Technical Report
for
Emerging Contaminants

prepared for:

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

Report Date: 07/18/2024
Client Project ID: WEll 1-2/GAC INFLUENT/ EFFLUENT
York Project (SDG) No.: 24G0039

Stratford, CT Laboratory IDs:
NY:10854, NJ: CT005, PA: 68-0440, CT: PH-0723

Richmond Hill, NY Laboratory IDs:
NY:12058, NJ: NY037, CT: PH-0721, NH: 2097,
EPA: NY01600

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@yorklab.com

Report Date: 07/18/2024
Client Project ID: WEll 1-2/GAC INFLUENT/ EFFLUENT
York Project (SDG) No.: 24G0039

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 July 01, 2024 and listed below. The project was identified as your project: **WEll 1-2/GAC INFLUENT/ EFFLUENT**.

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.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
24G0039-01	GAC INLFUENT	Drinking Water	07/01/2024	07/01/2024
24G0039-02	GAC INLFUENT FB	Drinking Water	07/01/2024	07/01/2024
24G0039-03	GAC EFFLUENT	Drinking Water	07/01/2024	07/01/2024
24G0039-04	GAC EFFLUENT FB	Drinking Water	07/01/2024	07/01/2024
24G0039-05	WELL 1-2	Drinking Water	07/01/2024	07/01/2024

General Notes for York Project (SDG) No.: 24G0039

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

Approved By: 

Cassie L. Mosher
Laboratory Manager

Date: 07/18/2024

Sample Information

Client Sample ID: GAC INLFUENT **York Sample ID:** 24G0039-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G0039	WEll 1-2/GAC INFLUENT/ EFFLUENT	Drinking Water	July 1, 2024 8:00 am	07/01/2024

PFAS, EPA 533 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 533

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level MCL	Units	Reported to LOQ	Reference Method	Date/Time Prep/Anal.	Analyst
919005-14-4	ADONA	ND		-	ng/L	0.893	EPA 533	07/08/2024 18:48	ESJ
					Certifications:		NELAC-NY12058	07/10/2024 13:51	
756426-58-1	9CL-PF3ONS	ND		-	ng/L	0.893	EPA 533	07/08/2024 18:48	ESJ
					Certifications:		NELAC-NY12058	07/10/2024 13:51	
763051-92-9	11CL-PF3OUdS	ND		-	ng/L	0.893	EPA 533	07/08/2024 18:48	ESJ
					Certifications:		NELAC-NY12058	07/10/2024 13:51	
13252-13-6	HFPO-DA (Gen-X)	ND		-	ng/L	0.893	EPA 533	07/08/2024 18:48	ESJ
					Certifications:		NELAC-NY12058	07/10/2024 13:51	
375-73-5	**Perfluorobutanesulfonic acid (PFBS)**	**3.32**		-	ng/L	0.893	EPA 533	07/08/2024 18:48	ESJ
					Certifications:		NELAC-NY12058	07/10/2024 13:51	
335-76-2	Perfluorodecanoic acid (PFDA)	ND		10	ng/L	0.893	EPA 533	07/08/2024 18:48	ESJ
					Certifications:		NELAC-NY12058	07/10/2024 13:51	
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		-	ng/L	0.893	EPA 533	07/08/2024 18:48	ESJ
					Certifications:		NELAC-NY12058	07/10/2024 13:51	
375-85-9	**Perfluoroheptanoic acid (PFHpA)**	**4.41**		10	ng/L	0.893	EPA 533	07/08/2024 18:48	ESJ
					Certifications:		NELAC-NY12058	07/10/2024 13:51	
355-46-4	**Perfluorohexanesulfonic acid (PFHxS)**	**17.8**		10	ng/L	0.893	EPA 533	07/08/2024 18:48	ESJ
					Certifications:		NELAC-NY12058	07/10/2024 13:51	
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**7.57**		-	ng/L	0.893	EPA 533	07/08/2024 18:48	ESJ
					Certifications:		NELAC-NY12058	07/10/2024 13:51	
375-95-1	**Perfluorononanoic acid (PFNA)**	**6.24**		10	ng/L	0.893	EPA 533	07/08/2024 18:48	ESJ
					Certifications:		NELAC-NY12058	07/10/2024 13:51	
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**49.9**		4	ng/L	0.893	EPA 533	07/08/2024 18:48	ESJ
					Certifications:		NELAC-NY12058	07/10/2024 13:51	
335-67-1	**Perfluorooctanoic acid (PFOA)**	**6.79**		4	ng/L	0.893	EPA 533	07/08/2024 18:48	ESJ
					Certifications:		NELAC-NY12058	07/10/2024 13:51	
2058-94-8	**Perfluoroundecanoic acid (PFUnA)**	**1.09**		-	ng/L	0.893	EPA 533	07/08/2024 18:48	ESJ
					Certifications:		NELAC-NY12058	07/10/2024 13:51	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		-	ng/L	0.893	EPA 533	07/08/2024 18:48	ESJ
					Certifications:		NELAC-NY12058	07/10/2024 13:51	
2706-91-4	**Perfluoro-1-pentanesulfonate (PFPeS)**	**1.10**		-	ng/L	0.893	EPA 533	07/08/2024 18:48	ESJ
					Certifications:		NELAC-NY12058	07/10/2024 13:51	
375-22-4	**Perfluoro-n-butanoic acid (PFBA)**	**3.12**		-	ng/L	0.893	EPA 533	07/08/2024 18:48	ESJ
					Certifications:		NELAC-NY12058	07/10/2024 13:51	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		-	ng/L	1.79	EPA 533	07/08/2024 18:48	ESJ
					Certifications:		NELAC-NY12058	07/10/2024 13:51	
27619-97-2	**1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)**	**2.17**		-	ng/L	1.79	EPA 533	07/08/2024 18:48	ESJ
					Certifications:		NELAC-NY12058	07/10/2024 13:51	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		-	ng/L	1.79	EPA 533	07/08/2024 18:48	ESJ
					Certifications:		NELAC-NY12058	07/10/2024 13:51	

Sample Information

Client Sample ID: GAC INLFUENT **York Sample ID:** 24G0039-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G0039	WEll 1-2/GAC INFLUENT/ EFFLUENT	Drinking Water	July 1, 2024 8:00 am	07/01/2024

PFAS, EPA 533 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 533

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level MCL	Units	Reported to LOQ	Reference Method	Date/Time Prep/Anal.	Analyst
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	7.80		-	ng/L	0.893	EPA 533	07/08/2024 18:48	ESJ
					Certifications:		NELAC-NY12058	07/10/2024 13:51	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		-	ng/L	0.893	EPA 533	07/08/2024 18:48	ESJ
					Certifications:		NELAC-NY12058	07/10/2024 13:51	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		-	ng/L	0.893	EPA 533	07/08/2024 18:48	ESJ
					Certifications:		NELAC-NY12058	07/10/2024 13:51	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		-	ng/L	0.893	EPA 533	07/08/2024 18:48	ESJ
					Certifications:		NELAC-NY12058	07/10/2024 13:51	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		-	ng/L	0.893	EPA 533	07/08/2024 18:48	ESJ
					Certifications:		NELAC-NY12058	07/10/2024 13:51	

Surrogate Recoveries	Result		Acceptance Range
Surrogate: MPFDoA	*87.7 %*		*50-200*
Surrogate: MPFBA	*98.5 %*		*50-200*
Surrogate: M9PFNA	*95.0 %*		*50-200*
Surrogate: M8PFOS	*96.8 %*		*50-200*
Surrogate: M8PFOA	*93.9 %*		*50-200*
Surrogate: M7PFUdA	*89.1 %*		*50-200*
Surrogate: M6PFDA	*95.5 %*		*50-200*
Surrogate: M5PFPeA	*98.5 %*		*50-200*
Surrogate: M5PFHxA	*88.4 %*		*50-200*
Surrogate: M4PFHpA	*94.2 %*		*50-200*
Surrogate: M3PFHxS	*88.9 %*		*50-200*
Surrogate: M3PFBS	*87.9 %*		*50-200*
Surrogate: M3HFPO-DA	*82.3 %*		*50-200*
Surrogate: M2-8:2 FTS	*204 %*	PFSu-H	*50-200*
Surrogate: M2-6:2 FTS	*121 %*		*50-200*
Surrogate: M2-4:2 FTS	*95.5 %*		*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 MCL	Units	Reported to LOQ	Reference Method	Date/Time Prep/Anal.	Analyst
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		-	ng/L	1.84	EPA 537.1	07/05/2024 12:09	KFH
					Certifications:		NELAC-NY12058	07/09/2024 13:10	
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		-	ng/L	1.84	EPA 537.1	07/05/2024 12:09	KFH
					Certifications:		NELAC-NY12058	07/09/2024 13:10	
2355-31-9	N-MeFOSAA	ND		-	ng/L	1.84	EPA 537.1	07/05/2024 12:09	KFH
					Certifications:		NELAC-NY12058	07/09/2024 13:10	
2991-50-6	N-EtFOSAA	ND		-	ng/L	1.84	EPA 537.1	07/05/2024 12:09	KFH
					Certifications:		NELAC-NY12058	07/09/2024 13:10	

Sample Information

Client Sample ID: GAC INLFUENT **York Sample ID:** 24G0039-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G0039	WEll 1-2/GAC INFLUENT/ EFFLUENT	Drinking Water	July 1, 2024 8:00 am	07/01/2024

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 MCL	Units	Reported to LOQ	Reference Method	Date/Time Prep/Anal.	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**					
	Surrogate: d5-N-EtFOSAA	*68.0 %*	PFSL	*70-130*					
	Surrogate: MPFDA	*92.2 %*		*70-130*					
	Surrogate: MPFHxA	*82.8 %*		*70-130*					
	Surrogate: M3HFPO-DA	*79.1 %*		*70-130*					

Sample Information

Client Sample ID: GAC INLFUENT FB **York Sample ID:** 24G0039-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G0039	WEll 1-2/GAC INFLUENT/ EFFLUENT	Drinking Water	July 1, 2024 8:00 am	07/01/2024

PFAS, EPA 533 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 533

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level MCL	Units	Reported to LOQ	Reference Method	Date/Time Prep/Anal.	Analyst
919005-14-4	ADONA	ND		-	ng/L	0.930	EPA 533	07/16/2024 14:52	JTG
					Certifications:		NELAC-NY12058	07/18/2024 04:11	
756426-58-1	9CL-PF3ONS	ND		-	ng/L	0.930	EPA 533	07/16/2024 14:52	JTG
					Certifications:		NELAC-NY12058	07/18/2024 04:11	
763051-92-9	11CL-PF3OUdS	ND		-	ng/L	0.930	EPA 533	07/16/2024 14:52	JTG
					Certifications:		NELAC-NY12058	07/18/2024 04:11	
13252-13-6	HFPO-DA (Gen-X)	ND		-	ng/L	0.930	EPA 533	07/16/2024 14:52	JTG
					Certifications:		NELAC-NY12058	07/18/2024 04:11	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		-	ng/L	0.930	EPA 533	07/16/2024 14:52	JTG
					Certifications:		NELAC-NY12058	07/18/2024 04:11	
335-76-2	Perfluorodecanoic acid (PFDA)	ND		10	ng/L	0.930	EPA 533	07/16/2024 14:52	JTG
					Certifications:		NELAC-NY12058	07/18/2024 04:11	
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		-	ng/L	0.930	EPA 533	07/16/2024 14:52	JTG
					Certifications:		NELAC-NY12058	07/18/2024 04:11	
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		10	ng/L	0.930	EPA 533	07/16/2024 14:52	JTG
					Certifications:		NELAC-NY12058	07/18/2024 04:11	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		10	ng/L	0.930	EPA 533	07/16/2024 14:52	JTG
					Certifications:		NELAC-NY12058	07/18/2024 04:11	
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		-	ng/L	0.930	EPA 533	07/16/2024 14:52	JTG
					Certifications:		NELAC-NY12058	07/18/2024 04:11	
375-95-1	Perfluorononanoic acid (PFNA)	ND		10	ng/L	0.930	EPA 533	07/16/2024 14:52	JTG
					Certifications:		NELAC-NY12058	07/18/2024 04:11	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		4	ng/L	0.930	EPA 533	07/16/2024 14:52	JTG
					Certifications:		NELAC-NY12058	07/18/2024 04:11	

Sample Information

Client Sample ID: GAC INLFUENT FB

York Sample ID: 24G0039-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G0039	WEll 1-2/GAC INFLUENT/ EFFLUENT	Drinking Water	July 1, 2024 8:00 am	07/01/2024

PFAS, EPA 533 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 533

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level MCL	Units	Reported to LOQ	Reference Method	Date/Time Prep/Anal.	Analyst
335-67-1	Perfluorooctanoic acid (PFOA)	ND		4	ng/L	0.930	EPA 533	07/16/2024 14:52	JTG
					Certifications:		NELAC-NY12058	07/18/2024 04:11	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		-	ng/L	0.930	EPA 533	07/16/2024 14:52	JTG
					Certifications:		NELAC-NY12058	07/18/2024 04:11	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		-	ng/L	0.930	EPA 533	07/16/2024 14:52	JTG
					Certifications:		NELAC-NY12058	07/18/2024 04:11	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		-	ng/L	0.930	EPA 533	07/16/2024 14:52	JTG
					Certifications:		NELAC-NY12058	07/18/2024 04:11	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		-	ng/L	0.930	EPA 533	07/16/2024 14:52	JTG
					Certifications:		NELAC-NY12058	07/18/2024 04:11	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		-	ng/L	1.86	EPA 533	07/16/2024 14:52	JTG
					Certifications:		NELAC-NY12058	07/18/2024 04:11	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		-	ng/L	1.86	EPA 533	07/16/2024 14:52	JTG
					Certifications:		NELAC-NY12058	07/18/2024 04:11	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		-	ng/L	1.86	EPA 533	07/16/2024 14:52	JTG
					Certifications:		NELAC-NY12058	07/18/2024 04:11	
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		-	ng/L	0.930	EPA 533	07/16/2024 14:52	JTG
					Certifications:		NELAC-NY12058	07/18/2024 04:11	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		-	ng/L	0.930	EPA 533	07/16/2024 14:52	JTG
					Certifications:		NELAC-NY12058	07/18/2024 04:11	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		-	ng/L	0.930	EPA 533	07/16/2024 14:52	JTG
					Certifications:		NELAC-NY12058	07/18/2024 04:11	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		-	ng/L	0.930	EPA 533	07/16/2024 14:52	JTG
					Certifications:		NELAC-NY12058	07/18/2024 04:11	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		-	ng/L	0.930	EPA 533	07/16/2024 14:52	JTG
					Certifications:		NELAC-NY12058	07/18/2024 04:11	

Surrogate Recoveries	Result	Acceptance Range
Surrogate: MPFDoA	*66.1 %*	*50-200*
Surrogate: MPFBA	*86.2 %*	*50-200*
Surrogate: M9PFNA	*83.5 %*	*50-200*
Surrogate: M8PFOS	*90.7 %*	*50-200*
Surrogate: M8PFOA	*89.8 %*	*50-200*
Surrogate: M7PFUdA	*68.8 %*	*50-200*
Surrogate: M6PFDA	*80.0 %*	*50-200*
Surrogate: M5PFPeA	*90.6 %*	*50-200*
Surrogate: M5PFHxA	*77.9 %*	*50-200*
Surrogate: M4PFHpA	*85.9 %*	*50-200*
Surrogate: M3PFHxS	*80.4 %*	*50-200*
Surrogate: M3PFBS	*83.4 %*	*50-200*
Surrogate: M3HFPO-DA	*70.0 %*	*50-200*
Surrogate: M2-8:2 FTS	*153 %*	*50-200*

Sample Information

Client Sample ID: GAC INLFUENT FB **York Sample ID:** 24G0039-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G0039	WEll 1-2/GAC INFLUENT/ EFFLUENT	Drinking Water	July 1, 2024 8:00 am	07/01/2024

PFAS, EPA 533 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 533

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level MCL	Units	Reported to LOQ	Reference Method	Date/Time Prep/Anal.	Analyst
	Surrogate: M2-6:2 FTS	*86.6 %*		*50-200*					
	Surrogate: M2-4:2 FTS	*79.2 %*		*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 MCL	Units	Reported to LOQ	Reference Method	Date/Time Prep/Anal.	Analyst
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		-	ng/L	1.79	EPA 537.1	07/05/2024 12:09	KFH
					Certifications:		NELAC-NY12058	07/09/2024 13:35	
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		-	ng/L	1.79	EPA 537.1	07/05/2024 12:09	KFH
					Certifications:		NELAC-NY12058	07/09/2024 13:35	
2355-31-9	N-MeFOSAA	ND		-	ng/L	1.79	EPA 537.1	07/05/2024 12:09	KFH
					Certifications:		NELAC-NY12058	07/09/2024 13:35	
2991-50-6	N-EtFOSAA	ND		-	ng/L	1.79	EPA 537.1	07/05/2024 12:09	KFH
					Certifications:		NELAC-NY12058	07/09/2024 13:35	

Surrogate Recoveries	Result	Acceptance Range
Surrogate: d5-N-EtFOSAA	*70.2 %*	*70-130*
Surrogate: MPFDA	*97.5 %*	*70-130*
Surrogate: MPFHxA	*86.9 %*	*70-130*
Surrogate: M3HFPO-DA	*103 %*	*70-130*

Sample Information

Client Sample ID: GAC EFFLUENT **York Sample ID:** 24G0039-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G0039	WEll 1-2/GAC INFLUENT/ EFFLUENT	Drinking Water	July 1, 2024 8:15 am	07/01/2024

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 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	07/08/2024 08:26	SS
					Certifications:		NELAC-NY10854	07/09/2024 14:33	

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

PFAS, EPA 533 Target List

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: GAC EFFLUENT **York Sample ID:** 24G0039-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G0039	WEll 1-2/GAC INFLUENT/ EFFLUENT	Drinking Water	July 1, 2024 8:15 am	07/01/2024

Sample Prepared by Method: EPA 533

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level MCL	Units	Reported to LOQ	Reference Method	Date/Time Prep/Anal.	Analyst
919005-14-4	ADONA	ND		-	ng/L	0.923	EPA 533	07/08/2024 18:48	ESJ
					Certifications:		NELAC-NY12058	07/10/2024 14:17	
756426-58-1	9CL-PF3ONS	ND		-	ng/L	0.923	EPA 533	07/08/2024 18:48	ESJ
					Certifications:		NELAC-NY12058	07/10/2024 14:17	
763051-92-9	11CL-PF3OUdS	ND		-	ng/L	0.923	EPA 533	07/08/2024 18:48	ESJ
					Certifications:		NELAC-NY12058	07/10/2024 14:17	
13252-13-6	HFPO-DA (Gen-X)	ND		-	ng/L	0.923	EPA 533	07/08/2024 18:48	ESJ
					Certifications:		NELAC-NY12058	07/10/2024 14:17	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		-	ng/L	0.923	EPA 533	07/08/2024 18:48	ESJ
					Certifications:		NELAC-NY12058	07/10/2024 14:17	
335-76-2	Perfluorodecanoic acid (PFDA)	ND		10	ng/L	0.923	EPA 533	07/08/2024 18:48	ESJ
					Certifications:		NELAC-NY12058	07/10/2024 14:17	
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		-	ng/L	0.923	EPA 533	07/08/2024 18:48	ESJ
					Certifications:		NELAC-NY12058	07/10/2024 14:17	
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		10	ng/L	0.923	EPA 533	07/08/2024 18:48	ESJ
					Certifications:		NELAC-NY12058	07/10/2024 14:17	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		10	ng/L	0.923	EPA 533	07/08/2024 18:48	ESJ
					Certifications:		NELAC-NY12058	07/10/2024 14:17	
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		-	ng/L	0.923	EPA 533	07/08/2024 18:48	ESJ
					Certifications:		NELAC-NY12058	07/10/2024 14:17	
375-95-1	Perfluorononanoic acid (PFNA)	ND		10	ng/L	0.923	EPA 533	07/08/2024 18:48	ESJ
					Certifications:		NELAC-NY12058	07/10/2024 14:17	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		4	ng/L	0.923	EPA 533	07/08/2024 18:48	ESJ
					Certifications:		NELAC-NY12058	07/10/2024 14:17	
335-67-1	Perfluorooctanoic acid (PFOA)	ND		4	ng/L	0.923	EPA 533	07/08/2024 18:48	ESJ
					Certifications:		NELAC-NY12058	07/10/2024 14:17	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		-	ng/L	0.923	EPA 533	07/08/2024 18:48	ESJ
					Certifications:		NELAC-NY12058	07/10/2024 14:17	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		-	ng/L	0.923	EPA 533	07/08/2024 18:48	ESJ
					Certifications:		NELAC-NY12058	07/10/2024 14:17	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		-	ng/L	0.923	EPA 533	07/08/2024 18:48	ESJ
					Certifications:		NELAC-NY12058	07/10/2024 14:17	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		-	ng/L	0.923	EPA 533	07/08/2024 18:48	ESJ
					Certifications:		NELAC-NY12058	07/10/2024 14:17	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		-	ng/L	1.85	EPA 533	07/08/2024 18:48	ESJ
					Certifications:		NELAC-NY12058	07/10/2024 14:17	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		-	ng/L	1.85	EPA 533	07/08/2024 18:48	ESJ
					Certifications:		NELAC-NY12058	07/10/2024 14:17	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		-	ng/L	1.85	EPA 533	07/08/2024 18:48	ESJ
					Certifications:		NELAC-NY12058	07/10/2024 14:17	
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		-	ng/L	0.923	EPA 533	07/08/2024 18:48	ESJ
					Certifications:		NELAC-NY12058	07/10/2024 14:17	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		-	ng/L	0.923	EPA 533	07/08/2024 18:48	ESJ
					Certifications:		NELAC-NY12058	07/10/2024 14:17	

Sample Information

Client Sample ID: GAC EFFLUENT **York Sample ID:** 24G0039-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G0039	WEll 1-2/GAC INFLUENT/ EFFLUENT	Drinking Water	July 1, 2024 8:15 am	07/01/2024

PFAS, EPA 533 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 533

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level MCL	Units	Reported to LOQ	Reference Method	Date/Time Prep/Anal.	Analyst
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		-	ng/L	0.923	EPA 533	07/08/2024 18:48	ESJ
					Certifications:		NELAC-NY12058	07/10/2024 14:17	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		-	ng/L	0.923	EPA 533	07/08/2024 18:48	ESJ
					Certifications:		NELAC-NY12058	07/10/2024 14:17	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		-	ng/L	0.923	EPA 533	07/08/2024 18:48	ESJ
					Certifications:		NELAC-NY12058	07/10/2024 14:17	

Surrogate Recoveries	Result		Acceptance Range
Surrogate: MPFDoA	*79.0 %*		*50-200*
Surrogate: MPFBA	*82.3 %*		*50-200*
Surrogate: M9PFNA	*88.4 %*		*50-200*
Surrogate: M8PFOS	*84.1 %*		*50-200*
Surrogate: M8PFOA	*85.1 %*		*50-200*
Surrogate: M7PFUdA	*82.7 %*		*50-200*
Surrogate: M6PFDA	*89.7 %*		*50-200*
Surrogate: M5PFPeA	*82.3 %*		*50-200*
Surrogate: M5PFHxA	*78.8 %*		*50-200*
Surrogate: M4PFHpA	*79.9 %*		*50-200*
Surrogate: M3PFHxS	*68.1 %*		*50-200*
Surrogate: M3PFBS	*58.0 %*		*50-200*
Surrogate: M3HFPO-DA	*80.5 %*		*50-200*
Surrogate: M2-8:2 FTS	*152 %*		*50-200*
Surrogate: M2-6:2 FTS	*73.6 %*		*50-200*
Surrogate: M2-4:2 FTS	*44.5 %*	PFSu-L	*50-200*

PFAS, EPA 537.1 UCMR5 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 537.1 SPE DVB

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level MCL	Units	Reported to LOQ	Reference Method	Date/Time Prep/Anal.	Analyst
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		-	ng/L	1.87	EPA 537.1	07/05/2024 12:09	KFH
					Certifications:		NELAC-NY12058	07/09/2024 13:47	
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		-	ng/L	1.87	EPA 537.1	07/05/2024 12:09	KFH
					Certifications:		NELAC-NY12058	07/09/2024 13:47	
2355-31-9	N-MeFOSAA	ND		-	ng/L	1.87	EPA 537.1	07/05/2024 12:09	KFH
					Certifications:		NELAC-NY12058	07/09/2024 13:47	
2991-50-6	N-EtFOSAA	ND		-	ng/L	1.87	EPA 537.1	07/05/2024 12:09	KFH
					Certifications:		NELAC-NY12058	07/09/2024 13:47	

Surrogate Recoveries	Result		Acceptance Range
Surrogate: d5-N-EtFOSAA	*66.1 %*	PFSL	*70-130*
Surrogate: MPFDA	*101 %*		*70-130*
Surrogate: MPFHxA	*91.7 %*		*70-130*

Sample Information

Client Sample ID: GAC EFFLUENT **York Sample ID:** 24G0039-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G0039	WEll 1-2/GAC INFLUENT/ EFFLUENT	Drinking Water	July 1, 2024 8:15 am	07/01/2024

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 MCL	Units	Reported to LOQ	Reference Method	Date/Time Prep/Anal.	Analyst
	Surrogate: M3HFPO-DA	*96.6 %*		*70-130*					

Sample Information

Client Sample ID: GAC EFFLUENT FB **York Sample ID:** 24G0039-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G0039	WEll 1-2/GAC INFLUENT/ EFFLUENT	Drinking Water	July 1, 2024 8:15 am	07/01/2024

PFAS, EPA 533 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 533

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level MCL	Units	Reported to LOQ	Reference Method	Date/Time Prep/Anal.	Analyst
919005-14-4	ADONA	ND		-	ng/L	0.916	EPA 533	07/16/2024 14:52	JTG
					Certifications:		NELAC-NY12058	07/18/2024 04:24	
756426-58-1	9CL-PF3ONS	ND		-	ng/L	0.916	EPA 533	07/16/2024 14:52	JTG
					Certifications:		NELAC-NY12058	07/18/2024 04:24	
763051-92-9	11CL-PF3OUdS	ND		-	ng/L	0.916	EPA 533	07/16/2024 14:52	JTG
					Certifications:		NELAC-NY12058	07/18/2024 04:24	
13252-13-6	HFPO-DA (Gen-X)	ND		-	ng/L	0.916	EPA 533	07/16/2024 14:52	JTG
					Certifications:		NELAC-NY12058	07/18/2024 04:24	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		-	ng/L	0.916	EPA 533	07/16/2024 14:52	JTG
					Certifications:		NELAC-NY12058	07/18/2024 04:24	
335-76-2	Perfluorodecanoic acid (PFDA)	ND		10	ng/L	0.916	EPA 533	07/16/2024 14:52	JTG
					Certifications:		NELAC-NY12058	07/18/2024 04:24	
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		-	ng/L	0.916	EPA 533	07/16/2024 14:52	JTG
					Certifications:		NELAC-NY12058	07/18/2024 04:24	
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		10	ng/L	0.916	EPA 533	07/16/2024 14:52	JTG
					Certifications:		NELAC-NY12058	07/18/2024 04:24	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		10	ng/L	0.916	EPA 533	07/16/2024 14:52	JTG
					Certifications:		NELAC-NY12058	07/18/2024 04:24	
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		-	ng/L	0.916	EPA 533	07/16/2024 14:52	JTG
					Certifications:		NELAC-NY12058	07/18/2024 04:24	
375-95-1	Perfluorononanoic acid (PFNA)	ND		10	ng/L	0.916	EPA 533	07/16/2024 14:52	JTG
					Certifications:		NELAC-NY12058	07/18/2024 04:24	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		4	ng/L	0.916	EPA 533	07/16/2024 14:52	JTG
					Certifications:		NELAC-NY12058	07/18/2024 04:24	
335-67-1	Perfluorooctanoic acid (PFOA)	ND		4	ng/L	0.916	EPA 533	07/16/2024 14:52	JTG
					Certifications:		NELAC-NY12058	07/18/2024 04:24	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		-	ng/L	0.916	EPA 533	07/16/2024 14:52	JTG
					Certifications:		NELAC-NY12058	07/18/2024 04:24	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		-	ng/L	0.916	EPA 533	07/16/2024 14:52	JTG
					Certifications:		NELAC-NY12058	07/18/2024 04:24	

Sample Information

Client Sample ID: GAC EFFLUENT FB **York Sample ID:** 24G0039-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G0039	WEll 1-2/GAC INFLUENT/ EFFLUENT	Drinking Water	July 1, 2024 8:15 am	07/01/2024

PFAS, EPA 533 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 533

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level MCL	Units	Reported to LOQ	Reference Method	Date/Time Prep/Anal.	Analyst
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		-	ng/L	0.916	EPA 533	07/16/2024 14:52	JTG
					Certifications:		NELAC-NY12058	07/18/2024 04:24	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		-	ng/L	0.916	EPA 533	07/16/2024 14:52	JTG
					Certifications:		NELAC-NY12058	07/18/2024 04:24	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		-	ng/L	1.83	EPA 533	07/16/2024 14:52	JTG
					Certifications:		NELAC-NY12058	07/18/2024 04:24	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		-	ng/L	1.83	EPA 533	07/16/2024 14:52	JTG
					Certifications:		NELAC-NY12058	07/18/2024 04:24	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		-	ng/L	1.83	EPA 533	07/16/2024 14:52	JTG
					Certifications:		NELAC-NY12058	07/18/2024 04:24	
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		-	ng/L	0.916	EPA 533	07/16/2024 14:52	JTG
					Certifications:		NELAC-NY12058	07/18/2024 04:24	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		-	ng/L	0.916	EPA 533	07/16/2024 14:52	JTG
					Certifications:		NELAC-NY12058	07/18/2024 04:24	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		-	ng/L	0.916	EPA 533	07/16/2024 14:52	JTG
					Certifications:		NELAC-NY12058	07/18/2024 04:24	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		-	ng/L	0.916	EPA 533	07/16/2024 14:52	JTG
					Certifications:		NELAC-NY12058	07/18/2024 04:24	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		-	ng/L	0.916	EPA 533	07/16/2024 14:52	JTG
					Certifications:		NELAC-NY12058	07/18/2024 04:24	

Surrogate Recoveries	Result	Acceptance Range
Surrogate: MPFDoA	*68.4 %*	*50-200*
Surrogate: MPFBA	*87.7 %*	*50-200*
Surrogate: M9PFNA	*83.9 %*	*50-200*
Surrogate: M8PFOS	*87.3 %*	*50-200*
Surrogate: M8PFOA	*92.8 %*	*50-200*
Surrogate: M7PFUdA	*75.7 %*	*50-200*
Surrogate: M6PFDA	*82.5 %*	*50-200*
Surrogate: M5PFPeA	*91.1 %*	*50-200*
Surrogate: M5PFHxA	*79.7 %*	*50-200*
Surrogate: M4PFHpA	*89.5 %*	*50-200*
Surrogate: M3PFHxS	*86.4 %*	*50-200*
Surrogate: M3PFBS	*88.1 %*	*50-200*
Surrogate: M3HFPO-DA	*67.8 %*	*50-200*
Surrogate: M2-8:2 FTS	*157 %*	*50-200*
Surrogate: M2-6:2 FTS	*89.4 %*	*50-200*
Surrogate: M2-4:2 FTS	*78.1 %*	*50-200*

PFAS, EPA 537.1 UCMR5 List

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: GAC EFFLUENT FB **York Sample ID:** 24G0039-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G0039	WEll 1-2/GAC INFLUENT/ EFFLUENT	Drinking Water	July 1, 2024 8:15 am	07/01/2024

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
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		-	ng/L	1.82	EPA 537.1	07/05/2024 12:09	KFH
					Certifications:		NELAC-NY12058	07/09/2024 13:59	
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		-	ng/L	1.82	EPA 537.1	07/05/2024 12:09	KFH
					Certifications:		NELAC-NY12058	07/09/2024 13:59	
2355-31-9	N-MeFOSAA	ND		-	ng/L	1.82	EPA 537.1	07/05/2024 12:09	KFH
					Certifications:		NELAC-NY12058	07/09/2024 13:59	
2991-50-6	N-EtFOSAA	ND		-	ng/L	1.82	EPA 537.1	07/05/2024 12:09	KFH
					Certifications:		NELAC-NY12058	07/09/2024 13:59	

Surrogate Recoveries	Result		Acceptance Range
Surrogate: d5-N-EtFOSAA	*62.5 %*	PFSL	*70-130*
Surrogate: MPFDA	*90.9 %*		*70-130*
Surrogate: MPFHxA	*78.6 %*		*70-130*
Surrogate: M3HFPO-DA	*84.5 %*		*70-130*

Sample Information

Client Sample ID: WELL 1-2 **York Sample ID:** 24G0039-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G0039	WEll 1-2/GAC INFLUENT/ EFFLUENT	Drinking Water	July 1, 2024 8:30 am	07/01/2024

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 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	07/08/2024 08:26	SS
					Certifications:		NELAC-NY10854	07/09/2024 14:41	

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

Analytical Batch Summary

Batch ID: BG40371 **Preparation Method:** EPA 537.1 SPE DVB **Prepared By:** MPR

YORK Sample ID	Client Sample ID	Preparation Date
24G0039-01	GAC INLFUENT	07/05/24
24G0039-02	GAC INLFUENT FB	07/05/24
24G0039-03	GAC EFFLUENT	07/05/24
24G0039-04	GAC EFFLUENT FB	07/05/24
BG40371-BLK1	Blank	07/05/24
BG40371-BS1	LCS	07/05/24
BG40371-DUP1	Duplicate	07/05/24
BG40371-MS1	Matrix Spike	07/05/24

Batch ID: BG40439 **Preparation Method:** EPA 522 **Prepared By:** moa

YORK Sample ID	Client Sample ID	Preparation Date
24G0039-03	GAC EFFLUENT	07/08/24
24G0039-05	WELL 1-2	07/08/24
BG40439-BLK1	Blank	07/08/24
BG40439-BS1	LCS	07/08/24
BG40439-BS2	LCS	07/08/24
BG40439-DUP1	Duplicate	07/08/24
BG40439-MS1	Matrix Spike	07/08/24

Batch ID: BG40507 **Preparation Method:** EPA 533 **Prepared By:** MPR

YORK Sample ID	Client Sample ID	Preparation Date
24G0039-01	GAC INLFUENT	07/08/24
24G0039-03	GAC EFFLUENT	07/08/24
BG40507-BLK1	Blank	07/08/24
BG40507-BLK2	Blank	07/08/24
BG40507-BS1	LCS	07/08/24
BG40507-DUP1	Duplicate	07/08/24
BG40507-MS1	Matrix Spike	07/08/24

Batch ID: BG41063 **Preparation Method:** EPA 533 **Prepared By:** DRF

YORK Sample ID	Client Sample ID	Preparation Date
24G0039-02	GAC INLFUENT FB	07/16/24
24G0039-04	GAC EFFLUENT FB	07/16/24
BG41063-BLK1	Blank	07/16/24
BG41063-BS1	LCS	07/16/24
BG41063-DUP1	Duplicate	07/16/24
BG41063-MS1	Matrix Spike	07/16/24

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
Batch BG40439 - EPA 522											
Blank (BG40439-BLK1)								Prepared & Analyzed: 07/08/2024			
1,4-Dioxane	ND	0.200	ug/L								
Surrogate: 1,4-Dioxane-d8	*1.90*		*"*	*2.50*		*76.0*	*70-130*				
LCS (BG40439-BS1)								Prepared & Analyzed: 07/08/2024			
1,4-Dioxane	4.24	0.200	ug/L	5.00		84.8	70-130				
Surrogate: 1,4-Dioxane-d8	*2.30*		*"*	*2.50*		*92.0*	*70-130*				
LCS (BG40439-BS2)								Prepared & Analyzed: 07/08/2024			
1,4-Dioxane	1.19	0.200	ug/L	1.00		119	70-130				
Surrogate: 1,4-Dioxane-d8	*2.10*		*"*	*2.50*		*84.0*	*70-130*				
Duplicate (BG40439-DUP1)	*Source sample: 24F1877-03 (Duplicate)							Prepared & Analyzed: 07/08/2024			
1,4-Dioxane	ND	0.200	ug/L		ND					30	
Surrogate: 1,4-Dioxane-d8	*1.90*		*"*	*2.50*		*76.0*	*70-130*				
Matrix Spike (BG40439-MS1)	*Source sample: 24F1877-01 (Matrix Spike)							Prepared & Analyzed: 07/08/2024			
1,4-Dioxane	4.74	0.200	ug/L	5.00	ND	94.8	70-130				
Surrogate: 1,4-Dioxane-d8	*1.90*		*"*	*2.50*		*76.0*	*70-130*				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG40371 - EPA 537.1 SPE DVB											
Blank (BG40371-BLK1)									Prepared: 07/05/2024 Analyzed: 07/09/2024		
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	*195*		*"*	*320*		*60.8*	*70-130*				
Surrogate: MPFDA	*77.8*		*"*	*80.0*		*97.3*	*70-130*				
Surrogate: MPFHxA	*66.3*		*"*	*80.0*		*82.9*	*70-130*				
Surrogate: M3HFPO-DA	*71.1*		*"*	*80.0*		*88.8*	*70-130*				
LCS (BG40371-BS1)									Prepared: 07/05/2024 Analyzed: 07/09/2024		
Perfluorotridecanoic acid (PFTrDA)	78.9	4.00	ng/L	80.0		98.6	70-130				
Perfluorotetradecanoic acid (PFTA)	75.3	4.00	"	80.0		94.2	70-130				
N-MeFOSAA	94.3	4.00	"	80.0		118	70-130				
N-EtFOSAA	70.1	4.00	"	80.0		87.6	70-130				
Surrogate: d5-N-EtFOSAA	*225*		*"*	*320*		*70.2*	*70-130*				
Surrogate: MPFDA	*86.7*		*"*	*80.0*		*108*	*70-130*				
Surrogate: MPFHxA	*71.8*		*"*	*80.0*		*89.7*	*70-130*				
Surrogate: M3HFPO-DA	*83.9*		*"*	*80.0*		*105*	*70-130*				
Duplicate (BG40371-DUP1)	*Source sample: 24F1645-02 (Duplicate)								Prepared: 07/05/2024 Analyzed: 07/09/2024		
Perfluorotridecanoic acid (PFTrDA)	ND	1.87	ng/L		ND					25	
Perfluorotetradecanoic acid (PFTA)	ND	1.87	"		ND					25	
N-MeFOSAA	ND	1.87	"		ND					25	
N-EtFOSAA	ND	1.87	"		ND					25	
Surrogate: d5-N-EtFOSAA	*125*		*"*	*149*		*83.7*	*70-130*				
Surrogate: MPFDA	*49.0*		*"*	*37.3*		*131*	*70-130*				
Surrogate: MPFHxA	*39.7*		*"*	*37.3*		*106*	*70-130*				
Surrogate: M3HFPO-DA	*43.7*		*"*	*37.3*		*117*	*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
Batch BG40371 - EPA 537.1 SPE DVB											
Matrix Spike (BG40371-MS1)	*Source sample: 24F1144-05 (Matrix Spike)							Prepared: 07/05/2024 Analyzed: 07/09/2024			
Perfluorotridecanoic acid (PFTrDA)	25.5	1.87	ng/L	37.3	ND	68.4	70-130	Low Bias			
Perfluorotetradecanoic acid (PFTA)	23.8	1.87	"	37.3	ND	63.8	70-130	Low Bias			
N-MeFOSAA	28.8	1.87	"	37.3	ND	77.2	70-130				
N-EtFOSAA	22.9	1.87	"	37.3	ND	61.4	70-130	Low Bias			
Surrogate: d5-N-EtFOSAA	*91.5*		*"*	*149*		*61.3*	*70-130*				
Surrogate: MPFDA	*35.7*		*"*	*37.3*		*95.7*	*70-130*				
Surrogate: MPFHxA	*28.8*		*"*	*37.3*		*77.2*	*70-130*				
Surrogate: M3HFPO-DA	*32.9*		*"*	*37.3*		*88.2*	*70-130*				
Batch BG40507 - EPA 533											
Blank (BG40507-BLK1)								Prepared: 07/08/2024 Analyzed: 07/10/2024			
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	2.01	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	2.01	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	2.01	"								
Perfluoropentanoic acid (PFPeA)	ND	1.00	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.00	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.00	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.00	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.00	"								
Surrogate: MPFDoA	*17.3*		*"*	*20.1*		*86.1*	*50-200*				
Surrogate: MPFBA	*18.7*		*"*	*20.1*		*92.9*	*50-200*				
Surrogate: M9PFNA	*20.0*		*"*	*20.1*		*99.5*	*50-200*				
Surrogate: M8PFOS	*18.0*		*"*	*19.2*		*93.6*	*50-200*				
Surrogate: M8PFOA	*17.8*		*"*	*20.1*		*88.8*	*50-200*				
Surrogate: M7PFUdA	*19.3*		*"*	*20.1*		*96.2*	*50-200*				
Surrogate: M6PFDA	*20.6*		*"*	*20.1*		*103*	*50-200*				
Surrogate: M5PFPeA	*18.3*		*"*	*20.1*		*91.2*	*50-200*				
Surrogate: M5PFHxA	*17.1*		*"*	*20.1*		*85.3*	*50-200*				
Surrogate: M4PFHpA	*18.0*		*"*	*20.1*		*89.9*	*50-200*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG40507 - EPA 533											
Blank (BG40507-BLK1)											Prepared: 07/08/2024 Analyzed: 07/10/2024
Surrogate: M3PFHxS	*14.7*		*ng/L*	*19.0*		*77.3*	*50-200*				
Surrogate: M3PFBS	*11.8*		*"*	*18.7*		*63.3*	*50-200*				
Surrogate: M3HFPO-DA	*15.2*		*"*	*20.1*		*75.7*	*50-200*				
Surrogate: M2-8:2 FTS	*107*		*"*	*77.1*		*139*	*50-200*				
Surrogate: M2-6:2 FTS	*55.5*		*"*	*76.3*		*72.8*	*50-200*				
Surrogate: M2-4:2 FTS	*36.6*		*"*	*75.5*		*48.5*	*50-200*				
Blank (BG40507-BLK2)											Prepared: 07/08/2024 Analyzed: 07/10/2024
ADONA	ND	0.887	ng/L								
9CL-PF3ONS	ND	0.887	"								
11CL-PF3OUdS	ND	0.887	"								
HFPO-DA (Gen-X)	ND	0.887	"								
Perfluorobutanesulfonic acid (PFBS)	ND	0.887	"								
Perfluorodecanoic acid (PFDA)	ND	0.887	"								
Perfluorododecanoic acid (PFDoA)	ND	0.887	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.887	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.887	"								
Perfluorohexanoic acid (PFHxA)	ND	0.887	"								
Perfluorononanoic acid (PFNA)	ND	0.887	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.887	"								
Perfluorooctanoic acid (PFOA)	ND	0.887	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.887	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	0.887	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.887	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.887	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	1.77	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	1.77	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	1.77	"								
Perfluoropentanoic acid (PFPeA)	ND	0.887	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.887	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.887	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.887	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.887	"								
Surrogate: MPFDoA	*10.7*		*"*	*17.7*		*60.5*	*50-200*				
Surrogate: MPFBA	*16.2*		*"*	*17.7*		*91.4*	*50-200*				
Surrogate: M9PFNA	*15.7*		*"*	*17.7*		*88.6*	*50-200*				
Surrogate: M8PFOS	*15.2*		*"*	*17.0*		*89.4*	*50-200*				
Surrogate: M8PFOA	*15.7*		*"*	*17.7*		*88.7*	*50-200*				
Surrogate: M7PFUdA	*13.1*		*"*	*17.7*		*73.9*	*50-200*				
Surrogate: M6PFDA	*16.0*		*"*	*17.7*		*90.2*	*50-200*				
Surrogate: M5PFPeA	*16.2*		*"*	*17.7*		*91.4*	*50-200*				
Surrogate: M5PFHxA	*15.2*		*"*	*17.7*		*85.7*	*50-200*				
Surrogate: M4PFHpA	*15.6*		*"*	*17.7*		*88.1*	*50-200*				
Surrogate: M3PFHxS	*12.6*		*"*	*16.8*		*75.1*	*50-200*				
Surrogate: M3PFBS	*10.8*		*"*	*16.5*		*65.6*	*50-200*				
Surrogate: M3HFPO-DA	*13.9*		*"*	*17.7*		*78.3*	*50-200*				
Surrogate: M2-8:2 FTS	*88.5*		*"*	*68.1*		*130*	*50-200*				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG40507 - EPA 533											
Blank (BG40507-BLK2)								Prepared: 07/08/2024 Analyzed: 07/10/2024			
Surrogate: M2-6:2 FTS	*44.7*		*ng/L*	*67.4*		*66.3*	*50-200*				
Surrogate: M2-4:2 FTS	*31.7*		*"*	*66.7*		*47.6*	*50-200*				
LCS (BG40507-BS1)								Prepared: 07/08/2024 Analyzed: 07/10/2024			
ADONA	21.5	0.996	ng/L	18.8		114	70-130				
9CL-PF3ONS	22.1	0.996	"	18.6		119	70-130				
11CL-PF3OUdS	17.0	0.996	"	18.8		90.2	70-130				
HFPO-DA (Gen-X)	21.4	0.996	"	19.9		107	70-130				
Perfluorobutanesulfonic acid (PFBS)	20.1	0.996	"	17.7		114	70-130				
Perfluorodecanoic acid (PFDA)	23.0	0.996	"	19.9		115	70-130				
Perfluorododecanoic acid (PFDoA)	22.2	0.996	"	19.9		111	70-130				
Perfluoroheptanoic acid (PFHpA)	22.0	0.996	"	19.9		111	70-130				
Perfluorohexanesulfonic acid (PFHxS)	20.7	0.996	"	18.2		114	70-130				
Perfluorohexanoic acid (PFHxA)	22.3	0.996	"	19.9		112	70-130				
Perfluorononanoic acid (PFNA)	23.9	0.996	"	19.9		120	70-130				
Perfluorooctanesulfonic acid (PFOS)	23.3	0.996	"	18.5		126	70-130				
Perfluorooctanoic acid (PFOA)	22.6	0.996	"	19.9		113	70-130				
Perfluoroundecanoic acid (PFUnA)	21.6	0.996	"	19.9		108	70-130				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	21.3	0.996	"	18.7		114	70-130				
Perfluoro-1-pentanesulfonate (PFPeS)	19.7	0.996	"	18.7		105	70-130				
Perfluoro-n-butanoic acid (PFBA)	22.4	0.996	"	19.9		113	70-130				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	22.7	1.99	"	19.1		119	70-130				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	23.2	1.99	"	19.0		122	70-130				
Perfluoro-1-heptanesulfonic acid (PFHpS)	21.6	1.99	"	19.0		114	70-130				
Perfluoropentanoic acid (PFPeA)	22.4	0.996	"	19.9		112	70-130				
Perfluoro-5-oxahexanoic acid (PFMBA)	22.8	0.996	"	19.9		114	70-130				
Perfluoro-4-oxapentanoic acid (PFMPA)	21.7	0.996	"	19.9		109	70-130				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	22.6	0.996	"	19.9		114	70-130				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	21.7	0.996	"	17.8		122	70-130				
Surrogate: MPFDoA	*17.1*		*"*	*19.9*		*85.8*	*50-200*				
Surrogate: MPFBA	*18.7*		*"*	*19.9*		*93.8*	*50-200*				
Surrogate: M9PFNA	*19.3*		*"*	*19.9*		*96.7*	*50-200*				
Surrogate: M8PFOS	*17.9*		*"*	*19.1*		*93.9*	*50-200*				
Surrogate: M8PFOA	*18.9*		*"*	*19.9*		*94.6*	*50-200*				
Surrogate: M7PFUdA	*18.0*		*"*	*19.9*		*90.5*	*50-200*				
Surrogate: M6PFDA	*19.5*		*"*	*19.9*		*98.1*	*50-200*				
Surrogate: M5PFPeA	*18.9*		*"*	*19.9*		*94.8*	*50-200*				
Surrogate: M5PFHxA	*16.9*		*"*	*19.9*		*85.0*	*50-200*				
Surrogate: M4PFHpA	*17.4*		*"*	*19.9*		*87.6*	*50-200*				
Surrogate: M3PFHxS	*15.6*		*"*	*18.9*		*82.8*	*50-200*				
Surrogate: M3PFBS	*12.2*		*"*	*18.6*		*65.7*	*50-200*				
Surrogate: M3HFPO-DA	*15.9*		*"*	*19.9*		*79.7*	*50-200*				
Surrogate: M2-8:2 FTS	*137*		*"*	*76.5*		*179*	*50-200*				
Surrogate: M2-6:2 FTS	*76.2*		*"*	*75.7*		*101*	*50-200*				
Surrogate: M2-4:2 FTS	*37.5*		*"*	*74.9*		*50.1*	*50-200*				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG40507 - EPA 533											
Duplicate (BG40507-DUP1)	*Source sample: 24G0213-02 (Duplicate)								Prepared: 07/08/2024 Analyzed: 07/10/2024		
ADONA	ND	0.912	ng/L		ND					30	
9CL-PF3ONS	ND	0.912	"		ND					30	
11CL-PF3OUdS	ND	0.912	"		ND					30	
HFPO-DA (Gen-X)	ND	0.912	"		ND					30	
Perfluorobutanesulfonic acid (PFBS)	ND	0.912	"		ND					30	
Perfluorodecanoic acid (PFDA)	ND	0.912	"		ND					30	
Perfluorododecanoic acid (PFDoA)	ND	0.912	"		ND					30	
Perfluoroheptanoic acid (PFHpA)	ND	0.912	"		ND					30	
Perfluorohexanesulfonic acid (PFHxS)	ND	0.912	"		ND					30	
Perfluorohexanoic acid (PFHxA)	ND	0.912	"		ND					30	
Perfluorononanoic acid (PFNA)	ND	0.912	"		ND					30	
Perfluorooctanesulfonic acid (PFOS)	ND	0.912	"		ND					30	
Perfluorooctanoic acid (PFOA)	ND	0.912	"		ND					30	
Perfluoroundecanoic acid (PFUnA)	ND	0.912	"		ND					30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	0.912	"		ND					30	
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.912	"		ND					30	
Perfluoro-n-butanoic acid (PFBA)	ND	0.912	"		ND					30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	1.82	"		ND					30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	1.82	"		ND					30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	1.82	"		ND					30	
Perfluoropentanoic acid (PFPeA)	ND	0.912	"		ND					30	
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.912	"		ND					30	
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.912	"		ND					30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.912	"		ND					30	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.912	"		ND					30	
Surrogate: MPFDoA	*15.7*		*"*	*18.2*		*85.9*	*50-200*				
Surrogate: MPFBA	*17.1*		*"*	*18.2*		*93.8*	*50-200*				
Surrogate: M9PFNA	*17.1*		*"*	*18.2*		*93.5*	*50-200*				
Surrogate: M8PFOS	*16.2*		*"*	*17.5*		*92.7*	*50-200*				
Surrogate: M8PFOA	*16.6*		*"*	*18.2*		*91.2*	*50-200*				
Surrogate: M7PFUdA	*15.7*		*"*	*18.2*		*86.1*	*50-200*				
Surrogate: M6PFDA	*17.2*		*"*	*18.2*		*94.2*	*50-200*				
Surrogate: M5PFPeA	*17.9*		*"*	*18.2*		*98.0*	*50-200*				
Surrogate: M5PFHxA	*16.2*		*"*	*18.2*		*88.7*	*50-200*				
Surrogate: M4PFHpA	*15.6*		*"*	*18.2*		*85.4*	*50-200*				
Surrogate: M3PFHxS	*12.2*		*"*	*17.3*		*70.6*	*50-200*				
Surrogate: M3PFBS	*11.3*		*"*	*17.0*		*66.6*	*50-200*				
Surrogate: M3HFPO-DA	*17.2*		*"*	*18.2*		*94.1*	*50-200*				
Surrogate: M2-8:2 FTS	*107*		*"*	*70.1*		*153*	*50-200*				
Surrogate: M2-6:2 FTS	*52.7*		*"*	*69.3*		*76.0*	*50-200*				
Surrogate: M2-4:2 FTS	*36.4*		*"*	*68.6*		*53.0*	*50-200*				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG40507 - EPA 533											
Matrix Spike (BG40507-MS1)	*Source sample: 24G0214-02 (Matrix Spike)							Prepared: 07/08/2024 Analyzed: 07/10/2024			
ADONA	40.9	0.912	ng/L	34.5	ND	118	70-130				
9CL-PF3ONS	38.9	0.912	"	34.1	ND	114	70-130				
11CL-PF3OUdS	31.6	0.912	"	34.5	ND	91.6	70-130				
HFPO-DA (Gen-X)	44.1	0.912	"	36.5	ND	121	70-130				
Perfluorobutanesulfonic acid (PFBS)	35.8	0.912	"	32.4	ND	111	70-130				
Perfluorodecanoic acid (PFDA)	41.2	0.912	"	36.5	ND	113	70-130				
Perfluorododecanoic acid (PFDoA)	40.5	0.912	"	36.5	ND	111	70-130				
Perfluoroheptanoic acid (PFHpA)	42.0	0.912	"	36.5	ND	115	70-130				
Perfluorohexanesulfonic acid (PFHxS)	41.2	0.912	"	33.3	ND	124	70-130				
Perfluorohexanoic acid (PFHxA)	42.0	0.912	"	36.5	ND	115	70-130				
Perfluorononanoic acid (PFNA)	42.4	0.912	"	36.5	ND	116	70-130				
Perfluorooctanesulfonic acid (PFOS)	39.5	0.912	"	33.9	ND	117	70-130				
Perfluorooctanoic acid (PFOA)	41.9	0.912	"	36.5	ND	115	70-130				
Perfluoroundecanoic acid (PFUnA)	38.1	0.912	"	36.5	ND	105	70-130				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	34.7	0.912	"	34.2	ND	101	70-130				
Perfluoro-1-pentanesulfonate (PFPeS)	39.0	0.912	"	34.3	ND	114	70-130				
Perfluoro-n-butanoic acid (PFBA)	41.2	0.912	"	36.5	ND	113	70-130				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	40.9	1.82	"	35.0	ND	117	70-130				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	41.0	1.82	"	34.7	ND	118	70-130				
Perfluoro-1-heptanesulfonic acid (PFHpS)	34.8	1.82	"	34.8	ND	99.9	70-130				
Perfluoropentanoic acid (PFPeA)	41.1	0.912	"	36.5	ND	113	70-130				
Perfluoro-5-oxahexanoic acid (PFMBA)	42.9	0.912	"	36.5	ND	118	70-130				
Perfluoro-4-oxapentanoic acid (PFMPA)	41.1	0.912	"	36.5	ND	113	70-130				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	48.2	0.912	"	36.5	ND	132	70-130	High Bias			
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	38.2	0.912	"	32.6	ND	117	70-130				
Surrogate: MPFDoA	*16.7*		"	*18.2*		*91.3*	*50-200*				
Surrogate: MPFBA	*16.4*		"	*18.2*		*90.0*	*50-200*				
Surrogate: M9PFNA	*17.9*		"	*18.2*		*98.1*	*50-200*				
Surrogate: M8PFOS	*16.2*		"	*17.5*		*92.4*	*50-200*				
Surrogate: M8PFOA	*16.4*		"	*18.2*		*89.8*	*50-200*				
Surrogate: M7PFUdA	*17.7*		"	*18.2*		*96.9*	*50-200*				
Surrogate: M6PFDA	*18.8*		"	*18.2*		*103*	*50-200*				
Surrogate: M5PFPeA	*16.9*		"	*18.2*		*92.8*	*50-200*				
Surrogate: M5PFHxA	*16.0*		"	*18.2*		*87.8*	*50-200*				
Surrogate: M4PFHpA	*15.6*		"	*18.2*		*85.4*	*50-200*				
Surrogate: M3PFHxS	*11.6*		"	*17.3*		*67.1*	*50-200*				
Surrogate: M3PFBS	*11.4*		"	*17.0*		*67.0*	*50-200*				
Surrogate: M3HFPO-DA	*16.3*		"	*18.2*		*89.2*	*50-200*				
Surrogate: M2-8:2 FTS	*114*		"	*70.1*		*162*	*50-200*				
Surrogate: M2-6:2 FTS	*48.9*		"	*69.3*		*70.6*	*50-200*				
Surrogate: M2-4:2 FTS	*36.0*		"	*68.6*		*52.5*	*50-200*				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG41063 - EPA 533											
Blank (BG41063-BLK1)									Prepared: 07/16/2024 Analyzed: 07/18/2024		
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-dioxaheptanoic acid (NFDHA)	ND	1.00	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.00	"								
Surrogate: MPFDoA	*13.4*		"	*20.0*		*67.2*	*50-200*				
Surrogate: MPFBA	*18.1*		"	*20.0*		*90.6*	*50-200*				
Surrogate: M9PFNA	*16.6*		"	*20.0*		*83.1*	*50-200*				
Surrogate: M8PFOS	*17.3*		"	*19.2*		*90.5*	*50-200*				
Surrogate: M8PFOA	*17.7*		"	*20.0*		*88.6*	*50-200*				
Surrogate: M7PFUdA	*14.5*		"	*20.0*		*72.4*	*50-200*				
Surrogate: M6PFDA	*15.9*		"	*20.0*		*79.6*	*50-200*				
Surrogate: M5PFPeA	*18.7*		"	*20.0*		*93.3*	*50-200*				
Surrogate: M5PFHxA	*15.3*		"	*20.0*		*76.3*	*50-200*				
Surrogate: M4PFHpA	*17.4*		"	*20.0*		*86.9*	*50-200*				
Surrogate: M3PFHxS	*15.6*		"	*19.0*		*82.1*	*50-200*				
Surrogate: M3PFBS	*16.6*		"	*18.6*		*88.9*	*50-200*				
Surrogate: M3HFPO-DA	*13.8*		"	*20.0*		*69.2*	*50-200*				
Surrogate: M2-8:2 FTS	*109*		"	*76.8*		*142*	*50-200*				
Surrogate: M2-6:2 FTS	*72.7*		"	*76.0*		*95.7*	*50-200*				
Surrogate: M2-4:2 FTS	*63.7*		"	*75.2*		*84.7*	*50-200*				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG41063 - EPA 533											
LCS (BG41063-BS1)									Prepared: 07/16/2024 Analyzed: 07/18/2024		
ADONA	35.2	1.00	ng/L	37.8		93.0	70-130				
9CL-PF3ONS	36.3	1.00	"	37.4		97.2	70-130				
11CL-PF3OUdS	31.1	1.00	"	37.8		82.3	70-130				
HFPO-DA (Gen-X)	42.3	1.00	"	40.0		106	70-130				
Perfluorobutanesulfonic acid (PFBS)	40.5	1.00	"	35.5		114	70-130				
Perfluorodecanoic acid (PFDA)	47.2	1.00	"	40.0		118	70-130				
Perfluorododecanoic acid (PFDoA)	43.8	1.00	"	40.0		109	70-130				
Perfluoroheptanoic acid (PFHpA)	40.4	1.00	"	40.0		101	70-130				
Perfluorohexanesulfonic acid (PFHxS)	38.6	1.00	"	36.5		106	70-130				
Perfluorohexanoic acid (PFHxA)	42.1	1.00	"	40.0		105	70-130				
Perfluorononanoic acid (PFNA)	46.9	1.00	"	40.0		117	70-130				
Perfluorooctanesulfonic acid (PFOS)	41.3	1.00	"	37.1		111	70-130				
Perfluorooctanoic acid (PFOA)	40.8	1.00	"	40.0		102	70-130				
Perfluoroundecanoic acid (PFUnA)	41.0	1.00	"	40.0		102	70-130				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	41.3	1.00	"	37.5		110	70-130				
Perfluoro-1-pentanesulfonate (PFPeS)	40.3	1.00	"	37.6		107	70-130				
Perfluoro-n-butanoic acid (PFBA)	42.3	1.00	"	40.0		106	70-130				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	42.4	2.00	"	38.4		110	70-130				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	42.3	2.00	"	38.1		111	70-130				
Perfluoro-1-heptanesulfonic acid (PFHpS)	39.4	2.00	"	38.2		103	70-130				
Perfluoropentanoic acid (PFPeA)	41.8	1.00	"	40.0		105	70-130				
Perfluoro-5-oxahexanoic acid (PFMBA)	43.5	1.00	"	40.0		109	70-130				
Perfluoro-4-oxapentanoic acid (PFMPA)	40.7	1.00	"	40.0		102	70-130				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	42.4	1.00	"	40.0		106	70-130				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	35.1	1.00	"	35.7		98.4	70-130				
Surrogate: MPFDoA	*13.8*		*"*	*20.0*		*69.2*	*50-200*				
Surrogate: MPFBA	*18.2*		*"*	*20.0*		*91.1*	*50-200*				
Surrogate: M9PFNA	*17.1*		*"*	*20.0*		*85.4*	*50-200*				
Surrogate: M8PFOS	*17.8*		*"*	*19.2*		*92.7*	*50-200*				
Surrogate: M8PFOA	*18.5*		*"*	*20.0*		*92.5*	*50-200*				
Surrogate: M7PFUdA	*15.3*		*"*	*20.0*		*76.5*	*50-200*				
Surrogate: M6PFDA	*16.8*		*"*	*20.0*		*84.1*	*50-200*				
Surrogate: M5PFPeA	*19.3*		*"*	*20.0*		*96.3*	*50-200*				
Surrogate: M5PFHxA	*15.9*		*"*	*20.0*		*79.7*	*50-200*				
Surrogate: M4PFHpA	*18.0*		*"*	*20.0*		*89.8*	*50-200*				
Surrogate: M3PFHxS	*17.0*		*"*	*19.0*		*89.5*	*50-200*				
Surrogate: M3PFBS	*16.3*		*"*	*18.6*		*87.4*	*50-200*				
Surrogate: M3HFPO-DA	*13.4*		*"*	*20.0*		*66.9*	*50-200*				
Surrogate: M2-8:2 FTS	*110*		*"*	*76.8*		*144*	*50-200*				
Surrogate: M2-6:2 FTS	*73.5*		*"*	*76.0*		*96.8*	*50-200*				
Surrogate: M2-4:2 FTS	*61.7*		*"*	*75.2*		*82.0*	*50-200*				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG41063 - EPA 533											
Duplicate (BG41063-DUP1)	*Source sample: 24G0774-02 (Duplicate)								Prepared: 07/16/2024 Analyzed: 07/18/2024		
ADONA	ND	0.931	ng/L		ND					30	
9CL-PF3ONS	ND	0.931	"		ND					30	
11CL-PF3OUdS	ND	0.931	"		ND					30	
HFPO-DA (Gen-X)	ND	0.931	"		ND					30	
Perfluorobutanesulfonic acid (PFBS)	ND	0.931	"		ND					30	
Perfluorodecanoic acid (PFDA)	ND	0.931	"		ND					30	
Perfluorododecanoic acid (PFDoA)	ND	0.931	"		ND					30	
Perfluoroheptanoic acid (PFHpA)	ND	0.931	"		ND					30	
Perfluorohexanesulfonic acid (PFHxS)	ND	0.931	"		ND					30	
Perfluorohexanoic acid (PFHxA)	ND	0.931	"		ND					30	
Perfluorononanoic acid (PFNA)	ND	0.931	"		ND					30	
Perfluorooctanesulfonic acid (PFOS)	ND	0.931	"		ND					30	
Perfluorooctanoic acid (PFOA)	ND	0.931	"		ND					30	
Perfluoroundecanoic acid (PFUnA)	ND	0.931	"		ND					30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	0.931	"		ND					30	
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.931	"		ND					30	
Perfluoro-n-butanoic acid (PFBA)	ND	0.931	"		ND					30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	1.86	"		ND					30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	1.86	"		ND					30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	1.86	"		ND					30	
Perfluoropentanoic acid (PFPeA)	ND	0.931	"		ND					30	
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.931	"		ND					30	
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.931	"		ND					30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.931	"		ND					30	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.931	"		ND					30	
Surrogate: MPFDoA	*13.0*		"	*18.6*		*69.9*	*50-200*				
Surrogate: MPFBA	*16.6*		"	*18.6*		*89.1*	*50-200*				
Surrogate: M9PFNA	*16.2*		"	*18.6*		*87.1*	*50-200*				
Surrogate: M8PFOS	*16.7*		"	*17.8*		*93.8*	*50-200*				
Surrogate: M8PFOA	*16.6*		"	*18.6*		*89.1*	*50-200*				
Surrogate: M7PFUdA	*14.3*		"	*18.6*		*76.6*	*50-200*				
Surrogate: M6PFDA	*14.5*		"	*18.6*		*77.9*	*50-200*				
Surrogate: M5PFPeA	*17.2*		"	*18.6*		*92.6*	*50-200*				
Surrogate: M5PFHxA	*14.9*		"	*18.6*		*80.2*	*50-200*				
Surrogate: M4PFHpA	*16.8*		"	*18.6*		*90.4*	*50-200*				
Surrogate: M3PFHxS	*13.8*		"	*17.6*		*78.0*	*50-200*				
Surrogate: M3PFBS	*14.6*		"	*17.3*		*84.3*	*50-200*				
Surrogate: M3HFPO-DA	*12.9*		"	*18.6*		*69.4*	*50-200*				
Surrogate: M2-8:2 FTS	*115*		"	*71.5*		*161*	*50-200*				
Surrogate: M2-6:2 FTS	*63.0*		"	*70.7*		*89.0*	*50-200*				
Surrogate: M2-4:2 FTS	*53.7*		"	*70.0*		*76.7*	*50-200*				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG41063 - EPA 533											
Matrix Spike (BG41063-MS1)	*Source sample: 24G0778-01 (Matrix Spike)								Prepared: 07/16/2024 Analyzed: 07/18/2024		
ADONA	31.5	0.883	ng/L	33.4	ND	94.3	70-130				
9CL-PF3ONS	34.9	0.883	"	33.0	ND	106	70-130				
11CL-PF3OUdS	28.1	0.883	"	33.3	ND	84.2	70-130				
HFPO-DA (Gen-X)	36.1	0.883	"	35.3	ND	102	70-130				
Perfluorobutanesulfonic acid (PFBS)	43.3	0.883	"	31.4	6.78	117	70-130				
Perfluorodecanoic acid (PFDA)	40.8	0.883	"	35.3	ND	115	70-130				
Perfluorododecanoic acid (PFDoA)	36.1	0.883	"	35.3	ND	102	70-130				
Perfluoroheptanoic acid (PFHpA)	40.7	0.883	"	35.3	3.45	105	70-130				
Perfluorohexanesulfonic acid (PFHxS)	40.4	0.883	"	32.2	2.39	118	70-130				
Perfluorohexanoic acid (PFHxA)	42.2	0.883	"	35.3	5.52	104	70-130				
Perfluorononanoic acid (PFNA)	42.4	0.883	"	35.3	0.915	117	70-130				
Perfluorooctanesulfonic acid (PFOS)	52.4	0.883	"	32.8	15.1	114	70-130				
Perfluorooctanoic acid (PFOA)	49.7	0.883	"	35.3	12.5	105	70-130				
Perfluoroundecanoic acid (PFUnA)	37.9	0.883	"	35.3	ND	107	70-130				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	33.1	0.883	"	33.1	ND	99.9	70-130				
Perfluoro-1-pentanesulfonate (PFPeS)	38.3	0.883	"	33.2	ND	116	70-130				
Perfluoro-n-butanoic acid (PFBA)	41.0	0.883	"	35.3	3.62	106	70-130				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	38.8	1.77	"	33.9	ND	114	70-130				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	36.5	1.77	"	33.6	ND	109	70-130				
Perfluoro-1-heptanesulfonic acid (PFHpS)	35.9	1.77	"	33.7	ND	107	70-130				
Perfluoropentanoic acid (PFPeA)	43.5	0.883	"	35.3	5.93	106	70-130				
Perfluoro-5-oxahexanoic acid (PFMBA)	38.7	0.883	"	35.3	ND	110	70-130				
Perfluoro-4-oxapentanoic acid (PFMPA)	35.5	0.883	"	35.3	ND	100	70-130				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	37.7	0.883	"	35.3	ND	107	70-130				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	31.5	0.883	"	31.5	ND	100	70-130				
Surrogate: MPFDoA	*13.0*		"	*17.7*		*73.3*	*50-200*				
Surrogate: MPFBA	*16.2*		"	*17.7*		*91.9*	*50-200*				
Surrogate: M9PFNA	*14.3*		"	*17.7*		*81.3*	*50-200*				
Surrogate: M8PFOS	*15.2*		"	*16.9*		*89.6*	*50-200*				
Surrogate: M8PFOA	*16.7*		"	*17.7*		*94.4*	*50-200*				
Surrogate: M7PFUdA	*13.0*		"	*17.7*		*73.7*	*50-200*				
Surrogate: M6PFDA	*14.3*		"	*17.7*		*80.7*	*50-200*				
Surrogate: M5PFPeA	*17.3*		"	*17.7*		*98.2*	*50-200*				
Surrogate: M5PFHxA	*14.6*		"	*17.7*		*82.8*	*50-200*				
Surrogate: M4PFHpA	*15.2*		"	*17.7*		*86.3*	*50-200*				
Surrogate: M3PFHxS	*14.8*		"	*16.7*		*88.1*	*50-200*				
Surrogate: M3PFBS	*15.0*		"	*16.5*		*91.4*	*50-200*				
Surrogate: M3HFPO-DA	*11.7*		"	*17.7*		*66.4*	*50-200*				
Surrogate: M2-8:2 FTS	*99.8*		"	*67.8*		*147*	*50-200*				
Surrogate: M2-6:2 FTS	*73.4*		"	*67.1*		*109*	*50-200*				
Surrogate: M2-4:2 FTS	*90.0*		"	*66.4*		*136*	*50-200*				

Sample and Data Qualifiers Relating to This Work Order

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

Definitions and Other Explanations

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

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

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

YORK Project No. 240039

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

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Hampton Bays Water District	Company:	Company:		RUSH - Next Day
Address: 18B Ponquogue Ave Hampton Bays, NY 11946	Address:	Address:	YOUR Project Name	RUSH - Two Day
Phone: 631-728-0179	Phone:	Phone:		RUSH - Three Day
Contact: Keith Tuthill Jr	Contact:	Contact:		RUSH - Four Day
E-mail: ktuthilljr@southamptontownny.gov	E-mail:	E-mail:	YOUR PO#:	RUSH - Five Day
				Standard (6-9 Day)
				PFAS Standard is 7-10 Days

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.

Samples Collected by: (print AND sign your name)

Matrix Codes
- S - soil / solid
- GW - groundwater
- DW - drinking water
- WW - wastewater
- O - Oil | Other

Samples From
- New York
- New Jersey
- Connecticut
- Pennsylvania
- Other:

Report / EDD Type (circle selections)
- Summary Report | CT RCP | EQuIS (Standard)
- QA Report | CT RCP DQA/DUE | NYSDEC EQuIS
- CMDP | NJDEP Reduced Deliverables | NJDKQP
- Standard Excel EDD | NJDEP SRP HazSite
- NY ASP B Package | Other: ____

YORK Reg. Comp.
Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
GAC INFLUENT	GW	7/1/24/ 8:00AM	533, 533 FB, 537.1, 537.1 FB		
GAC EFFLUENT	GW	7/1/24/ 8:15AM	533, 533 FB, 537.1, 537.1 FB, 1:4 DIOXANE		
WELL 1-2	GW	7/1/24/ 8:30AM	1:4 DIOXANE		

Comments:

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

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

Special Instruction
- Field Filtered
- Lab to Filter

1 Samples Relinquished by / Company	Date/Time	1 Samples Received by / Company	Date/Time	2 Samples Relinquished by / Company	Date/Time
Keith Tuthill	7/1/24/ 9:10AM	KBahyork	7-1-24 1PM	KBahyork	7-1-24 1715
2 Samples Received by / Company	Date/Time	3 Samples Relinquished by / Company	Date/Time	3 Samples Received by / Company	Date/Time
4 Samples Relinquished by / Company	Date/Time	4 Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				KBA	07/01/24 1718 2.5 degrees C