

# Technical Report

for

# Emerging Contaminants

prepared for:

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

Report Date: 03/13/2024  
**Client Project ID: Well 2-1 through Well 5-1**  
York Project (SDG) No.: 24C0214

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

Report Date: 03/13/2024  
Client Project ID: Well 2-1 through Well 5-1  
York Project (SDG) No.: 24C0214

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

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## Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on March 05, 2024 and listed below. The project was identified as your project: **Well 2-1 through Well 5-1**.

The analyses were conducted utilizing appropriate EPA methods as detailed in the data summary tables.

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

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

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

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
24C0214-01	Well 2-1	Drinking Water	03/05/2024	03/05/2024
24C0214-02	Well 2-1 Field Blank	Drinking Water	03/05/2024	03/05/2024
24C0214-03	Well 2-2	Drinking Water	03/05/2024	03/05/2024
24C0214-04	Well 2-2 Field Blank	Drinking Water	03/05/2024	03/05/2024
24C0214-05	Well 3-1	Drinking Water	03/05/2024	03/05/2024
24C0214-06	Well 3-1 Field Blank	Drinking Water	03/05/2024	03/05/2024
24C0214-07	Well 3-2	Drinking Water	03/05/2024	03/05/2024
24C0214-08	Well 3-2 Field Blank	Drinking Water	03/05/2024	03/05/2024
24C0214-09	Well 4-1	Drinking Water	03/05/2024	03/05/2024
24C0214-10	Well 4-1 Field Blank	Drinking Water	03/05/2024	03/05/2024
24C0214-11	Well 5-1	Drinking Water	03/05/2024	03/05/2024
24C0214-12	Well 5-1 Field Blank	Drinking Water	03/05/2024	03/05/2024

## **General Notes for York Project (SDG) No.: 24C0214**

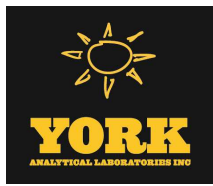
1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
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:** 03/13/2024





### Sample Information

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

**York Sample ID:** 24C0214-01

<u>York Project (SDG) No.</u> 24C0214	<u>Client Project ID</u> Well 2-1 through Well 5-1	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> March 5, 2024 8:20 am	<u>Date Received</u> 03/05/2024
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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	03/11/2024 11:19	KH
							Certifications: NELAC-NY10854		03/12/2024 15:43	
	<b>Surrogate Recoveries</b>	<b>Result</b>		<b>Acceptance Range</b>						
17647-74-4	Surrogate: 1,4-Dioxane-d8	76.0 %		70-130						

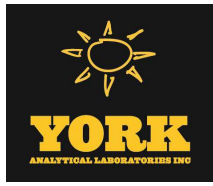
**PFAS, EPA 533 Target List**

**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	03/09/2024 09:27	AM
							Certifications: NELAC-NY12058		03/10/2024 19:32	
756426-58-1	9CL-PF3ONS	ND		-		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
							Certifications: NELAC-NY12058		03/10/2024 19:32	
763051-92-9	11CL-PF3OUdS	ND		-		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
							Certifications: NELAC-NY12058		03/10/2024 19:32	
13252-13-6	HFPO-DA (Gen-X)	ND		-		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
							Certifications: NELAC-NY12058		03/10/2024 19:32	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	1.75		-		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
							Certifications: NELAC-NY12058		03/10/2024 19:32	
335-76-2	Perfluorodecanoic acid (PFDA)	ND		10		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
							Certifications: NELAC-NY12058		03/10/2024 19:32	
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		-		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
							Certifications: NELAC-NY12058		03/10/2024 19:32	
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		10		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
							Certifications: NELAC-NY12058		03/10/2024 19:32	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	1.43		10		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
							Certifications: NELAC-NY12058		03/10/2024 19:32	
307-24-4	Perfluorohexanoic acid (PFHxA)	1.49		-		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
							Certifications: NELAC-NY12058		03/10/2024 19:32	
375-95-1	Perfluorononanoic acid (PFNA)	ND		10		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
							Certifications: NELAC-NY12058		03/10/2024 19:32	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		10		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
							Certifications: NELAC-NY12058		03/10/2024 19:32	
335-67-1	Perfluorooctanoic acid (PFOA)	1.14		10		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
							Certifications: NELAC-NY12058		03/10/2024 19:32	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		-		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
							Certifications: NELAC-NY12058		03/10/2024 19:32	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		-		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
							Certifications: NELAC-NY12058		03/10/2024 19:32	



### Sample Information

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

**York Sample ID:** 24C0214-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24C0214

Well 2-1 through Well 5-1

Drinking Water

March 5, 2024 8:20 am

03/05/2024

**PFAS, EPA 533 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 533

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level		Units	Reported to LOQ	Reference Method	Date/Time Prep/Anal	Analyst
				MCL						
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		-		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 19:32	
375-22-4	<b>Perfluoro-n-butanoic acid (PFBA)</b>	<b>1.11</b>		-		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 19:32	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		-		ng/L	1.85	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 19:32	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		-		ng/L	1.85	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 19:32	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		-		ng/L	1.85	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 19:32	
2706-90-3	<b>Perfluoropentanoic acid (PFPeA)</b>	<b>1.65</b>		-		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 19:32	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		-		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 19:32	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		-		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 19:32	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		-		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 19:32	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		-		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 19:32	

**Surrogate Recoveries**

**Result**

**Acceptance Range**

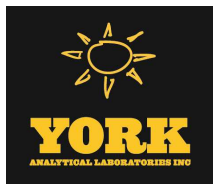
Surrogate: MPFDoA	72.3 %	50-200
Surrogate: MPFBA	93.2 %	50-200
Surrogate: M9PFNA	83.1 %	50-200
Surrogate: M8PFOS	91.8 %	50-200
Surrogate: M8PFOA	82.1 %	50-200
Surrogate: M7PFUdA	81.9 %	50-200
Surrogate: M6PFDA	96.3 %	50-200
Surrogate: M5PFPeA	93.8 %	50-200
Surrogate: M5PFHxA	84.3 %	50-200
Surrogate: M4PFHpA	79.0 %	50-200
Surrogate: M3PFHxS	90.3 %	50-200
Surrogate: M3PFBS	109 %	50-200
Surrogate: M3HFPO-DA	80.1 %	50-200
Surrogate: M2-8:2 FTS	97.6 %	50-200
Surrogate: M2-6:2 FTS	97.1 %	50-200
Surrogate: M2-4:2 FTS	110 %	50-200

**PFAS, EPA 537.1 UCMR5 List**

**Log-in Notes:**

**Sample Notes:**





### Sample Information

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

**York Sample ID:** 24C0214-01

<u>York Project (SDG) No.</u> 24C0214	<u>Client Project ID</u> Well 2-1 through Well 5-1	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> March 5, 2024 8:20 am	<u>Date Received</u> 03/05/2024
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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	1.85	EPA 537.1	03/10/2024 17:14	ESJ
							Certifications:	NELAC-NY12058	03/11/2024 20:17	
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		-		ng/L	1.85	EPA 537.1	03/10/2024 17:14	ESJ
							Certifications:	NELAC-NY12058	03/11/2024 20:17	
2355-31-9	N-MeFOSAA	ND		-		ng/L	1.85	EPA 537.1	03/10/2024 17:14	ESJ
							Certifications:	NELAC-NY12058	03/11/2024 20:17	
2991-50-6	N-EtFOSAA	ND		-		ng/L	1.85	EPA 537.1	03/10/2024 17:14	ESJ
							Certifications:	NELAC-NY12058	03/11/2024 20:17	
<b>Surrogate Recoveries</b>		<b>Result</b>		<b>Acceptance Range</b>						
	Surrogate: d5-N-EtFOSAA	64.1 %	PFSL	70-130						
	Surrogate: MPFDA	87.7 %		70-130						
	Surrogate: MPFHxA	66.1 %	PFSL	70-130						
	Surrogate: M3HFPO-DA	85.8 %		70-130						

### Sample Information

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

**York Sample ID:** 24C0214-02

<u>York Project (SDG) No.</u> 24C0214	<u>Client Project ID</u> Well 2-1 through Well 5-1	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> March 5, 2024 8:20 am	<u>Date Received</u> 03/05/2024
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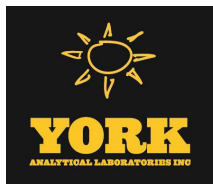
### PFAS, EPA 533 Target List

### 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	03/09/2024 09:27	AM
							Certifications:	NELAC-NY12058	03/10/2024 20:13	
756426-58-1	9CL-PF3ONS	ND		-		ng/L	0.833	EPA 533	03/09/2024 09:27	AM
							Certifications:	NELAC-NY12058	03/10/2024 20:13	
763051-92-9	11CL-PF3OUdS	ND		-		ng/L	0.833	EPA 533	03/09/2024 09:27	AM
							Certifications:	NELAC-NY12058	03/10/2024 20:13	
13252-13-6	HFPO-DA (Gen-X)	ND		-		ng/L	0.833	EPA 533	03/09/2024 09:27	AM
							Certifications:	NELAC-NY12058	03/10/2024 20:13	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		-		ng/L	0.833	EPA 533	03/09/2024 09:27	AM
							Certifications:	NELAC-NY12058	03/10/2024 20:13	
335-76-2	Perfluorodecanoic acid (PFDA)	ND		10		ng/L	0.833	EPA 533	03/09/2024 09:27	AM
							Certifications:	NELAC-NY12058	03/10/2024 20:13	
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		-		ng/L	0.833	EPA 533	03/09/2024 09:27	AM
							Certifications:	NELAC-NY12058	03/10/2024 20:13	
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		10		ng/L	0.833	EPA 533	03/09/2024 09:27	AM
							Certifications:	NELAC-NY12058	03/10/2024 20:13	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		10		ng/L	0.833	EPA 533	03/09/2024 09:27	AM
							Certifications:	NELAC-NY12058	03/10/2024 20:13	



### Sample Information

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

**York Sample ID:** 24C0214-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24C0214

Well 2-1 through Well 5-1

Drinking Water

March 5, 2024 8:20 am

03/05/2024

**PFAS, EPA 533 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 533

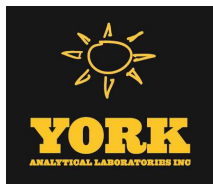
CAS No.	Parameter	Result	Flag	Maximum Contaminant Level		Units	Reported to LOQ	Reference Method	Date/Time Prep/Anal	Analyst
				MCL						
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		-		ng/L	0.833	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 20:13	
375-95-1	Perfluorononanoic acid (PFNA)	ND		10		ng/L	0.833	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 20:13	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		10		ng/L	0.833	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 20:13	
335-67-1	Perfluorooctanoic acid (PFOA)	ND		10		ng/L	0.833	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 20:13	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		-		ng/L	0.833	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 20:13	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		-		ng/L	0.833	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 20:13	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		-		ng/L	0.833	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 20:13	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		-		ng/L	0.833	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 20:13	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		-		ng/L	1.67	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 20:13	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		-		ng/L	1.67	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 20:13	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		-		ng/L	1.67	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 20:13	
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		-		ng/L	0.833	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 20:13	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		-		ng/L	0.833	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 20:13	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		-		ng/L	0.833	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 20:13	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		-		ng/L	0.833	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 20:13	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		-		ng/L	0.833	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 20:13	

**Surrogate Recoveries**

**Result**

**Acceptance Range**

Surrogate: MPFDoA	65.3 %	50-200
Surrogate: MPFBA	83.8 %	50-200
Surrogate: M9PFNA	68.6 %	50-200
Surrogate: M8PFOS	72.0 %	50-200
Surrogate: M8PFOA	75.0 %	50-200
Surrogate: M7PFUdA	70.2 %	50-200
Surrogate: M6PFDA	84.3 %	50-200
Surrogate: M5PFPeA	82.5 %	50-200
Surrogate: M5PFHxA	73.8 %	50-200



### Sample Information

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

**York Sample ID:** 24C0214-02

<u>York Project (SDG) No.</u> 24C0214	<u>Client Project ID</u> Well 2-1 through Well 5-1	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> March 5, 2024 8:20 am	<u>Date Received</u> 03/05/2024
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**PFAS, EPA 533 Target List**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 533

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level		Reported to LOQ	Reference Method	Date/Time Prep/Anal	Analyst
				MCL	Units				
	Surrogate: M4PFHpA	70.0 %		50-200					
	Surrogate: M3PFHxS	81.3 %		50-200					
	Surrogate: M3PFBS	86.0 %		50-200					
	Surrogate: M3HFPO-DA	102 %		50-200					
	Surrogate: M2-8:2 FTS	84.9 %		50-200					
	Surrogate: M2-6:2 FTS	74.2 %		50-200					
	Surrogate: M2-4:2 FTS	77.9 %		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		Reported to LOQ	Reference Method	Date/Time Prep/Anal	Analyst
				MCL	Units				
72629-94-8	Perfluorotridecanoic acid (PFTTrDA)	ND		-	ng/L	1.85	EPA 537.1	03/10/2024 17:14	ESJ
						Certifications: NELAC-NY12058		03/11/2024 20:42	
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		-	ng/L	1.85	EPA 537.1	03/10/2024 17:14	ESJ
						Certifications: NELAC-NY12058		03/11/2024 20:42	
2355-31-9	N-MeFOSAA	ND		-	ng/L	1.85	EPA 537.1	03/10/2024 17:14	ESJ
						Certifications: NELAC-NY12058		03/11/2024 20:42	
2991-50-6	N-EtFOSAA	ND		-	ng/L	1.85	EPA 537.1	03/10/2024 17:14	ESJ
						Certifications: NELAC-NY12058		03/11/2024 20:42	
	<b>Surrogate Recoveries</b>	<b>Result</b>		<b>Acceptance Range</b>					
	Surrogate: d5-N-EtFOSAA	75.7 %		70-130					
	Surrogate: MPFDA	104 %		70-130					
	Surrogate: MPFHxA	80.5 %		70-130					
	Surrogate: M3HFPO-DA	113 %		70-130					

### Sample Information

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

**York Sample ID:** 24C0214-03

<u>York Project (SDG) No.</u> 24C0214	<u>Client Project ID</u> Well 2-1 through Well 5-1	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> March 5, 2024 8:35 am	<u>Date Received</u> 03/05/2024
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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		Reported to LOQ	Reference Method	Date/Time Prep/Anal	Analyst
				MCL	Units				
123-91-1	1,4-Dioxane	ND		1	ug/L	0.200	EPA 522	03/06/2024 09:11	KH
						Certifications: NELAC-NY10854		03/08/2024 16:40	



### Sample Information

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

**York Sample ID:** 24C0214-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24C0214

Well 2-1 through Well 5-1

Drinking Water

March 5, 2024 8:35 am

03/05/2024

**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		Reported to LOQ	Reference Method	Date/Time Prep/Anal	Analyst
				MCL	Units				
	<b>Surrogate Recoveries</b>	<b>Result</b>		<b>Acceptance Range</b>					
17647-74-4	Surrogate: 1,4-Dioxane-d8	92.0 %		70-130					

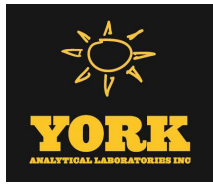
**PFAS, EPA 533 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 533

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level		Reported to LOQ	Reference Method	Date/Time Prep/Anal	Analyst
				MCL	Units				
919005-14-4	ADONA	ND		-	ng/L	0.926	EPA 533	03/09/2024 09:27	AM
						Certifications:	NELAC-NY12058	03/10/2024 20:26	
756426-58-1	9CL-PF3ONS	ND		-	ng/L	0.926	EPA 533	03/09/2024 09:27	AM
						Certifications:	NELAC-NY12058	03/10/2024 20:26	
763051-92-9	11CL-PF3OUdS	ND		-	ng/L	0.926	EPA 533	03/09/2024 09:27	AM
						Certifications:	NELAC-NY12058	03/10/2024 20:26	
13252-13-6	HFPO-DA (Gen-X)	ND		-	ng/L	0.926	EPA 533	03/09/2024 09:27	AM
						Certifications:	NELAC-NY12058	03/10/2024 20:26	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		-	ng/L	0.926	EPA 533	03/09/2024 09:27	AM
						Certifications:	NELAC-NY12058	03/10/2024 20:26	
335-76-2	Perfluorodecanoic acid (PFDA)	ND		10	ng/L	0.926	EPA 533	03/09/2024 09:27	AM
						Certifications:	NELAC-NY12058	03/10/2024 20:26	
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		-	ng/L	0.926	EPA 533	03/09/2024 09:27	AM
						Certifications:	NELAC-NY12058	03/10/2024 20:26	
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		10	ng/L	0.926	EPA 533	03/09/2024 09:27	AM
						Certifications:	NELAC-NY12058	03/10/2024 20:26	
355-46-4	<b>Perfluorohexanesulfonic acid (PFHxS)</b>	<b>0.930</b>		10	ng/L	0.926	EPA 533	03/09/2024 09:27	AM
						Certifications:	NELAC-NY12058	03/10/2024 20:26	
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		-	ng/L	0.926	EPA 533	03/09/2024 09:27	AM
						Certifications:	NELAC-NY12058	03/10/2024 20:26	
375-95-1	Perfluorononanoic acid (PFNA)	ND		10	ng/L	0.926	EPA 533	03/09/2024 09:27	AM
						Certifications:	NELAC-NY12058	03/10/2024 20:26	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		10	ng/L	0.926	EPA 533	03/09/2024 09:27	AM
						Certifications:	NELAC-NY12058	03/10/2024 20:26	
335-67-1	Perfluorooctanoic acid (PFOA)	ND		10	ng/L	0.926	EPA 533	03/09/2024 09:27	AM
						Certifications:	NELAC-NY12058	03/10/2024 20:26	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		-	ng/L	0.926	EPA 533	03/09/2024 09:27	AM
						Certifications:	NELAC-NY12058	03/10/2024 20:26	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		-	ng/L	0.926	EPA 533	03/09/2024 09:27	AM
						Certifications:	NELAC-NY12058	03/10/2024 20:26	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		-	ng/L	0.926	EPA 533	03/09/2024 09:27	AM
						Certifications:	NELAC-NY12058	03/10/2024 20:26	
375-22-4	<b>Perfluoro-n-butanoic acid (PFBA)</b>	<b>0.995</b>		-	ng/L	0.926	EPA 533	03/09/2024 09:27	AM
						Certifications:	NELAC-NY12058	03/10/2024 20:26	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		-	ng/L	1.85	EPA 533	03/09/2024 09:27	AM
						Certifications:	NELAC-NY12058	03/10/2024 20:26	



### Sample Information

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

**York Sample ID:** 24C0214-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24C0214

Well 2-1 through Well 5-1

Drinking Water

March 5, 2024 8:35 am

03/05/2024

**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	1.85	EPA 533	03/09/2024 09:27	AM
							Certifications:	NELAC-NY12058	03/10/2024 20:26	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		-		ng/L	1.85	EPA 533	03/09/2024 09:27	AM
							Certifications:	NELAC-NY12058	03/10/2024 20:26	
2706-90-3	<b>Perfluoropentanoic acid (PFPeA)</b>	<b>1.25</b>		-		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
							Certifications:	NELAC-NY12058	03/10/2024 20:26	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		-		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
							Certifications:	NELAC-NY12058	03/10/2024 20:26	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		-		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
							Certifications:	NELAC-NY12058	03/10/2024 20:26	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		-		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
							Certifications:	NELAC-NY12058	03/10/2024 20:26	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		-		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
							Certifications:	NELAC-NY12058	03/10/2024 20:26	

**Surrogate Recoveries**

**Result**

**Acceptance Range**

Surrogate: MPFDoA	68.8 %	50-200
Surrogate: MPFBA	91.5 %	50-200
Surrogate: M9PFNA	81.9 %	50-200
Surrogate: M8PFOS	100 %	50-200
Surrogate: M8PFOA	79.0 %	50-200
Surrogate: M7PFUdA	71.5 %	50-200
Surrogate: M6PFDA	90.8 %	50-200
Surrogate: M5PFPeA	90.9 %	50-200
Surrogate: M5PFHxA	81.5 %	50-200
Surrogate: M4PFHpA	78.6 %	50-200
Surrogate: M3PFHxS	92.0 %	50-200
Surrogate: M3PFBS	107 %	50-200
Surrogate: M3HFPO-DA	85.1 %	50-200
Surrogate: M2-8:2 FTS	88.9 %	50-200
Surrogate: M2-6:2 FTS	90.8 %	50-200
Surrogate: M2-4:2 FTS	100 %	50-200

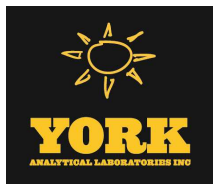
**PFAS, EPA 537.1 UCMR5 List**

**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	1.85	EPA 537.1	03/10/2024 17:14	ESJ
							Certifications:	NELAC-NY12058	03/11/2024 20:54	
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		-		ng/L	1.85	EPA 537.1	03/10/2024 17:14	ESJ
							Certifications:	NELAC-NY12058	03/11/2024 20:54	



### Sample Information

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

**York Sample ID:** 24C0214-03

<u>York Project (SDG) No.</u> 24C0214	<u>Client Project ID</u> Well 2-1 through Well 5-1	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> March 5, 2024 8:35 am	<u>Date Received</u> 03/05/2024
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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	1.85	EPA 537.1	03/10/2024 17:14	ESJ
							Certifications:	NELAC-NY12058	03/11/2024 20:54	
2991-50-6	N-EtFOSAA	ND		-		ng/L	1.85	EPA 537.1	03/10/2024 17:14	ESJ
							Certifications:	NELAC-NY12058	03/11/2024 20:54	
<b>Surrogate Recoveries</b>		<b>Result</b>		<b>Acceptance Range</b>						
	Surrogate: d5-N-EtFOSAA	69.3 %	PFSL	70-130						
	Surrogate: MPFDA	95.5 %		70-130						
	Surrogate: MPFHxA	66.3 %	PFSL	70-130						
	Surrogate: M3HFPO-DA	92.0 %		70-130						

### Sample Information

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

**York Sample ID:** 24C0214-04

<u>York Project (SDG) No.</u> 24C0214	<u>Client Project ID</u> Well 2-1 through Well 5-1	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> March 5, 2024 8:35 am	<u>Date Received</u> 03/05/2024
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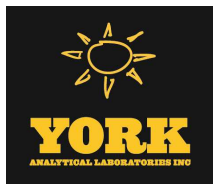
**PFAS, EPA 533 Target List**

**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	0.943	EPA 533	03/09/2024 09:27	AM
							Certifications:	NELAC-NY12058	03/10/2024 20:39	
756426-58-1	9CL-PF3ONS	ND		-		ng/L	0.943	EPA 533	03/09/2024 09:27	AM
							Certifications:	NELAC-NY12058	03/10/2024 20:39	
763051-92-9	11CL-PF3OUdS	ND		-		ng/L	0.943	EPA 533	03/09/2024 09:27	AM
							Certifications:	NELAC-NY12058	03/10/2024 20:39	
13252-13-6	HFPO-DA (Gen-X)	ND		-		ng/L	0.943	EPA 533	03/09/2024 09:27	AM
							Certifications:	NELAC-NY12058	03/10/2024 20:39	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		-		ng/L	0.943	EPA 533	03/09/2024 09:27	AM
							Certifications:	NELAC-NY12058	03/10/2024 20:39	
335-76-2	Perfluorodecanoic acid (PFDA)	ND		10		ng/L	0.943	EPA 533	03/09/2024 09:27	AM
							Certifications:	NELAC-NY12058	03/10/2024 20:39	
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		-		ng/L	0.943	EPA 533	03/09/2024 09:27	AM
							Certifications:	NELAC-NY12058	03/10/2024 20:39	
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		10		ng/L	0.943	EPA 533	03/09/2024 09:27	AM
							Certifications:	NELAC-NY12058	03/10/2024 20:39	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		10		ng/L	0.943	EPA 533	03/09/2024 09:27	AM
							Certifications:	NELAC-NY12058	03/10/2024 20:39	
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		-		ng/L	0.943	EPA 533	03/09/2024 09:27	AM
							Certifications:	NELAC-NY12058	03/10/2024 20:39	



### Sample Information

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

**York Sample ID:** 24C0214-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24C0214

Well 2-1 through Well 5-1

Drinking Water

March 5, 2024 8:35 am

03/05/2024

**PFAS, EPA 533 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 533

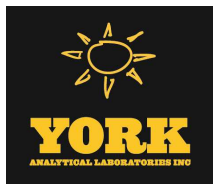
CAS No.	Parameter	Result	Flag	Maximum Contaminant Level		Units	Reported to LOQ	Reference Method	Date/Time Prep/Anal	Analyst
				MCL						
375-95-1	Perfluorononanoic acid (PFNA)	ND		10		ng/L	0.943	EPA 533	03/09/2024 09:27	AM
							Certifications:	NELAC-NY12058	03/10/2024 20:39	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		10		ng/L	0.943	EPA 533	03/09/2024 09:27	AM
							Certifications:	NELAC-NY12058	03/10/2024 20:39	
335-67-1	Perfluorooctanoic acid (PFOA)	ND		10		ng/L	0.943	EPA 533	03/09/2024 09:27	AM
							Certifications:	NELAC-NY12058	03/10/2024 20:39	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		-		ng/L	0.943	EPA 533	03/09/2024 09:27	AM
							Certifications:	NELAC-NY12058	03/10/2024 20:39	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		-		ng/L	0.943	EPA 533	03/09/2024 09:27	AM
							Certifications:	NELAC-NY12058	03/10/2024 20:39	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		-		ng/L	0.943	EPA 533	03/09/2024 09:27	AM
							Certifications:	NELAC-NY12058	03/10/2024 20:39	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		-		ng/L	0.943	EPA 533	03/09/2024 09:27	AM
							Certifications:	NELAC-NY12058	03/10/2024 20:39	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		-		ng/L	1.89	EPA 533	03/09/2024 09:27	AM
							Certifications:	NELAC-NY12058	03/10/2024 20:39	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		-		ng/L	1.89	EPA 533	03/09/2024 09:27	AM
							Certifications:	NELAC-NY12058	03/10/2024 20:39	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		-		ng/L	1.89	EPA 533	03/09/2024 09:27	AM
							Certifications:	NELAC-NY12058	03/10/2024 20:39	
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		-		ng/L	0.943	EPA 533	03/09/2024 09:27	AM
							Certifications:	NELAC-NY12058	03/10/2024 20:39	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		-		ng/L	0.943	EPA 533	03/09/2024 09:27	AM
							Certifications:	NELAC-NY12058	03/10/2024 20:39	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		-		ng/L	0.943	EPA 533	03/09/2024 09:27	AM
							Certifications:	NELAC-NY12058	03/10/2024 20:39	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		-		ng/L	0.943	EPA 533	03/09/2024 09:27	AM
							Certifications:	NELAC-NY12058	03/10/2024 20:39	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND		-		ng/L	0.943	EPA 533	03/09/2024 09:27	AM
							Certifications:	NELAC-NY12058	03/10/2024 20:39	

**Surrogate Recoveries**

**Result**

**Acceptance Range**

Surrogate: MPFDoA	64.4 %	50-200
Surrogate: MPFBA	82.1 %	50-200
Surrogate: M9PFNA	73.2 %	50-200
Surrogate: M8PFOS	74.6 %	50-200
Surrogate: M8PFOA	72.6 %	50-200
Surrogate: M7PFUdA	67.8 %	50-200
Surrogate: M6PFDA	82.9 %	50-200
Surrogate: M5PFPeA	80.3 %	50-200
Surrogate: M5PFHxA	68.6 %	50-200
Surrogate: M4PFHpA	71.9 %	50-200
Surrogate: M3PFHxS	82.0 %	50-200



### Sample Information

<b>Client Sample ID:</b> Well 2-2 Field Blank	<b>York Sample ID:</b> 24C0214-04			
<u>York Project (SDG) No.</u> 24C0214	<u>Client Project ID</u> Well 2-1 through Well 5-1	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> March 5, 2024 8:35 am	<u>Date Received</u> 03/05/2024

#### 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	91.6 %		50-200						
	Surrogate: M3HFPO-DA	77.3 %		50-200						
	Surrogate: M2-8:2 FTS	81.9 %		50-200						
	Surrogate: M2-6:2 FTS	79.8 %		50-200						
	Surrogate: M2-4:2 FTS	80.2 %		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	1.85	EPA 537.1	03/10/2024 17:14	ESJ
							Certifications: NELAC-NY12058		03/11/2024 21:18	
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		-		ng/L	1.85	EPA 537.1	03/10/2024 17:14	ESJ
							Certifications: NELAC-NY12058		03/11/2024 21:18	
2355-31-9	N-MeFOSAA	ND		-		ng/L	1.85	EPA 537.1	03/10/2024 17:14	ESJ
							Certifications: NELAC-NY12058		03/11/2024 21:18	
2991-50-6	N-EtFOSAA	ND		-		ng/L	1.85	EPA 537.1	03/10/2024 17:14	ESJ
							Certifications: NELAC-NY12058		03/11/2024 21:18	
	<b>Surrogate Recoveries</b>	<b>Result</b>		<b>Acceptance Range</b>						
	Surrogate: d5-N-EtFOSAA	104 %		70-130						
	Surrogate: MPFDA	107 %		70-130						
	Surrogate: MPFHxA	73.6 %		70-130						
	Surrogate: M3HFPO-DA	103 %		70-130						

### Sample Information

<b>Client Sample ID:</b> Well 3-1	<b>York Sample ID:</b> 24C0214-05			
<u>York Project (SDG) No.</u> 24C0214	<u>Client Project ID</u> Well 2-1 through Well 5-1	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> March 5, 2024 9:00 am	<u>Date Received</u> 03/05/2024

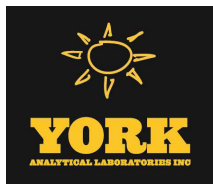
#### 1,4-Dioxane by GC/MS/SIM EPA 522

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA 522

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level		Units	Reported to LOQ	Reference Method	Date/Time Prep/Anal	Analyst
				MCL						
123-91-1	1,4-Dioxane	ND		1		ug/L	0.200	EPA 522	03/06/2024 09:11	KH
							Certifications: NELAC-NY10854		03/08/2024 16:48	
	<b>Surrogate Recoveries</b>	<b>Result</b>		<b>Acceptance Range</b>						
17647-74-4	Surrogate: 1,4-Dioxane-d8	96.0 %		70-130						



### Sample Information

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

**York Sample ID:** 24C0214-05

<u>York Project (SDG) No.</u> 24C0214	<u>Client Project ID</u> Well 2-1 through Well 5-1	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> March 5, 2024 9:00 am	<u>Date Received</u> 03/05/2024
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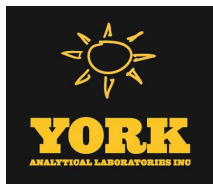
**PFAS, EPA 533 Target List**

**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	0.909	EPA 533	03/09/2024 09:27	AM
							Certifications: NELAC-NY12058		03/10/2024 20:51	
756426-58-1	9CL-PF3ONS	ND		-		ng/L	0.909	EPA 533	03/09/2024 09:27	AM
							Certifications: NELAC-NY12058		03/10/2024 20:51	
763051-92-9	11CL-PF3OUdS	ND		-		ng/L	0.909	EPA 533	03/09/2024 09:27	AM
							Certifications: NELAC-NY12058		03/10/2024 20:51	
13252-13-6	HFPO-DA (Gen-X)	ND		-		ng/L	0.909	EPA 533	03/09/2024 09:27	AM
							Certifications: NELAC-NY12058		03/10/2024 20:51	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		-		ng/L	0.909	EPA 533	03/09/2024 09:27	AM
							Certifications: NELAC-NY12058		03/10/2024 20:51	
335-76-2	Perfluorodecanoic acid (PFDA)	ND		10		ng/L	0.909	EPA 533	03/09/2024 09:27	AM
							Certifications: NELAC-NY12058		03/10/2024 20:51	
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		-		ng/L	0.909	EPA 533	03/09/2024 09:27	AM
							Certifications: NELAC-NY12058		03/10/2024 20:51	
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		10		ng/L	0.909	EPA 533	03/09/2024 09:27	AM
							Certifications: NELAC-NY12058		03/10/2024 20:51	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		10		ng/L	0.909	EPA 533	03/09/2024 09:27	AM
							Certifications: NELAC-NY12058		03/10/2024 20:51	
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		-		ng/L	0.909	EPA 533	03/09/2024 09:27	AM
							Certifications: NELAC-NY12058		03/10/2024 20:51	
375-95-1	Perfluorononanoic acid (PFNA)	ND		10		ng/L	0.909	EPA 533	03/09/2024 09:27	AM
							Certifications: NELAC-NY12058		03/10/2024 20:51	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		10		ng/L	0.909	EPA 533	03/09/2024 09:27	AM
							Certifications: NELAC-NY12058		03/10/2024 20:51	
335-67-1	Perfluorooctanoic acid (PFOA)	ND		10		ng/L	0.909	EPA 533	03/09/2024 09:27	AM
							Certifications: NELAC-NY12058		03/10/2024 20:51	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		-		ng/L	0.909	EPA 533	03/09/2024 09:27	AM
							Certifications: NELAC-NY12058		03/10/2024 20:51	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		-		ng/L	0.909	EPA 533	03/09/2024 09:27	AM
							Certifications: NELAC-NY12058		03/10/2024 20:51	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		-		ng/L	0.909	EPA 533	03/09/2024 09:27	AM
							Certifications: NELAC-NY12058		03/10/2024 20:51	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		-		ng/L	0.909	EPA 533	03/09/2024 09:27	AM
							Certifications: NELAC-NY12058		03/10/2024 20:51	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		-		ng/L	1.82	EPA 533	03/09/2024 09:27	AM
							Certifications: NELAC-NY12058		03/10/2024 20:51	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		-		ng/L	1.82	EPA 533	03/09/2024 09:27	AM
							Certifications: NELAC-NY12058		03/10/2024 20:51	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		-		ng/L	1.82	EPA 533	03/09/2024 09:27	AM
							Certifications: NELAC-NY12058		03/10/2024 20:51	
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		-		ng/L	0.909	EPA 533	03/09/2024 09:27	AM
							Certifications: NELAC-NY12058		03/10/2024 20:51	



### Sample Information

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

**York Sample ID:** 24C0214-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24C0214

Well 2-1 through Well 5-1

Drinking Water

March 5, 2024 9:00 am

03/05/2024

**PFAS, EPA 533 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 533

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level		Units	Reported to LOQ	Reference Method	Date/Time Prep/Anal	Analyst
				MCL						
863090-89-5	Perfluoro-5-oxaheptanoic acid (PFMBA)	ND		-		ng/L	0.909	EPA 533	03/09/2024 09:27	AM
							Certifications: NELAC-NY12058		03/10/2024 20:51	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		-		ng/L	0.909	EPA 533	03/09/2024 09:27	AM
							Certifications: NELAC-NY12058		03/10/2024 20:51	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		-		ng/L	0.909	EPA 533	03/09/2024 09:27	AM
							Certifications: NELAC-NY12058		03/10/2024 20:51	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		-		ng/L	0.909	EPA 533	03/09/2024 09:27	AM
							Certifications: NELAC-NY12058		03/10/2024 20:51	

**Surrogate Recoveries**

**Result**

**Acceptance Range**

Surrogate: MPFDoA	72.6 %	50-200
Surrogate: MPFBA	92.2 %	50-200
Surrogate: M9PFNA	84.5 %	50-200
Surrogate: M8PFOS	91.8 %	50-200
Surrogate: M8PFOA	86.2 %	50-200
Surrogate: M7PFUdA	78.4 %	50-200
Surrogate: M6PFDA	94.6 %	50-200
Surrogate: M5PFPeA	92.0 %	50-200
Surrogate: M5PFHxA	86.3 %	50-200
Surrogate: M4PFHpA	81.5 %	50-200
Surrogate: M3PFHxS	95.2 %	50-200
Surrogate: M3PFBS	109 %	50-200
Surrogate: M3HFPO-DA	101 %	50-200
Surrogate: M2-8:2 FTS	87.0 %	50-200
Surrogate: M2-6:2 FTS	98.3 %	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 (PFTTrDA)	ND		-		ng/L	1.82	EPA 537.1	03/11/2024 09:05	ER
							Certifications: NELAC-NY12058		03/13/2024 11:07	
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		-		ng/L	1.82	EPA 537.1	03/11/2024 09:05	ER
							Certifications: NELAC-NY12058		03/13/2024 11:07	
2355-31-9	N-MeFOSAA	ND		-		ng/L	1.82	EPA 537.1	03/11/2024 09:05	ER
							Certifications: NELAC-NY12058		03/13/2024 11:07	
2991-50-6	N-EtFOSAA	ND		-		ng/L	1.82	EPA 537.1	03/11/2024 09:05	ER
							Certifications: NELAC-NY12058		03/13/2024 11:07	

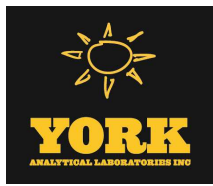
**Surrogate Recoveries**

**Result**

**Acceptance Range**

Surrogate: d5-N-EtFOSAA	76.5 %	70-130
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### Sample Information

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

**York Sample ID:** 24C0214-05

<u>York Project (SDG) No.</u> 24C0214	<u>Client Project ID</u> Well 2-1 through Well 5-1	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> March 5, 2024 9:00 am	<u>Date Received</u> 03/05/2024
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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: MPFDA	115 %		70-130						
	Surrogate: MPFHxA	89.9 %		70-130						
	Surrogate: M3HFPO-DA	142 %	PFSH	70-130						

### Sample Information

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

**York Sample ID:** 24C0214-06

<u>York Project (SDG) No.</u> 24C0214	<u>Client Project ID</u> Well 2-1 through Well 5-1	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> March 5, 2024 9:00 am	<u>Date Received</u> 03/05/2024
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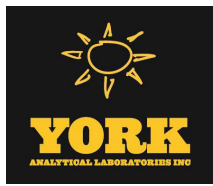
**PFAS, EPA 533 Target List**

**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	0.943	EPA 533 Certifications: NELAC-NY12058	03/09/2024 09:27 03/10/2024 21:04	AM
756426-58-1	9CL-PF3ONS	ND		-		ng/L	0.943	EPA 533 Certifications: NELAC-NY12058	03/09/2024 09:27 03/10/2024 21:04	AM
763051-92-9	11CL-PF3OUdS	ND		-		ng/L	0.943	EPA 533 Certifications: NELAC-NY12058	03/09/2024 09:27 03/10/2024 21:04	AM
13252-13-6	HFPO-DA (Gen-X)	ND		-		ng/L	0.943	EPA 533 Certifications: NELAC-NY12058	03/09/2024 09:27 03/10/2024 21:04	AM
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		-		ng/L	0.943	EPA 533 Certifications: NELAC-NY12058	03/09/2024 09:27 03/10/2024 21:04	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		10		ng/L	0.943	EPA 533 Certifications: NELAC-NY12058	03/09/2024 09:27 03/10/2024 21:04	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		-		ng/L	0.943	EPA 533 Certifications: NELAC-NY12058	03/09/2024 09:27 03/10/2024 21:04	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		10		ng/L	0.943	EPA 533 Certifications: NELAC-NY12058	03/09/2024 09:27 03/10/2024 21:04	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		10		ng/L	0.943	EPA 533 Certifications: NELAC-NY12058	03/09/2024 09:27 03/10/2024 21:04	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		-		ng/L	0.943	EPA 533 Certifications: NELAC-NY12058	03/09/2024 09:27 03/10/2024 21:04	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		10		ng/L	0.943	EPA 533 Certifications: NELAC-NY12058	03/09/2024 09:27 03/10/2024 21:04	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		10		ng/L	0.943	EPA 533 Certifications: NELAC-NY12058	03/09/2024 09:27 03/10/2024 21:04	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		10		ng/L	0.943	EPA 533 Certifications: NELAC-NY12058	03/09/2024 09:27 03/10/2024 21:04	AM



### Sample Information

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

**York Sample ID:** 24C0214-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24C0214

Well 2-1 through Well 5-1

Drinking Water

March 5, 2024 9:00 am

03/05/2024

**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	0.943	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 21:04	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		-		ng/L	0.943	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 21:04	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		-		ng/L	0.943	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 21:04	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		-		ng/L	0.943	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 21:04	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		-		ng/L	1.89	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 21:04	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		-		ng/L	1.89	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 21:04	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		-		ng/L	1.89	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 21:04	
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		-		ng/L	0.943	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 21:04	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		-		ng/L	0.943	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 21:04	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		-		ng/L	0.943	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 21:04	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		-		ng/L	0.943	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 21:04	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		-		ng/L	0.943	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 21:04	

**Surrogate Recoveries**

**Result**

**Acceptance Range**

Surrogate: MPFDoA	69.2 %	50-200
Surrogate: MPFBA	90.6 %	50-200
Surrogate: M9PFNA	78.9 %	50-200
Surrogate: M8PFOS	94.5 %	50-200
Surrogate: M8PFOA	83.8 %	50-200
Surrogate: M7PFUdA	73.8 %	50-200
Surrogate: M6PFDA	90.6 %	50-200
Surrogate: M5PFPeA	89.0 %	50-200
Surrogate: M5PFHxA	80.0 %	50-200
Surrogate: M4PFHpA	72.1 %	50-200
Surrogate: M3PFHxS	92.0 %	50-200
Surrogate: M3PFBS	94.7 %	50-200
Surrogate: M3HFPO-DA	73.0 %	50-200
Surrogate: M2-8:2 FTS	91.4 %	50-200
Surrogate: M2-6:2 FTS	83.3 %	50-200
Surrogate: M2-4:2 FTS	84.7 %	50-200



### Sample Information

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

**York Sample ID:** 24C0214-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24C0214

Well 2-1 through Well 5-1

Drinking Water

March 5, 2024 9:00 am

03/05/2024

**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	1.82	EPA 537.1	03/11/2024 09:05	ER
							Certifications: NELAC-NY12058		03/13/2024 11:33	
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		-		ng/L	1.82	EPA 537.1	03/11/2024 09:05	ER
							Certifications: NELAC-NY12058		03/13/2024 11:33	
2355-31-9	N-MeFOSAA	ND		-		ng/L	1.82	EPA 537.1	03/11/2024 09:05	ER
							Certifications: NELAC-NY12058		03/13/2024 11:33	
2991-50-6	N-EtFOSAA	ND		-		ng/L	1.82	EPA 537.1	03/11/2024 09:05	ER
							Certifications: NELAC-NY12058		03/13/2024 11:33	
<b>Surrogate Recoveries</b>		<b>Result</b>		<b>Acceptance Range</b>						
	Surrogate: d5-N-EtFOSAA	90.8 %		70-130						
	Surrogate: MPFDA	141 %	PFSH	70-130						
	Surrogate: MPFHxA	91.4 %		70-130						
	Surrogate: M3HFPO-DA	138 %	PFSH	70-130						

### Sample Information

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

**York Sample ID:** 24C0214-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24C0214

Well 2-1 through Well 5-1

Drinking Water

March 5, 2024 9:15 am

03/05/2024

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

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 522

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level		Units	Reported to LOQ	Reference Method	Date/Time Prep/Anal	Analyst
				MCL						
123-91-1	1,4-Dioxane	ND		1		ug/L	0.200	EPA 522	03/06/2024 09:11	KH
							Certifications: NELAC-NY10854		03/08/2024 16:56	
<b>Surrogate Recoveries</b>		<b>Result</b>		<b>Acceptance Range</b>						
17647-74-4	Surrogate: 1,4-Dioxane-d8	84.0 %		70-130						

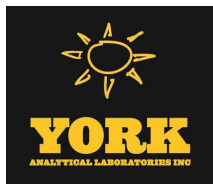
**PFAS, EPA 533 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 533

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level		Units	Reported to LOQ	Reference Method	Date/Time Prep/Anal	Analyst
				MCL						
919005-14-4	ADONA	ND		-		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
							Certifications: NELAC-NY12058		03/10/2024 21:17	
756426-58-1	9CL-PF3ONS	ND		-		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
							Certifications: NELAC-NY12058		03/10/2024 21:17	



### Sample Information

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

**York Sample ID:** 24C0214-07

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

24C0214

Well 2-1 through Well 5-1

Drinking Water

March 5, 2024 9:15 am

03/05/2024

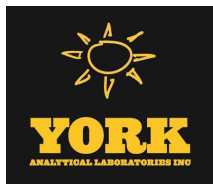
**PFAS, EPA 533 Target List**

**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	0.926	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 21:17	
13252-13-6	HFPO-DA (Gen-X)	ND		-		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 21:17	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		-		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 21:17	
335-76-2	Perfluorodecanoic acid (PFDA)	ND		10		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 21:17	
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		-		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 21:17	
375-85-9	<b>Perfluoroheptanoic acid (PFHpA)</b>	<b>1.21</b>	<b>PF-LCS-H</b>	10		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 21:17	
355-46-4	<b>Perfluorohexanesulfonic acid (PFHxS)</b>	<b>4.44</b>		10		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 21:17	
307-24-4	<b>Perfluorohexanoic acid (PFHxA)</b>	<b>1.57</b>		-		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 21:17	
375-95-1	<b>Perfluorononanoic acid (PFNA)</b>	<b>2.58</b>		10		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 21:17	
1763-23-1	<b>Perfluorooctanesulfonic acid (PFOS)</b>	<b>9.93</b>		10		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 21:17	
335-67-1	<b>Perfluorooctanoic acid (PFOA)</b>	<b>1.95</b>		10		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 21:17	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		-		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 21:17	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		-		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 21:17	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		-		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 21:17	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		-		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 21:17	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		-		ng/L	1.85	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 21:17	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		-		ng/L	1.85	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 21:17	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		-		ng/L	1.85	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 21:17	
2706-90-3	<b>Perfluoropentanoic acid (PFPeA)</b>	<b>1.67</b>		-		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 21:17	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		-		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 21:17	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		-		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 21:17	



### Sample Information

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

**York Sample ID:** 24C0214-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24C0214

Well 2-1 through Well 5-1

Drinking Water

March 5, 2024 9:15 am

03/05/2024

**PFAS, EPA 533 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 533

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level		Units	Reported to LOQ	Reference Method	Date/Time Prep/Anal	Analyst
				MCL						
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		-		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
							Certifications: NELAC-NY12058		03/10/2024 21:17	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		-		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
							Certifications: NELAC-NY12058		03/10/2024 21:17	
	<b>Surrogate Recoveries</b>	<b>Result</b>		<b>Acceptance Range</b>						
	Surrogate: MPFDoA	75.0 %		50-200						
	Surrogate: MPFBA	90.3 %		50-200						
	Surrogate: M9PFNA	81.5 %		50-200						
	Surrogate: M8PFOS	88.5 %		50-200						
	Surrogate: M8PFOA	80.8 %		50-200						
	Surrogate: M7PFUdA	79.9 %		50-200						
	Surrogate: M6PFDA	87.2 %		50-200						
	Surrogate: M5PFPeA	89.4 %		50-200						
	Surrogate: M5PFHxA	79.8 %		50-200						
	Surrogate: M4PFHpA	73.5 %		50-200						
	Surrogate: M3PFHxS	94.4 %		50-200						
	Surrogate: M3PFBS	105 %		50-200						
	Surrogate: M3HFPO-DA	83.4 %		50-200						
	Surrogate: M2-8:2 FTS	89.8 %		50-200						
	Surrogate: M2-6:2 FTS	98.1 %		50-200						
	Surrogate: M2-4:2 FTS	124 %		50-200						

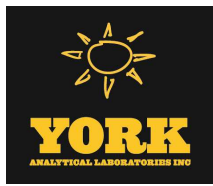
**PFAS, EPA 537.1 UCMR5 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 537.1 SPE DVB

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level		Units	Reported to LOQ	Reference Method	Date/Time Prep/Anal	Analyst
				MCL						
72629-94-8	Perfluorotridecanoic acid (PFTTrDA)	ND		-		ng/L	1.92	EPA 537.1	03/11/2024 09:05	ER
							Certifications: NELAC-NY12058		03/13/2024 11:46	
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		-		ng/L	1.92	EPA 537.1	03/11/2024 09:05	ER
							Certifications: NELAC-NY12058		03/13/2024 11:46	
2355-31-9	N-MeFOSAA	ND		-		ng/L	1.92	EPA 537.1	03/11/2024 09:05	ER
							Certifications: NELAC-NY12058		03/13/2024 11:46	
2991-50-6	N-EtFOSAA	ND		-		ng/L	1.92	EPA 537.1	03/11/2024 09:05	ER
							Certifications: NELAC-NY12058		03/13/2024 11:46	
	<b>Surrogate Recoveries</b>	<b>Result</b>		<b>Acceptance Range</b>						
	Surrogate: d5-N-EtFOSAA	98.1 %		70-130						
	Surrogate: MPFDA	139 %	PFSH	70-130						
	Surrogate: MPFHxA	105 %		70-130						
	Surrogate: M3HFPO-DA	162 %	PFSH	70-130						



### Sample Information

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

**York Sample ID:** 24C0214-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24C0214

Well 2-1 through Well 5-1

Drinking Water

March 5, 2024 9:15 am

03/05/2024

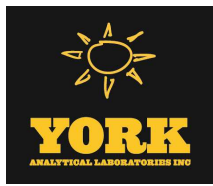
**PFAS, EPA 533 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 533

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level		Units	Reported to LOQ	Reference Method	Date/Time Prep/Anal	Analyst
				MCL						
919005-14-4	ADONA	ND		-		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 21:43	
756426-58-1	9CL-PF3ONS	ND		-		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 21:43	
763051-92-9	11CL-PF3OUdS	ND		-		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 21:43	
13252-13-6	HFPO-DA (Gen-X)	ND		-		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 21:43	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		-		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 21:43	
335-76-2	Perfluorodecanoic acid (PFDA)	ND		10		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 21:43	
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		-		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 21:43	
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		10		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 21:43	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		10		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 21:43	
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		-		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 21:43	
375-95-1	Perfluorononanoic acid (PFNA)	ND		10		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 21:43	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		10		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 21:43	
335-67-1	Perfluorooctanoic acid (PFOA)	ND		10		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 21:43	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		-		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 21:43	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		-		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 21:43	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		-		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 21:43	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		-		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 21:43	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		-		ng/L	1.85	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 21:43	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		-		ng/L	1.85	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 21:43	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		-		ng/L	1.85	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 21:43	
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		-		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 21:43	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		-		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 21:43	



### Sample Information

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

**York Sample ID:** 24C0214-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24C0214

Well 2-1 through Well 5-1

Drinking Water

March 5, 2024 9:15 am

03/05/2024

**PFAS, EPA 533 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 533

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level		Units	Reported to LOQ	Reference Method	Date/Time Prep/Anal	Analyst
				MCL						
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		-		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
							Certifications: NELAC-NY12058		03/10/2024 21:43	
151772-58-6	Perfluoro-3,6-dioxahexanoic acid (NFDHA)	ND		-		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
							Certifications: NELAC-NY12058		03/10/2024 21:43	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		-		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
							Certifications: NELAC-NY12058		03/10/2024 21:43	
	<b>Surrogate Recoveries</b>	<b>Result</b>		<b>Acceptance Range</b>						
	Surrogate: MPFDoA	76.7 %		50-200						
	Surrogate: MPFBA	83.2 %		50-200						
	Surrogate: M9PFNA	72.9 %		50-200						
	Surrogate: M8PFOS	85.3 %		50-200						
	Surrogate: M8PFOA	80.7 %		50-200						
	Surrogate: M7PFUdA	82.0 %		50-200						
	Surrogate: M6PFDA	88.4 %		50-200						
	Surrogate: M5PFPeA	79.1 %		50-200						
	Surrogate: M5PFHxA	75.4 %		50-200						
	Surrogate: M4PFHpA	74.6 %		50-200						
	Surrogate: M3PFHxS	83.2 %		50-200						
	Surrogate: M3PFBS	78.6 %		50-200						
	Surrogate: M3HFPO-DA	72.1 %		50-200						
	Surrogate: M2-8:2 FTS	99.6 %		50-200						
	Surrogate: M2-6:2 FTS	79.5 %		50-200						
	Surrogate: M2-4:2 FTS	82.1 %		50-200						

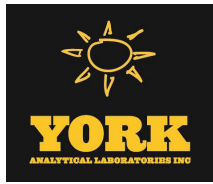
**PFAS, EPA 537.1 UCMR5 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 537.1 SPE DVB

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level		Units	Reported to LOQ	Reference Method	Date/Time Prep/Anal	Analyst
				MCL						
72629-94-8	Perfluorotridecanoic acid (PFTTrDA)	ND		-		ng/L	1.82	EPA 537.1	03/11/2024 09:05	ER
							Certifications: NELAC-NY12058		03/13/2024 12:25	
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		-		ng/L	1.82	EPA 537.1	03/11/2024 09:05	ER
							Certifications: NELAC-NY12058		03/13/2024 12:25	
2355-31-9	N-MeFOSAA	ND		-		ng/L	1.82	EPA 537.1	03/11/2024 09:05	ER
							Certifications: NELAC-NY12058		03/13/2024 12:25	
2991-50-6	N-EtFOSAA	ND		-		ng/L	1.82	EPA 537.1	03/11/2024 09:05	ER
							Certifications: NELAC-NY12058		03/13/2024 12:25	
	<b>Surrogate Recoveries</b>	<b>Result</b>		<b>Acceptance Range</b>						
	Surrogate: d5-N-EtFOSAA	60.4 %	PFSL	70-130						
	Surrogate: MPFDA	116 %		70-130						
	Surrogate: MPFHxA	96.6 %		70-130						



### Sample Information

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

**York Sample ID:** 24C0214-08

<u>York Project (SDG) No.</u> 24C0214	<u>Client Project ID</u> Well 2-1 through Well 5-1	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> March 5, 2024 9:15 am	<u>Date Received</u> 03/05/2024
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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		Reported to LOQ	Reference Method	Date/Time Prep/Anal	Analyst
				MCL	Units				
	<i>Surrogate: M3HFPO-DA</i>	146 %	PFSH	70-130					

### Sample Information

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

**York Sample ID:** 24C0214-09

<u>York Project (SDG) No.</u> 24C0214	<u>Client Project ID</u> Well 2-1 through Well 5-1	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> March 5, 2024 9:55 am	<u>Date Received</u> 03/05/2024
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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		Reported to LOQ	Reference Method	Date/Time Prep/Anal	Analyst
				MCL	Units				
123-91-1	1,4-Dioxane	ND		1	ug/L	0.200	EPA 522	03/06/2024 09:11	KH
	<b>Surrogate Recoveries</b>	<b>Result</b>		<b>Acceptance Range</b>					
17647-74-4	<i>Surrogate: 1,4-Dioxane-d8</i>	72.0 %		70-130			NELAC-NY10854	03/08/2024 17:05	

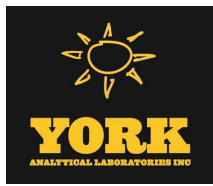
**PFAS, EPA 533 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 533

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level		Reported to LOQ	Reference Method	Date/Time Prep/Anal	Analyst
				MCL	Units				
919005-14-4	ADONA	ND		-	ng/L	0.926	EPA 533	03/09/2024 09:27	AM
							NELAC-NY12058	03/10/2024 21:56	
756426-58-1	9CL-PF3ONS	ND		-	ng/L	0.926	EPA 533	03/09/2024 09:27	AM
							NELAC-NY12058	03/10/2024 21:56	
763051-92-9	11CL-PF3OUdS	ND		-	ng/L	0.926	EPA 533	03/09/2024 09:27	AM
							NELAC-NY12058	03/10/2024 21:56	
13252-13-6	HFPO-DA (Gen-X)	ND		-	ng/L	0.926	EPA 533	03/09/2024 09:27	AM
							NELAC-NY12058	03/10/2024 21:56	
375-73-5	<b>Perfluorobutanesulfonic acid (PFBS)</b>	<b>1.10</b>		-	ng/L	0.926	EPA 533	03/09/2024 09:27	AM
							NELAC-NY12058	03/10/2024 21:56	
335-76-2	Perfluorodecanoic acid (PFDA)	ND		10	ng/L	0.926	EPA 533	03/09/2024 09:27	AM
							NELAC-NY12058	03/10/2024 21:56	
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		-	ng/L	0.926	EPA 533	03/09/2024 09:27	AM
							NELAC-NY12058	03/10/2024 21:56	
375-85-9	<b>Perfluoroheptanoic acid (PFHpA)</b>	<b>1.17</b>	<b>PF-LCS-H</b>	10	ng/L	0.926	EPA 533	03/09/2024 09:27	AM
							NELAC-NY12058	03/10/2024 21:56	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		10	ng/L	0.926	EPA 533	03/09/2024 09:27	AM
							NELAC-NY12058	03/10/2024 21:56	



### Sample Information

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

**York Sample ID:** 24C0214-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24C0214

Well 2-1 through Well 5-1

Drinking Water

March 5, 2024 9:55 am

03/05/2024

**PFAS, EPA 533 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 533

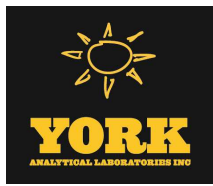
CAS No.	Parameter	Result	Flag	Maximum Contaminant Level		Units	Reported to LOQ	Reference Method	Date/Time Prep/Anal	Analyst
				MCL						
307-24-4	Perfluorohexanoic acid (PFHxA)	1.11		-		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
							Certifications:	NELAC-NY12058	03/10/2024 21:56	
375-95-1	Perfluorononanoic acid (PFNA)	ND		10		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
							Certifications:	NELAC-NY12058	03/10/2024 21:56	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		10		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
							Certifications:	NELAC-NY12058	03/10/2024 21:56	
335-67-1	Perfluorooctanoic acid (PFOA)	ND		10		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
							Certifications:	NELAC-NY12058	03/10/2024 21:56	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		-		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
							Certifications:	NELAC-NY12058	03/10/2024 21:56	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		-		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
							Certifications:	NELAC-NY12058	03/10/2024 21:56	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		-		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
							Certifications:	NELAC-NY12058	03/10/2024 21:56	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		-		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
							Certifications:	NELAC-NY12058	03/10/2024 21:56	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		-		ng/L	1.85	EPA 533	03/09/2024 09:27	AM
							Certifications:	NELAC-NY12058	03/10/2024 21:56	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		-		ng/L	1.85	EPA 533	03/09/2024 09:27	AM
							Certifications:	NELAC-NY12058	03/10/2024 21:56	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		-		ng/L	1.85	EPA 533	03/09/2024 09:27	AM
							Certifications:	NELAC-NY12058	03/10/2024 21:56	
2706-90-3	Perfluoropentanoic acid (PFPeA)	1.64		-		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
							Certifications:	NELAC-NY12058	03/10/2024 21:56	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		-		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
							Certifications:	NELAC-NY12058	03/10/2024 21:56	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		-		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
							Certifications:	NELAC-NY12058	03/10/2024 21:56	
151772-58-6	Perfluoro-3,6-dioxahexanoic acid (NFDHA)	ND		-		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
							Certifications:	NELAC-NY12058	03/10/2024 21:56	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		-		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
							Certifications:	NELAC-NY12058	03/10/2024 21:56	

**Surrogate Recoveries**

**Result**

**Acceptance Range**

Surrogate: MPFDoA	80.8 %	50-200
Surrogate: MPFBA	92.2 %	50-200
Surrogate: M9PFNA	82.5 %	50-200
Surrogate: M8PFOS	96.3 %	50-200
Surrogate: M8PFOA	81.8 %	50-200
Surrogate: M7PFUdA	80.0 %	50-200
Surrogate: M6PFDA	85.0 %	50-200
Surrogate: M5PFPeA	93.0 %	50-200
Surrogate: M5PFHxA	78.7 %	50-200



### Sample Information

**Client Sample ID:** Well 4-1 **York Sample ID:** 24C0214-09

**York Project (SDG) No.** 24C0214 **Client Project ID** Well 2-1 through Well 5-1 **Matrix** Drinking Water **Collection Date/Time** March 5, 2024 9:55 am **Date Received** 03/05/2024

**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	77.8 %		50-200						
	Surrogate: M3PFHxS	93.4 %		50-200						
	Surrogate: M3PFBS	107 %		50-200						
	Surrogate: M3HFPO-DA	83.7 %		50-200						
	Surrogate: M2-8:2 FTS	99.8 %		50-200						
	Surrogate: M2-6:2 FTS	104 %		50-200						
	Surrogate: M2-4:2 FTS	144 %		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	1.82	EPA 537.1	03/11/2024 09:05	ER
							Certifications: NELAC-NY12058		03/13/2024 12:38	
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		-		ng/L	1.82	EPA 537.1	03/11/2024 09:05	ER
							Certifications: NELAC-NY12058		03/13/2024 12:38	
2355-31-9	N-MeFOSAA	ND		-		ng/L	1.82	EPA 537.1	03/11/2024 09:05	ER
							Certifications: NELAC-NY12058		03/13/2024 12:38	
2991-50-6	N-EtFOSAA	ND		-		ng/L	1.82	EPA 537.1	03/11/2024 09:05	ER
							Certifications: NELAC-NY12058		03/13/2024 12:38	
	<b>Surrogate Recoveries</b>	<b>Result</b>		<b>Acceptance Range</b>						
	Surrogate: d5-N-EtFOSAA	53.0 %	PFSL	70-130						
	Surrogate: MPFDA	116 %		70-130						
	Surrogate: MPFHxA	97.9 %		70-130						
	Surrogate: M3HFPO-DA	140 %	PFSH	70-130						

### Sample Information

**Client Sample ID:** Well 4-1 Field Blank **York Sample ID:** 24C0214-10

**York Project (SDG) No.** 24C0214 **Client Project ID** Well 2-1 through Well 5-1 **Matrix** Drinking Water **Collection Date/Time** March 5, 2024 9:55 am **Date Received** 03/05/2024

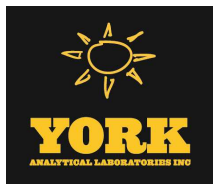
**PFAS, EPA 533 Target List**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 533

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level		Units	Reported to LOQ	Reference Method	Date/Time Prep/Anal	Analyst
				MCL						
919005-14-4	ADONA	ND		-		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
							Certifications: NELAC-NY12058		03/10/2024 22:22	



### Sample Information

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

**York Sample ID:** 24C0214-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24C0214

Well 2-1 through Well 5-1

Drinking Water

March 5, 2024 9:55 am

03/05/2024

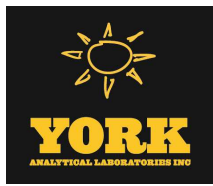
**PFAS, EPA 533 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 533

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level		Units	Reported to LOQ	Reference Method	Date/Time Prep/Anal	Analyst
				MCL						
756426-58-1	9CL-PF3ONS	ND		-		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 22:22	
763051-92-9	11CL-PF3OUdS	ND		-		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 22:22	
13252-13-6	HFPO-DA (Gen-X)	ND		-		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 22:22	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		-		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 22:22	
335-76-2	Perfluorodecanoic acid (PFDA)	ND		10		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 22:22	
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		-		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 22:22	
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		10		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 22:22	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		10		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 22:22	
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		-		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 22:22	
375-95-1	Perfluorononanoic acid (PFNA)	ND		10		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 22:22	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		10		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 22:22	
335-67-1	Perfluorooctanoic acid (PFOA)	ND		10		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 22:22	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		-		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 22:22	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		-		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 22:22	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		-		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 22:22	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		-		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 22:22	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		-		ng/L	1.85	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 22:22	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		-		ng/L	1.85	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 22:22	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		-		ng/L	1.85	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 22:22	
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		-		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 22:22	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		-		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 22:22	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		-		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 22:22	



### Sample Information

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

**York Sample ID:** 24C0214-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24C0214

Well 2-1 through Well 5-1

Drinking Water

March 5, 2024 9:55 am

03/05/2024

**PFAS, EPA 533 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 533

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level		Units	Reported to LOQ	Reference Method	Date/Time Prep/Anal	Analyst
				MCL						
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		-		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
							Certifications: NELAC-NY12058		03/10/2024 22:22	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		-		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
							Certifications: NELAC-NY12058		03/10/2024 22:22	
	<b>Surrogate Recoveries</b>	<b>Result</b>		<b>Acceptance Range</b>						
	Surrogate: MPFDoA	78.2 %		50-200						
	Surrogate: MPFBA	94.4 %		50-200						
	Surrogate: M9PFNA	88.4 %		50-200						
	Surrogate: M8PFOS	99.1 %		50-200						
	Surrogate: M8PFOA	87.7 %		50-200						
	Surrogate: M7PFUdA	82.3 %		50-200						
	Surrogate: M6PFDA	97.0 %		50-200						
	Surrogate: M5PFPeA	93.9 %		50-200						
	Surrogate: M5PFHxA	81.0 %		50-200						
	Surrogate: M4PFHpA	79.2 %		50-200						
	Surrogate: M3PFHxS	91.5 %		50-200						
	Surrogate: M3PFBS	90.2 %		50-200						
	Surrogate: M3HFPO-DA	98.1 %		50-200						
	Surrogate: M2-8:2 FTS	113 %		50-200						
	Surrogate: M2-6:2 FTS	94.1 %		50-200						
	Surrogate: M2-4:2 FTS	88.2 %		50-200						

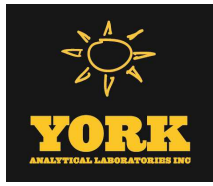
**PFAS, EPA 537.1 UCMR5 List**

**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	2.00	EPA 537.1	03/11/2024 09:05	ER
							Certifications: NELAC-NY12058		03/13/2024 12:51	
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		-		ng/L	2.00	EPA 537.1	03/11/2024 09:05	ER
							Certifications: NELAC-NY12058		03/13/2024 12:51	
2355-31-9	N-MeFOSAA	ND		-		ng/L	2.00	EPA 537.1	03/11/2024 09:05	ER
							Certifications: NELAC-NY12058		03/13/2024 12:51	
2991-50-6	N-EtFOSAA	ND		-		ng/L	2.00	EPA 537.1	03/11/2024 09:05	ER
							Certifications: NELAC-NY12058		03/13/2024 12:51	
	<b>Surrogate Recoveries</b>	<b>Result</b>		<b>Acceptance Range</b>						
	Surrogate: d5-N-EtFOSAA	41.1 %	PFSL	70-130						
	Surrogate: MPFDA	104 %		70-130						
	Surrogate: MPFHxA	90.3 %		70-130						
	Surrogate: M3HFPO-DA	132 %	PFSH	70-130						



### Sample Information

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

**York Sample ID:** 24C0214-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24C0214

Well 2-1 through Well 5-1

Drinking Water

March 5, 2024 10:45 am

03/05/2024

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 522

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level		Units	Reported to LOQ	Reference Method	Date/Time Prep/Anal	Analyst
				MCL						
123-91-1	1,4-Dioxane	ND		1		ug/L	0.200	EPA 522	03/13/2024 09:49	KH
							Certifications: NELAC-NY10854		03/13/2024 19:17	
	<b>Surrogate Recoveries</b>	<b>Result</b>		<b>Acceptance Range</b>						
17647-74-4	Surrogate: 1,4-Dioxane-d8	92.0 %		70-130						

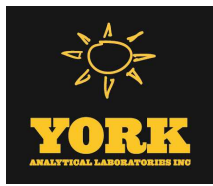
**PFAS, EPA 533 Target List**

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	0.926	EPA 533	03/09/2024 09:27	AM
							Certifications: NELAC-NY12058		03/10/2024 22:35	
756426-58-1	9CL-PF3ONS	ND		-		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
							Certifications: NELAC-NY12058		03/10/2024 22:35	
763051-92-9	11CL-PF3OUdS	ND		-		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
							Certifications: NELAC-NY12058		03/10/2024 22:35	
13252-13-6	HFPO-DA (Gen-X)	ND		-		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
							Certifications: NELAC-NY12058		03/10/2024 22:35	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		-		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
							Certifications: NELAC-NY12058		03/10/2024 22:35	
335-76-2	Perfluorodecanoic acid (PFDA)	ND		10		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
							Certifications: NELAC-NY12058		03/10/2024 22:35	
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		-		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
							Certifications: NELAC-NY12058		03/10/2024 22:35	
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		10		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
							Certifications: NELAC-NY12058		03/10/2024 22:35	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		10		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
							Certifications: NELAC-NY12058		03/10/2024 22:35	
307-24-4	<b>Perfluorohexanoic acid (PFHxA)</b>	<b>1.55</b>		-		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
							Certifications: NELAC-NY12058		03/10/2024 22:35	
375-95-1	Perfluorononanoic acid (PFNA)	ND		10		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
							Certifications: NELAC-NY12058		03/10/2024 22:35	
1763-23-1	<b>Perfluorooctanesulfonic acid (PFOS)</b>	<b>1.10</b>		10		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
							Certifications: NELAC-NY12058		03/10/2024 22:35	
335-67-1	<b>Perfluorooctanoic acid (PFOA)</b>	<b>1.25</b>		10		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
							Certifications: NELAC-NY12058		03/10/2024 22:35	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		-		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
							Certifications: NELAC-NY12058		03/10/2024 22:35	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		-		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
							Certifications: NELAC-NY12058		03/10/2024 22:35	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		-		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
							Certifications: NELAC-NY12058		03/10/2024 22:35	



### Sample Information

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

**York Sample ID:** 24C0214-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24C0214

Well 2-1 through Well 5-1

Drinking Water

March 5, 2024 10:45 am

03/05/2024

**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)	0.981		-		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
							Certifications:	NELAC-NY12058	03/10/2024 22:35	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		-		ng/L	1.85	EPA 533	03/09/2024 09:27	AM
							Certifications:	NELAC-NY12058	03/10/2024 22:35	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		-		ng/L	1.85	EPA 533	03/09/2024 09:27	AM
							Certifications:	NELAC-NY12058	03/10/2024 22:35	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		-		ng/L	1.85	EPA 533	03/09/2024 09:27	AM
							Certifications:	NELAC-NY12058	03/10/2024 22:35	
2706-90-3	Perfluoropentanoic acid (PFPeA)	1.74		-		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
							Certifications:	NELAC-NY12058	03/10/2024 22:35	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		-		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
							Certifications:	NELAC-NY12058	03/10/2024 22:35	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		-		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
							Certifications:	NELAC-NY12058	03/10/2024 22:35	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		-		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
							Certifications:	NELAC-NY12058	03/10/2024 22:35	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		-		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
							Certifications:	NELAC-NY12058	03/10/2024 22:35	

**Surrogate Recoveries**

**Result**

**Acceptance Range**

Surrogate: MPFDoA	83.1 %	50-200
Surrogate: MPFBA	112 %	50-200
Surrogate: M9PFNA	93.2 %	50-200
Surrogate: M8PFOS	110 %	50-200
Surrogate: M8PFOA	105 %	50-200
Surrogate: M7PFUdA	90.7 %	50-200
Surrogate: M6PFDA	109 %	50-200
Surrogate: M5PFPeA	113 %	50-200
Surrogate: M5PFHxA	97.7 %	50-200
Surrogate: M4PFHpA	98.6 %	50-200
Surrogate: M3PFHxS	105 %	50-200
Surrogate: M3PFBS	123 %	50-200
Surrogate: M3HFPO-DA	109 %	50-200
Surrogate: M2-8:2 FTS	105 %	50-200
Surrogate: M2-6:2 FTS	109 %	50-200
Surrogate: M2-4:2 FTS	131 %	50-200

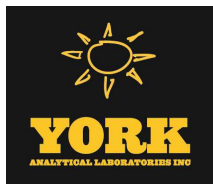
**PFAS, EPA 537.1 UCMR5 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 537.1 SPE DVB

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level		Units	Reported to LOQ	Reference Method	Date/Time Prep/Anal	Analyst
				MCL						



### Sample Information

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

**York Sample ID:** 24C0214-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24C0214

Well 2-1 through Well 5-1

Drinking Water

March 5, 2024 10:45 am

03/05/2024

**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	1.85	EPA 537.1	03/11/2024 09:05	ER
								Certifications: NELAC-NY12058	03/13/2024 13:04	
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		-		ng/L	1.85	EPA 537.1	03/11/2024 09:05	ER
								Certifications: NELAC-NY12058	03/13/2024 13:04	
2355-31-9	N-MeFOSAA	ND		-		ng/L	1.85	EPA 537.1	03/11/2024 09:05	ER
								Certifications: NELAC-NY12058	03/13/2024 13:04	
2991-50-6	N-EtFOSAA	ND		-		ng/L	1.85	EPA 537.1	03/11/2024 09:05	ER
								Certifications: NELAC-NY12058	03/13/2024 13:04	
	<b>Surrogate Recoveries</b>	<b>Result</b>		<b>Acceptance Range</b>						
	Surrogate: d5-N-EtFOSAA	40.2 %	PFSL	70-130						
	Surrogate: MPFDA	101 %		70-130						
	Surrogate: MPFHxA	91.9 %		70-130						
	Surrogate: M3HFPO-DA	141 %	PFSH	70-130						

### Sample Information

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

**York Sample ID:** 24C0214-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24C0214

Well 2-1 through Well 5-1

Drinking Water

March 5, 2024 10:45 am

03/05/2024

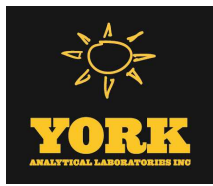
**PFAS, EPA 533 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 533

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level		Units	Reported to LOQ	Reference Method	Date/Time Prep/Anal	Analyst
				MCL						
919005-14-4	ADONA	ND		-		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 22:48	
756426-58-1	9CL-PF3ONS	ND		-		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 22:48	
763051-92-9	11CL-PF3OUdS	ND		-		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 22:48	
13252-13-6	HFPO-DA (Gen-X)	ND		-		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 22:48	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		-		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 22:48	
335-76-2	Perfluorodecanoic acid (PFDA)	ND		10		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 22:48	
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		-		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 22:48	
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		10		ng/L	0.926	EPA 533	03/09/2024 09:27	AM
								Certifications: NELAC-NY12058	03/10/2024 22:48	



### Sample Information

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

**York Sample ID:** 24C0214-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24C0214

Well 2-1 through Well 5-1

Drinking Water

March 5, 2024 10:45 am

03/05/2024

**PFAS, EPA 533 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 533

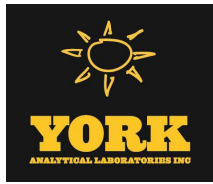
CAS No.	Parameter	Result	Flag	Maximum Contaminant Level		Units	Reported to LOQ	Reference Method	Date/Time Prep/Anal	Analyst
				MCL						
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		10		ng/L	0.926	EPA 533 Certifications: NELAC-NY12058	03/09/2024 09:27 03/10/2024 22:48	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		-		ng/L	0.926	EPA 533 Certifications: NELAC-NY12058	03/09/2024 09:27 03/10/2024 22:48	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		10		ng/L	0.926	EPA 533 Certifications: NELAC-NY12058	03/09/2024 09:27 03/10/2024 22:48	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		10		ng/L	0.926	EPA 533 Certifications: NELAC-NY12058	03/09/2024 09:27 03/10/2024 22:48	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		10		ng/L	0.926	EPA 533 Certifications: NELAC-NY12058	03/09/2024 09:27 03/10/2024 22:48	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		-		ng/L	0.926	EPA 533 Certifications: NELAC-NY12058	03/09/2024 09:27 03/10/2024 22:48	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		-		ng/L	0.926	EPA 533 Certifications: NELAC-NY12058	03/09/2024 09:27 03/10/2024 22:48	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		-		ng/L	0.926	EPA 533 Certifications: NELAC-NY12058	03/09/2024 09:27 03/10/2024 22:48	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		-		ng/L	0.926	EPA 533 Certifications: NELAC-NY12058	03/09/2024 09:27 03/10/2024 22:48	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		-		ng/L	1.85	EPA 533 Certifications: NELAC-NY12058	03/09/2024 09:27 03/10/2024 22:48	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		-		ng/L	1.85	EPA 533 Certifications: NELAC-NY12058	03/09/2024 09:27 03/10/2024 22:48	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		-		ng/L	1.85	EPA 533 Certifications: NELAC-NY12058	03/09/2024 09:27 03/10/2024 22:48	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		-		ng/L	0.926	EPA 533 Certifications: NELAC-NY12058	03/09/2024 09:27 03/10/2024 22:48	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		-		ng/L	0.926	EPA 533 Certifications: NELAC-NY12058	03/09/2024 09:27 03/10/2024 22:48	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		-		ng/L	0.926	EPA 533 Certifications: NELAC-NY12058	03/09/2024 09:27 03/10/2024 22:48	AM
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		-		ng/L	0.926	EPA 533 Certifications: NELAC-NY12058	03/09/2024 09:27 03/10/2024 22:48	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		-		ng/L	0.926	EPA 533 Certifications: NELAC-NY12058	03/09/2024 09:27 03/10/2024 22:48	AM

**Surrogate Recoveries**

**Result**

**Acceptance Range**

Surrogate: MPFDoA	74.7 %	50-200
Surrogate: MPFBA	87.6 %	50-200
Surrogate: M9PFNA	81.8 %	50-200
Surrogate: M8PFOS	85.3 %	50-200
Surrogate: M8PFOA	78.9 %	50-200
Surrogate: M7PFUdA	76.4 %	50-200
Surrogate: M6PFDA	84.9 %	50-200



### Sample Information

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

**York Sample ID:** 24C0214-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24C0214

Well 2-1 through Well 5-1

Drinking Water

March 5, 2024 10:45 am

03/05/2024

**PFAS, EPA 533 Target List**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 533

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level		Units	Reported to LOQ	Reference Method	Date/Time Prep/Anal	Analyst
				MCL						
	Surrogate: M5PFPeA	85.6 %		50-200						
	Surrogate: M5PFHxA	79.5 %		50-200						
	Surrogate: M4PFHpA	75.9 %		50-200						
	Surrogate: M3PFHxS	89.6 %		50-200						
	Surrogate: M3PFBS	85.6 %		50-200						
	Surrogate: M3HFPO-DA	99.0 %		50-200						
	Surrogate: M2-8:2 FTS	98.7 %		50-200						
	Surrogate: M2-6:2 FTS	89.2 %		50-200						
	Surrogate: M2-4:2 FTS	87.4 %		50-200						

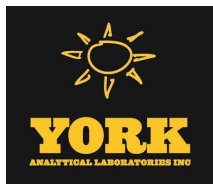
**PFAS, EPA 537.1 UCMR5 List**

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	2.00	EPA 537.1	03/11/2024 09:05	ER
							Certifications:	NELAC-NY12058	03/13/2024 13:17	
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		-		ng/L	2.00	EPA 537.1	03/11/2024 09:05	ER
							Certifications:	NELAC-NY12058	03/13/2024 13:17	
2355-31-9	N-MeFOSAA	ND		-		ng/L	2.00	EPA 537.1	03/11/2024 09:05	ER
							Certifications:	NELAC-NY12058	03/13/2024 13:17	
2991-50-6	N-EtFOSAA	ND		-		ng/L	2.00	EPA 537.1	03/11/2024 09:05	ER
							Certifications:	NELAC-NY12058	03/13/2024 13:17	
	<b>Surrogate Recoveries</b>	<b>Result</b>		<b>Acceptance Range</b>						
	Surrogate: d5-N-EtFOSAA	50.5 %	PFSL	70-130						
	Surrogate: MPFDA	106 %		70-130						
	Surrogate: MPFHxA	92.5 %		70-130						
	Surrogate: M3HFPO-DA	144 %	PFSH	70-130						



## Analytical Batch Summary

**Batch ID:** BC40341

**Preparation Method:** EPA 522

**Prepared By:** THD

YORK Sample ID	Client Sample ID	Preparation Date
24C0214-03	Well 2-2	03/06/24
24C0214-05	Well 3-1	03/06/24
24C0214-07	Well 3-2	03/06/24
24C0214-09	Well 4-1	03/06/24
BC40341-BLK1	Blank	03/06/24
BC40341-BS1	LCS	03/06/24
BC40341-BS2	LCS	03/06/24
BC40341-DUP1	Duplicate	03/06/24
BC40341-MS1	Matrix Spike	03/06/24

**Batch ID:** BC40631

**Preparation Method:** EPA 533

**Prepared By:** AM

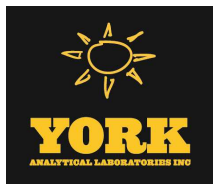
YORK Sample ID	Client Sample ID	Preparation Date
24C0214-01	Well 2-1	03/09/24
24C0214-02	Well 2-1 Field Blank	03/09/24
24C0214-03	Well 2-2	03/09/24
24C0214-04	Well 2-2 Field Blank	03/09/24
24C0214-05	Well 3-1	03/09/24
24C0214-06	Well 3-1 Field Blank	03/09/24
24C0214-07	Well 3-2	03/09/24
24C0214-08	Well 3-2 Field Blank	03/09/24
24C0214-09	Well 4-1	03/09/24
24C0214-10	Well 4-1 Field Blank	03/09/24
24C0214-11	Well 5-1	03/09/24
24C0214-12	Well 5-1 Field Blank	03/09/24
BC40631-BLK1	Blank	03/09/24
BC40631-BS1	LCS	03/09/24
BC40631-BS2	LCS	03/09/24
BC40631-DUP1	Duplicate	03/09/24
BC40631-MS1	Matrix Spike	03/09/24

**Batch ID:** BC40675

**Preparation Method:** EPA 537.1 SPE DVB

**Prepared By:** J D

YORK Sample ID	Client Sample ID	Preparation Date
24C0214-01	Well 2-1	03/10/24
24C0214-02	Well 2-1 Field Blank	03/10/24
24C0214-03	Well 2-2	03/10/24
24C0214-04	Well 2-2 Field Blank	03/10/24
BC40675-BLK1	Blank	03/10/24
BC40675-BS1	LCS	03/10/24
BC40675-BS2	LCS	03/10/24
BC40675-DUP1	Duplicate	03/10/24
BC40675-MS1	Matrix Spike	03/10/24



**Batch ID:** BC40712

**Preparation Method:** EPA 537.1 SPE DVB

**Prepared By:** K H

YORK Sample ID	Client Sample ID	Preparation Date
24C0214-05	Well 3-1	03/11/24
24C0214-06	Well 3-1 Field Blank	03/11/24
24C0214-07	Well 3-2	03/11/24
24C0214-08	Well 3-2 Field Blank	03/11/24
24C0214-09	Well 4-1	03/11/24
24C0214-10	Well 4-1 Field Blank	03/11/24
24C0214-11	Well 5-1	03/11/24
24C0214-12	Well 5-1 Field Blank	03/11/24
BC40712-BLK1	Blank	03/11/24
BC40712-BS1	LCS	03/11/24
BC40712-BS2	LCS	03/11/24
BC40712-DUP1	Duplicate	03/11/24
BC40712-MS1	Matrix Spike	03/11/24

**Batch ID:** BC40722

**Preparation Method:** EPA 522

**Prepared By:** THD

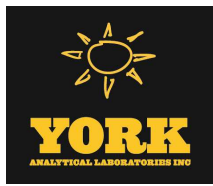
YORK Sample ID	Client Sample ID	Preparation Date
24C0214-01	Well 2-1	03/11/24
BC40722-BLK1	Blank	03/11/24
BC40722-BS1	LCS	03/11/24
BC40722-BS2	LCS	03/11/24
BC40722-DUP1	Duplicate	03/11/24
BC40722-MS1	Matrix Spike	03/11/24

**Batch ID:** BC40934

**Preparation Method:** EPA 522

**Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
24C0214-11	Well 5-1	03/13/24
BC40934-BLK1	Blank	03/13/24
BC40934-BS1	LCS	03/13/24
BC40934-BS2	LCS	03/13/24
BC40934-DUP1	Duplicate	03/13/24
BC40934-MS1	Matrix Spike	03/13/24



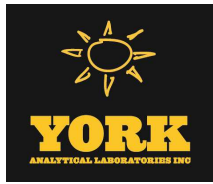
**Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data**  
**York Analytical Laboratories, Inc. - Stratford**

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
<b>Batch BC40341 - EPA 522</b>											
<b>Blank (BC40341-BLK1)</b>											Prepared: 03/06/2024 Analyzed: 03/08/2024
1,4-Dioxane	ND	0.200	ug/L								
Surrogate: 1,4-Dioxane-d8	1.00		"	2.50		40.0	70-130				
<b>LCS (BC40341-BS1)</b>											Prepared: 03/06/2024 Analyzed: 03/08/2024
1,4-Dioxane	4.64	0.200	ug/L	5.00		92.8	70-130				
Surrogate: 1,4-Dioxane-d8	2.10		"	2.50		84.0	70-130				
<b>LCS (BC40341-BS2)</b>											Prepared: 03/06/2024 Analyzed: 03/08/2024
1,4-Dioxane	0.920	0.200	ug/L	1.00		92.0	70-130				
Surrogate: 1,4-Dioxane-d8	1.90		"	2.50		76.0	70-130				
<b>Duplicate (BC40341-DUP1)</b>											*Source sample: 24B1693-01 (Duplicate) Prepared: 03/06/2024 Analyzed: 03/08/2024
1,4-Dioxane	ND	0.200	ug/L		ND						30
Surrogate: 1,4-Dioxane-d8	1.20		"	2.50		48.0	70-130				
<b>Matrix Spike (BC40341-MS1)</b>											*Source sample: 24B1692-01 (Matrix Spike) Prepared: 03/06/2024 Analyzed: 03/08/2024
1,4-Dioxane	4.47	0.200	ug/L	5.00	ND	89.4	70-130				
Surrogate: 1,4-Dioxane-d8	1.90		"	2.50		76.0	70-130				
<b>Batch BC40722 - EPA 522</b>											
<b>Blank (BC40722-BLK1)</b>											Prepared: 03/11/2024 Analyzed: 03/12/2024
1,4-Dioxane	ND	0.200	ug/L								
Surrogate: 1,4-Dioxane-d8	2.40		"	2.50		96.0	70-130				
<b>LCS (BC40722-BS1)</b>											Prepared: 03/11/2024 Analyzed: 03/12/2024
1,4-Dioxane	4.90	0.200	ug/L	5.00		98.0	70-130				
Surrogate: 1,4-Dioxane-d8	2.60		"	2.50		104	70-130				



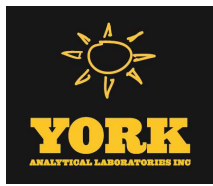
**Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data**  
**York Analytical Laboratories, Inc. - Stratford**

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
<b>Batch BC40722 - EPA 522</b>											
<b>LCS (BC40722-BS2)</b>						Prepared: 03/11/2024 Analyzed: 03/12/2024					
1,4-Dioxane	1.02	0.200	ug/L	1.00		102	70-130				
Surrogate: 1,4-Dioxane-d8	2.20		"	2.50		88.0	70-130				
<b>Duplicate (BC40722-DUP1)</b>						*Source sample: 24C0195-04 (Duplicate) Prepared: 03/11/2024 Analyzed: 03/12/2024					
1,4-Dioxane	ND	0.200	ug/L		ND					30	
Surrogate: 1,4-Dioxane-d8	1.80		"	2.50		72.0	70-130				
<b>Matrix Spike (BC40722-MS1)</b>						*Source sample: 24B1696-03 (Matrix Spike) Prepared: 03/11/2024 Analyzed: 03/12/2024					
1,4-Dioxane	5.42	0.200	ug/L	5.00	ND	108	70-130				
Surrogate: 1,4-Dioxane-d8	1.80		"	2.50		72.0	70-130				
<b>Batch BC40934 - EPA 522</b>											
<b>Blank (BC40934-BLK1)</b>						Prepared & Analyzed: 03/13/2024					
1,4-Dioxane	ND	0.200	ug/L								
Surrogate: 1,4-Dioxane-d8	2.10		"	2.50		84.0	70-130				
<b>LCS (BC40934-BS1)</b>						Prepared & Analyzed: 03/13/2024					
1,4-Dioxane	5.43	0.200	ug/L	5.00		109	70-130				
Surrogate: 1,4-Dioxane-d8	2.30		"	2.50		92.0	70-130				
<b>LCS (BC40934-BS2)</b>						Prepared & Analyzed: 03/13/2024					
1,4-Dioxane	11.5	0.200	ug/L	10.0		115	70-130				
Surrogate: 1,4-Dioxane-d8	2.20		"	2.50		88.0	70-130				
<b>Duplicate (BC40934-DUP1)</b>						*Source sample: 24C0214-11 (Well 5-1) Prepared & Analyzed: 03/13/2024					
1,4-Dioxane	ND	0.200	ug/L		ND					30	
Surrogate: 1,4-Dioxane-d8	2.20		"	2.50		88.0	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
<b>Batch BC40934 - EPA 522</b>											
<b>Matrix Spike (BC40934-MS1)</b>	*Source sample: 24C0674-07 (Matrix Spike)						Prepared & Analyzed: 03/13/2024				
1,4-Dioxane	5.43	0.200	ug/L	5.00		109	70-130				
Surrogate: 1,4-Dioxane-d8	2.30		"	2.50		92.0	70-130				



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

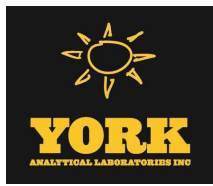
Analyte	Result	Reporting	Units	Spike Level	Source*	%REC	%REC Limits	Flag	RPD	RPD	Flag
		Limit			Result					Limit	

**Batch BC40631 - EPA 533**

**Blank (BC40631-BLK1)**

Prepared: 03/09/2024 Analyzed: 03/10/2024

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	2.00	"								
Perfluoropentanoic acid (PFPeA)	ND	1.00	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.00	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.00	"								
Perfluoro-3,6-dioxahexanoic acid (NFDHA)	ND	1.00	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND	1.00	"								
Surrogate: MPFDoA	18.0		"	20.0		90.1	50-200				
Surrogate: MPFBA	19.4		"	20.0		97.0	50-200				
Surrogate: M9PFNA	18.9		"	20.0		94.6	50-200				
Surrogate: M8PFOS	19.2		"	19.2		100	50-200				
Surrogate: M8PFOA	18.2		"	20.0		90.9	50-200				
Surrogate: M7PFUdA	19.2		"	20.0		95.9	50-200				
Surrogate: M6PFDA	20.5		"	20.0		103	50-200				
Surrogate: M5PFPeA	18.4		"	20.0		92.0	50-200				
Surrogate: M5PFHxA	18.1		"	20.0		90.3	50-200				
Surrogate: M4PFHpA	16.9		"	20.0		84.7	50-200				
Surrogate: M3PFHxS	18.3		"	19.0		96.3	50-200				
Surrogate: M3PFBS	18.3		"	18.6		98.3	50-200				
Surrogate: M3HFPO-DA	17.5		"	20.0		87.4	50-200				
Surrogate: M2-8:2 FTS	86.6		"	76.8		113	50-200				
Surrogate: M2-6:2 FTS	66.1		"	76.0		86.9	50-200				
Surrogate: M2-4:2 FTS	65.8		"	75.2		87.5	50-200				



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

York Analytical Laboratories, Inc. - Stratford

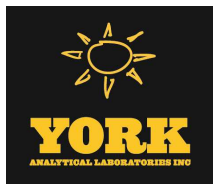
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BC40631 - EPA 533

LCS (BC40631-BS1)

Prepared: 03/09/2024 Analyzed: 03/10/2024

ADONA	47.6	1.00	ng/L	37.8		126	70-130				
9CL-PF3ONS	46.5	1.00	"	37.4		125	70-130				
11CL-PF3OUdS	45.5	1.00	"	37.8		120	70-130				
HFPO-DA (Gen-X)	43.7	1.00	"	40.0		109	70-130				
Perfluorobutanesulfonic acid (PFBS)	40.3	1.00	"	35.5		113	70-130				
Perfluorodecanoic acid (PFDA)	50.9	1.00	"	40.0		127	70-130				
Perfluorododecanoic acid (PFDoA)	52.0	1.00	"	40.0		130	70-130				
Perfluoroheptanoic acid (PFHpA)	56.4	1.00	"	40.0		141	70-130	High Bias			
Perfluorohexanesulfonic acid (PFHxS)	39.3	1.00	"	36.5		108	70-130				
Perfluorohexanoic acid (PFHxA)	47.1	1.00	"	40.0		118	70-130				
Perfluorononanoic acid (PFNA)	50.5	1.00	"	40.0		126	70-130				
Perfluorooctanesulfonic acid (PFOS)	44.0	1.00	"	37.1		119	70-130				
Perfluorooctanoic acid (PFOA)	49.7	1.00	"	40.0		124	70-130				
Perfluoroundecanoic acid (PFUnA)	43.8	1.00	"	40.0		110	70-130				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	45.3	1.00	"	37.5		121	70-130				
Perfluoro-1-pentanesulfonate (PFPeS)	42.0	1.00	"	37.6		112	70-130				
Perfluoro-n-butanoic acid (PFBA)	50.1	1.00	"	40.0		125	70-130				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	36.7	2.00	"	38.4		95.5	70-130				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	47.4	2.00	"	38.1		124	70-130				
Perfluoro-1-heptanesulfonic acid (PFHpS)	46.1	2.00	"	38.2		121	70-130				
Perfluoropentanoic acid (PFPeA)	45.9	1.00	"	40.0		115	70-130				
Perfluoro-5-oxahexanoic acid (PFMBA)	48.9	1.00	"	40.0		122	70-130				
Perfluoro-4-oxapentanoic acid (PFMPA)	49.0	1.00	"	40.0		123	70-130				
Perfluoro-3,6-dioxahexanoic acid (NFDHA)	40.4	1.00	"	40.0		101	70-130				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	38.5	1.00	"	35.7		108	70-130				
Surrogate: MPFDoA	15.2		"	20.0		75.8	50-200				
Surrogate: MPFBA	17.0		"	20.0		84.9	50-200				
Surrogate: M9PFNA	14.7		"	20.0		73.6	50-200				
Surrogate: M8PFOS	15.6		"	19.2		81.3	50-200				
Surrogate: M8PFOA	15.4		"	20.0		76.9	50-200				
Surrogate: M7PFUdA	14.9		"	20.0		74.5	50-200				
Surrogate: M6PFDA	16.6		"	20.0		82.8	50-200				
Surrogate: M5PFPeA	16.2		"	20.0		81.2	50-200				
Surrogate: M5PFHxA	15.3		"	20.0		76.4	50-200				
Surrogate: M4PFHpA	13.2		"	20.0		66.2	50-200				
Surrogate: M3PFHxS	16.5		"	19.0		87.0	50-200				
Surrogate: M3PFBS	15.6		"	18.6		83.8	50-200				
Surrogate: M3HFPO-DA	17.2		"	20.0		86.2	50-200				
Surrogate: M2-8:2 FTS	79.3		"	76.8		103	50-200				
Surrogate: M2-6:2 FTS	61.8		"	76.0		81.4	50-200				
Surrogate: M2-4:2 FTS	63.1		"	75.2		83.9	50-200				



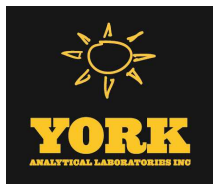
PFAS Target compounds by LC/MS-MS - Quality Control Data

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 BC40631 - EPA 533

Duplicate (BC40631-DUP1)	*Source sample: 24C0214-07 (Well 3-2)						Prepared: 03/09/2024 Analyzed: 03/10/2024					
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)	0.838	0.926	"		0.907				7.90	30		
Perfluorodecanoic acid (PFDA)	ND	0.926	"		ND					30		
Perfluorododecanoic acid (PFDoA)	ND	0.926	"		ND					30		
Perfluoroheptanoic acid (PFHpA)	1.22	0.926	"		1.21				0.805	30		
Perfluorohexanesulfonic acid (PFHxS)	4.55	0.926	"		4.44				2.27	30		
Perfluorohexanoic acid (PFHxA)	1.53	0.926	"		1.57				2.64	30		
Perfluorononanoic acid (PFNA)	2.74	0.926	"		2.58				5.88	30		
Perfluorooctanesulfonic acid (PFOS)	5.76	0.926	"		9.93				53.0	30	Non-dir.	
Perfluorooctanoic acid (PFOA)	1.76	0.926	"		1.95				9.93	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)	0.778	0.926	"		0.766				1.45	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	1.85	"		ND					30		
Perfluoropentanoic acid (PFPeA)	1.72	0.926	"		1.67				2.71	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	11.4		"	18.5		61.6	50-200					
Surrogate: MPFBA	16.4		"	18.5		88.6	50-200					
Surrogate: M9PFNA	14.5		"	18.5		78.3	50-200					
Surrogate: M8PFOS	15.4		"	17.7		86.6	50-200					
Surrogate: M8PFOA	15.1		"	18.5		81.4	50-200					
Surrogate: M7PFUdA	13.3		"	18.5		71.9	50-200					
Surrogate: M6PFDA	14.9		"	18.5		80.7	50-200					
Surrogate: M5PFPeA	16.7		"	18.5		90.0	50-200					
Surrogate: M5PFHxA	14.4		"	18.5		77.6	50-200					
Surrogate: M4PFHpA	14.5		"	18.5		78.4	50-200					
Surrogate: M3PFHxS	15.2		"	17.6		86.3	50-200					
Surrogate: M3PFBS	17.3		"	17.3		100	50-200					
Surrogate: M3HFPO-DA	13.6		"	18.5		73.2	50-200					
Surrogate: M2-8:2 FTS	63.5		"	71.1		89.4	50-200					
Surrogate: M2-6:2 FTS	63.1		"	70.4		89.7	50-200					
Surrogate: M2-4:2 FTS	83.7		"	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 BC40631 - EPA 533

Matrix Spike (BC40631-MS1)	*Source sample: 24C0214-01 (Well 2-1)						Prepared: 03/09/2024 Analyzed: 03/10/2024				
ADONA	42.2	0.926	ng/L	35.0	ND	121	70-130				
9CL-PF3ONS	44.1	0.926	"	34.6	ND	127	70-130				
11CL-PF3OUdS	39.8	0.926	"	35.0	ND	114	70-130				
HFPO-DA (Gen-X)	42.0	0.926	"	37.0	ND	113	70-130				
Perfluorobutanesulfonic acid (PFBS)	42.4	0.926	"	32.9	1.75	124	70-130				
Perfluorodecanoic acid (PFDA)	49.8	0.926	"	37.0	ND	134	70-130	High Bias			
Perfluorododecanoic acid (PFDoA)	50.8	0.926	"	37.0	ND	137	70-130	High Bias			
Perfluoroheptanoic acid (PFHpA)	50.3	0.926	"	37.0	ND	136	70-130	High Bias			
Perfluorohexanesulfonic acid (PFHxS)	42.9	0.926	"	33.8	1.43	123	70-130				
Perfluorohexanoic acid (PFHxA)	50.5	0.926	"	37.0	1.49	132	70-130	High Bias			
Perfluorononanoic acid (PFNA)	52.4	0.926	"	37.0	ND	141	70-130	High Bias			
Perfluorooctanesulfonic acid (PFOS)	44.9	0.926	"	34.4	ND	131	70-130	High Bias			
Perfluorooctanoic acid (PFOA)	50.4	0.926	"	37.0	1.14	133	70-130	High Bias			
Perfluoroundecanoic acid (PFUnA)	44.3	0.926	"	37.0	ND	120	70-130				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	42.9	0.926	"	34.7	ND	124	70-130				
Perfluoro-1-pentanesulfonate (PFPeS)	45.3	0.926	"	34.8	ND	130	70-130				
Perfluoro-n-butanoic acid (PFBA)	51.6	0.926	"	37.0	1.11	136	70-130	High Bias			
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	33.7	1.85	"	35.6	ND	94.8	70-130				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	43.9	1.85	"	35.3	ND	124	70-130				
Perfluoro-1-heptanesulfonic acid (PFHpS)	45.8	1.85	"	35.3	ND	130	70-130				
Perfluoropentanoic acid (PFPeA)	48.3	0.926	"	37.0	1.65	126	70-130				
Perfluoro-5-oxahexanoic acid (PFMBA)	50.5	0.926	"	37.0	ND	136	70-130	High Bias			
Perfluoro-4-oxapentanoic acid (PFMPA)	49.3	0.926	"	37.0	ND	133	70-130	High Bias			
Perfluoro-3,6-dioxahexanoic acid (NFDHA)	39.9	0.926	"	37.0	ND	108	70-130				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	34.4	0.926	"	33.0	ND	104	70-130				
Surrogate: MPFDoA	11.7		"	18.5		63.4	50-200				
Surrogate: MPFBA	14.6		"	18.5		78.6	50-200				
Surrogate: M9PFNA	13.3		"	18.5		72.0	50-200				
Surrogate: M8PFOS	13.6		"	17.7		76.7	50-200				
Surrogate: M8PFOA	13.5		"	18.5		72.8	50-200				
Surrogate: M7PFUdA	12.4		"	18.5		67.2	50-200				
Surrogate: M6PFDA	15.3		"	18.5		82.8	50-200				
Surrogate: M5PFPeA	14.3		"	18.5		77.4	50-200				
Surrogate: M5PFHxA	13.4		"	18.5		72.4	50-200				
Surrogate: M4PFHpA	13.4		"	18.5		72.3	50-200				
Surrogate: M3PFHxS	14.0		"	17.6		79.7	50-200				
Surrogate: M3PFBS	16.1		"	17.3		93.4	50-200				
Surrogate: M3HFPO-DA	13.2		"	18.5		71.5	50-200				
Surrogate: M2-8:2 FTS	65.1		"	71.1		91.5	50-200				
Surrogate: M2-6:2 FTS	57.7		"	70.4		82.0	50-200				
Surrogate: M2-4:2 FTS	67.2		"	69.6		96.5	50-200				



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

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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**Batch BC40675 - EPA 537.1 SPE DVB**

**Blank (BC40675-BLK1)**

Prepared: 03/10/2024 Analyzed: 03/11/2024

Perfluorotridecanoic acid (PFTTrDA)	ND	4.00	ng/L								
Perfluorotetradecanoic acid (PFTA)	ND	4.00	"								
N-MeFOSAA	ND	4.00	"								
N-EtFOSAA	ND	4.00	"								
<i>Surrogate: d5-N-EtFOSAA</i>	233		"	320		72.9	70-130				
<i>Surrogate: MPFDA</i>	71.7		"	80.0		89.6	70-130				
<i>Surrogate: MPFHxA</i>	6.58		"	80.0		8.22	70-130				
<i>Surrogate: M3HFPO-DA</i>	10.5		"	80.0		13.1	70-130				

**LCS (BC40675-BS1)**

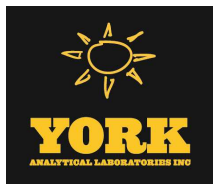
Prepared: 03/10/2024 Analyzed: 03/11/2024

Perfluorotridecanoic acid (PFTTrDA)	58.7	4.00	ng/L	80.0		73.4	70-130				
Perfluorotetradecanoic acid (PFTA)	64.5	4.00	"	80.0		80.7	70-130				
N-MeFOSAA	63.9	4.00	"	80.0		79.8	70-130				
N-EtFOSAA	53.3	4.00	"	80.0		66.7	70-130	Low Bias			
<i>Surrogate: d5-N-EtFOSAA</i>	213		"	320		66.6	70-130				
<i>Surrogate: MPFDA</i>	70.1		"	80.0		87.6	70-130				
<i>Surrogate: MPFHxA</i>	8.13		"	80.0		10.2	70-130				
<i>Surrogate: M3HFPO-DA</i>	11.1		"	80.0		13.9	70-130				

**LCS (BC40675-BS2)**

Prepared: 03/10/2024 Analyzed: 03/11/2024

Perfluorotridecanoic acid (PFTTrDA)	29.7	4.00	ng/L	40.0		74.3	70-130				
Perfluorotetradecanoic acid (PFTA)	32.3	4.00	"	40.0		80.7	70-130				
N-MeFOSAA	32.4	4.00	"	40.0		81.1	70-130				
N-EtFOSAA	28.4	4.00	"	40.0		71.1	70-130				
<i>Surrogate: d5-N-EtFOSAA</i>	229		"	320		71.6	70-130				
<i>Surrogate: MPFDA</i>	64.6		"	80.0		80.8	70-130				
<i>Surrogate: MPFHxA</i>	6.06		"	80.0		7.57	70-130				
<i>Surrogate: M3HFPO-DA</i>	9.07		"	80.0		11.3	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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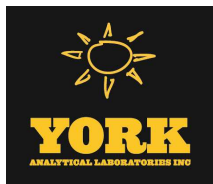
**Batch BC40675 - EPA 537.1 SPE DVB**

<b>Duplicate (BC40675-DUP1)</b>		*Source sample: 24C0214-01 (Well 2-1)					Prepared: 03/10/2024 Analyzed: 03/11/2024	
Perfluorotridecanoic acid (PFTrDA)	ND	1.85	ng/L		ND			25
Perfluorotetradecanoic acid (PFTA)	ND	1.85	"		ND			25
N-MeFOSAA	ND	1.85	"		ND			25
N-EtFOSAA	ND	1.85	"		ND			25
Surrogate: d5-N-EtFOSAA	108		"	148		72.9	70-130	
Surrogate: MPFDA	32.7		"	37.0		88.2	70-130	
Surrogate: MPFHxA	22.3		"	37.0		60.3	70-130	
Surrogate: M3HFPO-DA	27.4		"	37.0		74.0	70-130	

<b>Matrix Spike (BC40675-MS1)</b>		*Source sample: 24C0214-03 (Well 2-2)					Prepared: 03/10/2024 Analyzed: 03/11/2024	
Perfluorotridecanoic acid (PFTrDA)	27.1	2.63	ng/L	52.6	ND	51.4	70-130	Low Bias
Perfluorotetradecanoic acid (PFTA)	34.5	2.63	"	52.6	ND	65.6	70-130	Low Bias
N-MeFOSAA	31.8	2.63	"	52.6	ND	60.4	70-130	Low Bias
N-EtFOSAA	27.7	2.63	"	52.6	ND	52.6	70-130	Low Bias
Surrogate: d5-N-EtFOSAA	118		"	211		56.1	70-130	
Surrogate: MPFDA	44.6		"	52.6		84.7	70-130	
Surrogate: MPFHxA	36.0		"	52.6		68.4	70-130	
Surrogate: M3HFPO-DA	49.4		"	52.6		93.9	70-130	

**Batch BC40712 - EPA 537.1 SPE DVB**

<b>Blank (BC40712-BLK1)</b>							Prepared: 03/11/2024 Analyzed: 03/13/2024	
Perfluorotridecanoic acid (PFTrDA)	ND	4.00	ng/L					
Perfluorotetradecanoic acid (PFTA)	ND	4.00	"					
N-MeFOSAA	ND	4.00	"					
N-EtFOSAA	ND	4.00	"					
Surrogate: d5-N-EtFOSAA	291		"	320		91.0	70-130	
Surrogate: MPFDA	102		"	80.0		127	70-130	
Surrogate: MPFHxA	75.4		"	80.0		94.3	70-130	
Surrogate: M3HFPO-DA	129		"	80.0		161	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 BC40712 - EPA 537.1 SPE DVB

LCS (BC40712-BS1)

Prepared: 03/11/2024 Analyzed: 03/13/2024

Perfluorotridecanoic acid (PFTTrDA)	27.8	4.00	ng/L	40.0		69.5	70-130	Low Bias			
Perfluorotetradecanoic acid (PFTA)	25.4	4.00	"	40.0		63.5	70-130	Low Bias			
N-MeFOSAA	35.9	4.00	"	40.0		89.7	70-130				
N-EtFOSAA	25.8	4.00	"	40.0		64.6	70-130	Low Bias			
Surrogate: d5-N-EtFOSAA	271		"	320		84.6	70-130				
Surrogate: MPFDA	92.9		"	80.0		116	70-130				
Surrogate: MPFHxA	65.0		"	80.0		81.2	70-130				
Surrogate: M3HFPO-DA	110		"	80.0		137	70-130				

Duplicate (BC40712-DUP1)

\*Source sample: 24C0214-05 (Well 3-1)

Prepared: 03/11/2024 Analyzed: 03/13/2024

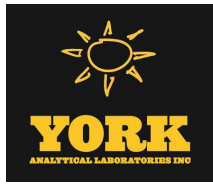
Perfluorotridecanoic acid (PFTTrDA)	ND	1.85	ng/L		ND					25	
Perfluorotetradecanoic acid (PFTA)	ND	1.85	"		ND					25	
N-MeFOSAA	ND	1.85	"		ND					25	
N-EtFOSAA	ND	1.85	"		ND					25	
Surrogate: d5-N-EtFOSAA	119		"	148		80.1	70-130				
Surrogate: MPFDA	43.8		"	37.0		118	70-130				
Surrogate: MPFHxA	33.0		"	37.0		89.1	70-130				
Surrogate: M3HFPO-DA	50.8		"	37.0		137	70-130				

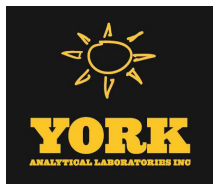
Matrix Spike (BC40712-MS1)

\*Source sample: 24C0214-07 (Well 3-2)

Prepared: 03/11/2024 Analyzed: 03/13/2024

Perfluorotridecanoic acid (PFTTrDA)	26.9	1.82	ng/L	36.4	ND	74.0	70-130				
Perfluorotetradecanoic acid (PFTA)	25.5	1.82	"	36.4	ND	70.1	70-130				
N-MeFOSAA	35.1	1.82	"	36.4	ND	96.5	70-130				
N-EtFOSAA	25.4	1.82	"	36.4	ND	69.8	70-130	Low Bias			
Surrogate: d5-N-EtFOSAA	129		"	145		88.6	70-130				
Surrogate: MPFDA	45.8		"	36.4		126	70-130				
Surrogate: MPFHxA	33.0		"	36.4		90.8	70-130				
Surrogate: M3HFPO-DA	50.6		"	36.4		139	70-130				



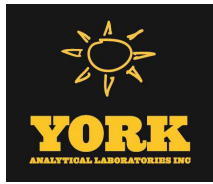


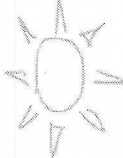
## Sample and Data Qualifiers Relating to This Work Order

S-08	The recovery of this surrogate was outside of QC limits.
PFSL	The recovery for this PFAS surrogate was below control limits
PFSH	The recovery for this PFAS surrogate was above control limits
PFL	The recovery for this PFAS compound was below control limits
PF-LCS-H	The LCS recovery was slightly above acceptable limits for the qualified compound. However, sample results are not biased high because results are corrected for isotope recovery.
A-01	Surrogate recovered low, however, since all sample and standard surrogates recovered within limits and no detections were found in any field sample, the batch was accepted.

### 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 client@yorklab.com www.yorklab.com 800-306-YORK

YORK Project No.  
**24C0214**

Page **1** of **1**

**YOUR Information**  
Company: Hampton Bays Water District  
Address: 18B Pongogue Ave Hampton Bays, NY 11946  
Phone: 631-728-0179  
Contact: Keith Tuthill Jr  
E-mail: ktuthilljr@southamptonwny.gov

**Report To:**  
Company: \_\_\_\_\_  
Address: \_\_\_\_\_  
Phone: \_\_\_\_\_  
Contact: \_\_\_\_\_  
E-mail: \_\_\_\_\_

**Invoice To:**  
Company: \_\_\_\_\_  
Address: \_\_\_\_\_  
Phone: \_\_\_\_\_  
Contact: \_\_\_\_\_  
E-mail: \_\_\_\_\_

**YOUR Project Number**  
**YOUR Project Name**  
**YOUR PO#:**

Matrix Codes	Samples From	Report / EDD Type (circle selections)	YORK Reg. Comp.
S - soil / solid	New York	Summary Report	Compared to the following Regulation(s): (please fill in)
GW - groundwater	New Jersey	QA Report	
DW - drinking water	Connecticut	CMDP	
WW - wastewater	Pennsylvania	Standard Excel EDD	
O - Oil	Other:	NY ASP B Package	

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
Well 2-1	GW	3/5/24 8:20AM	537.1, 533, 1:4 Dioxane, FB's		
Well 2-2	GW	3/5/24 8:35AM	537.1, 533, 1:4 Dioxane, FB's		
Well 3-1	GW	3/5/24 9:00AM	537.1, 533, 1:4 Dioxane, FB's		
Well 3-2	GW	3/5/24 9:15AM	537.1, 533, 1:4 Dioxane, FB's		
<del>Well 3-3</del>	<del>GW</del>	<del>3/5/24 9:20AM</del>	<del>537.1, 533, 1:4 Dioxane, FB's</del>		
Well 4-1	GW	3/5/24 9:55AM	537.1, 533, 1:4 Dioxane, FB's		
Well 4-2	GW	3/5/24 10:15AM	537.1, 533, 1:4 Dioxane, FB's		
Well 5-1	GW	3/5/24 10:45AM	537.1, 533, 1:4 Dioxane, FB's		
<del>Field Entry Point</del>	<del>DW</del>	<del>3/5/24 10:05AM</del>	<del>537.1, 533, 1:4 Dioxane, FB's</del>		

**Comments:**

Preservation: (check all that apply)  
 HCl \_\_\_\_\_ MeOH \_\_\_\_\_ HNO3 \_\_\_\_\_ H2SO4 \_\_\_\_\_ NaOH \_\_\_\_\_  
 ZnAc \_\_\_\_\_ Ascorbic Acid \_\_\_\_\_ Other: \_\_\_\_\_

1. Samples collected at time of lab pickup? circle Yes or No  
 2. Samples Relinquished by / Company  
 3. Samples Relinquished by / Company  
 4. Samples Relinquished by / Company

1. Samples Relinquished by / Company  
 Date/Time: **3/5/24 11:05AM**

2. Samples Relinquished by / Company  
 Date/Time: **Keith Tuthill**

3. Samples Relinquished by / Company  
 Date/Time: **3/5/24 12:30pm**

4. Samples Relinquished by / Company  
 Date/Time: **3/5/24 17:50**

5. Samples Relinquished by / Company  
 Date/Time: **3/5/24 17:50**

6. Samples Relinquished by / Company  
 Date/Time: **3/5/24 17:50**

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19. Samples Relinquished by / Company  
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20. Samples Relinquished by / Company  
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