS	48.5 %	PFSu-L	50-200
Surrogate: M2-6:2 FTS	118 %		50-200



Sample Information

Client Sample ID: Well 5-1

York Sample ID: 23D0102-25

<u>York Project (SDG) No.</u> 23D0102	<u>Client Project ID</u> PFAS/ 1,4 Dioxane 4/4	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> April 4, 2023 10:55 am	<u>Date Received</u> 04/04/2023
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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	54.1 %		50-200						
	Surrogate: M2-4:2 FTS	133 %		50-200						
	Surrogate: M2-4:2 FTS	48.2 %	PFSu-L	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	1.00	EPA 537.1	04/12/2023 19:25	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 20:47	
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		-		ng/L	1.00	EPA 537.1	04/12/2023 19:25	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 20:47	
2355-31-9	N-MeFOSAA	ND		-		ng/L	1.00	EPA 537.1	04/12/2023 19:25	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 20:47	
2991-50-6	N-EtFOSAA	ND		-		ng/L	1.00	EPA 537.1	04/12/2023 19:25	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 20:47	
	Surrogate Recoveries	Result		Acceptance Range						
	Surrogate: d5-N-EtFOSAA	98.6 %		70-130						
	Surrogate: MPFDA	90.6 %		70-130						
	Surrogate: MPFHxA	88.0 %		70-130						
	Surrogate: M3HFPO-DA	81.7 %		70-130						

Sample Information

Client Sample ID: Well 5-1 Field Blank

York Sample ID: 23D0102-26

<u>York Project (SDG) No.</u> 23D0102	<u>Client Project ID</u> PFAS/ 1,4 Dioxane 4/4	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> April 4, 2023 10:55 am	<u>Date Received</u> 04/04/2023
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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	PF-LCS-L	-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 18:45	
919005-14-4	ADONA	ND		-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/19/2023 05:21	
756426-58-1	9CL-PF3ONS	ND	PF-LCS-L	-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 18:45	
756426-58-1	9CL-PF3ONS	ND		-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/19/2023 05:21	



Sample Information

Client Sample ID: Well 5-1 Field Blank

York Sample ID: 23D0102-26

<u>York Project (SDG) No.</u> 23D0102	<u>Client Project ID</u> PFAS/ 1,4 Dioxane 4/4	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> April 4, 2023 10:55 am	<u>Date Received</u> 04/04/2023
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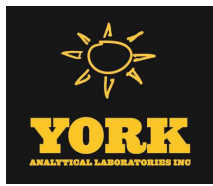
PFAS, EPA 533 Target List

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						
763051-92-9	11CL-PF3OUdS	ND		-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
								Certifications: NELAC-NY12058	04/19/2023 05:21	
763051-92-9	11CL-PF3OUdS	ND	PF-LCS-L	-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
								Certifications: NELAC-NY12058	04/14/2023 18:45	
13252-13-6	HFPO-DA (Gen-X)	ND		-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
								Certifications: NELAC-NY12058	04/19/2023 05:21	
13252-13-6	HFPO-DA (Gen-X)	ND	PF-LCS-L	-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
								Certifications: NELAC-NY12058	04/14/2023 18:45	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
								Certifications: NELAC-NY12058	04/19/2023 05:21	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND	PF-LCS-L	-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
								Certifications: NELAC-NY12058	04/14/2023 18:45	
335-76-2	Perfluorodecanoic acid (PFDA)	ND		10		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
								Certifications: NELAC-NY12058	04/19/2023 05:21	
335-76-2	Perfluorodecanoic acid (PFDA)	ND		10		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
								Certifications: NELAC-NY12058	04/14/2023 18:45	
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
								Certifications: NELAC-NY12058	04/19/2023 05:21	
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
								Certifications: NELAC-NY12058	04/14/2023 18:45	
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		10		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
								Certifications: NELAC-NY12058	04/19/2023 05:21	
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND	PF-LCS-L	10		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
								Certifications: NELAC-NY12058	04/14/2023 18:45	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		10		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
								Certifications: NELAC-NY12058	04/19/2023 05:21	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND	PF-LCS-L	10		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
								Certifications: NELAC-NY12058	04/14/2023 18:45	
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
								Certifications: NELAC-NY12058	04/19/2023 05:21	
307-24-4	Perfluorohexanoic acid (PFHxA)	ND	PF-LCS-L	-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
								Certifications: NELAC-NY12058	04/14/2023 18:45	
375-95-1	Perfluorononanoic acid (PFNA)	ND		10		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
								Certifications: NELAC-NY12058	04/19/2023 05:21	
375-95-1	Perfluorononanoic acid (PFNA)	ND		10		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
								Certifications: NELAC-NY12058	04/14/2023 18:45	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		10		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
								Certifications: NELAC-NY12058	04/19/2023 05:21	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND	PF-LCS-L	10		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
								Certifications: NELAC-NY12058	04/14/2023 18:45	
335-67-1	Perfluorooctanoic acid (PFOA)	ND		10		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
								Certifications: NELAC-NY12058	04/19/2023 05:21	
335-67-1	Perfluorooctanoic acid (PFOA)	ND	PF-LCS-L	10		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
								Certifications: NELAC-NY12058	04/14/2023 18:45	



Sample Information

Client Sample ID: Well 5-1 Field Blank

York Sample ID: 23D0102-26

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23D0102

PFAS/ 1,4 Dioxane 4/4

Drinking Water

April 4, 2023 10:55 am

04/04/2023

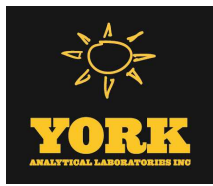
PFAS, EPA 533 Target List

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	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/19/2023 05:21	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 18:45	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/19/2023 05:21	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 18:45	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/19/2023 05:21	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND	PF-LCS-L	-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 18:45	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/19/2023 05:21	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND	PF-LCS-L	-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 18:45	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		-		ng/L	1.79	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/19/2023 05:21	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		-		ng/L	1.79	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 18:45	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		-		ng/L	1.79	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 18:45	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		-		ng/L	1.79	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/19/2023 05:21	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/19/2023 05:21	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 18:45	
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/19/2023 05:21	
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND	PF-LCS-L	-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 18:45	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/19/2023 05:21	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND	PF-LCS-L	-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 18:45	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/19/2023 05:21	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 18:45	
151772-58-6	Perfluoro-3,6-dioxahexanoic acid (NFDHA)	ND		-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/19/2023 05:21	
151772-58-6	Perfluoro-3,6-dioxahexanoic acid (NFDHA)	ND	PF-LCS-L	-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 18:45	



Sample Information

Client Sample ID: Well 5-1 Field Blank

York Sample ID: 23D0102-26

<u>York Project (SDG) No.</u> 23D0102	<u>Client Project ID</u> PFAS/ 1,4 Dioxane 4/4	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> April 4, 2023 10:55 am	<u>Date Received</u> 04/04/2023
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PFAS, EPA 533 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 533

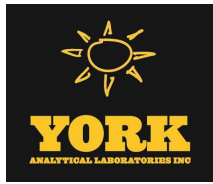
CAS No.	Parameter	Result	Flag	Maximum Contaminant Level		Units	Reported to LOQ	Reference Method	Date/Time Prep/Anal	Analyst
				MCL						
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND		-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications: NELAC-NY12058		04/19/2023 05:21	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND	PF-LCS-L	-		ng/L	0.893	EPA 533	04/13/2023 17:34	ESJ
							Certifications: NELAC-NY12058		04/14/2023 18:45	

Surrogate Recoveries

Result

Acceptance Range

Surrogate: MPFDoA	99.4 %		50-200
Surrogate: MPFDoA	37.7 %	PFSu-L	50-200
Surrogate: MPFBA	96.5 %		50-200
Surrogate: MPFBA	388 %	PFSu-H	50-200
Surrogate: M9PFNA	106 %		50-200
Surrogate: M9PFNA	47.0 %	PFSu-L	50-200
Surrogate: M8PFOS	102 %		50-200
Surrogate: M8PFOS	92.9 %		50-200
Surrogate: M8PFOA	101 %		50-200
Surrogate: M8PFOA	87.9 %		50-200
Surrogate: M7PFUdA	101 %		50-200
Surrogate: M7PFUdA	39.5 %	PFSu-L	50-200
Surrogate: M6PFDA	101 %		50-200
Surrogate: M6PFDA	43.0 %	PFSu-L	50-200
Surrogate: M5PFPeA	95.4 %		50-200
Surrogate: M5PFPeA	167 %		50-200
Surrogate: M5PFHxA	82.3 %		50-200
Surrogate: M5PFHxA	98.6 %		50-200
Surrogate: M4PFHpA	94.0 %		50-200
Surrogate: M4PFHpA	101 %		50-200
Surrogate: M3PFHxS	88.4 %		50-200
Surrogate: M3PFHxS	84.0 %		50-200
Surrogate: M3PFBS	83.4 %		50-200
Surrogate: M3PFBS	93.9 %		50-200
Surrogate: M3HFPO-DA	101 %		50-200
Surrogate: M3HFPO-DA	374 %	PFSu-H	50-200
Surrogate: M2-8:2 FTS	46.9 %	PFSu-L	50-200
Surrogate: M2-8:2 FTS	144 %		50-200
Surrogate: M2-6:2 FTS	54.5 %		50-200
Surrogate: M2-6:2 FTS	122 %		50-200
Surrogate: M2-4:2 FTS	110 %		50-200
Surrogate: M2-4:2 FTS	47.3 %	PFSu-L	50-200



Sample Information

Client Sample ID: Well 5-1 Field Blank

York Sample ID: 23D0102-26

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23D0102

PFAS/ 1,4 Dioxane 4/4

Drinking Water

April 4, 2023 10:55 am

04/04/2023

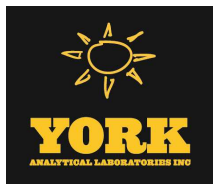
PFAS, EPA 537.1 UCMR5 List

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	04/12/2023 19:25	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 21:01	
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		-		ng/L	0.893	EPA 537.1	04/12/2023 19:25	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 21:01	
2355-31-9	N-MeFOSAA	ND		-		ng/L	0.893	EPA 537.1	04/12/2023 19:25	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 21:01	
2991-50-6	N-EtFOSAA	ND		-		ng/L	0.893	EPA 537.1	04/12/2023 19:25	ESJ
							Certifications:	NELAC-NY12058	04/14/2023 21:01	
	Surrogate Recoveries	Result		Acceptance Range						
	Surrogate: d5-N-EtFOSAA	104 %		70-130						
	Surrogate: MPFDA	92.6 %		70-130						
	Surrogate: MPFHxA	80.5 %		70-130						
	Surrogate: M3HFPO-DA	83.0 %		70-130						



Analytical Batch Summary

Batch ID: BD30390 **Preparation Method:** EPA 522 **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
23D0102-03	Well 1-2 Ran to Waste	04/06/23
23D0102-05	Blended Effluent GAC Ran to W	04/06/23
23D0102-07	Well 1-3 Ran to Waste	04/06/23
23D0102-09	Well 2-1 Ran to Waste	04/06/23
23D0102-11	Well 2-2	04/06/23
23D0102-13	Well 3-1	04/06/23
23D0102-15	Well 3-2	04/06/23
23D0102-17	Well 3-3	04/06/23
23D0102-21	Well 4-1	04/06/23
23D0102-23	Well 4-2	04/06/23
23D0102-25	Well 5-1	04/06/23
BD30390-BLK1	Blank	04/06/23
BD30390-BS1	LCS	04/06/23
BD30390-BS2	LCS	04/06/23
BD30390-DUP1	Duplicate	04/06/23
BD30390-MS1	Matrix Spike	04/06/23

Batch ID: BD30493 **Preparation Method:** EPA 522 **Prepared By:** JM

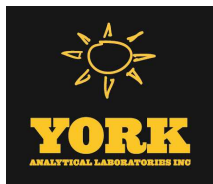
YORK Sample ID	Client Sample ID	Preparation Date
23D0102-01	Well 1-1 Ran to Waste	04/07/23
BD30493-BLK1	Blank	04/07/23
BD30493-BS1	LCS	04/07/23
BD30493-BS2	LCS	04/07/23
BD30493-DUP1	Duplicate	04/07/23
BD30493-MS1	Matrix Spike	04/07/23

Batch ID: BD30651 **Preparation Method:** EPA 537.1 SPE DVB **Prepared By:** BAMW

YORK Sample ID	Client Sample ID	Preparation Date
23D0102-01	Well 1-1 Ran to Waste	04/06/23
23D0102-02	Well 1-1 Field Blank Ran to Wa	04/06/23
23D0102-03	Well 1-2 Ran to Waste	04/06/23
BD30651-BLK1	Blank	04/10/23
BD30651-BS2	LCS	04/10/23
BD30651-DUP1	Duplicate	04/10/23
BD30651-MS1	Matrix Spike	04/10/23

Batch ID: BD30711 **Preparation Method:** EPA 537.1 SPE DVB **Prepared By:** ER

YORK Sample ID	Client Sample ID	Preparation Date
23D0102-04	Well 1-2 Field Blank Ran to Wa	04/11/23
23D0102-05	Blended Effluent GAC Ran to W	04/11/23
23D0102-06	Blended Effluent GAC Field Bl	04/11/23



23D0102-07	Well 1-3 Ran to Waste	04/11/23
23D0102-08	Well 1-3 Field Blank Ran to Wa	04/11/23
23D0102-09	Well 2-1 Ran to Waste	04/11/23
23D0102-10	Well 2-1 Field Blank Ran to Wa	04/11/23
23D0102-11	Well 2-2	04/11/23
23D0102-12	Well 2-2 Field Blank	04/11/23
23D0102-13	Well 3-1	04/11/23
23D0102-14	Well 3-1 Field Blank	04/11/23
23D0102-15	Well 3-2	04/11/23
23D0102-16	Well 3-2 Field Blank	04/11/23
23D0102-17	Well 3-3	04/11/23
23D0102-18	Well 3-3 Field Blank	04/11/23
23D0102-19	Blended Entry 3 Field	04/11/23
23D0102-20	Blended Entry 3 Field Field Bla	04/11/23
23D0102-21	Well 4-1	04/11/23
23D0102-22	Well 4-1 Field Blank	04/11/23
BD30711-BLK1	Blank	04/11/23
BD30711-BS1	LCS	04/11/23
BD30711-DUP1	Duplicate	04/11/23
BD30711-MS1	Matrix Spike	04/11/23

Batch ID: BD30827 **Preparation Method:** EPA 533 **Prepared By:** WJH

YORK Sample ID	Client Sample ID	Preparation Date
23D0102-01	Well 1-1 Ran to Waste	04/12/23
23D0102-02	Well 1-1 Field Blank Ran to Wa	04/12/23
23D0102-03	Well 1-2 Ran to Waste	04/12/23
23D0102-04	Well 1-2 Field Blank Ran to Wa	04/12/23
23D0102-05	Blended Effluent GAC Ran to V	04/12/23
23D0102-06	Blended Effluent GAC Field Bl	04/12/23
23D0102-07	Well 1-3 Ran to Waste	04/12/23
23D0102-08	Well 1-3 Field Blank Ran to Wa	04/12/23
23D0102-09	Well 2-1 Ran to Waste	04/12/23
23D0102-10	Well 2-1 Field Blank Ran to Wa	04/12/23
23D0102-11	Well 2-2	04/12/23
23D0102-12	Well 2-2 Field Blank	04/12/23
23D0102-13	Well 3-1	04/12/23
23D0102-14	Well 3-1 Field Blank	04/12/23
23D0102-15	Well 3-2	04/12/23
23D0102-16	Well 3-2 Field Blank	04/12/23
23D0102-17	Well 3-3	04/12/23
BD30827-BLK1	Blank	04/12/23
BD30827-BS2	LCS	04/12/23
BD30827-DUP1	Duplicate	04/12/23
BD30827-MS1	Matrix Spike	04/12/23

Batch ID: BD30830 **Preparation Method:** EPA 537.1 SPE DVB **Prepared By:** WJH

YORK Sample ID	Client Sample ID	Preparation Date
23D0102-23	Well 4-2	04/12/23
23D0102-24	Well 4-2 Field Blank	04/12/23



23D0102-25	Well 5-1	04/12/23
23D0102-26	Well 5-1 Field Blank	04/12/23
BD30830-BLK1	Blank	04/12/23
BD30830-BS1	LCS	04/12/23
BD30830-BS2	LCS	04/12/23
BD30830-DUP1	Duplicate	04/12/23
BD30830-MS1	Matrix Spike	04/12/23

Batch ID: BD30922 **Preparation Method:** EPA 533 **Prepared By:** WJH

YORK Sample ID	Client Sample ID	Preparation Date
23D0102-18	Well 3-3 Field Blank	04/13/23
23D0102-19	Blended Entry 3 Field	04/13/23
23D0102-20	Blended Entry 3 Field Field Bla	04/13/23
23D0102-21	Well 4-1	04/13/23
23D0102-22	Well 4-1 Field Blank	04/13/23
23D0102-23	Well 4-2	04/13/23
23D0102-24	Well 4-2 Field Blank	04/13/23
23D0102-25	Well 5-1	04/13/23
23D0102-26	Well 5-1 Field Blank	04/13/23
BD30922-BLK1	Blank	04/13/23
BD30922-BS1	LCS	04/13/23
BD30922-BS2	LCS	04/13/23
BD30922-DUP1	Duplicate	04/13/23
BD30922-MS1	Matrix Spike	04/13/23

Batch ID: BD31068 **Preparation Method:** EPA 533 **Prepared By:** WJH

YORK Sample ID	Client Sample ID	Preparation Date
23D0102-18RE1	Well 3-3 Field Blank	04/13/23
23D0102-19RE1	Blended Entry 3 Field	04/13/23
23D0102-20RE1	Blended Entry 3 Field Field Bla	04/13/23
23D0102-21RE1	Well 4-1	04/13/23
23D0102-22RE1	Well 4-1 Field Blank	04/13/23
23D0102-23RE1	Well 4-2	04/13/23
23D0102-24RE1	Well 4-2 Field Blank	04/13/23
23D0102-25RE1	Well 5-1	04/13/23
23D0102-26RE1	Well 5-1 Field Blank	04/13/23
BD31068-BLK1	Blank	04/17/23
BD31068-BS1	LCS	04/17/23
BD31068-BSD1	LCS Dup	04/17/23



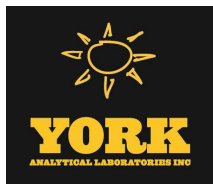
Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD30390 - EPA 522											
Blank (BD30390-BLK1)											
										Prepared: 04/06/2023 Analyzed: 04/07/2023	
1,4-Dioxane	ND	0.200	ug/L								
Surrogate: 1,4-Dioxane-d8	2.10		"	2.50		84.0	70-130				
LCS (BD30390-BS1)											
										Prepared: 04/06/2023 Analyzed: 04/07/2023	
1,4-Dioxane	4.81	0.200	ug/L	5.00		96.2	70-130				
Surrogate: 1,4-Dioxane-d8	2.60		"	2.50		104	70-130				
LCS (BD30390-BS2)											
										Prepared: 04/06/2023 Analyzed: 04/07/2023	
1,4-Dioxane	9.46	0.200	ug/L	10.0		94.6	70-130				
Surrogate: 1,4-Dioxane-d8	2.30		"	2.50		92.0	70-130				
Duplicate (BD30390-DUP1)											
										*Source sample: 23D0102-05 (Blended Effluent GAC Ran to Waste)	
										Prepared: 04/06/2023 Analyzed: 04/07/2023	
1,4-Dioxane	0.300	0.200	ug/L		ND						30
Surrogate: 1,4-Dioxane-d8	2.50		"	2.50		100	70-130				
Matrix Spike (BD30390-MS1)											
										*Source sample: 23D0102-03 (Well 1-2 Ran to Waste)	
										Prepared: 04/06/2023 Analyzed: 04/07/2023	
1,4-Dioxane	5.00	0.200	ug/L	5.00	0.200	96.0	70-130				
Surrogate: 1,4-Dioxane-d8	2.50		"	2.50		100	70-130				
Batch BD30493 - EPA 522											
Blank (BD30493-BLK1)											
										Prepared: 04/07/2023 Analyzed: 04/10/2023	
1,4-Dioxane	ND	0.200	ug/L								
Surrogate: 1,4-Dioxane-d8	2.70		"	2.50		108	70-130				
LCS (BD30493-BS1)											
										Prepared: 04/07/2023 Analyzed: 04/10/2023	
1,4-Dioxane	5.53	0.200	ug/L	5.00		111	70-130				
Surrogate: 1,4-Dioxane-d8	1.90		"	2.50		76.0	70-130				



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
Batch BD30493 - EPA 522											
LCS (BD30493-BS2)						Prepared: 04/07/2023 Analyzed: 04/10/2023					
1,4-Dioxane	1.25	0.200	ug/L	1.00		125	70-130				
Surrogate: 1,4-Dioxane-d8	2.00		"	2.50		80.0	70-130				
Duplicate (BD30493-DUP1)						*Source sample: 23D0292-04 (Duplicate) Prepared: 04/07/2023 Analyzed: 04/10/2023					
1,4-Dioxane	ND	0.200	ug/L		ND					30	
Surrogate: 1,4-Dioxane-d8	1.50		"	2.50		60.0	70-130				
Matrix Spike (BD30493-MS1)						*Source sample: 23D0292-03 (Matrix Spike) Prepared: 04/07/2023 Analyzed: 04/10/2023					
1,4-Dioxane	4.87	0.200	ug/L	5.00	ND	97.4	70-130				
Surrogate: 1,4-Dioxane-d8	1.90		"	2.50		76.0	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 BD30651 - EPA 537.1 SPE DVB

Blank (BD30651-BLK1)

Prepared: 04/10/2023 Analyzed: 04/11/2023

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>	306		"	320		95.7	70-130				
<i>Surrogate: MPFDA</i>	70.6		"	80.0		88.2	70-130				
<i>Surrogate: MPFHxA</i>	64.7		"	80.0		80.8	70-130				
<i>Surrogate: M3HFPO-DA</i>	65.7		"	80.0		82.1	70-130				

LCS (BD30651-BS2)

Prepared: 04/10/2023 Analyzed: 04/11/2023

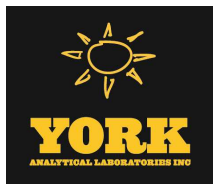
Perfluorotridecanoic acid (PFTTrDA)	3.28	2.00	ng/L	4.00		81.9	70-130				
Perfluorotetradecanoic acid (PFTA)	4.11	2.00	"	4.00		103	70-130				
N-MeFOSAA	4.19	2.00	"	4.00		105	70-130				
N-EtFOSAA	4.09	2.00	"	4.00		102	70-130				
<i>Surrogate: d5-N-EtFOSAA</i>	302		"	320		94.3	70-130				
<i>Surrogate: MPFDA</i>	72.0		"	80.0		89.9	70-130				
<i>Surrogate: MPFHxA</i>	69.1		"	80.0		86.4	70-130				
<i>Surrogate: M3HFPO-DA</i>	67.4		"	80.0		84.3	70-130				

Duplicate (BD30651-DUP1)

*Source sample: 23D0227-01 (Duplicate)

Prepared: 04/10/2023 Analyzed: 04/11/2023

Perfluorotridecanoic acid (PFTTrDA)	ND	0.833	ng/L		ND					25	
Perfluorotetradecanoic acid (PFTA)	ND	0.833	"		ND					25	
N-MeFOSAA	ND	0.833	"		ND					25	
N-EtFOSAA	ND	0.833	"		ND					25	
<i>Surrogate: d5-N-EtFOSAA</i>	128		"	133		96.1	70-130				
<i>Surrogate: MPFDA</i>	33.9		"	33.3		102	70-130				
<i>Surrogate: MPFHxA</i>	35.2		"	33.3		106	70-130				
<i>Surrogate: M3HFPO-DA</i>	33.1		"	33.3		99.4	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 BD30651 - EPA 537.1 SPE DVB

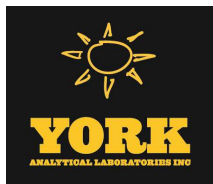
Matrix Spike (BD30651-MS1)	*Source sample: 23D0102-03 (Well 1-2 Ran to Waste)						Prepared: 04/10/2023 Analyzed: 04/11/2023	
Perfluorotridecanoic acid (PFTTrDA)	31.7	0.833	ng/L	33.3	ND	95.0	70-130	
Perfluorotetradecanoic acid (PFTA)	34.2	0.833	"	33.3	ND	103	70-130	
N-MeFOSAA	34.3	0.833	"	33.3	ND	103	70-130	
N-EtFOSAA	37.9	0.833	"	33.3	1.21	110	70-130	
<i>Surrogate: d5-N-EtFOSAA</i>	<i>149</i>		<i>"</i>	<i>133</i>		<i>112</i>	<i>70-130</i>	
<i>Surrogate: MPFDA</i>	<i>37.9</i>		<i>"</i>	<i>33.3</i>		<i>114</i>	<i>70-130</i>	
<i>Surrogate: MPFHxA</i>	<i>35.0</i>		<i>"</i>	<i>33.3</i>		<i>105</i>	<i>70-130</i>	
<i>Surrogate: M3HFPO-DA</i>	<i>35.9</i>		<i>"</i>	<i>33.3</i>		<i>108</i>	<i>70-130</i>	

Batch BD30711 - EPA 537.1 SPE DVB

Blank (BD30711-BLK1)	Prepared & Analyzed: 04/11/2023							
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>	<i>371</i>		<i>"</i>	<i>320</i>		<i>116</i>	<i>70-130</i>	
<i>Surrogate: MPFDA</i>	<i>73.3</i>		<i>"</i>	<i>80.0</i>		<i>91.7</i>	<i>70-130</i>	
<i>Surrogate: MPFHxA</i>	<i>69.7</i>		<i>"</i>	<i>80.0</i>		<i>87.1</i>	<i>70-130</i>	
<i>Surrogate: M3HFPO-DA</i>	<i>70.3</i>		<i>"</i>	<i>80.0</i>		<i>87.8</i>	<i>70-130</i>	

LCS (BD30711-BS1)

LCS (BD30711-BS1)	Prepared: 04/11/2023 Analyzed: 04/12/2023							
Perfluorotridecanoic acid (PFTTrDA)	70.8	2.00	ng/L	80.0		88.4	70-130	
Perfluorotetradecanoic acid (PFTA)	83.2	2.00	"	80.0		104	70-130	
N-MeFOSAA	92.8	2.00	"	80.0		116	70-130	
N-EtFOSAA	96.9	2.00	"	80.0		121	70-130	
<i>Surrogate: d5-N-EtFOSAA</i>	<i>403</i>		<i>"</i>	<i>320</i>		<i>126</i>	<i>70-130</i>	
<i>Surrogate: MPFDA</i>	<i>74.3</i>		<i>"</i>	<i>80.0</i>		<i>92.9</i>	<i>70-130</i>	
<i>Surrogate: MPFHxA</i>	<i>81.5</i>		<i>"</i>	<i>80.0</i>		<i>102</i>	<i>70-130</i>	
<i>Surrogate: M3HFPO-DA</i>	<i>79.8</i>		<i>"</i>	<i>80.0</i>		<i>99.7</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 BD30711 - EPA 537.1 SPE DVB

Duplicate (BD30711-DUP1)		*Source sample: 23D0102-06 (Blended Effluent GAC Field Blank Ran to Waste)					Prepared: 04/11/2023 Analyzed: 04/12/2023				
Perfluorotridecanoic acid (PFTrDA)	ND	0.806	ng/L		ND					25	
Perfluorotetradecanoic acid (PFTA)	ND	0.806	"		ND					25	
N-MeFOSAA	ND	0.806	"		ND					25	
N-EtFOSAA	ND	0.806	"		ND					25	
<i>Surrogate: d5-N-EtFOSAA</i>	155		"	129		120	70-130				
<i>Surrogate: MPFDA</i>	31.8		"	32.3		98.4	70-130				
<i>Surrogate: MPFHxA</i>	30.2		"	32.3		93.6	70-130				
<i>Surrogate: M3HFPO-DA</i>	31.2		"	32.3		96.8	70-130				

Matrix Spike (BD30711-MS1)		*Source sample: 23D0102-14 (Well 3-1 Field Blank)					Prepared: 04/11/2023 Analyzed: 04/12/2023				
Perfluorotridecanoic acid (PFTrDA)	25.5	0.806	ng/L	32.3	ND	79.1	70-130				
Perfluorotetradecanoic acid (PFTA)	23.7	0.806	"	32.3	ND	73.6	70-130				
N-MeFOSAA	33.4	0.806	"	32.3	ND	104	70-130				
N-EtFOSAA	36.3	0.806	"	32.3	ND	113	70-130				
<i>Surrogate: d5-N-EtFOSAA</i>	131		"	129		102	70-130				
<i>Surrogate: MPFDA</i>	30.0		"	32.3		92.9	70-130				
<i>Surrogate: MPFHxA</i>	29.1		"	32.3		90.3	70-130				
<i>Surrogate: M3HFPO-DA</i>	28.6		"	32.3		88.7	70-130				

Batch BD30827 - EPA 533

Blank (BD30827-BLK1)		Prepared: 04/12/2023 Analyzed: 04/13/2023									
ADONA	ND	1.00	ng/L								
9CL-PF3ONS	ND	1.00	"								
11CL-PF3OUdS	ND	1.00	"								
HFPO-DA (Gen-X)	ND	2.00	"								
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	"								
<i>Surrogate: MPFDoA</i>	10.5		"	20.0		52.6	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 BD30827 - EPA 533

Blank (BD30827-BLK1)

Prepared: 04/12/2023 Analyzed: 04/13/2023

Surrogate: MPFBA	20.5		ng/L	20.0		102	50-200				
Surrogate: M9PFNA	20.5		"	20.0		102	50-200				
Surrogate: M8PFOS	18.1		"	19.2		94.3	50-200				
Surrogate: M8PFOA	20.2		"	20.0		101	50-200				
Surrogate: M7PFUdA	13.5		"	20.0		67.7	50-200				
Surrogate: M6PFDA	18.4		"	20.0		92.0	50-200				
Surrogate: M5PFPeA	21.3		"	20.0		107	50-200				
Surrogate: M5PFHxA	22.0		"	20.0		110	50-200				
Surrogate: M4PFHpA	24.3		"	20.0		121	50-200				
Surrogate: M3PFHxS	19.9		"	19.0		105	50-200				
Surrogate: M3PFBS	20.6		"	18.6		110	50-200				
Surrogate: M3HFPO-DA	21.4		"	20.0		107	50-200				
Surrogate: M2-8:2 FTS	58.3		"	76.8		75.9	50-200				
Surrogate: M2-6:2 FTS	65.1		"	76.0		85.7	50-200				
Surrogate: M2-4:2 FTS	82.8		"	75.2		110	50-200				

LCS (BD30827-BS2)

Prepared: 04/12/2023 Analyzed: 04/13/2023

ADONA	15.2	1.00	ng/L	18.9		80.1	70-130				
9CL-PF3ONS	13.7	1.00	"	18.7		73.6	70-130				
11CL-PF3OUdS	13.4	1.00	"	18.9		71.2	70-130				
HFPO-DA (Gen-X)	20.1	2.00	"	20.0		101	70-130				
Perfluorobutanesulfonic acid (PFBS)	16.4	1.00	"	17.8		92.3	70-130				
Perfluorodecanoic acid (PFDA)	19.3	1.00	"	20.0		96.3	70-130				
Perfluorododecanoic acid (PFDoA)	17.2	1.00	"	20.0		85.8	70-130				
Perfluoroheptanoic acid (PFHpA)	16.9	1.00	"	20.0		84.5	70-130				
Perfluorohexanesulfonic acid (PFHxS)	16.6	1.00	"	18.2		91.0	70-130				
Perfluorohexanoic acid (PFHxA)	17.7	1.00	"	20.0		88.7	70-130				
Perfluorononanoic acid (PFNA)	15.8	1.00	"	20.0		79.2	70-130				
Perfluorooctanesulfonic acid (PFOS)	16.7	1.00	"	18.6		89.8	70-130				
Perfluorooctanoic acid (PFOA)	16.8	1.00	"	20.0		84.2	70-130				
Perfluoroundecanoic acid (PFUnA)	17.2	1.00	"	20.0		86.1	70-130				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	18.5	1.00	"	18.8		98.8	70-130				
Perfluoro-1-pentanesulfonate (PFPeS)	16.1	1.00	"	18.8		85.8	70-130				
Perfluoro-n-butanoic acid (PFBA)	17.9	1.00	"	20.0		89.3	70-130				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	17.2	2.00	"	19.2		89.6	70-130				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	16.9	2.00	"	19.0		88.7	70-130				
Perfluoro-1-heptanesulfonic acid (PFHpS)	16.9	1.00	"	19.1		88.8	70-130				
Perfluoropentanoic acid (PFPeA)	17.6	1.00	"	20.0		88.0	70-130				
Perfluoro-5-oxahexanoic acid (PFMBA)	18.1	1.00	"	20.0		90.3	70-130				
Perfluoro-4-oxapentanoic acid (PFMPA)	17.1	1.00	"	20.0		85.3	70-130				
Perfluoro-3,6-dioxahexanoic acid (NFDHA)	19.8	1.00	"	20.0		98.8	70-130				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	15.8	1.00	"	17.8		88.7	70-130				
Surrogate: MPFDoA	14.8		"	20.0		74.0	50-200				
Surrogate: MPFBA	17.0		"	20.0		85.0	50-200				
Surrogate: M9PFNA	18.1		"	20.0		90.5	50-200				
Surrogate: M8PFOS	16.1		"	19.2		84.1	50-200				
Surrogate: M8PFOA	17.7		"	20.0		88.5	50-200				
Surrogate: M7PFUdA	16.0		"	20.0		80.2	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 BD30827 - EPA 533

LCS (BD30827-BS2)

Prepared: 04/12/2023 Analyzed: 04/13/2023

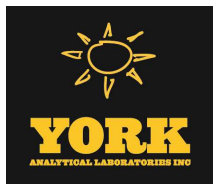
Surrogate: M6PFDA	15.9		ng/L	20.0		79.7	50-200				
Surrogate: M5PFPeA	17.1		"	20.0		85.5	50-200				
Surrogate: M5PFHxA	16.6		"	20.0		83.0	50-200				
Surrogate: M4PFHpA	17.9		"	20.0		89.7	50-200				
Surrogate: M3PFHxS	15.2		"	19.0		80.2	50-200				
Surrogate: M3PFBS	15.9		"	18.6		85.0	50-200				
Surrogate: M3HFPO-DA	19.9		"	20.0		99.7	50-200				
Surrogate: M2-8:2 FTS	78.2		"	76.8		102	50-200				
Surrogate: M2-6:2 FTS	75.6		"	76.0		99.5	50-200				
Surrogate: M2-4:2 FTS	64.3		"	75.2		85.5	50-200				

Duplicate (BD30827-DUP1)

*Source sample: 23D0102-05 (Blended Effluent GAC Ran to Waste)

Prepared: 04/12/2023 Analyzed: 04/13/2023

ADONA	ND	0.926	ng/L		ND						30
9CL-PF3ONS	ND	0.926	"		ND						30
11CL-PF3OUdS	ND	0.926	"		ND						30
HFPO-DA (Gen-X)	ND	0.926	"		ND						30
Perfluorobutanesulfonic acid (PFBS)	ND	0.926	"		ND						30
Perfluorodecanoic acid (PFDA)	ND	0.926	"		ND						30
Perfluorododecanoic acid (PFDoA)	ND	0.926	"		ND						30
Perfluoroheptanoic acid (PFHpA)	ND	0.926	"		ND						30
Perfluorohexanesulfonic acid (PFHxS)	ND	0.926	"		ND						30
Perfluorohexanoic acid (PFHxA)	0.746	0.926	"		0.737				1.19		30
Perfluorononanoic acid (PFNA)	ND	0.926	"		ND						30
Perfluorooctanesulfonic acid (PFOS)	ND	0.926	"		ND						30
Perfluorooctanoic acid (PFOA)	ND	0.926	"		ND						30
Perfluoroundecanoic acid (PFUnA)	ND	0.926	"		ND						30
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	0.926	"		ND						30
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.926	"		ND						30
Perfluoro-n-butanoic acid (PFBA)	5.79	0.926	"		6.20				6.82		30
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	1.85	"		ND						30
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	1.85	"		ND						30
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.926	"		ND						30
Perfluoropentanoic acid (PFPeA)	3.32	0.926	"		3.59				7.71		30
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.926	"		ND						30
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.926	"		ND						30
Perfluoro-3,6-dioxahexanoic acid (NFDHA)	ND	0.926	"		ND						30
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND	0.926	"		ND						30
Surrogate: MPFDoA	14.6		"	18.5		78.9	50-200				
Surrogate: MPFBA	16.9		"	18.5		91.0	50-200				
Surrogate: M9PFNA	16.6		"	18.5		89.8	50-200				
Surrogate: M8PFOS	17.2		"	17.7		96.8	50-200				
Surrogate: M8PFOA	16.0		"	18.5		86.4	50-200				
Surrogate: M7PFUdA	15.6		"	18.5		84.0	50-200				
Surrogate: M6PFDA	15.8		"	18.5		85.2	50-200				
Surrogate: M5PFPeA	15.0		"	18.5		81.2	50-200				
Surrogate: M5PFHxA	14.6		"	18.5		78.8	50-200				
Surrogate: M4PFHpA	17.1		"	18.5		92.3	50-200				
Surrogate: M3PFHxS	15.5		"	17.6		88.5	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	
Batch BD30827 - EPA 533												
Duplicate (BD30827-DUP1)		*Source sample: 23D0102-05 (Blended Effluent GAC Ran to Waste)						Prepared: 04/12/2023 Analyzed: 04/13/2023				
Surrogate: M3PFBS	15.6		ng/L	17.3		90.6	50-200					
Surrogate: M3HFPO-DA	17.0		"	18.5		91.8	50-200					
Surrogate: M2-8:2 FTS	77.9		"	71.1		110	50-200					
Surrogate: M2-6:2 FTS	73.1		"	70.4		104	50-200					
Surrogate: M2-4:2 FTS	64.8		"	69.6		93.0	50-200					
Matrix Spike (BD30827-MS1)		*Source sample: 23D0102-07 (Well 1-3 Ran to Waste)						Prepared: 04/12/2023 Analyzed: 04/13/2023				
ADONA	30.7	0.926	ng/L	35.0	ND	87.6	70-130					
9CL-PF3ONS	28.8	0.926	"	34.6	ND	83.4	70-130					
11CL-PF3OUdS	26.4	0.926	"	35.0	ND	75.6	70-130					
HFPO-DA (Gen-X)	43.6	0.926	"	37.0	ND	118	70-130					
Perfluorobutanesulfonic acid (PFBS)	38.3	0.926	"	32.9	3.64	105	70-130					
Perfluorodecanoic acid (PFDA)	37.6	0.926	"	37.0	ND	102	70-130					
Perfluorododecanoic acid (PFDoA)	34.3	0.926	"	37.0	ND	92.7	70-130					
Perfluoroheptanoic acid (PFHpA)	39.0	0.926	"	37.0	5.00	91.9	70-130					
Perfluorohexanesulfonic acid (PFHxS)	52.0	0.926	"	33.8	19.2	97.2	70-130					
Perfluorohexanoic acid (PFHxA)	44.7	0.926	"	37.0	7.94	99.2	70-130					
Perfluorononanoic acid (PFNA)	45.7	0.926	"	37.0	11.6	92.2	70-130					
Perfluorooctanesulfonic acid (PFOS)	43.1	0.926	"	34.4	13.1	87.3	70-130					
Perfluorooctanoic acid (PFOA)	43.1	0.926	"	37.0	6.88	97.8	70-130					
Perfluoroundecanoic acid (PFUnA)	44.5	0.926	"	37.0	7.34	100	70-130					
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	33.9	0.926	"	34.7	ND	97.5	70-130					
Perfluoro-1-pentanesulfonate (PFPeS)	33.4	0.926	"	34.8	1.48	91.6	70-130					
Perfluoro-n-butanoic acid (PFBA)	40.5	0.926	"	37.0	3.63	99.5	70-130					
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	34.5	1.85	"	35.6	ND	97.1	70-130					
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	40.1	1.85	"	35.3	ND	114	70-130					
Perfluoro-1-heptanesulfonic acid (PFHpS)	34.8	0.926	"	35.3	1.14	95.3	70-130					
Perfluoropentanoic acid (PFPeA)	45.3	0.926	"	37.0	8.08	101	70-130					
Perfluoro-5-oxahexanoic acid (PFMBA)	32.0	0.926	"	37.0	ND	86.3	70-130					
Perfluoro-4-oxapentanoic acid (PFMPA)	35.1	0.926	"	37.0	ND	94.6	70-130					
Perfluoro-3,6-dioxahexanoic acid (NFDHA)	38.7	0.926	"	37.0	ND	104	70-130					
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	32.0	0.926	"	33.0	ND	96.7	70-130					
Surrogate: MPFDoA	15.9		"	18.5		85.7	50-200					
Surrogate: MPFBA	18.3		"	18.5		98.6	50-200					
Surrogate: M9PFNA	19.4		"	18.5		105	50-200					
Surrogate: M8PFOS	17.4		"	17.7		98.3	50-200					
Surrogate: M8PFOA	18.3		"	18.5		98.6	50-200					
Surrogate: M7PFUdA	15.6		"	18.5		84.5	50-200					
Surrogate: M6PFDA	16.7		"	18.5		90.4	50-200					
Surrogate: M5PFPeA	15.9		"	18.5		85.6	50-200					
Surrogate: M5PFHxA	17.3		"	18.5		93.3	50-200					
Surrogate: M4PFHpA	19.8		"	18.5		107	50-200					
Surrogate: M3PFHxS	16.9		"	17.6		96.2	50-200					
Surrogate: M3PFBS	16.3		"	17.3		94.3	50-200					
Surrogate: M3HFPO-DA	17.2		"	18.5		92.7	50-200					
Surrogate: M2-8:2 FTS	63.0		"	71.1		88.6	50-200					
Surrogate: M2-6:2 FTS	74.4		"	70.4		106	50-200					
Surrogate: M2-4:2 FTS	83.4		"	69.6		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 BD30830 - EPA 537.1 SPE DVB

Blank (BD30830-BLK1)

Prepared: 04/12/2023 Analyzed: 04/14/2023

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>	<i>404</i>		<i>"</i>	<i>320</i>		<i>126</i>	<i>70-130</i>				
<i>Surrogate: MPFDA</i>	<i>95.3</i>		<i>"</i>	<i>80.0</i>		<i>119</i>	<i>70-130</i>				
<i>Surrogate: MPFHxA</i>	<i>92.9</i>		<i>"</i>	<i>80.0</i>		<i>116</i>	<i>70-130</i>				
<i>Surrogate: M3HFPO-DA</i>	<i>92.4</i>		<i>"</i>	<i>80.0</i>		<i>116</i>	<i>70-130</i>				

LCS (BD30830-BS1)

Prepared: 04/12/2023 Analyzed: 04/14/2023

Perfluorotridecanoic acid (PFTTrDA)	36.1	2.00	ng/L	40.0		90.4	70-130				
Perfluorotetradecanoic acid (PFTA)	41.3	2.00	"	40.0		103	70-130				
N-MeFOSAA	43.2	2.00	"	40.0		108	70-130				
N-EtFOSAA	46.2	2.00	"	40.0		115	70-130				
<i>Surrogate: d5-N-EtFOSAA</i>	<i>379</i>		<i>"</i>	<i>320</i>		<i>119</i>	<i>70-130</i>				
<i>Surrogate: MPFDA</i>	<i>79.0</i>		<i>"</i>	<i>80.0</i>		<i>98.8</i>	<i>70-130</i>				
<i>Surrogate: MPFHxA</i>	<i>81.3</i>		<i>"</i>	<i>80.0</i>		<i>102</i>	<i>70-130</i>				
<i>Surrogate: M3HFPO-DA</i>	<i>83.6</i>		<i>"</i>	<i>80.0</i>		<i>105</i>	<i>70-130</i>				

LCS (BD30830-BS2)

Prepared: 04/12/2023 Analyzed: 04/14/2023

Perfluorotridecanoic acid (PFTTrDA)	3.20	2.00	ng/L	4.00		80.0	70-130				
Perfluorotetradecanoic acid (PFTA)	4.08	2.00	"	4.00		102	70-130				
N-MeFOSAA	4.11	2.00	"	4.00		103	70-130				
N-EtFOSAA	4.35	2.00	"	4.00		109	70-130				
<i>Surrogate: d5-N-EtFOSAA</i>	<i>379</i>		<i>"</i>	<i>320</i>		<i>118</i>	<i>70-130</i>				
<i>Surrogate: MPFDA</i>	<i>78.7</i>		<i>"</i>	<i>80.0</i>		<i>98.4</i>	<i>70-130</i>				
<i>Surrogate: MPFHxA</i>	<i>77.3</i>		<i>"</i>	<i>80.0</i>		<i>96.6</i>	<i>70-130</i>				
<i>Surrogate: M3HFPO-DA</i>	<i>78.3</i>		<i>"</i>	<i>80.0</i>		<i>97.8</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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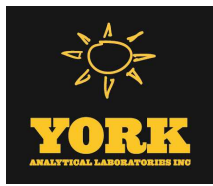
Batch BD30830 - EPA 537.1 SPE DVB

Duplicate (BD30830-DUP1)		*Source sample: 23D0516-01 (Duplicate)					Prepared: 04/12/2023 Analyzed: 04/14/2023	
Perfluorotridecanoic acid (PFTrDA)	ND	1.06	ng/L		ND			25
Perfluorotetradecanoic acid (PFTA)	ND	1.06	"		ND			25
N-MeFOSAA	ND	1.06	"		ND			25
N-EtFOSAA	ND	1.06	"		ND			25
<i>Surrogate: d5-N-EtFOSAA</i>	176		"	170		104	70-130	
<i>Surrogate: MPFDA</i>	47.2		"	42.6		111	70-130	
<i>Surrogate: MPFHxA</i>	44.0		"	42.6		103	70-130	
<i>Surrogate: M3HFPO-DA</i>	43.6		"	42.6		103	70-130	

Matrix Spike (BD30830-MS1)		*Source sample: 23D0518-02 (Matrix Spike)					Prepared: 04/12/2023 Analyzed: 04/15/2023	
Perfluorotridecanoic acid (PFTrDA)	42.8	1.43	ng/L	57.1	ND	74.9	70-130	
Perfluorotetradecanoic acid (PFTA)	45.0	1.43	"	57.1	ND	78.7	70-130	
N-MeFOSAA	56.4	1.43	"	57.1	ND	98.7	70-130	
N-EtFOSAA	56.0	1.43	"	57.1	ND	98.0	70-130	
<i>Surrogate: d5-N-EtFOSAA</i>	230		"	229		101	70-130	
<i>Surrogate: MPFDA</i>	56.7		"	57.1		99.1	70-130	
<i>Surrogate: MPFHxA</i>	52.3		"	57.1		91.6	70-130	
<i>Surrogate: M3HFPO-DA</i>	54.3		"	57.1		94.9	70-130	

Batch BD30922 - EPA 533

Blank (BD30922-BLK1)							Prepared: 04/13/2023 Analyzed: 04/14/2023	
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	"					
<i>Surrogate: MPFDoA</i>	5.29		"	20.0		26.4	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 BD30922 - EPA 533

Blank (BD30922-BLK1)

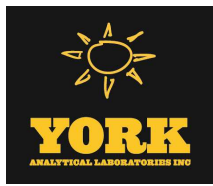
Prepared: 04/13/2023 Analyzed: 04/14/2023

Surrogate: MPFBA	67.4		ng/L	20.0		337	50-200				
Surrogate: M9PFNA	7.94		"	20.0		39.7	50-200				
Surrogate: M8PFOS	14.5		"	19.2		75.4	50-200				
Surrogate: M8PFOA	15.0		"	20.0		74.8	50-200				
Surrogate: M7PFUdA	6.13		"	20.0		30.7	50-200				
Surrogate: M6PFDA	7.29		"	20.0		36.4	50-200				
Surrogate: M5PFPeA	30.6		"	20.0		153	50-200				
Surrogate: M5PFHxA	16.1		"	20.0		80.4	50-200				
Surrogate: M4PFHpA	18.0		"	20.0		89.9	50-200				
Surrogate: M3PFHxS	14.1		"	19.0		74.4	50-200				
Surrogate: M3PFBS	14.9		"	18.6		79.9	50-200				
Surrogate: M3HFPO-DA	75.3		"	20.0		377	50-200				
Surrogate: M2-8:2 FTS	33.2		"	76.8		43.2	50-200				
Surrogate: M2-6:2 FTS	29.8		"	76.0		39.2	50-200				
Surrogate: M2-4:2 FTS	33.1		"	75.2		44.0	50-200				

LCS (BD30922-BS1)

Prepared: 04/13/2023 Analyzed: 04/14/2023

ADONA	18.4	1.00	ng/L	37.8		48.6	70-130	Low Bias			
9CL-PF3ONS	13.8	1.00	"	37.4		37.1	70-130	Low Bias			
11CL-PF3OUdS	12.7	1.00	"	37.8		33.6	70-130	Low Bias			
HFPO-DA (Gen-X)	4.19	1.00	"	40.0		10.5	70-130	Low Bias			
Perfluorobutanesulfonic acid (PFBS)	17.4	1.00	"	35.5		49.1	70-130	Low Bias			
Perfluorodecanoic acid (PFDA)	40.4	1.00	"	40.0		101	70-130				
Perfluorododecanoic acid (PFDoA)	36.1	1.00	"	40.0		90.4	70-130				
Perfluoroheptanoic acid (PFHpA)	20.3	1.00	"	40.0		50.7	70-130	Low Bias			
Perfluorohexanesulfonic acid (PFHxS)	19.8	1.00	"	36.5		54.2	70-130	Low Bias			
Perfluorohexanoic acid (PFHxA)	19.9	1.00	"	40.0		49.9	70-130	Low Bias			
Perfluorononanoic acid (PFNA)	33.5	1.00	"	40.0		83.8	70-130				
Perfluorooctanesulfonic acid (PFOS)	14.7	1.00	"	37.1		39.5	70-130	Low Bias			
Perfluorooctanoic acid (PFOA)	21.1	1.00	"	40.0		52.7	70-130	Low Bias			
Perfluoroundecanoic acid (PFUnA)	41.3	1.00	"	40.0		103	70-130				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	38.7	1.00	"	37.5		103	70-130				
Perfluoro-1-pentanesulfonate (PFPeS)	17.3	1.00	"	37.6		46.0	70-130	Low Bias			
Perfluoro-n-butanoic acid (PFBA)	4.55	1.00	"	40.0		11.4	70-130	Low Bias			
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	40.3	2.00	"	38.4		105	70-130				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	34.9	2.00	"	38.1		91.7	70-130				
Perfluoro-1-heptanesulfonic acid (PFHpS)	17.0	1.00	"	38.2		44.7	70-130	Low Bias			
Perfluoropentanoic acid (PFPeA)	9.31	1.00	"	40.0		23.3	70-130	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	4.30	1.00	"	40.0		10.8	70-130	Low Bias			
Perfluoro-4-oxapentanoic acid (PFMPA)	4.53	1.00	"	40.0		11.3	70-130	Low Bias			
Perfluoro-3,6-dioxahexanoic acid (NFDHA)	17.5	1.00	"	40.0		43.7	70-130	Low Bias			
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	16.6	1.00	"	35.7		46.5	70-130	Low Bias			
Surrogate: MPFDoA	5.89		"	20.0		29.5	50-200				
Surrogate: MPFBA	72.2		"	20.0		361	50-200				
Surrogate: M9PFNA	8.43		"	20.0		42.2	50-200				
Surrogate: M8PFOS	17.2		"	19.2		89.9	50-200				
Surrogate: M8PFOA	15.6		"	20.0		78.2	50-200				
Surrogate: M7PFUdA	6.00		"	20.0		30.0	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 BD30922 - EPA 533

LCS (BD30922-BS1)

Prepared: 04/13/2023 Analyzed: 04/14/2023

Surrogate: M6PFDA	6.96		ng/L	20.0		34.8	50-200				
Surrogate: M5PFPeA	32.9		"	20.0		165	50-200				
Surrogate: M5PFHxA	17.2		"	20.0		86.1	50-200				
Surrogate: M4PFHpA	17.0		"	20.0		84.9	50-200				
Surrogate: M3PFHxS	16.5		"	19.0		87.1	50-200				
Surrogate: M3PFBS	18.0		"	18.6		96.5	50-200				
Surrogate: M3HFPO-DA	84.7		"	20.0		423	50-200				
Surrogate: M2-8:2 FTS	28.1		"	76.8		36.6	50-200				
Surrogate: M2-6:2 FTS	31.7		"	76.0		41.7	50-200				
Surrogate: M2-4:2 FTS	33.6		"	75.2		44.7	50-200				

LCS (BD30922-BS2)

Prepared: 04/13/2023 Analyzed: 04/14/2023

ADONA	1.87	1.00	ng/L	1.89		99.1	70-130				
9CL-PF3ONS	1.62	1.00	"	1.87		86.6	70-130				
11CL-PF3OUdS	1.56	1.00	"	1.89		82.8	70-130				
HFPO-DA (Gen-X)	ND	1.00	"	2.00			70-130			Low Bias	
Perfluorobutanesulfonic acid (PFBS)	1.87	1.00	"	1.78		106	70-130				
Perfluorodecanoic acid (PFDA)	4.54	1.00	"	2.00		227	70-130			High Bias	
Perfluorododecanoic acid (PFDoA)	4.08	1.00	"	2.00		204	70-130			High Bias	
Perfluoroheptanoic acid (PFHpA)	2.06	1.00	"	2.00		103	70-130				
Perfluorohexanesulfonic acid (PFHxS)	1.76	1.00	"	1.82		96.3	70-130				
Perfluorohexanoic acid (PFHxA)	1.81	1.00	"	2.00		90.3	70-130				
Perfluorononanoic acid (PFNA)	3.41	1.00	"	2.00		170	70-130			High Bias	
Perfluorooctanesulfonic acid (PFOS)	1.56	1.00	"	1.86		83.8	70-130				
Perfluorooctanoic acid (PFOA)	2.08	1.00	"	2.00		104	70-130				
Perfluoroundecanoic acid (PFUnA)	4.30	1.00	"	2.00		215	70-130			High Bias	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	4.85	1.00	"	1.88		259	70-130			High Bias	
Perfluoro-1-pentanesulfonate (PFPeS)	2.16	1.00	"	1.88		115	70-130				
Perfluoro-n-butanoic acid (PFBA)	0.494	1.00	"	2.00		24.7	70-130			Low Bias	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	3.55	2.00	"	1.92		185	70-130			High Bias	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	3.68	2.00	"	1.90		193	70-130			High Bias	
Perfluoro-1-heptanesulfonic acid (PFHpS)	2.28	1.00	"	1.91		120	70-130				
Perfluoropentanoic acid (PFPeA)	0.948	1.00	"	2.00		47.4	70-130			Low Bias	
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.00	"	2.00			70-130			Low Bias	
Perfluoro-4-oxapentanoic acid (PFMPA)	0.462	1.00	"	2.00		23.1	70-130			Low Bias	
Perfluoro-3,6-dioxahexanoic acid (NFDHA)	2.26	1.00	"	2.00		113	70-130				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	1.68	1.00	"	1.78		94.1	70-130				
Surrogate: MPFDoA	6.22		"	20.0		31.1	50-200				
Surrogate: MPFBA	75.6		"	20.0		378	50-200				
Surrogate: M9PFNA	8.61		"	20.0		43.0	50-200				
Surrogate: M8PFOS	16.1		"	19.2		83.8	50-200				
Surrogate: M8PFOA	19.1		"	20.0		95.5	50-200				
Surrogate: M7PFUdA	6.40		"	20.0		32.0	50-200				
Surrogate: M6PFDA	7.03		"	20.0		35.2	50-200				
Surrogate: M5PFPeA	34.9		"	20.0		174	50-200				
Surrogate: M5PFHxA	18.9		"	20.0		94.6	50-200				
Surrogate: M4PFHpA	18.6		"	20.0		93.2	50-200				
Surrogate: M3PFHxS	17.0		"	19.0		89.9	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 BD30922 - EPA 533

LCS (BD30922-BS2)

Prepared: 04/13/2023 Analyzed: 04/14/2023

Surrogate: M3PFBS	18.3		ng/L	18.6		98.0	50-200				
Surrogate: M3HFPO-DA	80.4		"	20.0		402	50-200				
Surrogate: M2-8:2 FTS	32.6		"	76.8		42.5	50-200				
Surrogate: M2-6:2 FTS	35.2		"	76.0		46.4	50-200				
Surrogate: M2-4:2 FTS	36.3		"	75.2		48.2	50-200				

Duplicate (BD30922-DUP1)

*Source sample: 23D0102-19 (Blended Entry 3 Field)

Prepared: 04/13/2023 Analyzed: 04/14/2023

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)	ND	1.00	"		ND					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)	ND	1.00	"		ND					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	6.13		"	20.0		30.6	50-200				
Surrogate: MPFBA	78.1		"	20.0		390	50-200				
Surrogate: M9PFNA	9.43		"	20.0		47.1	50-200				
Surrogate: M8PFOS	16.2		"	19.2		84.4	50-200				
Surrogate: M8PFOA	18.1		"	20.0		90.6	50-200				
Surrogate: M7PFUdA	6.60		"	20.0		33.0	50-200				
Surrogate: M6PFDA	8.25		"	20.0		41.3	50-200				
Surrogate: M5PFPeA	33.6		"	20.0		168	50-200				
Surrogate: M5PFHxA	17.9		"	20.0		89.3	50-200				
Surrogate: M4PFHpA	19.3		"	20.0		96.6	50-200				
Surrogate: M3PFHxS	16.9		"	19.0		89.2	50-200				
Surrogate: M3PFBS	16.6		"	18.6		89.0	50-200				
Surrogate: M3HFPO-DA	85.4		"	20.0		427	50-200				
Surrogate: M2-8:2 FTS	40.2		"	76.8		52.3	50-200				
Surrogate: M2-6:2 FTS	47.5		"	76.0		62.5	50-200				
Surrogate: M2-4:2 FTS	45.8		"	75.2		60.9	50-200				



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

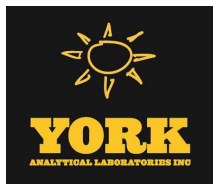
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD30922 - EPA 533

Matrix Spike (BD30922-MS1) *Source sample: 23D0102-21 (Well 4-1) Prepared: 04/13/2023 Analyzed: 04/14/2023

ADONA	38.9	1.00	ng/L	37.8	ND	103	70-130				
9CL-PF3ONS	32.4	1.00	"	37.4	ND	86.7	70-130				
11CL-PF3OUdS	30.6	1.00	"	37.8	ND	81.1	70-130				
HFPO-DA (Gen-X)	10.0	1.00	"	40.0	ND	25.1	70-130	Low Bias			
Perfluorobutanesulfonic acid (PFBS)	39.4	1.00	"	35.5	ND	111	70-130				
Perfluorodecanoic acid (PFDA)	88.7	1.00	"	40.0	ND	222	70-130	High Bias			
Perfluorododecanoic acid (PFDoA)	77.9	1.00	"	40.0	ND	195	70-130	High Bias			
Perfluoroheptanoic acid (PFHpA)	44.4	1.00	"	40.0	2.65	104	70-130				
Perfluorohexanesulfonic acid (PFHxS)	35.8	1.00	"	36.5	ND	98.1	70-130				
Perfluorohexanoic acid (PFHxA)	48.1	1.00	"	40.0	3.24	112	70-130				
Perfluorononanoic acid (PFNA)	82.3	1.00	"	40.0	ND	206	70-130	High Bias			
Perfluorooctanesulfonic acid (PFOS)	37.6	1.00	"	37.1	ND	101	70-130				
Perfluorooctanoic acid (PFOA)	43.8	1.00	"	40.0	ND	109	70-130				
Perfluoroundecanoic acid (PFUnA)	84.9	1.00	"	40.0	ND	212	70-130	High Bias			
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	78.4	1.00	"	37.5	ND	209	70-130	High Bias			
Perfluoro-1-pentanesulfonate (PFPeS)	36.8	1.00	"	37.6	ND	97.9	70-130				
Perfluoro-n-butanoic acid (PFBA)	10.7	1.00	"	40.0	0.393	25.8	70-130	Low Bias			
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	69.7	2.00	"	38.4	ND	182	70-130	High Bias			
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	79.0	2.00	"	38.1	ND	207	70-130	High Bias			
Perfluoro-1-heptanesulfonic acid (PFHpS)	40.6	1.00	"	38.2	ND	106	70-130				
Perfluoropentanoic acid (PFPeA)	23.6	1.00	"	40.0	2.66	52.4	70-130	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	8.68	1.00	"	40.0	ND	21.7	70-130	Low Bias			
Perfluoro-4-oxapentanoic acid (PFMPA)	9.82	1.00	"	40.0	ND	24.6	70-130	Low Bias			
Perfluoro-3,6-dioxahexanoic acid (NFDHA)	46.3	1.00	"	40.0	ND	116	70-130				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	38.1	1.00	"	35.7	ND	107	70-130				
Surrogate: MPFDoA	6.55		"	20.0		32.7	50-200				
Surrogate: MPFBA	75.0		"	20.0		375	50-200				
Surrogate: M9PFNA	8.85		"	20.0		44.2	50-200				
Surrogate: M8PFOS	16.8		"	19.2		87.6	50-200				
Surrogate: M8PFOA	17.1		"	20.0		85.4	50-200				
Surrogate: M7PFUdA	6.55		"	20.0		32.8	50-200				
Surrogate: M6PFDA	7.08		"	20.0		35.4	50-200				
Surrogate: M5PFPeA	31.7		"	20.0		159	50-200				
Surrogate: M5PFHxA	16.1		"	20.0		80.5	50-200				
Surrogate: M4PFHpA	17.4		"	20.0		87.0	50-200				
Surrogate: M3PFHxS	16.9		"	19.0		89.3	50-200				
Surrogate: M3PFBS	15.6		"	18.6		83.8	50-200				
Surrogate: M3HFPO-DA	74.9		"	20.0		374	50-200				
Surrogate: M2-8:2 FTS	30.9		"	76.8		40.3	50-200				
Surrogate: M2-6:2 FTS	42.4		"	76.0		55.8	50-200				
Surrogate: M2-4:2 FTS	44.6		"	75.2		59.3	50-200				



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

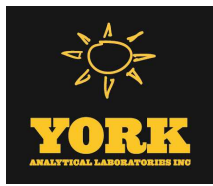
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD31068 - EPA 533

Blank (BD31068-BLK1)

Prepared: 04/17/2023 Analyzed: 04/19/2023

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	"								
<i>Surrogate: MPFDoA</i>	19.5		"	20.0		97.4	50-200				
<i>Surrogate: MPFBA</i>	21.0		"	20.0		105	50-200				
<i>Surrogate: M9PFNA</i>	21.3		"	20.0		106	50-200				
<i>Surrogate: M8PFOS</i>	20.4		"	19.2		107	50-200				
<i>Surrogate: M8PFOA</i>	21.4		"	20.0		107	50-200				
<i>Surrogate: M7PFUdA</i>	21.0		"	20.0		105	50-200				
<i>Surrogate: M6PFDA</i>	20.7		"	20.0		103	50-200				
<i>Surrogate: M5PFPeA</i>	21.6		"	20.0		108	50-200				
<i>Surrogate: M5PFHxA</i>	20.5		"	20.0		103	50-200				
<i>Surrogate: M4PFHpA</i>	22.3		"	20.0		112	50-200				
<i>Surrogate: M3PFHxS</i>	18.8		"	19.0		99.3	50-200				
<i>Surrogate: M3PFBS</i>	17.8		"	18.6		95.5	50-200				
<i>Surrogate: M3HFPO-DA</i>	20.4		"	20.0		102	50-200				
<i>Surrogate: M2-8:2 FTS</i>	98.8		"	76.8		129	50-200				
<i>Surrogate: M2-6:2 FTS</i>	91.9		"	76.0		121	50-200				
<i>Surrogate: M2-4:2 FTS</i>	84.8		"	75.2		113	50-200				



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

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

Batch BD31068 - EPA 533

LCS (BD31068-BS1)

Prepared: 04/17/2023 Analyzed: 04/19/2023

ADONA	17.9	1.00	ng/L	18.9		94.7		70-130			
9CL-PF3ONS	15.8	1.00	"	18.7		84.7		70-130			
11CL-PF3OUdS	16.7	1.00	"	18.9		88.4		70-130			
HFPO-DA (Gen-X)	20.8	1.00	"	20.0		104		70-130			
Perfluorobutanesulfonic acid (PFBS)	18.8	1.00	"	17.8		106		70-130			
Perfluorodecanoic acid (PFDA)	19.0	1.00	"	20.0		94.8		70-130			
Perfluorododecanoic acid (PFDoA)	20.5	1.00	"	20.0		103		70-130			
Perfluoroheptanoic acid (PFHpA)	19.2	1.00	"	20.0		95.9		70-130			
Perfluorohexanesulfonic acid (PFHxS)	17.8	1.00	"	18.2		97.8		70-130			
Perfluorohexanoic acid (PFHxA)	19.2	1.00	"	20.0		96.1		70-130			
Perfluorononanoic acid (PFNA)	18.7	1.00	"	20.0		93.3		70-130			
Perfluorooctanesulfonic acid (PFOS)	18.1	1.00	"	18.6		97.7		70-130			
Perfluorooctanoic acid (PFOA)	19.9	1.00	"	20.0		99.4		70-130			
Perfluoroundecanoic acid (PFUnA)	19.8	1.00	"	20.0		98.8		70-130			
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	17.6	1.00	"	18.8		93.8		70-130			
Perfluoro-1-pentanesulfonate (PFPeS)	17.4	1.00	"	18.8		92.7		70-130			
Perfluoro-n-butanoic acid (PFBA)	19.5	1.00	"	20.0		97.6		70-130			
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	20.9	2.00	"	19.2		109		70-130			
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	19.9	2.00	"	19.0		104		70-130			
Perfluoro-1-heptanesulfonic acid (PFHpS)	16.6	1.00	"	19.1		87.2		70-130			
Perfluoropentanoic acid (PFPeA)	19.1	1.00	"	20.0		95.7		70-130			
Perfluoro-5-oxahexanoic acid (PFMBA)	20.1	1.00	"	20.0		100		70-130			
Perfluoro-4-oxapentanoic acid (PFMPA)	20.0	1.00	"	20.0		100		70-130			
Perfluoro-3,6-dioxahexanoic acid (NFDHA)	18.6	1.00	"	20.0		92.9		70-130			
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	17.6	1.00	"	17.8		98.6		70-130			
Surrogate: MPFDoA	18.6		"	20.0		93.0		50-200			
Surrogate: MPFBA	18.9		"	20.0		94.7		50-200			
Surrogate: M9PFNA	20.1		"	20.0		100		50-200			
Surrogate: M8PFOS	18.4		"	19.2		95.9		50-200			
Surrogate: M8PFOA	18.9		"	20.0		94.6		50-200			
Surrogate: M7PFUdA	18.9		"	20.0		94.6		50-200			
Surrogate: M6PFDA	19.0		"	20.0		95.0		50-200			
Surrogate: M5PFPeA	19.5		"	20.0		97.5		50-200			
Surrogate: M5PFHxA	18.8		"	20.0		94.2		50-200			
Surrogate: M4PFHpA	19.6		"	20.0		97.9		50-200			
Surrogate: M3PFHxS	17.7		"	19.0		93.4		50-200			
Surrogate: M3PFBS	17.4		"	18.6		93.4		50-200			
Surrogate: M3HFPO-DA	18.0		"	20.0		90.2		50-200			
Surrogate: M2-8:2 FTS	102		"	76.8		132		50-200			
Surrogate: M2-6:2 FTS	86.7		"	76.0		114		50-200			
Surrogate: M2-4:2 FTS	81.7		"	75.2		109		50-200			



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

York Analytical Laboratories, Inc. - Stratford

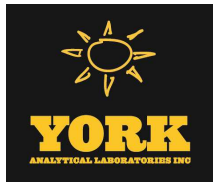
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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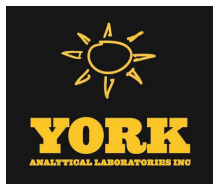
Batch BD31068 - EPA 533

LCS Dup (BD31068-BSD1)

Prepared: 04/17/2023 Analyzed: 04/19/2023

ADONA	18.4	1.00	ng/L	18.9		97.2	70-130		2.60	30	
9CL-PF3ONS	17.0	1.00	"	18.7		91.1	70-130		7.27	30	
11CL-PF3OUdS	15.4	1.00	"	18.9		81.5	70-130		8.15	30	
HFPO-DA (Gen-X)	21.3	1.00	"	20.0		106	70-130		2.41	30	
Perfluorobutanesulfonic acid (PFBS)	20.5	1.00	"	17.8		115	70-130		8.48	30	
Perfluorodecanoic acid (PFDA)	20.1	1.00	"	20.0		100	70-130		5.84	30	
Perfluorododecanoic acid (PFDoA)	20.3	1.00	"	20.0		101	70-130		1.41	30	
Perfluoroheptanoic acid (PFHpA)	20.1	1.00	"	20.0		100	70-130		4.42	30	
Perfluorohexanesulfonic acid (PFHxS)	20.2	1.00	"	18.2		111	70-130		12.5	30	
Perfluorohexanoic acid (PFHxA)	20.2	1.00	"	20.0		101	70-130		5.11	30	
Perfluorononanoic acid (PFNA)	19.9	1.00	"	20.0		99.6	70-130		6.59	30	
Perfluorooctanesulfonic acid (PFOS)	19.2	1.00	"	18.6		103	70-130		5.49	30	
Perfluorooctanoic acid (PFOA)	22.3	1.00	"	20.0		112	70-130		11.6	30	
Perfluoroundecanoic acid (PFUnA)	22.2	1.00	"	20.0		111	70-130		11.4	30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	18.3	1.00	"	18.8		97.6	70-130		3.94	30	
Perfluoro-1-pentanesulfonate (PFPeS)	20.0	1.00	"	18.8		107	70-130		13.8	30	
Perfluoro-n-butanoic acid (PFBA)	21.4	1.00	"	20.0		107	70-130		9.03	30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	22.2	2.00	"	19.2		116	70-130		6.04	30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	18.2	2.00	"	19.0		95.6	70-130		8.79	30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	18.7	1.00	"	19.1		98.2	70-130		11.8	30	
Perfluoropentanoic acid (PFPeA)	20.5	1.00	"	20.0		103	70-130		6.91	30	
Perfluoro-5-oxahexanoic acid (PFMBA)	21.5	1.00	"	20.0		107	70-130		6.94	30	
Perfluoro-4-oxapentanoic acid (PFMPA)	21.3	1.00	"	20.0		106	70-130		6.00	30	
Perfluoro-3,6-dioxahexanoic acid (NFDHA)	20.2	1.00	"	20.0		101	70-130		8.57	30	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	19.0	1.00	"	17.8		107	70-130		7.90	30	
Surrogate: MPFDoA	15.5		"	20.0		77.6	50-200				
Surrogate: MPFBA	18.8		"	20.0		93.8	50-200				
Surrogate: M9PFNA	19.6		"	20.0		97.9	50-200				
Surrogate: M8PFOS	17.7		"	19.2		92.5	50-200				
Surrogate: M8PFOA	18.4		"	20.0		92.0	50-200				
Surrogate: M7PFUdA	16.3		"	20.0		81.5	50-200				
Surrogate: M6PFDA	17.9		"	20.0		89.6	50-200				
Surrogate: M5PFPeA	19.6		"	20.0		97.8	50-200				
Surrogate: M5PFHxA	17.9		"	20.0		89.6	50-200				
Surrogate: M4PFHpA	19.3		"	20.0		96.4	50-200				
Surrogate: M3PFHxS	16.9		"	19.0		89.1	50-200				
Surrogate: M3PFBS	16.3		"	18.6		87.6	50-200				
Surrogate: M3HFPO-DA	17.7		"	20.0		88.3	50-200				
Surrogate: M2-8:2 FTS	95.4		"	76.8		124	50-200				
Surrogate: M2-6:2 FTS	82.5		"	76.0		109	50-200				
Surrogate: M2-4:2 FTS	78.7		"	75.2		105	50-200				



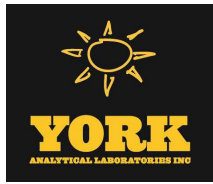


Sample and Data Qualifiers Relating to This Work Order

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.
PF-LCS-L	The LCS recovery was slightly below acceptable limits for the qualified compound. However, sample results are not biased low because results are corrected for isotope recovery.
PF-LCS-H	The LCS recovery was slightly above acceptable limits for the qualified compound. However, sample results are not biased high because results are corrected for isotope recovery.
PFAS-MSL	The recovery for this matrix spike compound was below control limits possibly due to matrix effects or non-homogeneity of the sample verses the native sample
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.





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.

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 23D0102 of 2

YOUR INFORMATION		Report To:		Invoice To:		YOUR PROJECT NUMBER		Turn-Around Time	
Hampton Bays Water District		Company:		Company:		RUSH - Next Day		RUSH - Next Day	
18B Ponquogue Avenue		Address:		Address:		RUSH - Two Day		RUSH - Two Day	
Hampton Bays, NY 11946		Phone:		Phone:		RUSH - Three Day		RUSH - Three Day	
631-728-0179		Contact:		Contact:		RUSH - Four Day		RUSH - Four Day	
Keith Tuthill		E-mail:		E-mail:		RUSH - Five Day		RUSH - Five Day	
ktuthilljr@southamptontownny.gov		YOUR PO#:		YOUR PO#:		Standard (6-9 Day)		Standard (6-9 Day)	
<p><i>Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.</i></p>		<p>Matrix Codes</p> <p>S - soil / solid GW - groundwater DW - drinking water WW - wastewater O - Oil Other:</p>		<p>Samples From</p> <p>New York New Jersey Connecticut Pennsylvania Other:</p>		<p>Report / EDD Type (circle selections)</p> <p>Summary Report CT RCP EQUIS (Standard) OA Report CT RCP DOA/DUE NYSDEC EQUIS CMDP NJDEP Reduced NJDKQP Standard Excel EDD Deliverables NJDEP SRP HazSite NY ASP B Package Other:</p>		<p>YORK Reg. Comp.</p> <p>Compared to the following Regulation(s): (please fill in)</p>	
<p>Samples Collected by: (print AND sign your name)</p>		<p>Sample Matrix</p>		<p>Date/Time Sampled</p>		<p>Analyses Requested</p>		<p>Container Type</p>	
Well 1-1		GW		4/4/23 7:30AM		537.1,533,Field Blank, 1:4 Dioxane			
Well 1-2		GW		4/4/23 7:45AM		537.1,533,Field Blank, 1:4 Dioxane			
Blended Effluent GAC		DW		4/4/23 8:00AM		537.1,533,Field Blank, 1:4 Dioxane			
Well 1-3		GW		4/4/23 8:15AM		537.1,533,Field Blank, 1:4 Dioxane			
Well 2-1		GW		4/4/23 8:35AM		537.1,533,Field Blank, 1:4 Dioxane			
Well 2-2		GW		4/4/23 8:50AM		537.1,533,Field Blank, 1:4 Dioxane			
Well 3-1		GW		4/4/23 9:10AM		537.1,533,Field Blank, 1:4 Dioxane			
Well 3-2		GW		4/4/23 9:40AM		537.1,533,Field Blank, 1:4 Dioxane			
Well 3-3		GW		4/4/23 9:55AM		537.1,533,Field Blank, 1:4 Dioxane			
Blended Entry 3 Field		DW		4/4/23 9:25AM		537.1,533,Field Blank			
<p>Comments:</p> <p>*Plan 2-1, 1-1, 1-2, 1-3, GAC ran to waste * Samples iced/chilled at time of lab pickup? circle Yes or No 1. Samples Received by / Company 2. Samples Relinquished by / Company 3. Samples Relinquished by / Company 4. Samples Received by / Company</p>		<p>Preservation: (check all that apply)</p> <p>HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other: ___</p>		<p>Special Instruction</p> <p>Field Filtered Lab to Filter</p>		<p>Date/Time Date/Time Date/Time Date/Time</p>		<p>Temperature Degrees C</p>	
<p>4/4/23 11:00am 4/4/23 12:00pm 4/4/23 1730</p>		<p>4/4/23 12:00pm 4/4/23 1730</p>		<p>4/4/23 12:00pm 4/4/23 1730</p>		<p>4/4/23 12:00pm 4/4/23 1730</p>		<p>4/4/23 12:00pm 4/4/23 1730</p>	

