

Technical Report

for

Emerging Contaminants

prepared for:

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

Report Date: 02/07/2022
Client Project ID: UCMR 3
York Project (SDG) No.: 22B0021

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

Report Date: 02/07/2022
Client Project ID: UCMR 3
York Project (SDG) No.: 22B0021

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

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on February 01, 2022 and listed below. The project was identified as your project: **UCMR 3**.

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

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

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

Please contact Client Services at 203.325.1371 with any questions regarding this report or e-mail clientservices@yorklab.com.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
22B0021-01	HBWD 2-1	Drinking Water	02/01/2022	02/01/2022
22B0021-02	HBWD 2-1 Field Blank	Drinking Water	02/01/2022	02/01/2022
22B0021-03	HBWD 2-2	Drinking Water	02/01/2022	02/01/2022
22B0021-04	HBWD 2-2 Field Blank	Drinking Water	02/01/2022	02/01/2022
22B0021-05	HBWD 4-1	Drinking Water	02/01/2022	02/01/2022
22B0021-06	HBWD 4-1 Field Blank	Drinking Water	02/01/2022	02/01/2022
22B0021-07	HBWD 4-2	Drinking Water	02/01/2022	02/01/2022
22B0021-08	HBWD 4-2 Field Blank	Drinking Water	02/01/2022	02/01/2022
22B0021-09	HBWD 3-1	Drinking Water	02/01/2022	02/01/2022
22B0021-10	HBWD 3-1 Field Blank	Drinking Water	02/01/2022	02/01/2022
22B0021-11	HBWD 3-3	Drinking Water	02/01/2022	02/01/2022
22B0021-12	HBWD 3-3 Field Blank	Drinking Water	02/01/2022	02/01/2022
22B0021-13	HBWD 5-1	Drinking Water	02/01/2022	02/01/2022
22B0021-14	HBWD 3-3 Field Blank	Drinking Water	02/01/2022	02/01/2022

General Notes for York Project (SDG) No.: 22B0021

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.

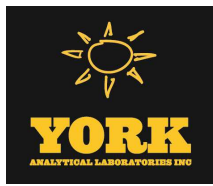
Approved By:



Cassie L. Mosher
Laboratory Manager

Date: 02/07/2022





Sample Information

Client Sample ID: HBWD 2-1

York Sample ID: 22B0021-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0021	UCMR 3	Drinking Water	February 1, 2022 7:45 am	02/01/2022

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 522

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level MCL	Units	Reported to LOQ	Reference Method	Date/Time Prep/Anal	Analyst
123-91-1	1,4-Dioxane	ND		1	ug/L	0.200	EPA 522	02/03/2022 08:06	KH
						Certifications:	NELAC-NY10854	02/07/2022 12:38	
	Surrogate Recoveries	Result		Acceptance Range					
17647-74-4	Surrogate: 1,4-Dioxane-d8	88.0 %		70-130					

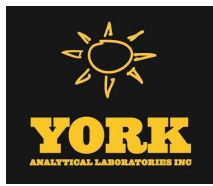
PFAS, EPA 537.1 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 537.1 SPE DVB

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level MCL	Units	Reported to LOQ	Reference Method	Date/Time Prep/Anal	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		0	ng/L	1.79	EPA 537.1	02/02/2022 11:44	WL
						Certifications:		02/03/2022 18:23	
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		0	ng/L	1.79	EPA 537.1	02/02/2022 11:44	WL
						Certifications:		02/03/2022 18:23	
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		0	ng/L	1.79	EPA 537.1	02/02/2022 11:44	WL
						Certifications:		02/03/2022 18:23	
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		0	ng/L	1.79	EPA 537.1	02/02/2022 11:44	WL
						Certifications:		02/03/2022 18:23	
335-67-1	Perfluorooctanoic acid (PFOA)	ND		10	ng/L	1.79	EPA 537.1	02/02/2022 11:44	WL
						Certifications:	NELAC-NY12058	02/03/2022 18:23	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		10	ng/L	1.79	EPA 537.1	02/02/2022 11:44	WL
						Certifications:	NELAC-NY12058	02/03/2022 18:23	
375-95-1	* Perfluorononanoic acid (PFNA)	ND		0	ng/L	1.79	EPA 537.1	02/02/2022 11:44	WL
						Certifications:		02/03/2022 18:23	
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		0	ng/L	1.79	EPA 537.1	02/02/2022 11:44	WL
						Certifications:		02/03/2022 18:23	
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		0	ng/L	1.79	EPA 537.1	02/02/2022 11:44	WL
						Certifications:		02/03/2022 18:23	
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		0	ng/L	1.79	EPA 537.1	02/02/2022 11:44	WL
						Certifications:		02/03/2022 18:23	
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		0	ng/L	1.79	EPA 537.1	02/02/2022 11:44	WL
						Certifications:		02/03/2022 18:23	
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		0	ng/L	1.79	EPA 537.1	02/02/2022 11:44	WL
						Certifications:		02/03/2022 18:23	
2355-31-9	* N-MeFOSAA	ND		0	ng/L	1.79	EPA 537.1	02/02/2022 11:44	WL
						Certifications:		02/03/2022 18:23	
2991-50-6	* N-EtFOSAA	ND		0	ng/L	1.79	EPA 537.1	02/02/2022 11:44	WL
						Certifications:		02/03/2022 18:23	
756426-58-1	* 9CL-PF3ONS	ND		0	ng/L	1.79	EPA 537.1	02/02/2022 11:44	WL
						Certifications:		02/03/2022 18:23	
763051-92-9	* 11CL-PF3OUdS	ND		0	ng/L	1.79	EPA 537.1	02/02/2022 11:44	WL
						Certifications:		02/03/2022 18:23	



Sample Information

Client Sample ID: HBWD 2-1

York Sample ID: 22B0021-01

<u>York Project (SDG) No.</u> 22B0021	<u>Client Project ID</u> UCMR 3	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> February 1, 2022 7:45 am	<u>Date Received</u> 02/01/2022
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PFAS, EPA 537.1 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				
13252-13-6	* HFPO-DA (Gen-X)	ND		0	ng/L	1.79	EPA 537.1	02/02/2022 11:44	WL
								02/03/2022 18:23	
919005-14-4	* ADONA	ND		0	ng/L	1.79	EPA 537.1	02/02/2022 11:44	WL
								02/03/2022 18:23	
	Surrogate Recoveries	Result		Acceptance Range					
	Surrogate: d5-N-EtFOSAA	110 %		70-130					
	Surrogate: 13C-PFDA	104 %		70-130					
	Surrogate: 13C-PFHxA	98.0 %		70-130					
	Surrogate: M3HFPO-DA	99.9 %		70-130					

Sample Information

Client Sample ID: HBWD 2-1 Field Blank

York Sample ID: 22B0021-02

<u>York Project (SDG) No.</u> 22B0021	<u>Client Project ID</u> UCMR 3	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> February 1, 2022 7:45 am	<u>Date Received</u> 02/01/2022
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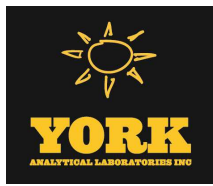
PFAS, EPA 537.1 List

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				
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		0	ng/L	1.67	EPA 537.1	02/02/2022 11:44	WL
								02/03/2022 18:36	
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		0	ng/L	1.67	EPA 537.1	02/02/2022 11:44	WL
								02/03/2022 18:36	
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		0	ng/L	1.67	EPA 537.1	02/02/2022 11:44	WL
								02/03/2022 18:36	
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		0	ng/L	1.67	EPA 537.1	02/02/2022 11:44	WL
								02/03/2022 18:36	
335-67-1	Perfluorooctanoic acid (PFOA)	ND		10	ng/L	1.67	EPA 537.1	02/02/2022 11:44	WL
							NELAC-NY12058	02/03/2022 18:36	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		10	ng/L	1.67	EPA 537.1	02/02/2022 11:44	WL
							NELAC-NY12058	02/03/2022 18:36	
375-95-1	* Perfluorononanoic acid (PFNA)	ND		0	ng/L	1.67	EPA 537.1	02/02/2022 11:44	WL
								02/03/2022 18:36	
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		0	ng/L	1.67	EPA 537.1	02/02/2022 11:44	WL
								02/03/2022 18:36	
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		0	ng/L	1.67	EPA 537.1	02/02/2022 11:44	WL
								02/03/2022 18:36	
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		0	ng/L	1.67	EPA 537.1	02/02/2022 11:44	WL
								02/03/2022 18:36	



Sample Information

Client Sample ID: HBWD 2-1 Field Blank

York Sample ID: 22B0021-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22B0021

UCMR 3

Drinking Water

February 1, 2022 7:45 am

02/01/2022

PFAS, EPA 537.1 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		0		ng/L	1.67	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 18:36	
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		0		ng/L	1.67	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 18:36	
2355-31-9	* N-MeFOSAA	ND		0		ng/L	1.67	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 18:36	
2991-50-6	* N-EtFOSAA	ND		0		ng/L	1.67	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 18:36	
756426-58-1	* 9CL-PF3ONS	ND		0		ng/L	1.67	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 18:36	
763051-92-9	* 11CL-PF3OUdS	ND		0		ng/L	1.67	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 18:36	
13252-13-6	* HFPO-DA (Gen-X)	ND		0		ng/L	1.67	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 18:36	
919005-14-4	* ADONA	ND		0		ng/L	1.67	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 18:36	

Surrogate Recoveries

Result

Acceptance Range

Surrogate: d5-N-EtFOSAA

108 %

70-130

Surrogate: 13C-PFDA

113 %

70-130

Surrogate: 13C-PFHxA

102 %

70-130

Surrogate: M3HFPO-DA

105 %

70-130

Sample Information

Client Sample ID: HBWD 2-2

York Sample ID: 22B0021-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22B0021

UCMR 3

Drinking Water

February 1, 2022 8:05 am

02/01/2022

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	02/03/2022 08:06	KH
							Certifications:	NELAC-NY10854	02/07/2022 12:59	

Surrogate Recoveries

Result

Acceptance Range

17647-74-4 Surrogate: 1,4-Dioxane-d8

104 %

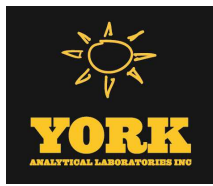
70-130

PFAS, EPA 537.1 List

Log-in Notes:

Sample Notes:





Sample Information

Client Sample ID: HBWD 2-2

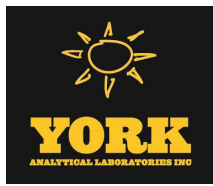
York Sample ID: 22B0021-03

<u>York Project (SDG) No.</u> 22B0021	<u>Client Project ID</u> UCMR 3	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> February 1, 2022 8:05 am	<u>Date Received</u> 02/01/2022
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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						
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		0		ng/L	1.79	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 18:49	
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		0		ng/L	1.79	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 18:49	
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		0		ng/L	1.79	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 18:49	
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		0		ng/L	1.79	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 18:49	
335-67-1	Perfluorooctanoic acid (PFOA)	ND		10		ng/L	1.79	EPA 537.1	02/02/2022 11:44	WL
							Certifications:	NELAC-NY12058	02/03/2022 18:49	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		10		ng/L	1.79	EPA 537.1	02/02/2022 11:44	WL
							Certifications:	NELAC-NY12058	02/03/2022 18:49	
375-95-1	* Perfluorononanoic acid (PFNA)	ND		0		ng/L	1.79	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 18:49	
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		0		ng/L	1.79	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 18:49	
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		0		ng/L	1.79	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 18:49	
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		0		ng/L	1.79	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 18:49	
72629-94-8	* Perfluorotridecanoic acid (PFTTrDA)	ND		0		ng/L	1.79	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 18:49	
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		0		ng/L	1.79	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 18:49	
2355-31-9	* N-MeFOSAA	ND		0		ng/L	1.79	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 18:49	
2991-50-6	* N-EtFOSAA	ND		0		ng/L	1.79	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 18:49	
756426-58-1	* 9CL-PF3ONS	ND		0		ng/L	1.79	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 18:49	
763051-92-9	* 11CL-PF3OUdS	ND		0		ng/L	1.79	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 18:49	
13252-13-6	* HFPO-DA (Gen-X)	ND		0		ng/L	1.79	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 18:49	
919005-14-4	* ADONA	ND		0		ng/L	1.79	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 18:49	

Surrogate Recoveries	Result	Acceptance Range
Surrogate: d5-N-EtFOSAA	106 %	70-130
Surrogate: 13C-PFDA	103 %	70-130
Surrogate: 13C-PFHxA	95.5 %	70-130
Surrogate: M3HFPO-DA	101 %	70-130



Sample Information

Client Sample ID: HBWD 2-2 Field Blank

York Sample ID: 22B0021-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22B0021

UCMR 3

Drinking Water

February 1, 2022 8:05 am

02/01/2022

PFAS, EPA 537.1 List

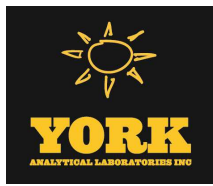
Log-in Notes:

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						
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		0		ng/L	2.00	EPA 537.1	02/02/2022 11:44	WL
									02/03/2022 19:02	
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		0		ng/L	2.00	EPA 537.1	02/02/2022 11:44	WL
									02/03/2022 19:02	
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		0		ng/L	2.00	EPA 537.1	02/02/2022 11:44	WL
									02/03/2022 19:02	
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		0		ng/L	2.00	EPA 537.1	02/02/2022 11:44	WL
									02/03/2022 19:02	
335-67-1	Perfluorooctanoic acid (PFOA)	ND		10		ng/L	2.00	EPA 537.1	02/02/2022 11:44	WL
								NELAC-NY12058	02/03/2022 19:02	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		10		ng/L	2.00	EPA 537.1	02/02/2022 11:44	WL
								NELAC-NY12058	02/03/2022 19:02	
375-95-1	* Perfluorononanoic acid (PFNA)	ND		0		ng/L	2.00	EPA 537.1	02/02/2022 11:44	WL
									02/03/2022 19:02	
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		0		ng/L	2.00	EPA 537.1	02/02/2022 11:44	WL
									02/03/2022 19:02	
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		0		ng/L	2.00	EPA 537.1	02/02/2022 11:44	WL
									02/03/2022 19:02	
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		0		ng/L	2.00	EPA 537.1	02/02/2022 11:44	WL
									02/03/2022 19:02	
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		0		ng/L	2.00	EPA 537.1	02/02/2022 11:44	WL
									02/03/2022 19:02	
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		0		ng/L	2.00	EPA 537.1	02/02/2022 11:44	WL
									02/03/2022 19:02	
2355-31-9	* N-MeFOSAA	ND		0		ng/L	2.00	EPA 537.1	02/02/2022 11:44	WL
									02/03/2022 19:02	
2991-50-6	* N-EtFOSAA	ND		0		ng/L	2.00	EPA 537.1	02/02/2022 11:44	WL
									02/03/2022 19:02	
756426-58-1	* 9CL-PF3ONS	ND		0		ng/L	2.00	EPA 537.1	02/02/2022 11:44	WL
									02/03/2022 19:02	
763051-92-9	* 11CL-PF3OUdS	ND		0		ng/L	2.00	EPA 537.1	02/02/2022 11:44	WL
									02/03/2022 19:02	
13252-13-6	* HFPO-DA (Gen-X)	ND		0		ng/L	2.00	EPA 537.1	02/02/2022 11:44	WL
									02/03/2022 19:02	
919005-14-4	* ADONA	ND		0		ng/L	2.00	EPA 537.1	02/02/2022 11:44	WL
									02/03/2022 19:02	

Surrogate Recoveries	Result	Acceptance Range
Surrogate: d5-N-EtFOSAA	118 %	70-130
Surrogate: 13C-PFDA	112 %	70-130
Surrogate: 13C-PFHxA	98.2 %	70-130
Surrogate: M3HFPO-DA	104 %	70-130



Sample Information

Client Sample ID: HBWD 4-1

York Sample ID: 22B0021-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22B0021

UCMR 3

Drinking Water

February 1, 2022 8:25 am

02/01/2022

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	02/03/2022 08:06	KH
							Certifications: NELAC-NY10854		02/07/2022 13:21	
	Surrogate Recoveries	Result		Acceptance Range						
17647-74-4	Surrogate: 1,4-Dioxane-d8	92.0 %		70-130						

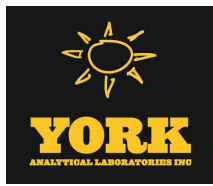
PFAS, EPA 537.1 List

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						
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		0		ng/L	1.89	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 19:15	
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		0		ng/L	1.89	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 19:15	
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		0		ng/L	1.89	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 19:15	
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		0		ng/L	1.89	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 19:15	
335-67-1	Perfluorooctanoic acid (PFOA)	ND		10		ng/L	1.89	EPA 537.1	02/02/2022 11:44	WL
							Certifications: NELAC-NY12058		02/03/2022 19:15	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		10		ng/L	1.89	EPA 537.1	02/02/2022 11:44	WL
							Certifications: NELAC-NY12058		02/03/2022 19:15	
375-95-1	* Perfluorononanoic acid (PFNA)	ND		0		ng/L	1.89	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 19:15	
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		0		ng/L	1.89	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 19:15	
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		0		ng/L	1.89	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 19:15	
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		0		ng/L	1.89	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 19:15	
72629-94-8	* Perfluorotridecanoic acid (PFTTrDA)	ND		0		ng/L	1.89	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 19:15	
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		0		ng/L	1.89	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 19:15	
2355-31-9	* N-MeFOSAA	ND		0		ng/L	1.89	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 19:15	
2991-50-6	* N-EtFOSAA	ND		0		ng/L	1.89	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 19:15	
756426-58-1	* 9CL-PF3ONS	ND		0		ng/L	1.89	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 19:15	
763051-92-9	* 11CL-PF3OUdS	ND		0		ng/L	1.89	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 19:15	



Sample Information

Client Sample ID: HBWD 4-1

York Sample ID: 22B0021-05

<u>York Project (SDG) No.</u> 22B0021	<u>Client Project ID</u> UCMR 3	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> February 1, 2022 8:25 am	<u>Date Received</u> 02/01/2022
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PFAS, EPA 537.1 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				
13252-13-6	* HFPO-DA (Gen-X)	ND		0	ng/L	1.89	EPA 537.1	02/02/2022 11:44	WL
						Certifications:		02/03/2022 19:15	
919005-14-4	* ADONA	ND		0	ng/L	1.89	EPA 537.1	02/02/2022 11:44	WL
						Certifications:		02/03/2022 19:15	
	Surrogate Recoveries	Result		Acceptance Range					
	Surrogate: d5-N-EtFOSAA	103 %		70-130					
	Surrogate: 13C-PFDA	106 %		70-130					
	Surrogate: 13C-PFHxA	97.2 %		70-130					
	Surrogate: M3HFPO-DA	99.5 %		70-130					

Sample Information

Client Sample ID: HBWD 4-1 Field Blank

York Sample ID: 22B0021-06

<u>York Project (SDG) No.</u> 22B0021	<u>Client Project ID</u> UCMR 3	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> February 1, 2022 8:25 am	<u>Date Received</u> 02/01/2022
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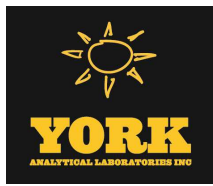
PFAS, EPA 537.1 List

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				
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		0	ng/L	1.67	EPA 537.1	02/02/2022 11:44	WL
						Certifications:		02/03/2022 19:28	
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		0	ng/L	1.67	EPA 537.1	02/02/2022 11:44	WL
						Certifications:		02/03/2022 19:28	
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		0	ng/L	1.67	EPA 537.1	02/02/2022 11:44	WL
						Certifications:		02/03/2022 19:28	
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		0	ng/L	1.67	EPA 537.1	02/02/2022 11:44	WL
						Certifications:		02/03/2022 19:28	
335-67-1	Perfluorooctanoic acid (PFOA)	ND		10	ng/L	1.67	EPA 537.1	02/02/2022 11:44	WL
						Certifications: NELAC-NY12058		02/03/2022 19:28	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		10	ng/L	1.67	EPA 537.1	02/02/2022 11:44	WL
						Certifications: NELAC-NY12058		02/03/2022 19:28	
375-95-1	* Perfluorononanoic acid (PFNA)	ND		0	ng/L	1.67	EPA 537.1	02/02/2022 11:44	WL
						Certifications:		02/03/2022 19:28	
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		0	ng/L	1.67	EPA 537.1	02/02/2022 11:44	WL
						Certifications:		02/03/2022 19:28	
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		0	ng/L	1.67	EPA 537.1	02/02/2022 11:44	WL
						Certifications:		02/03/2022 19:28	
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		0	ng/L	1.67	EPA 537.1	02/02/2022 11:44	WL
						Certifications:		02/03/2022 19:28	



Sample Information

Client Sample ID: HBWD 4-1 Field Blank

York Sample ID: 22B0021-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22B0021

UCMR 3

Drinking Water

February 1, 2022 8:25 am

02/01/2022

PFAS, EPA 537.1 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		0		ng/L	1.67	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 19:28	
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		0		ng/L	1.67	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 19:28	
2355-31-9	* N-MeFOSAA	ND		0		ng/L	1.67	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 19:28	
2991-50-6	* N-EtFOSAA	ND		0		ng/L	1.67	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 19:28	
756426-58-1	* 9CL-PF3ONS	ND		0		ng/L	1.67	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 19:28	
763051-92-9	* 11CL-PF3OUdS	ND		0		ng/L	1.67	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 19:28	
13252-13-6	* HFPO-DA (Gen-X)	ND		0		ng/L	1.67	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 19:28	
919005-14-4	* ADONA	ND		0		ng/L	1.67	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 19:28	

Surrogate Recoveries

Result

Acceptance Range

Surrogate: d5-N-EtFOSAA

94.5 %

70-130

Surrogate: 13C-PFDA

105 %

70-130

Surrogate: 13C-PFHxA

96.0 %

70-130

Surrogate: M3HFPO-DA

100 %

70-130

Sample Information

Client Sample ID: HBWD 4-2

York Sample ID: 22B0021-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22B0021

UCMR 3

Drinking Water

February 1, 2022 8:40 am

02/01/2022

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	02/03/2022 08:06	KH
							Certifications:	NELAC-NY10854	02/07/2022 13:42	

Surrogate Recoveries

Result

Acceptance Range

17647-74-4 Surrogate: 1,4-Dioxane-d8

100 %

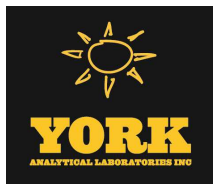
70-130

PFAS, EPA 537.1 List

Log-in Notes:

Sample Notes:





Sample Information

Client Sample ID: HBWD 4-2

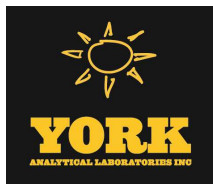
York Sample ID: 22B0021-07

<u>York Project (SDG) No.</u> 22B0021	<u>Client Project ID</u> UCMR 3	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> February 1, 2022 8:40 am	<u>Date Received</u> 02/01/2022
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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						
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		0		ng/L	1.85	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 19:41	
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		0		ng/L	1.85	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 19:41	
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		0		ng/L	1.85	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 19:41	
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		0		ng/L	1.85	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 19:41	
335-67-1	Perfluorooctanoic acid (PFOA)	ND		10		ng/L	1.85	EPA 537.1	02/02/2022 11:44	WL
							Certifications:	NELAC-NY12058	02/03/2022 19:41	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		10		ng/L	1.85	EPA 537.1	02/02/2022 11:44	WL
							Certifications:	NELAC-NY12058	02/03/2022 19:41	
375-95-1	* Perfluorononanoic acid (PFNA)	ND		0		ng/L	1.85	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 19:41	
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		0		ng/L	1.85	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 19:41	
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		0		ng/L	1.85	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 19:41	
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		0		ng/L	1.85	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 19:41	
72629-94-8	* Perfluorotridecanoic acid (PFTTrDA)	ND		0		ng/L	1.85	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 19:41	
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		0		ng/L	1.85	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 19:41	
2355-31-9	* N-MeFOSAA	ND		0		ng/L	1.85	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 19:41	
2991-50-6	* N-EtFOSAA	ND		0		ng/L	1.85	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 19:41	
756426-58-1	* 9CL-PF3ONS	ND		0		ng/L	1.85	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 19:41	
763051-92-9	* 11CL-PF3OUdS	ND		0		ng/L	1.85	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 19:41	
13252-13-6	* HFPO-DA (Gen-X)	ND		0		ng/L	1.85	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 19:41	
919005-14-4	* ADONA	ND		0		ng/L	1.85	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 19:41	

Surrogate Recoveries	Result	Acceptance Range
Surrogate: d5-N-EtFOSAA	97.9 %	70-130
Surrogate: 13C-PFDA	100 %	70-130
Surrogate: 13C-PFHxA	88.7 %	70-130
Surrogate: M3HFPO-DA	91.8 %	70-130



Sample Information

Client Sample ID: HBWD 4-2 Field Blank

York Sample ID: 22B0021-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22B0021

UCMR 3

Drinking Water

February 1, 2022 8:40 am

02/01/2022

PFAS, EPA 537.1 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						
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		0		ng/L	1.67	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 19:54	
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		0		ng/L	1.67	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 19:54	
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		0		ng/L	1.67	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 19:54	
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		0		ng/L	1.67	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 19:54	
335-67-1	Perfluorooctanoic acid (PFOA)	ND		10		ng/L	1.67	EPA 537.1	02/02/2022 11:44	WL
							Certifications:	NELAC-NY12058	02/03/2022 19:54	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		10		ng/L	1.67	EPA 537.1	02/02/2022 11:44	WL
							Certifications:	NELAC-NY12058	02/03/2022 19:54	
375-95-1	* Perfluorononanoic acid (PFNA)	ND		0		ng/L	1.67	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 19:54	
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		0		ng/L	1.67	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 19:54	
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		0		ng/L	1.67	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 19:54	
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		0		ng/L	1.67	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 19:54	
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		0		ng/L	1.67	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 19:54	
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		0		ng/L	1.67	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 19:54	
2355-31-9	* N-MeFOSAA	ND		0		ng/L	1.67	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 19:54	
2991-50-6	* N-EtFOSAA	ND		0		ng/L	1.67	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 19:54	
756426-58-1	* 9CL-PF3ONS	ND		0		ng/L	1.67	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 19:54	
763051-92-9	* 11CL-PF3OUdS	ND		0		ng/L	1.67	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 19:54	
13252-13-6	* HFPO-DA (Gen-X)	ND		0		ng/L	1.67	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 19:54	
919005-14-4	* ADONA	ND		0		ng/L	1.67	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 19:54	

Surrogate Recoveries

Result

Acceptance Range

Surrogate: d5-N-EtFOSAA

101 %

70-130

Surrogate: 13C-PFDA

98.7 %

70-130

Surrogate: 13C-PFHxA

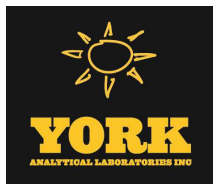
91.4 %

70-130

Surrogate: M3HFPO-DA

95.1 %

70-130



Sample Information

Client Sample ID: HBWD 3-1

York Sample ID: 22B0021-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22B0021

UCMR 3

Drinking Water

February 1, 2022 9:00 am

02/01/2022

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	02/03/2022 08:06	KH
							Certifications: NELAC-NY10854		02/07/2022 14:25	
	Surrogate Recoveries	Result		Acceptance Range						
17647-74-4	Surrogate: 1,4-Dioxane-d8	96.0 %		70-130						

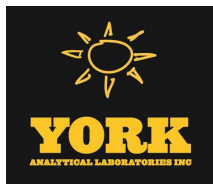
PFAS, EPA 537.1 List

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						
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		0		ng/L	1.85	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 20:07	
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		0		ng/L	1.85	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 20:07	
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		0		ng/L	1.85	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 20:07	
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		0		ng/L	1.85	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 20:07	
335-67-1	Perfluorooctanoic acid (PFOA)	ND		10		ng/L	1.85	EPA 537.1	02/02/2022 11:44	WL
							Certifications: NELAC-NY12058		02/03/2022 20:07	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		10		ng/L	1.85	EPA 537.1	02/02/2022 11:44	WL
							Certifications: NELAC-NY12058		02/03/2022 20:07	
375-95-1	* Perfluorononanoic acid (PFNA)	ND		0		ng/L	1.85	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 20:07	
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		0		ng/L	1.85	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 20:07	
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		0		ng/L	1.85	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 20:07	
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		0		ng/L	1.85	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 20:07	
72629-94-8	* Perfluorotridecanoic acid (PFTTrDA)	ND		0		ng/L	1.85	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 20:07	
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		0		ng/L	1.85	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 20:07	
2355-31-9	* N-MeFOSAA	ND		0		ng/L	1.85	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 20:07	
2991-50-6	* N-EtFOSAA	ND		0		ng/L	1.85	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 20:07	
756426-58-1	* 9CL-PF3ONS	ND		0		ng/L	1.85	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 20:07	
763051-92-9	* 11CL-PF3OUdS	ND		0		ng/L	1.85	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 20:07	



Sample Information

Client Sample ID: HBWD 3-1

York Sample ID: 22B0021-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22B0021

UCMR 3

Drinking Water

February 1, 2022 9:00 am

02/01/2022

PFAS, EPA 537.1 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						
13252-13-6	* HFPO-DA (Gen-X)	ND		0		ng/L	1.85	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 20:07	
919005-14-4	* ADONA	ND		0		ng/L	1.85	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 20:07	
	Surrogate Recoveries	Result		Acceptance Range						
	Surrogate: d5-N-EtFOSAA	118 %		70-130						
	Surrogate: 13C-PFDA	105 %		70-130						
	Surrogate: 13C-PFHxA	92.9 %		70-130						
	Surrogate: M3HFPO-DA	93.7 %		70-130						

Sample Information

Client Sample ID: HBWD 3-1 Field Blank

York Sample ID: 22B0021-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22B0021

UCMR 3

Drinking Water

February 1, 2022 9:00 am

02/01/2022

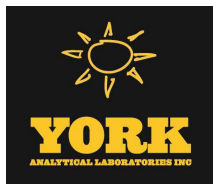
PFAS, EPA 537.1 List

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						
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		0		ng/L	1.89	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 20:33	
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		0		ng/L	1.89	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 20:33	
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		0		ng/L	1.89	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 20:33	
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		0		ng/L	1.89	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 20:33	
335-67-1	Perfluorooctanoic acid (PFOA)	ND		10		ng/L	1.89	EPA 537.1	02/02/2022 11:44	WL
							Certifications: NELAC-NY12058		02/03/2022 20:33	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		10		ng/L	1.89	EPA 537.1	02/02/2022 11:44	WL
							Certifications: NELAC-NY12058		02/03/2022 20:33	
375-95-1	* Perfluorononanoic acid (PFNA)	ND		0		ng/L	1.89	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 20:33	
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		0		ng/L	1.89	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 20:33	
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		0		ng/L	1.89	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 20:33	
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		0		ng/L	1.89	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 20:33	



Sample Information

Client Sample ID: HBWD 3-1 Field Blank

York Sample ID: 22B0021-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22B0021

UCMR 3

Drinking Water

February 1, 2022 9:00 am

02/01/2022

PFAS, EPA 537.1 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		0		ng/L	1.89	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 20:33	
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		0		ng/L	1.89	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 20:33	
2355-31-9	* N-MeFOSAA	ND		0		ng/L	1.89	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 20:33	
2991-50-6	* N-EtFOSAA	ND		0		ng/L	1.89	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 20:33	
756426-58-1	* 9CL-PF3ONS	ND		0		ng/L	1.89	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 20:33	
763051-92-9	* 11CL-PF3OUdS	ND		0		ng/L	1.89	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 20:33	
13252-13-6	* HFPO-DA (Gen-X)	ND		0		ng/L	1.89	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 20:33	
919005-14-4	* ADONA	ND		0		ng/L	1.89	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 20:33	

Surrogate Recoveries

Result

Acceptance Range

Surrogate: d5-N-EtFOSAA

103 %

70-130

Surrogate: 13C-PFDA

104 %

70-130

Surrogate: 13C-PFHxA

95.2 %

70-130

Surrogate: M3HFPO-DA

100 %

70-130

Sample Information

Client Sample ID: HBWD 3-3

York Sample ID: 22B0021-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22B0021

UCMR 3

Drinking Water

February 1, 2022 9:20 am

02/01/2022

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	02/03/2022 08:06	KH
							Certifications:	NELAC-NY10854	02/07/2022 14:44	

Surrogate Recoveries

Result

Acceptance Range

17647-74-4 Surrogate: 1,4-Dioxane-d8

100 %

70-130

PFAS, EPA 537.1 List

Log-in Notes:

Sample Notes:

120 RESEARCH DRIVE

STRATFORD, CT 06615



132-02 89th AVENUE

RICHMOND HILL, NY 11418

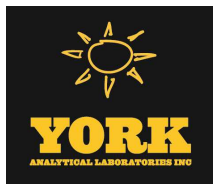
www.YORKLAB.com

(203) 325-1371

FAX (203) 357-0166

ClientServices@

Page 16 of 30



Sample Information

Client Sample ID: HBWD 3-3

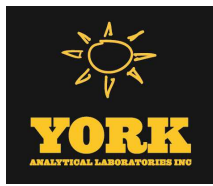
York Sample ID: 22B0021-11

<u>York Project (SDG) No.</u> 22B0021	<u>Client Project ID</u> UCMR 3	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> February 1, 2022 9:20 am	<u>Date Received</u> 02/01/2022
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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						
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		0		ng/L	1.85	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 20:47	
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		0		ng/L	1.85	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 20:47	
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		0		ng/L	1.85	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 20:47	
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		0		ng/L	1.85	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 20:47	
335-67-1	Perfluorooctanoic acid (PFOA)	ND		10		ng/L	1.85	EPA 537.1	02/02/2022 11:44	WL
							Certifications:	NELAC-NY12058	02/03/2022 20:47	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		10		ng/L	1.85	EPA 537.1	02/02/2022 11:44	WL
							Certifications:	NELAC-NY12058	02/03/2022 20:47	
375-95-1	* Perfluorononanoic acid (PFNA)	ND		0		ng/L	1.85	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 20:47	
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		0		ng/L	1.85	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 20:47	
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		0		ng/L	1.85	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 20:47	
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		0		ng/L	1.85	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 20:47	
72629-94-8	* Perfluorotridecanoic acid (PFTTrDA)	ND		0		ng/L	1.85	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 20:47	
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		0		ng/L	1.85	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 20:47	
2355-31-9	* N-MeFOSAA	ND		0		ng/L	1.85	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 20:47	
2991-50-6	* N-EtFOSAA	ND		0		ng/L	1.85	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 20:47	
756426-58-1	* 9CL-PF3ONS	ND		0		ng/L	1.85	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 20:47	
763051-92-9	* 11CL-PF3OUdS	ND		0		ng/L	1.85	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 20:47	
13252-13-6	* HFPO-DA (Gen-X)	ND		0		ng/L	1.85	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 20:47	
919005-14-4	* ADONA	ND		0		ng/L	1.85	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 20:47	

Surrogate Recoveries	Result	Acceptance Range
Surrogate: d5-N-EtFOSAA	108 %	70-130
Surrogate: 13C-PFDA	106 %	70-130
Surrogate: 13C-PFHxA	98.0 %	70-130
Surrogate: M3HFPO-DA	104 %	70-130



Sample Information

Client Sample ID: HBWD 3-3 Field Blank

York Sample ID: 22B0021-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22B0021

UCMR 3

Drinking Water

February 1, 2022 9:20 am

02/01/2022

PFAS, EPA 537.1 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 537.1 SPE DVB

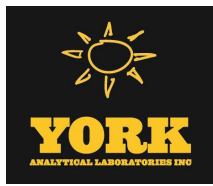
CAS No.	Parameter	Result	Flag	Maximum Contaminant Level		Units	Reported to LOQ	Reference Method	Date/Time Prep/Anal	Analyst
				MCL						
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		0		ng/L	1.85	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 21:00	
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		0		ng/L	1.85	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 21:00	
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		0		ng/L	1.85	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 21:00	
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		0		ng/L	1.85	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 21:00	
335-67-1	Perfluorooctanoic acid (PFOA)	ND		10		ng/L	1.85	EPA 537.1	02/02/2022 11:44	WL
							Certifications:	NELAC-NY12058	02/03/2022 21:00	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		10		ng/L	1.85	EPA 537.1	02/02/2022 11:44	WL
							Certifications:	NELAC-NY12058	02/03/2022 21:00	
375-95-1	* Perfluorononanoic acid (PFNA)	ND		0		ng/L	1.85	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 21:00	
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		0		ng/L	1.85	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 21:00	
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		0		ng/L	1.85	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 21:00	
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		0		ng/L	1.85	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 21:00	
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		0		ng/L	1.85	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 21:00	
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		0		ng/L	1.85	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 21:00	
2355-31-9	* N-MeFOSAA	ND		0		ng/L	1.85	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 21:00	
2991-50-6	* N-EtFOSAA	ND		0		ng/L	1.85	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 21:00	
756426-58-1	* 9CL-PF3ONS	ND		0		ng/L	1.85	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 21:00	
763051-92-9	* 11CL-PF3OUdS	ND		0		ng/L	1.85	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 21:00	
13252-13-6	* HFPO-DA (Gen-X)	ND		0		ng/L	1.85	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 21:00	
919005-14-4	* ADONA	ND		0		ng/L	1.85	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 21:00	

Surrogate Recoveries

Result

Acceptance Range

Surrogate: d5-N-EtFOSAA	108 %	70-130
Surrogate: 13C-PFDA	101 %	70-130
Surrogate: 13C-PFHxA	92.0 %	70-130
Surrogate: M3HFPO-DA	95.8 %	70-130



Sample Information

Client Sample ID: HBWD 5-1

York Sample ID: 22B0021-13

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22B0021

UCMR 3

Drinking Water

February 1, 2022 10:00 am

02/01/2022

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	02/03/2022 08:06	KH
							Certifications: NELAC-NY10854		02/07/2022 15:04	
	Surrogate Recoveries	Result		Acceptance Range						
17647-74-4	Surrogate: 1,4-Dioxane-d8	100 %		70-130						

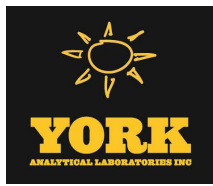
PFAS, EPA 537.1 List

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						
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		0		ng/L	1.89	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 21:13	
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		0		ng/L	1.89	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 21:13	
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		0		ng/L	1.89	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 21:13	
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		0		ng/L	1.89	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 21:13	
335-67-1	Perfluorooctanoic acid (PFOA)	ND		10		ng/L	1.89	EPA 537.1	02/02/2022 11:44	WL
							Certifications: NELAC-NY12058		02/03/2022 21:13	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		10		ng/L	1.89	EPA 537.1	02/02/2022 11:44	WL
							Certifications: NELAC-NY12058		02/03/2022 21:13	
375-95-1	* Perfluorononanoic acid (PFNA)	ND		0		ng/L	1.89	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 21:13	
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		0		ng/L	1.89	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 21:13	
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		0		ng/L	1.89	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 21:13	
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		0		ng/L	1.89	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 21:13	
72629-94-8	* Perfluorotridecanoic acid (PFTTrDA)	ND		0		ng/L	1.89	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 21:13	
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		0		ng/L	1.89	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 21:13	
2355-31-9	* N-MeFOSAA	ND		0		ng/L	1.89	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 21:13	
2991-50-6	* N-EtFOSAA	ND		0		ng/L	1.89	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 21:13	
756426-58-1	* 9CL-PF3ONS	ND		0		ng/L	1.89	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 21:13	
763051-92-9	* 11CL-PF3OUdS	ND		0		ng/L	1.89	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 21:13	



Sample Information

Client Sample ID: HBWD 5-1

York Sample ID: 22B0021-13

<u>York Project (SDG) No.</u> 22B0021	<u>Client Project ID</u> UCMR 3	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> February 1, 2022 10:00 am	<u>Date Received</u> 02/01/2022
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PFAS, EPA 537.1 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						
13252-13-6	* HFPO-DA (Gen-X)	ND		0		ng/L	1.89	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 21:13	
919005-14-4	* ADONA	ND		0		ng/L	1.89	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 21:13	
	Surrogate Recoveries	Result		Acceptance Range						
	Surrogate: d5-N-EtFOSAA	101 %		70-130						
	Surrogate: 13C-PFDA	102 %		70-130						
	Surrogate: 13C-PFHxA	94.1 %		70-130						
	Surrogate: M3HFPO-DA	96.4 %		70-130						

Sample Information

Client Sample ID: HBWD 3-3 Field Blank

York Sample ID: 22B0021-14

<u>York Project (SDG) No.</u> 22B0021	<u>Client Project ID</u> UCMR 3	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> February 1, 2022 10:00 am	<u>Date Received</u> 02/01/2022
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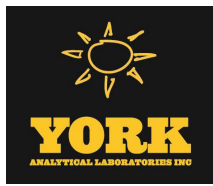
PFAS, EPA 537.1 List

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						
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		0		ng/L	1.58	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 21:26	
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		0		ng/L	1.58	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 21:26	
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		0		ng/L	1.58	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 21:26	
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		0		ng/L	1.58	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 21:26	
335-67-1	Perfluorooctanoic acid (PFOA)	ND		10		ng/L	1.58	EPA 537.1	02/02/2022 11:44	WL
							Certifications: NELAC-NY12058		02/03/2022 21:26	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		10		ng/L	1.58	EPA 537.1	02/02/2022 11:44	WL
							Certifications: NELAC-NY12058		02/03/2022 21:26	
375-95-1	* Perfluorononanoic acid (PFNA)	ND		0		ng/L	1.58	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 21:26	
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		0		ng/L	1.58	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 21:26	
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		0		ng/L	1.58	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 21:26	
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		0		ng/L	1.58	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 21:26	



Sample Information

Client Sample ID: HBWD 3-3 Field Blank

York Sample ID: 22B0021-14

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22B0021

UCMR 3

Drinking Water

February 1, 2022 10:00 am

02/01/2022

PFAS, EPA 537.1 List

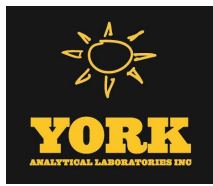
Log-in Notes:

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		0		ng/L	1.58	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 21:26	
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		0		ng/L	1.58	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 21:26	
2355-31-9	* N-MeFOSAA	ND		0		ng/L	1.58	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 21:26	
2991-50-6	* N-EtFOSAA	ND		0		ng/L	1.58	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 21:26	
756426-58-1	* 9CL-PF3ONS	ND		0		ng/L	1.58	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 21:26	
763051-92-9	* 11CL-PF3OUdS	ND		0		ng/L	1.58	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 21:26	
13252-13-6	* HFPO-DA (Gen-X)	ND		0		ng/L	1.58	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 21:26	
919005-14-4	* ADONA	ND		0		ng/L	1.58	EPA 537.1	02/02/2022 11:44	WL
							Certifications:		02/03/2022 21:26	

Surrogate Recoveries	Result	Acceptance Range
Surrogate: d5-N-EtFOSAA	86.6 %	70-130
Surrogate: 13C-PFDA	95.4 %	70-130
Surrogate: 13C-PFHxA	88.7 %	70-130
Surrogate: M3HFPO-DA	91.1 %	70-130



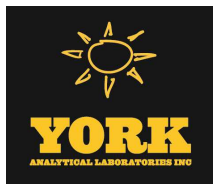
Analytical Batch Summary

Batch ID: BB21265 **Preparation Method:** EPA 537.1 SPE DVB **Prepared By:** WEL

YORK Sample ID	Client Sample ID	Preparation Date
22B0021-01	HBWD 2-1	02/02/22
22B0021-02	HBWD 2-1 Field Blank	02/02/22
22B0021-03	HBWD 2-2	02/02/22
22B0021-04	HBWD 2-2 Field Blank	02/02/22
22B0021-05	HBWD 4-1	02/02/22
22B0021-06	HBWD 4-1 Field Blank	02/02/22
22B0021-07	HBWD 4-2	02/02/22
22B0021-08	HBWD 4-2 Field Blank	02/02/22
22B0021-09	HBWD 3-1	02/02/22
22B0021-10	HBWD 3-1 Field Blank	02/02/22
22B0021-11	HBWD 3-3	02/02/22
22B0021-12	HBWD 3-3 Field Blank	02/02/22
22B0021-13	HBWD 5-1	02/02/22
22B0021-14	HBWD 3-3 Field Blank	02/02/22
BB21265-BLK1	Blank	02/02/22
BB21265-BS1	LCS	02/02/22
BB21265-BS2	LCS	02/02/22
BB21265-DUP1	Duplicate	02/02/22
BB21265-MS1	Matrix Spike	02/02/22

Batch ID: BB21316 **Preparation Method:** EPA 522 **Prepared By:** SJB

YORK Sample ID	Client Sample ID	Preparation Date
22B0021-01	HBWD 2-1	02/03/22
22B0021-03	HBWD 2-2	02/03/22
22B0021-05	HBWD 4-1	02/03/22
22B0021-07	HBWD 4-2	02/03/22
22B0021-09	HBWD 3-1	02/03/22
22B0021-11	HBWD 3-3	02/03/22
22B0021-13	HBWD 5-1	02/03/22
BB21316-BLK1	Blank	02/03/22
BB21316-BS1	LCS	02/03/22
BB21316-BS2	LCS	02/03/22
BB21316-DUP1	Duplicate	02/03/22
BB21316-MS1	Matrix Spike	02/03/22



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

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21316 - EPA 522											
Blank (BB21316-BLK1)											
										Prepared: 02/03/2022 Analyzed: 02/07/2022	
1,4-Dioxane	ND	0.200	ug/L								
Surrogate: 1,4-Dioxane-d8	5.80		"	5.00		116	70-130				
LCS (BB21316-BS1)											
										Prepared: 02/03/2022 Analyzed: 02/07/2022	
1,4-Dioxane	10.0	0.200	ug/L	10.0		100	70-130				
Surrogate: 1,4-Dioxane-d8	4.40		"	5.00		88.0	70-130				
LCS (BB21316-BS2)											
										Prepared: 02/03/2022 Analyzed: 02/07/2022	
1,4-Dioxane	18.3	0.200	ug/L	20.0		91.7	70-130				
Surrogate: 1,4-Dioxane-d8	4.80		"	5.00		96.0	70-130				
Duplicate (BB21316-DUP1)											
										*Source sample: 22A1007-01 (Duplicate)	
										Prepared: 02/03/2022 Analyzed: 02/07/2022	
1,4-Dioxane	ND	0.200	ug/L		ND						30
Surrogate: 1,4-Dioxane-d8	4.40		"	5.00		88.0	70-130				
Matrix Spike (BB21316-MS1)											
										*Source sample: 22A1007-01 (Matrix Spike)	
										Prepared: 02/03/2022 Analyzed: 02/07/2022	
1,4-Dioxane	9.34	0.200	ug/L	10.0	ND	93.4	70-130				
Surrogate: 1,4-Dioxane-d8	4.60		"	5.00		92.0	70-130				



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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BB21265 - EPA 537.1 SPE DVB

Blank (BB21265-BLK1)

Prepared: 02/02/2022 Analyzed: 02/03/2022

Perfluorobutanesulfonic acid (PFBS)	ND	2.00	ng/L								
Perfluorohexanoic acid (PFHxA)	ND	2.00	"								
Perfluoroheptanoic acid (PFHpA)	ND	2.00	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	2.00	"								
Perfluorooctanoic acid (PFOA)	ND	2.00	"								
Perfluorooctanesulfonic acid (PFOS)	ND	2.00	"								
Perfluorononanoic acid (PFNA)	ND	2.00	"								
Perfluorodecanoic acid (PFDA)	ND	2.00	"								
Perfluoroundecanoic acid (PFUnA)	ND	2.00	"								
Perfluorododecanoic acid (PFDoA)	ND	2.00	"								
Perfluorotridecanoic acid (PFTriDA)	ND	2.00	"								
Perfluorotetradecanoic acid (PFTA)	ND	2.00	"								
N-MeFOSAA	ND	2.00	"								
N-EtFOSAA	ND	2.00	"								
9CL-PF3ONS	ND	2.00	"								
11CL-PF3OUdS	ND	2.00	"								
HFPO-DA (Gen-X)	ND	2.00	"								
ADONA	ND	2.00	"								
Surrogate: d5-N-EtFOSAA	350		"	320		109	70-130				
Surrogate: 13C-PFDA	84.8		"	80.0		106	70-130				
Surrogate: 13C-PFHxA	79.0		"	80.0		98.8	70-130				
Surrogate: M3HFPO-DA	84.1		"	80.0		105	70-130				

LCS (BB21265-BS1)

Prepared: 02/02/2022 Analyzed: 02/03/2022

Perfluorobutanesulfonic acid (PFBS)	62.2	2.00	ng/L	70.8		87.8	70-130				
Perfluorohexanoic acid (PFHxA)	76.1	2.00	"	80.0		95.2	70-130				
Perfluoroheptanoic acid (PFHpA)	79.9	2.00	"	80.0		99.8	70-130				
Perfluorohexanesulfonic acid (PFHxS)	76.8	2.00	"	76.0		101	70-130				
Perfluorooctanoic acid (PFOA)	84.2	2.00	"	80.0		105	70-130				
Perfluorooctanesulfonic acid (PFOS)	82.9	2.00	"	76.8		108	70-130				
Perfluorononanoic acid (PFNA)	88.1	2.00	"	80.0		110	70-130				
Perfluorodecanoic acid (PFDA)	88.2	2.00	"	80.0		110	70-130				
Perfluoroundecanoic acid (PFUnA)	87.1	2.00	"	80.0		109	70-130				
Perfluorododecanoic acid (PFDoA)	86.6	2.00	"	80.0		108	70-130				
Perfluorotridecanoic acid (PFTriDA)	81.6	2.00	"	80.0		102	70-130				
Perfluorotetradecanoic acid (PFTA)	73.4	2.00	"	80.0		91.8	70-130				
N-MeFOSAA	80.4	2.00	"	80.0		101	70-130				
N-EtFOSAA	84.5	2.00	"	80.0		106	70-130				
9CL-PF3ONS	74.1	2.00	"	74.8		99.1	60-130				
11CL-PF3OUdS	81.0	2.00	"	75.6		107	60-130				
HFPO-DA (Gen-X)	81.8	2.00	"	80.0		102	60-130				
ADONA	75.8	2.00	"	75.6		100	60-130				
Surrogate: d5-N-EtFOSAA	312		"	320		97.5	70-130				
Surrogate: 13C-PFDA	83.1		"	80.0		104	70-130				
Surrogate: 13C-PFHxA	75.4		"	80.0		94.2	70-130				
Surrogate: M3HFPO-DA	78.9		"	80.0		98.6	70-130				



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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BB21265 - EPA 537.1 SPE DVB

LCS (BB21265-BS2)

Prepared: 02/02/2022 Analyzed: 02/03/2022

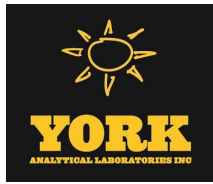
Perfluorobutanesulfonic acid (PFBS)	33.7	2.00	ng/L	35.4		95.3	70-130				
Perfluorohexanoic acid (PFHxA)	38.6	2.00	"	40.0		96.4	70-130				
Perfluoroheptanoic acid (PFHpA)	40.2	2.00	"	40.0		101	70-130				
Perfluorohexanesulfonic acid (PFHxS)	39.9	2.00	"	38.0		105	70-130				
Perfluorooctanoic acid (PFOA)	42.8	2.00	"	40.0		107	70-130				
Perfluorooctanesulfonic acid (PFOS)	42.5	2.00	"	38.4		111	70-130				
Perfluorononanoic acid (PFNA)	45.7	2.00	"	40.0		114	70-130				
Perfluorodecanoic acid (PFDA)	42.1	2.00	"	40.0		105	70-130				
Perfluoroundecanoic acid (PFUnA)	40.6	2.00	"	40.0		102	70-130				
Perfluorododecanoic acid (PFDoA)	41.6	2.00	"	40.0		104	70-130				
Perfluorotridecanoic acid (PFTriDA)	38.7	2.00	"	40.0		96.7	70-130				
Perfluorotetradecanoic acid (PFTA)	37.0	2.00	"	40.0		92.5	70-130				
N-MeFOSAA	42.5	2.00	"	40.0		106	70-130				
N-EtFOSAA	43.2	2.00	"	40.0		108	70-130				
9CL-PF3ONS	40.4	2.00	"	37.4		108	60-130				
11CL-PF3OUdS	39.7	2.00	"	37.8		105	60-130				
HFPO-DA (Gen-X)	40.1	2.00	"	40.0		100	60-130				
ADONA	37.5	2.00	"	37.8		99.1	60-130				
Surrogate: d5-N-EtFOSAA	332		"	320		104	70-130				
Surrogate: 13C-PFDA	77.7		"	80.0		97.1	70-130				
Surrogate: 13C-PFHxA	73.5		"	80.0		91.9	70-130				
Surrogate: M3HFPO-DA	78.7		"	80.0		98.4	70-130				

Duplicate (BB21265-DUP1)

*Source sample: 22B0008-01 (Duplicate)

Prepared: 02/02/2022 Analyzed: 02/03/2022

Perfluorobutanesulfonic acid (PFBS)	2.40	1.49	ng/L		2.62				8.81	25	
Perfluorohexanoic acid (PFHxA)	1.94	1.49	"		1.90				1.95	25	
Perfluoroheptanoic acid (PFHpA)	1.16	1.49	"		1.09				5.57	25	
Perfluorohexanesulfonic acid (PFHxS)	0.908	1.49	"		1.06				15.1	25	
Perfluorooctanoic acid (PFOA)	5.15	1.49	"		4.64				10.5	25	
Perfluorooctanesulfonic acid (PFOS)	5.41	1.49	"		6.55				19.1	25	
Perfluorononanoic acid (PFNA)	ND	1.49	"		ND					25	
Perfluorodecanoic acid (PFDA)	ND	1.49	"		ND					25	
Perfluoroundecanoic acid (PFUnA)	ND	1.49	"		ND					25	
Perfluorododecanoic acid (PFDoA)	ND	1.49	"		ND					25	
Perfluorotridecanoic acid (PFTriDA)	ND	1.49	"		ND					25	
Perfluorotetradecanoic acid (PFTA)	ND	1.49	"		ND					25	
N-MeFOSAA	ND	1.49	"		ND					25	
N-EtFOSAA	ND	1.49	"		ND					25	
9CL-PF3ONS	ND	1.49	"		ND					25	
11CL-PF3OUdS	ND	1.49	"		ND					25	
HFPO-DA (Gen-X)	ND	1.49	"		ND					25	
ADONA	ND	1.49	"		ND					25	
Surrogate: d5-N-EtFOSAA	247		"	238		104	70-130				
Surrogate: 13C-PFDA	62.2		"	59.5		105	70-130				
Surrogate: 13C-PFHxA	57.9		"	59.5		97.3	70-130				
Surrogate: M3HFPO-DA	61.0		"	59.5		102	70-130				



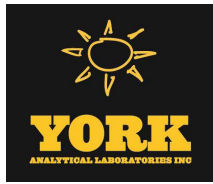
PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BB21265 - EPA 537.1 SPE DVB

Matrix Spike (BB21265-MS1)	*Source sample: 22B0008-02 (Matrix Spike)						Prepared: 02/02/2022 Analyzed: 02/03/2022	
Perfluorobutanesulfonic acid (PFBS)	42.1	1.34	ng/L	47.6	2.56	83.0	70-130	
Perfluorohexanoic acid (PFHxA)	50.2	1.34	"	53.8	1.88	89.9	70-130	
Perfluoroheptanoic acid (PFHpA)	53.4	1.34	"	53.8	1.03	97.4	70-130	
Perfluorohexanesulfonic acid (PFHxS)	49.8	1.34	"	51.1	0.919	95.7	70-130	
Perfluorooctanoic acid (PFOA)	59.8	1.34	"	53.8	4.61	103	70-130	
Perfluorooctanesulfonic acid (PFOS)	58.9	1.34	"	51.6	6.29	102	70-130	
Perfluorononanoic acid (PFNA)	55.8	1.34	"	53.8	ND	104	70-130	
Perfluorodecanoic acid (PFDA)	52.3	1.34	"	53.8	ND	97.4	70-130	
Perfluoroundecanoic acid (PFUnA)	50.2	1.34	"	53.8	ND	93.3	70-130	
Perfluorododecanoic acid (PFDoA)	53.9	1.34	"	53.8	ND	100	70-130	
Perfluorotridecanoic acid (PFTriDA)	48.4	1.34	"	53.8	ND	90.1	70-130	
Perfluorotetradecanoic acid (PFTA)	44.9	1.34	"	53.8	ND	83.5	70-130	
N-MeFOSAA	51.3	1.34	"	53.8	ND	95.5	70-130	
N-EtFOSAA	55.9	1.34	"	53.8	ND	104	70-130	
9CL-PF3ONS	48.2	1.34	"	50.3	ND	96.0	70-130	
11CL-PF3OUdS	45.2	1.34	"	50.8	ND	88.9	70-130	
HFPO-DA (Gen-X)	50.0	1.34	"	53.8	ND	93.1	70-130	
ADONA	49.0	1.34	"	50.8	ND	96.4	50-130	
Surrogate: d5-N-EtFOSAA	214		"	215		99.5	70-130	
Surrogate: 13C-PFDA	50.9		"	53.8		94.7	70-130	
Surrogate: 13C-PFHxA	48.1		"	53.8		89.5	70-130	
Surrogate: M3HFPO-DA	50.3		"	53.8		93.6	70-130	



Sample and Data Qualifiers Relating to This Work Order

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 according.



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Field Chain-of-Custody Record

YORK Project No.
22B0021

NOTE: 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.

Page _____ of _____

YOUR INFORMATION		Report To:		Invoice To:		Turn-Around Time	
Hampton Bays Water District		Hampton Bays Water District		Hampton Bays Water District		RUSH - Next Day	
188 Ponquogue Ave. / PO Box 1013		188 Ponquogue Ave. / PO Box 1013		PO Box 1013		RUSH - Two Day	
Hampton Bays, N.Y. 11946		Hampton Bays, N.Y. 11946		Hampton Bays N.Y. 11946		RUSH - Three Day	
(631) 728-0179 ext: 4213		(631) 728-0179		(631) 728-0179 ext: 4210		RUSH - Four Day	
Keith Tuthill		Keith Tuthill		Stella Michaels		Standard (5-7 Day) X	

ktuthilljr@southamptontownny.gov ktuthilljr@southamptontownny.gov YOUR PO#:

Please print clearly and legibly. All information must be complete.
Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

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	Standard Excel EDD
DW - drinking water	Connecticut	NY ASP A Package	EQUIS (Standard)
WW - wastewater	Pennsylvania	NY ASP B Package	NYSDEC EQUIS
O - Oil Other	Other	Deliverables	NJDEP SRP HazSite
		NJDKQP	Other:

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
HBWD 2-1	GW	2-1-22 / 7:45AM	PFAS	Plastic
HBWD 2-1	GW	2-1-22 / 7:45AM	Field Blank	Plastic
HBWD 2-1	GW	2-1-22 / 7:45AM	1.4 Diuron	Glass
HBWD 2-2	GW	2-1-22 / 8:05AM	PFAS	Plastic
HBWD 2-2	GW	2-1-22 / 8:05AM	Field Blank	Plastic
HBWD 2-2	GW	2-1-22 / 8:05AM	1.4 Diuron	Glass
HBWD 4-1	GW	2-1-22 / 8:25AM	PFAS	Plastic
HBWD 4-1	GW	2-1-22 / 8:25AM	Field Blank	Plastic
HBWD 4-1	GW	2-1-22 / 8:25AM	1.4 Diuron	Glass
HBWD 4-2	GW	2-1-22 / 8:40AM	PFAS	Plastic

Comments:

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

1. Samples Relinquished by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Keith Tuthill	2-1-22 / 11:00 AM	Hydrolytic efflu	1710
3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
4. Samples Relinquished by / Company	Date/Time	4. Samples Received in LAB by	Date/Time
		Scientific maximum	21122 1710 7.5



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Field Chain-of-Custody Record

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document. This document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No.
 22B0021

Page _____ of _____

YOUR INFORMATION		Report To:		Invoice To:		Report / EDD Type (circle selections)		YORK Reg. Comp.	
Hampton Bays Water District		Hampton Bays Water District		Hampton Bays Water District		Summary Report		Compared to the following Regulation(s): (please fill in)	
188 Ponquogue Ave / PO Box 1013		188 Ponquogue Ave. / PO Box 1013		PO Box 1013		CT RCP		Standard Excel EDD	
Hampton Bays, N.Y. 11946		Hampton Bays, N.Y. 11946		Hampton Bays N.Y. 11946		QA Report		EQulS (Standard)	
(631) 728-0179 ext. 4213		(631) 728-0179		(631) 728-0179 ext. 4210		NY ASP A Package		NYSEDEC EQulS	
Keith Tuthill		Keith Tuthill		Stella Michaels		NY ASP B Package		NJDEP SRP HazSite	
ktuthilljr@southamptonwny.gov		ktuthilljr@southamptonwny.gov		smichaelis@southamptonwny.gov		Other:		NJDKQP	
Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.		Matrix Codes		Samples From		Report / EDD Type (circle selections)		YORK Reg. Comp.	
Keith Tuthill		S - soil / solid		New York		CT RCP		Compared to the following Regulation(s): (please fill in)	
		GW - groundwater		New Jersey		CT RCP DQA/DUE			
		DW - drinking water		Connecticut		NY ASP A Package			
		WW - wastewater		Pennsylvania		NY ASP B Package			
		O - Oil		Other		Deliverables			
		Sample Matrix		Date/Time Sampled		Analysis Requested		Container Description	
HBWD 4-2		GW		2-1-22 / 8:40AM		Field Blank		Plastic	
HBWD 4-2		GW		2-1-22 / 5:40AM		1:4 Dioxane		Glass	
HBWD 3-1		GW		2-1-22 / 9:00AM		PFAS		Plastic	
HBWD 3-1		GW		2-1-22 / 9:00AM		Field Blank		Plastic	
HBWD 3-1		GW		2-1-22 / 9:00AM		1:4 Dioxane		Glass	
HBWD 3-3		GW		2-1-22 / 9:20AM		PFAS		Plastic	
HBWD 3-3		GW		2-1-22 / 9:20AM		Field Blank		Plastic	
HBWD 3-3		GW		2-1-22 / 9:20AM		1:4 Dioxane		Glass	
HBWD 5-1		GW		2-1-22 / 10:00AM		PFAS		Plastic	
HBWD 5-1		GW		2-1-22 / 10:00AM		Field Blank		Plastic	
Comments: 3-1 RAN TO WASTE 3-3 RAW TO WASTE		3-2 out of service				Preservation: (check all that apply)		Special Instruction	
						HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other: ___		Field Filtered ___ Lab to Filter ___	
1. Samples Relinquished by / Company		Date/Time		2. Samples Relinquished by / Company		Date/Time		Date/Time	
Keith Tuthill		2/1/22 11:00AM		Bioshore		2-1-22 12:50PM		1710	
3. Samples Relinquished by / Company		Date/Time		3. Samples Relinquished by / Company		Date/Time		Date/Time	
4. Samples Relinquished by / Company		Date/Time		4. Samples Relinquished by / Company		Date/Time		Temp. Received at Lab	
								Temp. Received at Lab	
								25 Degrees C	

