Technical Report
for
Emerging Contaminants

prepared for:

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

Report Date: 07/23/2024
Client Project ID: GAC INFLUENT/GAC EFFLUENT 7/15/24
York Project (SDG) No.: 24G0908

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
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Report Date: 07/23/2024
Client Project ID: GAC INFLUENT/GAC EFFLUENT 7/15/24
York Project (SDG) No.: 24G0908

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 15, 2024 and listed below. The project was identified as your project: **GAC INFLUENT/GAC EFFLUENT 7/15/24**.

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
24G0908-01	GAC INFLUENT	Drinking Water	07/15/2024	07/15/2024
24G0908-02	GAC INFLUENT FB	Drinking Water	07/15/2024	07/15/2024
24G0908-03	GAC EFFLUENT	Drinking Water	07/15/2024	07/15/2024
24G0908-04	GAC EFFLUENT FB	Drinking Water	07/15/2024	07/15/2024

General Notes for York Project (SDG) No.: 24G0908

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: 07/23/2024

Sample Information

Client Sample ID: GAC INFLUENT **York Sample ID:** 24G0908-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G0908	GAC INFLUENT/GAC EFFLUENT 7/15/24	Drinking Water	July 15, 2024 8:15 am	07/15/2024

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	0.909	EPA 533	07/17/2024 11:07	JTG
					Certifications:		NELAC-NY12058	07/18/2024 17:28	
756426-58-1	9CL-PF3ONS	ND		-	ng/L	0.909	EPA 533	07/17/2024 11:07	JTG
					Certifications:		NELAC-NY12058	07/18/2024 17:28	
763051-92-9	11CL-PF3OUdS	ND		-	ng/L	0.909	EPA 533	07/17/2024 11:07	JTG
					Certifications:		NELAC-NY12058	07/18/2024 17:28	
13252-13-6	HFPO-DA (Gen-X)	ND		-	ng/L	0.909	EPA 533	07/17/2024 11:07	JTG
					Certifications:		NELAC-NY12058	07/18/2024 17:28	
375-73-5	**Perfluorobutanesulfonic acid (PFBS)**	3.13		-	ng/L	0.909	EPA 533	07/17/2024 11:07	JTG
					Certifications:		NELAC-NY12058	07/18/2024 17:28	
335-76-2	Perfluorodecanoic acid (PFDA)	ND		10	ng/L	0.909	EPA 533	07/17/2024 11:07	JTG
					Certifications:		NELAC-NY12058	07/18/2024 17:28	
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		-	ng/L	0.909	EPA 533	07/17/2024 11:07	JTG
					Certifications:		NELAC-NY12058	07/18/2024 17:28	
375-85-9	**Perfluoroheptanoic acid (PFHpA)**	4.25		10	ng/L	0.909	EPA 533	07/17/2024 11:07	JTG
					Certifications:		NELAC-NY12058	07/18/2024 17:28	
355-46-4	**Perfluorohexanesulfonic acid (PFHxS)**	18.6		10	ng/L	0.909	EPA 533	07/17/2024 11:07	JTG
					Certifications:		NELAC-NY12058	07/18/2024 17:28	
307-24-4	**Perfluorohexanoic acid (PFHxA)**	7.52		-	ng/L	0.909	EPA 533	07/17/2024 11:07	JTG
					Certifications:		NELAC-NY12058	07/18/2024 17:28	
375-95-1	**Perfluorononanoic acid (PFNA)**	5.74		10	ng/L	0.909	EPA 533	07/17/2024 11:07	JTG
					Certifications:		NELAC-NY12058	07/18/2024 17:28	
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	52.8		4	ng/L	0.909	EPA 533	07/17/2024 11:07	JTG
					Certifications:		NELAC-NY12058	07/18/2024 17:28	
335-67-1	**Perfluorooctanoic acid (PFOA)**	6.44		4	ng/L	0.909	EPA 533	07/17/2024 11:07	JTG
					Certifications:		NELAC-NY12058	07/18/2024 17:28	
2058-94-8	**Perfluoroundecanoic acid (PFUnA)**	0.939		-	ng/L	0.909	EPA 533	07/17/2024 11:07	JTG
					Certifications:		NELAC-NY12058	07/18/2024 17:28	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		-	ng/L	0.909	EPA 533	07/17/2024 11:07	JTG
					Certifications:		NELAC-NY12058	07/18/2024 17:28	
2706-91-4	**Perfluoro-1-pentanesulfonate (PFPeS)**	1.24		-	ng/L	0.909	EPA 533	07/17/2024 11:07	JTG
					Certifications:		NELAC-NY12058	07/18/2024 17:28	
375-22-4	**Perfluoro-n-butanoic acid (PFBA)**	3.06		-	ng/L	0.909	EPA 533	07/17/2024 11:07	JTG
					Certifications:		NELAC-NY12058	07/18/2024 17:28	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		-	ng/L	1.82	EPA 533	07/17/2024 11:07	JTG
					Certifications:		NELAC-NY12058	07/18/2024 17:28	
27619-97-2	**1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)**	2.61		-	ng/L	1.82	EPA 533	07/17/2024 11:07	JTG
					Certifications:		NELAC-NY12058	07/18/2024 17:28	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		-	ng/L	1.82	EPA 533	07/17/2024 11:07	JTG
					Certifications:		NELAC-NY12058	07/18/2024 17:28	

Sample Information

Client Sample ID: GAC INFLUENT **York Sample ID:** 24G0908-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G0908	GAC INFLUENT/GAC EFFLUENT 7/15/24	Drinking Water	July 15, 2024 8:15 am	07/15/2024

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)**	8.08		-	ng/L	0.909	EPA 533	07/17/2024 11:07	JTG
					Certifications:		NELAC-NY12058	07/18/2024 17:28	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		-	ng/L	0.909	EPA 533	07/17/2024 11:07	JTG
					Certifications:		NELAC-NY12058	07/18/2024 17:28	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		-	ng/L	0.909	EPA 533	07/17/2024 11:07	JTG
					Certifications:		NELAC-NY12058	07/18/2024 17:28	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		-	ng/L	0.909	EPA 533	07/17/2024 11:07	JTG
					Certifications:		NELAC-NY12058	07/18/2024 17:28	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		-	ng/L	0.909	EPA 533	07/17/2024 11:07	JTG
					Certifications:		NELAC-NY12058	07/18/2024 17:28	

Surrogate Recoveries	Result	Acceptance Range
Surrogate: MPFDoA	*63.3 %*	*50-200*
Surrogate: MPFBA	*80.1 %*	*50-200*
Surrogate: M9PFNA	*76.2 %*	*50-200*
Surrogate: M8PFOS	*83.6 %*	*50-200*
Surrogate: M8PFOA	*84.1 %*	*50-200*
Surrogate: M7PFUdA	*67.4 %*	*50-200*
Surrogate: M6PFDA	*72.8 %*	*50-200*
Surrogate: M5PFPeA	*84.1 %*	*50-200*
Surrogate: M5PFHxA	*73.7 %*	*50-200*
Surrogate: M4PFHpA	*79.8 %*	*50-200*
Surrogate: M3PFHxS	*79.2 %*	*50-200*
Surrogate: M3PFBS	*85.3 %*	*50-200*
Surrogate: M3HFPO-DA	*52.8 %*	*50-200*
Surrogate: M2-8:2 FTS	*127 %*	*50-200*
Surrogate: M2-6:2 FTS	*82.2 %*	*50-200*
Surrogate: M2-4:2 FTS	*90.8 %*	*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	1.85	EPA 537.1	07/21/2024 09:40	KFH
					Certifications:		NELAC-NY12058	07/22/2024 12:15	
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		-	ng/L	1.85	EPA 537.1	07/21/2024 09:40	KFH
					Certifications:		NELAC-NY12058	07/22/2024 12:15	
2355-31-9	N-MeFOSAA	ND		-	ng/L	1.85	EPA 537.1	07/21/2024 09:40	KFH
					Certifications:		NELAC-NY12058	07/22/2024 12:15	
2991-50-6	N-EtFOSAA	ND		-	ng/L	1.85	EPA 537.1	07/21/2024 09:40	KFH
					Certifications:		NELAC-NY12058	07/22/2024 12:15	

Sample Information

Client Sample ID: GAC INFLUENT **York Sample ID:** 24G0908-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G0908	GAC INFLUENT/GAC EFFLUENT 7/15/24	Drinking Water	July 15, 2024 8:15 am	07/15/2024

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	*133 %*	PFSL	*70-130*					
	Surrogate: MPFDA	*111 %*		*70-130*					
	Surrogate: MPFHxA	*110 %*		*70-130*					
	Surrogate: M3HFPO-DA	*84.5 %*		*70-130*					

Hardness, Calcium (as CaCO3)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 200.7

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level MCL	Units	Reported to LOQ	Reference Method	Date/Time Prep/Anal.	Analyst
	Hardness, Calcium (as CaCO3)	65.3		-	mg/L	1.11	SM 2340B-2011	07/17/2024 08:31	AGNR
					Certifications:		NELAC-NY10854,CTDOH-PH-0723,NJD	07/17/2024 14:03	

Iron by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 200.7

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level MCL	Units	Reported to LOQ	Reference Method	Date/Time Prep/Anal.	Analyst
7439-89-6	Iron	ND		-	mg/L	0.278	EPA 200.7	07/17/2024 08:31	AGNR
					Certifications:		CTDOH-PH-0723,NELAC-	07/17/2024 14:03	

Sodium by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 200.7

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level MCL	Units	Reported to LOQ	Reference Method	Date/Time Prep/Anal.	Analyst
7440-23-5	**Sodium**	56.5	M-BS	-	mg/L	0.556	EPA 200.7	07/17/2024 08:31	AGNR
					Certifications:		CTDOH-PH-0723,NELAC-NY10854,NJD	07/17/2024 14:03	

Metals, TAL, ICPMS by 200.8

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 200.8

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level MCL	Units	Reported to LOQ	Reference Method	Date/Time Prep/Anal.	Analyst
7429-90-5	**Aluminum**	16.2	M-CCV1	-		10.0	EPA 200.8	07/17/2024 08:38	cw
					Certifications:		CTDOH-PH-0723,NELAC-NY10854,NJD	07/19/2024 18:21	
7440-36-0	Antimony	ND		-		1.00	EPA 200.8	07/17/2024 08:38	cw
					Certifications:		CTDOH-PH-0723,NELAC-	07/19/2024 18:21	
7440-38-2	**Arsenic**	0.105		-		1.00	EPA 200.8	07/17/2024 08:38	cw
					Certifications:		CTDOH-PH-0723,NELAC-NY10854,NJD	07/19/2024 18:21	
7440-39-3	**Barium**	78.6	M-CCV1	-		1.00	EPA 200.8	07/17/2024 08:38	cw
					Certifications:		CTDOH-PH-0723,NELAC-NY10854,NJD	07/19/2024 18:21	
7440-41-7	Beryllium	ND		-		0.300	EPA 200.8	07/17/2024 08:38	cw
					Certifications:		CTDOH-PH-0723,NELAC-	07/19/2024 18:21	

Sample Information

Client Sample ID: GAC INFLUENT **York Sample ID:** 24G0908-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G0908	GAC INFLUENT/GAC EFFLUENT 7/15/24	Drinking Water	July 15, 2024 8:15 am	07/15/2024

Metals, TAL, ICPMS by 200.8

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 200.8

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level MCL	Units	Reported to LOQ	Reference Method	Date/Time Prep/Anal.	Analyst
7440-43-9	**Cadmium**	**0.102**		-		0.500	EPA 200.8	07/17/2024 08:38	cw
					Certifications:		CTDOH-PH-0723,NELAC-NY10854,NJD	07/19/2024 18:21	
7440-47-3	Chromium	ND		-		1.00	EPA 200.8	07/17/2024 08:38	cw
					Certifications:		CTDOH-PH-0723,NELAC-	07/19/2024 18:21	
7440-48-4	**Cobalt**	**0.096**	**M-CCV1**	-		1.00	EPA 200.8	07/17/2024 08:38	cw
					Certifications:		CTDOH-PH-0723,NELAC-NY10854,NJD	07/19/2024 18:21	
7440-50-8	**Copper**	**1.92**	**M-CCV1**	-		1.00	EPA 200.8	07/17/2024 08:38	cw
					Certifications:		CTDOH-PH-0723,NELAC-NY10854,NJD	07/19/2024 18:21	
7439-92-1	Lead	ND		-		1.00	EPA 200.8	07/17/2024 08:38	cw
					Certifications:		CTDOH-PH-0723,NELAC-	07/19/2024 18:21	
7439-96-5	**Manganese**	**116**		-		1.00	EPA 200.8	07/17/2024 08:38	cw
					Certifications:		CTDOH-PH-0723,NELAC-NY10854,NJD	07/19/2024 18:21	
7440-02-0	**Nickel**	**0.326**	**M-CCV1**	-		1.00	EPA 200.8	07/17/2024 08:38	cw
					Certifications:		CTDOH-PH-0723,NELAC-NY10854,NJD	07/19/2024 18:21	
7782-49-2	**Selenium**	**0.293**		-		1.00	EPA 200.8	07/17/2024 08:38	cw
					Certifications:		CTDOH-PH-0723,NELAC-NY10854,NJD	07/19/2024 18:21	
7440-22-4	Silver	ND		-		1.00	EPA 200.8	07/17/2024 08:38	cw
					Certifications:		CTDOH-PH-0723,NELAC-	07/19/2024 18:21	
7440-28-0	Thallium	ND		-		1.00	EPA 200.8	07/17/2024 08:38	cw
					Certifications:		CTDOH-PH-0723,NELAC-	07/19/2024 18:21	
7440-62-2	Vanadium	ND		-		1.00	EPA 200.8	07/17/2024 08:38	cw
					Certifications:		CTDOH-PH-0723,NELAC-	07/19/2024 18:21	
7440-66-6	**Zinc**	**3.51**	**M-CCV1**	-		1.00	EPA 200.8	07/17/2024 08:38	cw
					Certifications:		CTDOH-PH-0723,NELAC-NY10854,NJD	07/19/2024 18:21	

Mercury by EPA 245.1

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 245.1 Mercury

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level MCL	Units	Reported to LOQ	Reference Method	Date/Time Prep/Anal.	Analyst
7439-97-6	Mercury	ND		-	mg/L	0.0002000	EPA 245.1	07/19/2024 09:10	PFA
					Certifications:		CTDOH-PH-0723,NELAC-	07/19/2024 09:10	

Sample Information

Client Sample ID: GAC INFLUENT FB **York Sample ID:** 24G0908-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G0908	GAC INFLUENT/GAC EFFLUENT 7/15/24	Drinking Water	July 15, 2024 8:15 am	07/15/2024

Sample Information

Client Sample ID: GAC INFLUENT FB

York Sample ID: 24G0908-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G0908	GAC INFLUENT/GAC EFFLUENT 7/15/24	Drinking Water	July 15, 2024 8:15 am	07/15/2024

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	0.961	EPA 533	07/17/2024 11:07	JTG
					Certifications:		NELAC-NY12058	07/18/2024 17:41	
756426-58-1	9CL-PF3ONS	ND		-	ng/L	0.961	EPA 533	07/17/2024 11:07	JTG
					Certifications:		NELAC-NY12058	07/18/2024 17:41	
763051-92-9	11CL-PF3OUdS	ND		-	ng/L	0.961	EPA 533	07/17/2024 11:07	JTG
					Certifications:		NELAC-NY12058	07/18/2024 17:41	
13252-13-6	HFPO-DA (Gen-X)	ND		-	ng/L	0.961	EPA 533	07/17/2024 11:07	JTG
					Certifications:		NELAC-NY12058	07/18/2024 17:41	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		-	ng/L	0.961	EPA 533	07/17/2024 11:07	JTG
					Certifications:		NELAC-NY12058	07/18/2024 17:41	
335-76-2	Perfluorodecanoic acid (PFDA)	ND		10	ng/L	0.961	EPA 533	07/17/2024 11:07	JTG
					Certifications:		NELAC-NY12058	07/18/2024 17:41	
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		-	ng/L	0.961	EPA 533	07/17/2024 11:07	JTG
					Certifications:		NELAC-NY12058	07/18/2024 17:41	
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		10	ng/L	0.961	EPA 533	07/17/2024 11:07	JTG
					Certifications:		NELAC-NY12058	07/18/2024 17:41	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		10	ng/L	0.961	EPA 533	07/17/2024 11:07	JTG
					Certifications:		NELAC-NY12058	07/18/2024 17:41	
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		-	ng/L	0.961	EPA 533	07/17/2024 11:07	JTG
					Certifications:		NELAC-NY12058	07/18/2024 17:41	
375-95-1	Perfluorononanoic acid (PFNA)	ND		10	ng/L	0.961	EPA 533	07/17/2024 11:07	JTG
					Certifications:		NELAC-NY12058	07/18/2024 17:41	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		4	ng/L	0.961	EPA 533	07/17/2024 11:07	JTG
					Certifications:		NELAC-NY12058	07/18/2024 17:41	
335-67-1	Perfluorooctanoic acid (PFOA)	ND		4	ng/L	0.961	EPA 533	07/17/2024 11:07	JTG
					Certifications:		NELAC-NY12058	07/18/2024 17:41	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		-	ng/L	0.961	EPA 533	07/17/2024 11:07	JTG
					Certifications:		NELAC-NY12058	07/18/2024 17:41	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		-	ng/L	0.961	EPA 533	07/17/2024 11:07	JTG
					Certifications:		NELAC-NY12058	07/18/2024 17:41	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		-	ng/L	0.961	EPA 533	07/17/2024 11:07	JTG
					Certifications:		NELAC-NY12058	07/18/2024 17:41	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		-	ng/L	0.961	EPA 533	07/17/2024 11:07	JTG
					Certifications:		NELAC-NY12058	07/18/2024 17:41	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		-	ng/L	1.92	EPA 533	07/17/2024 11:07	JTG
					Certifications:		NELAC-NY12058	07/18/2024 17:41	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		-	ng/L	1.92	EPA 533	07/17/2024 11:07	JTG
					Certifications:		NELAC-NY12058	07/18/2024 17:41	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		-	ng/L	1.92	EPA 533	07/17/2024 11:07	JTG
					Certifications:		NELAC-NY12058	07/18/2024 17:41	
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		-	ng/L	0.961	EPA 533	07/17/2024 11:07	JTG
					Certifications:		NELAC-NY12058	07/18/2024 17:41	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		-	ng/L	0.961	EPA 533	07/17/2024 11:07	JTG
					Certifications:		NELAC-NY12058	07/18/2024 17:41	

Sample Information

Client Sample ID: GAC INFLUENT FB

York Sample ID: 24G0908-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G0908	GAC INFLUENT/GAC EFFLUENT 7/15/24	Drinking Water	July 15, 2024 8:15 am	07/15/2024

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	0.961	EPA 533	07/17/2024 11:07	JTG
					Certifications:		NELAC-NY12058	07/18/2024 17:41	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		-	ng/L	0.961	EPA 533	07/17/2024 11:07	JTG
					Certifications:		NELAC-NY12058	07/18/2024 17:41	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		-	ng/L	0.961	EPA 533	07/17/2024 11:07	JTG
					Certifications:		NELAC-NY12058	07/18/2024 17:41	

Surrogate Recoveries	Result	Acceptance Range
Surrogate: MPFDoA	*67.1 %*	*50-200*
Surrogate: MPFBA	*82.8 %*	*50-200*
Surrogate: M9PFNA	*80.8 %*	*50-200*
Surrogate: M8PFOS	*90.1 %*	*50-200*
Surrogate: M8PFOA	*84.2 %*	*50-200*
Surrogate: M7PFUdA	*74.7 %*	*50-200*
Surrogate: M6PFDA	*75.5 %*	*50-200*
Surrogate: M5PFPeA	*86.7 %*	*50-200*
Surrogate: M5PFHxA	*76.5 %*	*50-200*
Surrogate: M4PFHpA	*79.4 %*	*50-200*
Surrogate: M3PFHxS	*75.5 %*	*50-200*
Surrogate: M3PFBS	*78.6 %*	*50-200*
Surrogate: M3HFPO-DA	*62.1 %*	*50-200*
Surrogate: M2-8:2 FTS	*134 %*	*50-200*
Surrogate: M2-6:2 FTS	*77.6 %*	*50-200*
Surrogate: M2-4:2 FTS	*69.9 %*	*50-200*

PFAS, EPA 537.1 UCMR5 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 537.1 SPE DVB

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level MCL	Units	Reported to LOQ	Reference Method	Date/Time Prep/Anal.	Analyst
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		-	ng/L	1.83	EPA 537.1	07/21/2024 09:40	KFH
					Certifications:		NELAC-NY12058	07/22/2024 12:28	
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		-	ng/L	1.83	EPA 537.1	07/21/2024 09:40	KFH
					Certifications:		NELAC-NY12058	07/22/2024 12:28	
2355-31-9	N-MeFOSAA	ND		-	ng/L	1.83	EPA 537.1	07/21/2024 09:40	KFH
					Certifications:		NELAC-NY12058	07/22/2024 12:28	
2991-50-6	N-EtFOSAA	ND		-	ng/L	1.83	EPA 537.1	07/21/2024 09:40	KFH
					Certifications:		NELAC-NY12058	07/22/2024 12:28	

Surrogate Recoveries	Result		Acceptance Range
Surrogate: d5-N-EtFOSAA	*134 %*	PFSL	*70-130*
Surrogate: MPFDA	*113 %*		*70-130*
Surrogate: MPFHxA	*108 %*		*70-130*

Sample Information

Client Sample ID: GAC INFLUENT FB **York Sample ID:** 24G0908-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G0908	GAC INFLUENT/GAC EFFLUENT 7/15/24	Drinking Water	July 15, 2024 8:15 am	07/15/2024

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	*107 %*		*70-130*					

Sample Information

Client Sample ID: GAC EFFLUENT **York Sample ID:** 24G0908-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G0908	GAC INFLUENT/GAC EFFLUENT 7/15/24	Drinking Water	July 15, 2024 8:45 am	07/15/2024

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	0.933	EPA 533	07/17/2024 11:07	JTG
					Certifications:		NELAC-NY12058	07/18/2024 17:54	
756426-58-1	9CL-PF3ONS	ND		-	ng/L	0.933	EPA 533	07/17/2024 11:07	JTG
					Certifications:		NELAC-NY12058	07/18/2024 17:54	
763051-92-9	11CL-PF3OUdS	ND		-	ng/L	0.933	EPA 533	07/17/2024 11:07	JTG
					Certifications:		NELAC-NY12058	07/18/2024 17:54	
13252-13-6	HFPO-DA (Gen-X)	ND		-	ng/L	0.933	EPA 533	07/17/2024 11:07	JTG
					Certifications:		NELAC-NY12058	07/18/2024 17:54	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		-	ng/L	0.933	EPA 533	07/17/2024 11:07	JTG
					Certifications:		NELAC-NY12058	07/18/2024 17:54	
335-76-2	Perfluorodecanoic acid (PFDA)	ND		10	ng/L	0.933	EPA 533	07/17/2024 11:07	JTG
					Certifications:		NELAC-NY12058	07/18/2024 17:54	
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		-	ng/L	0.933	EPA 533	07/17/2024 11:07	JTG
					Certifications:		NELAC-NY12058	07/18/2024 17:54	
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		10	ng/L	0.933	EPA 533	07/17/2024 11:07	JTG
					Certifications:		NELAC-NY12058	07/18/2024 17:54	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		10	ng/L	0.933	EPA 533	07/17/2024 11:07	JTG
					Certifications:		NELAC-NY12058	07/18/2024 17:54	
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		-	ng/L	0.933	EPA 533	07/17/2024 11:07	JTG
					Certifications:		NELAC-NY12058	07/18/2024 17:54	
375-95-1	Perfluorononanoic acid (PFNA)	ND		10	ng/L	0.933	EPA 533	07/17/2024 11:07	JTG
					Certifications:		NELAC-NY12058	07/18/2024 17:54	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		4	ng/L	0.933	EPA 533	07/17/2024 11:07	JTG
					Certifications:		NELAC-NY12058	07/18/2024 17:54	
335-67-1	Perfluorooctanoic acid (PFOA)	ND		4	ng/L	0.933	EPA 533	07/17/2024 11:07	JTG
					Certifications:		NELAC-NY12058	07/18/2024 17:54	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		-	ng/L	0.933	EPA 533	07/17/2024 11:07	JTG
					Certifications:		NELAC-NY12058	07/18/2024 17:54	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		-	ng/L	0.933	EPA 533	07/17/2024 11:07	JTG
					Certifications:		NELAC-NY12058	07/18/2024 17:54	

Sample Information

Client Sample ID: GAC EFFLUENT **York Sample ID:** 24G0908-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G0908	GAC INFLUENT/GAC EFFLUENT 7/15/24	Drinking Water	July 15, 2024 8:45 am	07/15/2024

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	0.933	EPA 533	07/17/2024 11:07	JTG
					Certifications:		NELAC-NY12058	07/18/2024 17:54	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		-	ng/L	0.933	EPA 533	07/17/2024 11:07	JTG
					Certifications:		NELAC-NY12058	07/18/2024 17:54	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		-	ng/L	1.87	EPA 533	07/17/2024 11:07	JTG
					Certifications:		NELAC-NY12058	07/18/2024 17:54	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		-	ng/L	1.87	EPA 533	07/17/2024 11:07	JTG
					Certifications:		NELAC-NY12058	07/18/2024 17:54	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		-	ng/L	1.87	EPA 533	07/17/2024 11:07	JTG
					Certifications:		NELAC-NY12058	07/18/2024 17:54	
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		-	ng/L	0.933	EPA 533	07/17/2024 11:07	JTG
					Certifications:		NELAC-NY12058	07/18/2024 17:54	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		-	ng/L	0.933	EPA 533	07/17/2024 11:07	JTG
					Certifications:		NELAC-NY12058	07/18/2024 17:54	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		-	ng/L	0.933	EPA 533	07/17/2024 11:07	JTG
					Certifications:		NELAC-NY12058	07/18/2024 17:54	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		-	ng/L	0.933	EPA 533	07/17/2024 11:07	JTG
					Certifications:		NELAC-NY12058	07/18/2024 17:54	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		-	ng/L	0.933	EPA 533	07/17/2024 11:07	JTG
					Certifications:		NELAC-NY12058	07/18/2024 17:54	

Surrogate Recoveries	Result	Acceptance Range
Surrogate: MPFDoA	*62.8 %*	*50-200*
Surrogate: MPFBA	*82.8 %*	*50-200*
Surrogate: M9PFNA	*80.3 %*	*50-200*
Surrogate: M8PFOS	*85.4 %*	*50-200*
Surrogate: M8PFOA	*84.7 %*	*50-200*
Surrogate: M7PFUdA	*73.6 %*	*50-200*
Surrogate: M6PFDA	*84.1 %*	*50-200*
Surrogate: M5PFPeA	*84.9 %*	*50-200*
Surrogate: M5PFHxA	*76.6 %*	*50-200*
Surrogate: M4PFHpA	*82.8 %*	*50-200*
Surrogate: M3PFHxS	*73.9 %*	*50-200*
Surrogate: M3PFBS	*76.5 %*	*50-200*
Surrogate: M3HFPO-DA	*58.9 %*	*50-200*
Surrogate: M2-8:2 FTS	*127 %*	*50-200*
Surrogate: M2-6:2 FTS	*74.5 %*	*50-200*
Surrogate: M2-4:2 FTS	*64.5 %*	*50-200*

PFAS, EPA 537.1 UCMR5 List

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: GAC EFFLUENT **York Sample ID:** 24G0908-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G0908	GAC INFLUENT/GAC EFFLUENT 7/15/24	Drinking Water	July 15, 2024 8:45 am	07/15/2024

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	1.93	EPA 537.1	07/21/2024 09:40	KFH
					Certifications:		NELAC-NY12058	07/22/2024 12:41	
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		-	ng/L	1.93	EPA 537.1	07/21/2024 09:40	KFH
					Certifications:		NELAC-NY12058	07/22/2024 12:41	
2355-31-9	N-MeFOSAA	ND		-	ng/L	1.93	EPA 537.1	07/21/2024 09:40	KFH
					Certifications:		NELAC-NY12058	07/22/2024 12:41	
2991-50-6	N-EtFOSAA	ND		-	ng/L	1.93	EPA 537.1	07/21/2024 09:40	KFH
					Certifications:		NELAC-NY12058	07/22/2024 12:41	

Surrogate Recoveries	Result	Acceptance Range
Surrogate: d5-N-EtFOSAA	*128 %*	*70-130*
Surrogate: MPFDA	*97.4 %*	*70-130*
Surrogate: MPFHxA	*98.5 %*	*70-130*
Surrogate: M3HFPO-DA	*95.7 %*	*70-130*

Hardness, Calcium (as CaCO3)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 200.7

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level MCL	Units	Reported to LOQ	Reference Method	Date/Time Prep/Anal.	Analyst
	Hardness, Calcium (as CaCO3)	65.2		-	mg/L	1.11	SM 2340B-2011	07/17/2024 08:31	AGNR
					Certifications:		NELAC-NY10854,CTDOH-PH-0723,NJD	07/17/2024 14:04	

Iron by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 200.7

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level MCL	Units	Reported to LOQ	Reference Method	Date/Time Prep/Anal.	Analyst
7439-89-6	Iron	ND		-	mg/L	0.278	EPA 200.7	07/17/2024 08:31	AGNR
					Certifications:		CTDOH-PH-0723,NELAC-	07/17/2024 14:04	

Sodium by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 200.7

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level MCL	Units	Reported to LOQ	Reference Method	Date/Time Prep/Anal.	Analyst
7440-23-5	**Sodium**	56.2	M-BS	-	mg/L	0.556	EPA 200.7	07/17/2024 08:31	AGNR
					Certifications:		CTDOH-PH-0723,NELAC-NY10854,NJD	07/17/2024 14:04	

Metals, TAL, ICPMS by 200.8

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 200.8

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level MCL	Units	Reported to LOQ	Reference Method	Date/Time Prep/Anal.	Analyst
7429-90-5	**Aluminum**	4.06		-		10.0	EPA 200.8	07/17/2024 08:38	cw
					Certifications:		CTDOH-PH-0723,NELAC-NY10854,NJD	07/19/2024 18:24	
7440-36-0	Antimony	ND		-		1.00	EPA 200.8	07/17/2024 08:38	cw
					Certifications:		CTDOH-PH-0723,NELAC-	07/19/2024 18:24	

Sample Information

Client Sample ID: GAC EFFLUENT **York Sample ID:** 24G0908-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G0908	GAC INFLUENT/GAC EFFLUENT 7/15/24	Drinking Water	July 15, 2024 8:45 am	07/15/2024

Metals, TAL, ICPMS by 200.8

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 200.8

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level MCL	Units	Reported to LOQ	Reference Method	Date/Time Prep/Anal.	Analyst
7440-38-2	**Arsenic**	**0.205**		-		1.00	EPA 200.8	07/17/2024 08:38	cw
					Certifications:		CTDOH-PH-0723,NELAC-NY10854,NJD	07/19/2024 18:24	
7440-39-3	**Barium**	**72.3**	**M-CCV1**	-		1.00	EPA 200.8	07/17/2024 08:38	cw
					Certifications:		CTDOH-PH-0723,NELAC-NY10854,NJD	07/19/2024 18:24	
7440-41-7	Beryllium	ND		-		0.300	EPA 200.8	07/17/2024 08:38	cw
					Certifications:		CTDOH-PH-0723,NELAC-	07/19/2024 18:24	
7440-43-9	Cadmium	ND		-		0.500	EPA 200.8	07/17/2024 08:38	cw
					Certifications:		CTDOH-PH-0723,NELAC-	07/19/2024 18:24	
7440-47-3	Chromium	ND		-		1.00	EPA 200.8	07/17/2024 08:38	cw
					Certifications:		CTDOH-PH-0723,NELAC-	07/19/2024 18:24	
7440-48-4	Cobalt	ND	M-CCV1	-		1.00	EPA 200.8	07/17/2024 08:38	cw
					Certifications:		CTDOH-PH-0723,NELAC-	07/19/2024 18:24	
7440-50-8	Copper	ND	M-CCV1	-		1.00	EPA 200.8	07/17/2024 08:38	cw
					Certifications:		CTDOH-PH-0723,NELAC-	07/19/2024 18:24	
7439-92-1	Lead	ND		-		1.00	EPA 200.8	07/17/2024 08:38	cw
					Certifications:		CTDOH-PH-0723,NELAC-	07/19/2024 18:24	
7439-96-5	**Manganese**	**77.3**		-		1.00	EPA 200.8	07/17/2024 08:38	cw
					Certifications:		CTDOH-PH-0723,NELAC-NY10854,NJD	07/19/2024 18:24	
7440-02-0	**Nickel**	**0.613**	**M-CCV1**	-		1.00	EPA 200.8	07/17/2024 08:38	cw
					Certifications:		CTDOH-PH-0723,NELAC-NY10854,NJD	07/19/2024 18:24	
7782-49-2	**Selenium**	**0.555**		-		1.00	EPA 200.8	07/17/2024 08:38	cw
					Certifications:		CTDOH-PH-0723,NELAC-NY10854,NJD	07/19/2024 18:24	
7440-22-4	Silver	ND		-		1.00	EPA 200.8	07/17/2024 08:38	cw
					Certifications:		CTDOH-PH-0723,NELAC-	07/19/2024 18:24	
7440-28-0	Thallium	ND		-		1.00	EPA 200.8	07/17/2024 08:38	cw
					Certifications:		CTDOH-PH-0723,NELAC-	07/19/2024 18:24	
7440-62-2	Vanadium	ND		-		1.00	EPA 200.8	07/17/2024 08:38	cw
					Certifications:		CTDOH-PH-0723,NELAC-	07/19/2024 18:24	
7440-66-6	**Zinc**	**4.00**	**M-CCV1**	-		1.00	EPA 200.8	07/17/2024 08:38	cw
					Certifications:		CTDOH-PH-0723,NELAC-NY10854,NJD	07/19/2024 18:24	

Mercury by EPA 245.1

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 245.1 Mercury

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level MCL	Units	Reported to LOQ	Reference Method	Date/Time Prep/Anal.	Analyst
7439-97-6	Mercury	ND		-	mg/L	0.0002000	EPA 245.1	07/19/2024 09:10	PFA
					Certifications:		CTDOH-PH-0723,NELAC-	07/19/2024 09:10	

Sample Information

Client Sample ID: GAC EFFLUENT FB

York Sample ID: 24G0908-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G0908	GAC INFLUENT/GAC EFFLUENT 7/15/24	Drinking Water	July 15, 2024 8:45 am	07/15/2024

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	0.953	EPA 533	07/17/2024 11:07	JTG
					Certifications:		NELAC-NY12058	07/18/2024 18:07	
756426-58-1	9CL-PF3ONS	ND		-	ng/L	0.953	EPA 533	07/17/2024 11:07	JTG
					Certifications:		NELAC-NY12058	07/18/2024 18:07	
763051-92-9	11CL-PF3OUdS	ND		-	ng/L	0.953	EPA 533	07/17/2024 11:07	JTG
					Certifications:		NELAC-NY12058	07/18/2024 18:07	
13252-13-6	HFPO-DA (Gen-X)	ND		-	ng/L	0.953	EPA 533	07/17/2024 11:07	JTG
					Certifications:		NELAC-NY12058	07/18/2024 18:07	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		-	ng/L	0.953	EPA 533	07/17/2024 11:07	JTG
					Certifications:		NELAC-NY12058	07/18/2024 18:07	
335-76-2	Perfluorodecanoic acid (PFDA)	ND		10	ng/L	0.953	EPA 533	07/17/2024 11:07	JTG
					Certifications:		NELAC-NY12058	07/18/2024 18:07	
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		-	ng/L	0.953	EPA 533	07/17/2024 11:07	JTG
					Certifications:		NELAC-NY12058	07/18/2024 18:07	
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		10	ng/L	0.953	EPA 533	07/17/2024 11:07	JTG
					Certifications:		NELAC-NY12058	07/18/2024 18:07	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		10	ng/L	0.953	EPA 533	07/17/2024 11:07	JTG
					Certifications:		NELAC-NY12058	07/18/2024 18:07	
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		-	ng/L	0.953	EPA 533	07/17/2024 11:07	JTG
					Certifications:		NELAC-NY12058	07/18/2024 18:07	
375-95-1	Perfluorononanoic acid (PFNA)	ND		10	ng/L	0.953	EPA 533	07/17/2024 11:07	JTG
					Certifications:		NELAC-NY12058	07/18/2024 18:07	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		4	ng/L	0.953	EPA 533	07/17/2024 11:07	JTG
					Certifications:		NELAC-NY12058	07/18/2024 18:07	
335-67-1	Perfluorooctanoic acid (PFOA)	ND		4	ng/L	0.953	EPA 533	07/17/2024 11:07	JTG
					Certifications:		NELAC-NY12058	07/18/2024 18:07	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		-	ng/L	0.953	EPA 533	07/17/2024 11:07	JTG
					Certifications:		NELAC-NY12058	07/18/2024 18:07	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		-	ng/L	0.953	EPA 533	07/17/2024 11:07	JTG
					Certifications:		NELAC-NY12058	07/18/2024 18:07	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		-	ng/L	0.953	EPA 533	07/17/2024 11:07	JTG
					Certifications:		NELAC-NY12058	07/18/2024 18:07	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		-	ng/L	0.953	EPA 533	07/17/2024 11:07	JTG
					Certifications:		NELAC-NY12058	07/18/2024 18:07	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		-	ng/L	1.91	EPA 533	07/17/2024 11:07	JTG
					Certifications:		NELAC-NY12058	07/18/2024 18:07	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		-	ng/L	1.91	EPA 533	07/17/2024 11:07	JTG
					Certifications:		NELAC-NY12058	07/18/2024 18:07	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		-	ng/L	1.91	EPA 533	07/17/2024 11:07	JTG
					Certifications:		NELAC-NY12058	07/18/2024 18:07	
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		-	ng/L	0.953	EPA 533	07/17/2024 11:07	JTG
					Certifications:		NELAC-NY12058	07/18/2024 18:07	

Sample Information

Client Sample ID: GAC EFFLUENT FB **York Sample ID:** 24G0908-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G0908	GAC INFLUENT/GAC EFFLUENT 7/15/24	Drinking Water	July 15, 2024 8:45 am	07/15/2024

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
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		-	ng/L	0.953	EPA 533	07/17/2024 11:07	JTG
					Certifications:		NELAC-NY12058	07/18/2024 18:07	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		-	ng/L	0.953	EPA 533	07/17/2024 11:07	JTG
					Certifications:		NELAC-NY12058	07/18/2024 18:07	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		-	ng/L	0.953	EPA 533	07/17/2024 11:07	JTG
					Certifications:		NELAC-NY12058	07/18/2024 18:07	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		-	ng/L	0.953	EPA 533	07/17/2024 11:07	JTG
					Certifications:		NELAC-NY12058	07/18/2024 18:07	

Surrogate Recoveries	Result	Acceptance Range
Surrogate: MPFDoA	*58.4 %*	*50-200*
Surrogate: MPFBA	*83.1 %*	*50-200*
Surrogate: M9PFNA	*82.5 %*	*50-200*
Surrogate: M8PFOS	*84.2 %*	*50-200*
Surrogate: M8PFOA	*87.9 %*	*50-200*
Surrogate: M7PFUdA	*67.4 %*	*50-200*
Surrogate: M6PFDA	*79.5 %*	*50-200*
Surrogate: M5PFPeA	*84.4 %*	*50-200*
Surrogate: M5PFHxA	*78.5 %*	*50-200*
Surrogate: M4PFHpA	*80.8 %*	*50-200*
Surrogate: M3PFHxS	*70.1 %*	*50-200*
Surrogate: M3PFBS	*80.6 %*	*50-200*
Surrogate: M3HFPO-DA	*65.4 %*	*50-200*
Surrogate: M2-8:2 FTS	*130 %*	*50-200*
Surrogate: M2-6:2 FTS	*73.4 %*	*50-200*
Surrogate: M2-4:2 FTS	*69.6 %*	*50-200*

PFAS, EPA 537.1 UCMR5 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 537.1 SPE DVB

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level MCL	Units	Reported to LOQ	Reference Method	Date/Time Prep/Anal.	Analyst
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		-	ng/L	1.81	EPA 537.1	07/21/2024 09:40	KFH
					Certifications:		NELAC-NY12058	07/22/2024 13:07	
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		-	ng/L	1.81	EPA 537.1	07/21/2024 09:40	KFH
					Certifications:		NELAC-NY12058	07/22/2024 13:07	
2355-31-9	N-MeFOSAA	ND		-	ng/L	1.81	EPA 537.1	07/21/2024 09:40	KFH
					Certifications:		NELAC-NY12058	07/22/2024 13:07	
2991-50-6	N-EtFOSAA	ND		-	ng/L	1.81	EPA 537.1	07/21/2024 09:40	KFH
					Certifications:		NELAC-NY12058	07/22/2024 13:07	

Surrogate Recoveries	Result		Acceptance Range
Surrogate: d5-N-EtFOSAA	*137 %*	PFSH	*70-130*

Sample Information

Client Sample ID: GAC EFFLUENT FB **York Sample ID:** 24G0908-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G0908	GAC INFLUENT/GAC EFFLUENT 7/15/24	Drinking Water	July 15, 2024 8:45 am	07/15/2024

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: MPFDA	*106 %*		*70-130*					
	Surrogate: MPFHxA	*102 %*		*70-130*					
	Surrogate: M3HFPO-DA	*95.1 %*		*70-130*					

Analytical Batch Summary

Batch ID: BG41099 **Preparation Method:** EPA 200.7 **Prepared By:** DBT

YORK Sample ID	Client Sample ID	Preparation Date
24G0908-01	GAC INFLUENT	07/17/24
24G0908-03	GAC EFFLUENT	07/17/24
BG41099-BLK1	Blank	07/17/24
BG41099-BS1	LCS	07/17/24
BG41099-DUP1	Duplicate	07/17/24
BG41099-MS1	Matrix Spike	07/17/24
BG41099-MS2	Matrix Spike	07/17/24
BG41099-PS1	Post Spike	07/17/24

Batch ID: BG41102 **Preparation Method:** EPA 200.8 **Prepared By:** DBT

YORK Sample ID	Client Sample ID	Preparation Date
24G0908-01	GAC INFLUENT	07/17/24
24G0908-03	GAC EFFLUENT	07/17/24
BG41102-BLK2	Blank	07/17/24
BG41102-BS2	LCS	07/17/24
BG41102-DUP1	Duplicate	07/17/24
BG41102-MS1	Matrix Spike	07/17/24

Batch ID: BG41124 **Preparation Method:** EPA 533 **Prepared By:** MPR

YORK Sample ID	Client Sample ID	Preparation Date
24G0908-01	GAC INFLUENT	07/17/24
24G0908-02	GAC INFLUENT FB	07/17/24
24G0908-03	GAC EFFLUENT	07/17/24
24G0908-04	GAC EFFLUENT FB	07/17/24
BG41124-BLK1	Blank	07/17/24
BG41124-BLK2	Blank	07/17/24
BG41124-BS1	LCS	07/17/24
BG41124-DUP1	Duplicate	07/17/24
BG41124-MS1	Matrix Spike	07/17/24

Batch ID: BG41278 **Preparation Method:** EPA 245.1 Mercury **Prepared By:** AJL

YORK Sample ID	Client Sample ID	Preparation Date
24G0908-01	GAC INFLUENT	07/19/24
24G0908-03	GAC EFFLUENT	07/19/24
BG41278-BLK1	Blank	07/19/24
BG41278-BLK2	Blank	07/19/24
BG41278-BS1	LCS	07/19/24
BG41278-BS2	LCS	07/19/24

Batch ID: BG41326 **Preparation Method:** EPA 537.1 SPE DVB **Prepared By:** SAB

YORK Sample ID	Client Sample ID	Preparation Date
24G0908-01	GAC INFLUENT	07/21/24
24G0908-02	GAC INFLUENT FB	07/21/24
24G0908-03	GAC EFFLUENT	07/21/24
24G0908-04	GAC EFFLUENT FB	07/21/24
BG41326-BLK1	Blank	07/21/24
BG41326-BLK2	Blank	07/21/24
BG41326-BS1	LCS	07/21/24
BG41326-DUP1	Duplicate	07/21/24
BG41326-MS1	Matrix Spike	07/21/24

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 BG41124 - EPA 533											
Blank (BG41124-BLK1)									Prepared: 07/17/2024 Analyzed: 07/18/2024		
ADONA	ND	0.880	ng/L								
9CL-PF3ONS	ND	0.880	"								
11CL-PF3OUdS	ND	0.880	"								
HFPO-DA (Gen-X)	ND	0.880	"								
Perfluorobutanesulfonic acid (PFBS)	ND	0.880	"								
Perfluorodecanoic acid (PFDA)	ND	0.880	"								
Perfluorododecanoic acid (PFDoA)	ND	0.880	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.880	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.880	"								
Perfluorohexanoic acid (PFHxA)	ND	0.880	"								
Perfluorononanoic acid (PFNA)	ND	0.880	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.880	"								
Perfluorooctanoic acid (PFOA)	ND	0.880	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.880	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	0.880	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.880	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.880	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	1.76	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	1.76	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	1.76	"								
Perfluoropentanoic acid (PFPeA)	ND	0.880	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.880	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.880	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.880	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.880	"								
Surrogate: MPFDoA	*10.6*		"	*17.6*		*60.4*	*50-200*				
Surrogate: MPFBA	*15.3*		"	*17.6*		*87.0*	*50-200*				
Surrogate: M9PFNA	*15.7*		"	*17.6*		*89.2*	*50-200*				
Surrogate: M8PFOS	*15.4*		"	*16.9*		*91.3*	*50-200*				
Surrogate: M8PFOA	*14.8*		"	*17.6*		*84.1*	*50-200*				
Surrogate: M7PFUdA	*13.0*		"	*17.6*		*73.9*	*50-200*				
Surrogate: M6PFDA	*15.3*		"	*17.6*		*86.7*	*50-200*				
Surrogate: M5PFPeA	*16.8*		"	*17.6*		*95.4*	*50-200*				
Surrogate: M5PFHxA	*13.9*		"	*17.6*		*78.7*	*50-200*				
Surrogate: M4PFHpA	*14.9*		"	*17.6*		*84.5*	*50-200*				
Surrogate: M3PFHxS	*13.3*		"	*16.7*		*79.4*	*50-200*				
Surrogate: M3PFBS	*13.5*		"	*16.4*		*82.1*	*50-200*				
Surrogate: M3HFPO-DA	*12.2*		"	*17.6*		*69.2*	*50-200*				
Surrogate: M2-8:2 FTS	*95.3*		"	*67.6*		*141*	*50-200*				
Surrogate: M2-6:2 FTS	*56.5*		"	*66.9*		*84.4*	*50-200*				
Surrogate: M2-4:2 FTS	*51.8*		"	*66.2*		*78.3*	*50-200*				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG41124 - EPA 533											
Blank (BG41124-BLK2)									Prepared: 07/17/2024 Analyzed: 07/18/2024		
ADONA	ND	0.893	ng/L								
9CL-PF3ONS	ND	0.893	"								
11CL-PF3OUdS	ND	0.893	"								
HFPO-DA (Gen-X)	ND	0.893	"								
Perfluorobutanesulfonic acid (PFBS)	ND	0.893	"								
Perfluorodecanoic acid (PFDA)	ND	0.893	"								
Perfluorododecanoic acid (PFDoA)	ND	0.893	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.893	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.893	"								
Perfluorohexanoic acid (PFHxA)	ND	0.893	"								
Perfluorononanoic acid (PFNA)	ND	0.893	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.893	"								
Perfluorooctanoic acid (PFOA)	ND	0.893	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.893	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	0.893	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.893	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.893	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	1.79	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	1.79	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	1.79	"								
Perfluoropentanoic acid (PFPeA)	ND	0.893	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.893	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.893	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.893	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.893	"								
Surrogate: MPFDoA	*12.0*		*"*	*17.9*		*67.4*	*50-200*				
Surrogate: MPFBA	*14.5*		*"*	*17.9*		*81.0*	*50-200*				
Surrogate: M9PFNA	*13.7*		*"*	*17.9*		*76.7*	*50-200*				
Surrogate: M8PFOS	*14.7*		*"*	*17.1*		*85.8*	*50-200*				
Surrogate: M8PFOA	*14.2*		*"*	*17.9*		*79.2*	*50-200*				
Surrogate: M7PFUdA	*13.0*		*"*	*17.9*		*72.7*	*50-200*				
Surrogate: M6PFDA	*13.2*		*"*	*17.9*		*73.9*	*50-200*				
Surrogate: M5PFPeA	*15.1*		*"*	*17.9*		*84.8*	*50-200*				
Surrogate: M5PFHxA	*12.5*		*"*	*17.9*		*69.9*	*50-200*				
Surrogate: M4PFHpA	*13.8*		*"*	*17.9*		*77.5*	*50-200*				
Surrogate: M3PFHxS	*13.1*		*"*	*16.9*		*77.1*	*50-200*				
Surrogate: M3PFBS	*13.3*		*"*	*16.6*		*79.8*	*50-200*				
Surrogate: M3HFPO-DA	*10.6*		*"*	*17.9*		*59.6*	*50-200*				
Surrogate: M2-8:2 FTS	*91.8*		*"*	*68.6*		*134*	*50-200*				
Surrogate: M2-6:2 FTS	*53.4*		*"*	*67.9*		*78.7*	*50-200*				
Surrogate: M2-4:2 FTS	*48.1*		*"*	*67.2*		*71.6*	*50-200*				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG41124 - EPA 533											
LCS (BG41124-BS1)								Prepared: 07/17/2024 Analyzed: 07/18/2024			
ADONA	17.3	0.883	ng/L	16.7		104	70-130				
9CL-PF3ONS	18.1	0.883	"	16.5		110	70-130				
11CL-PF3OUdS	16.1	0.883	"	16.7		96.4	70-130				
HFPO-DA (Gen-X)	22.0	0.883	"	17.7		125	70-130				
Perfluorobutanesulfonic acid (PFBS)	17.6	0.883	"	15.7		112	70-130				
Perfluorodecanoic acid (PFDA)	21.9	0.883	"	17.7		124	70-130				
Perfluorododecanoic acid (PFDoA)	20.3	0.883	"	17.7		115	70-130				
Perfluoroheptanoic acid (PFHpA)	18.7	0.883	"	17.7		106	70-130				
Perfluorohexanesulfonic acid (PFHxS)	18.7	0.883	"	16.1		116	70-130				
Perfluorohexanoic acid (PFHxA)	19.2	0.883	"	17.7		109	70-130				
Perfluorononanoic acid (PFNA)	22.1	0.883	"	17.7		125	70-130				
Perfluorooctanesulfonic acid (PFOS)	20.0	0.883	"	16.4		122	70-130				
Perfluorooctanoic acid (PFOA)	19.6	0.883	"	17.7		111	70-130				
Perfluoroundecanoic acid (PFUnA)	17.5	0.883	"	17.7		99.2	70-130				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	18.0	0.883	"	16.6		109	70-130				
Perfluoro-1-pentanesulfonate (PFPeS)	20.3	0.883	"	16.6		122	70-130				
Perfluoro-n-butanoic acid (PFBA)	19.5	0.883	"	17.7		110	70-130				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	21.0	1.77	"	16.9		124	70-130				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	22.1	1.77	"	16.8		131	70-130	High Bias			
Perfluoro-1-heptanesulfonic acid (PFHpS)	17.4	1.77	"	16.8		103	70-130				
Perfluoropentanoic acid (PFPeA)	19.3	0.883	"	17.7		109	70-130				
Perfluoro-5-oxahexanoic acid (PFMBA)	20.1	0.883	"	17.7		114	70-130				
Perfluoro-4-oxapentanoic acid (PFMPA)	18.9	0.883	"	17.7		107	70-130				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	19.9	0.883	"	17.7		113	70-130				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	16.3	0.883	"	15.7		103	70-130				
Surrogate: MPFDoA	*12.1*		"	*17.7*		*68.5*	*50-200*				
Surrogate: MPFBA	*14.9*		"	*17.7*		*84.5*	*50-200*				
Surrogate: M9PFNA	*14.7*		"	*17.7*		*83.1*	*50-200*				
Surrogate: M8PFOS	*14.3*		"	*16.9*		*84.7*	*50-200*				
Surrogate: M8PFOA	*15.4*		"	*17.7*		*87.4*	*50-200*				
Surrogate: M7PFUdA	*14.5*		"	*17.7*		*82.4*	*50-200*				
Surrogate: M6PFDA	*14.5*		"	*17.7*		*82.2*	*50-200*				
Surrogate: M5PFPeA	*15.7*		"	*17.7*		*89.0*	*50-200*				
Surrogate: M5PFHxA	*13.7*		"	*17.7*		*77.5*	*50-200*				
Surrogate: M4PFHpA	*14.5*		"	*17.7*		*82.3*	*50-200*				
Surrogate: M3PFHxS	*12.8*		"	*16.7*		*76.2*	*50-200*				
Surrogate: M3PFBS	*13.2*		"	*16.5*		*80.2*	*50-200*				
Surrogate: M3HFPO-DA	*10.7*		"	*17.7*		*60.8*	*50-200*				
Surrogate: M2-8:2 FTS	*90.8*		"	*67.8*		*134*	*50-200*				
Surrogate: M2-6:2 FTS	*52.8*		"	*67.1*		*78.7*	*50-200*				
Surrogate: M2-4:2 FTS	*49.7*		"	*66.4*		*74.9*	*50-200*				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG41124 - EPA 533											
Duplicate (BG41124-DUP1)	*Source sample: 24G0795-02 (Duplicate)							Prepared: 07/17/2024 Analyzed: 07/18/2024			
ADONA	ND	0.941	ng/L		ND					30	
9CL-PF3ONS	ND	0.941	"		ND					30	
11CL-PF3OUdS	ND	0.941	"		ND					30	
HFPO-DA (Gen-X)	ND	0.941	"		ND					30	
Perfluorobutanesulfonic acid (PFBS)	ND	0.941	"		ND					30	
Perfluorodecanoic acid (PFDA)	ND	0.941	"		ND					30	
Perfluorododecanoic acid (PFDoA)	ND	0.941	"		ND					30	
Perfluoroheptanoic acid (PFHpA)	ND	0.941	"		ND					30	
Perfluorohexanesulfonic acid (PFHxS)	ND	0.941	"		ND					30	
Perfluorohexanoic acid (PFHxA)	ND	0.941	"		ND					30	
Perfluorononanoic acid (PFNA)	ND	0.941	"		ND					30	
Perfluorooctanesulfonic acid (PFOS)	ND	0.941	"		ND					30	
Perfluorooctanoic acid (PFOA)	ND	0.941	"		ND					30	
Perfluoroundecanoic acid (PFUnA)	ND	0.941	"		ND					30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	0.941	"		ND					30	
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.941	"		ND					30	
Perfluoro-n-butanoic acid (PFBA)	ND	0.941	"		ND					30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	1.88	"		ND					30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	1.88	"		ND					30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	1.88	"		ND					30	
Perfluoropentanoic acid (PFPeA)	ND	0.941	"		ND					30	
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.941	"		ND					30	
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.941	"		ND					30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.941	"		ND					30	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.941	"		ND					30	
Surrogate: MPFDoA	*12.5*		"	*18.8*		*66.5*	*50-200*				
Surrogate: MPFBA	*15.6*		"	*18.8*		*82.8*	*50-200*				
Surrogate: M9PFNA	*14.9*		"	*18.8*		*79.1*	*50-200*				
Surrogate: M8PFOS	*14.5*		"	*18.0*		*80.3*	*50-200*				
Surrogate: M8PFOA	*16.2*		"	*18.8*		*86.2*	*50-200*				
Surrogate: M7PFUdA	*14.0*		"	*18.8*		*74.5*	*50-200*				
Surrogate: M6PFDA	*15.1*		"	*18.8*		*80.3*	*50-200*				
Surrogate: M5PFPeA	*16.4*		"	*18.8*		*87.2*	*50-200*				
Surrogate: M5PFHxA	*14.6*		"	*18.8*		*77.8*	*50-200*				
Surrogate: M4PFHpA	*16.0*		"	*18.8*		*85.0*	*50-200*				
Surrogate: M3PFHxS	*13.7*		"	*17.8*		*76.9*	*50-200*				
Surrogate: M3PFBS	*13.4*		"	*17.5*		*76.3*	*50-200*				
Surrogate: M3HFPO-DA	*11.8*		"	*18.8*		*62.4*	*50-200*				
Surrogate: M2-8:2 FTS	*95.7*		"	*72.3*		*132*	*50-200*				
Surrogate: M2-6:2 FTS	*57.3*		"	*71.5*		*80.1*	*50-200*				
Surrogate: M2-4:2 FTS	*50.5*		"	*70.8*		*71.3*	*50-200*				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG41124 - EPA 533											
Matrix Spike (BG41124-MS1)	*Source sample: 24G0794-02 (Matrix Spike)								Prepared: 07/17/2024 Analyzed: 07/18/2024		
ADONA	35.2	0.928	ng/L	35.1	ND	100	70-130				
9CL-PF3ONS	35.7	0.928	"	34.7	ND	103	70-130				
11CL-PF3OUdS	29.4	0.928	"	35.0	ND	83.9	70-130				
HFPO-DA (Gen-X)	39.1	0.928	"	37.1	ND	105	70-130				
Perfluorobutanesulfonic acid (PFBS)	39.7	0.928	"	33.0	ND	120	70-130				
Perfluorodecanoic acid (PFDA)	45.2	0.928	"	37.1	ND	122	70-130				
Perfluorododecanoic acid (PFDoA)	40.9	0.928	"	37.1	ND	110	70-130				
Perfluoroheptanoic acid (PFHpA)	39.9	0.928	"	37.1	ND	108	70-130				
Perfluorohexanesulfonic acid (PFHxS)	39.5	0.928	"	33.8	ND	117	70-130				
Perfluorohexanoic acid (PFHxA)	42.2	0.928	"	37.1	ND	114	70-130				
Perfluorononanoic acid (PFNA)	46.6	0.928	"	37.1	ND	126	70-130				
Perfluorooctanesulfonic acid (PFOS)	37.8	0.928	"	34.4	ND	110	70-130				
Perfluorooctanoic acid (PFOA)	41.7	0.928	"	37.1	ND	112	70-130				
Perfluoroundecanoic acid (PFUnA)	38.7	0.928	"	37.1	ND	104	70-130				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	35.9	0.928	"	34.8	ND	103	70-130				
Perfluoro-1-pentanesulfonate (PFPeS)	40.3	0.928	"	34.9	ND	116	70-130				
Perfluoro-n-butanoic acid (PFBA)	40.9	0.928	"	37.1	ND	110	70-130				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	39.7	1.86	"	35.6	ND	111	70-130				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	39.6	1.86	"	35.3	ND	112	70-130				
Perfluoro-1-heptanesulfonic acid (PFHpS)	36.3	1.86	"	35.4	ND	103	70-130				
Perfluoropentanoic acid (PFPeA)	40.0	0.928	"	37.1	ND	108	70-130				
Perfluoro-5-oxahexanoic acid (PFMBA)	41.5	0.928	"	37.1	ND	112	70-130				
Perfluoro-4-oxapentanoic acid (PFMPA)	40.3	0.928	"	37.1	ND	108	70-130				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	40.8	0.928	"	37.1	ND	110	70-130				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	35.6	0.928	"	33.1	ND	107	70-130				
Surrogate: MPFDoA	*12.4*		"	*18.6*		*66.9*	*50-200*				
Surrogate: MPFBA	*15.8*		"	*18.6*		*85.2*	*50-200*				
Surrogate: M9PFNA	*14.6*		"	*18.6*		*78.7*	*50-200*				
Surrogate: M8PFOS	*15.8*		"	*17.8*		*88.9*	*50-200*				
Surrogate: M8PFOA	*15.6*		"	*18.6*		*84.3*	*50-200*				
Surrogate: M7PFUdA	*13.6*		"	*18.6*		*73.6*	*50-200*				
Surrogate: M6PFDA	*14.0*		"	*18.6*		*75.5*	*50-200*				
Surrogate: M5PFPeA	*16.8*		"	*18.6*		*90.6*	*50-200*				
Surrogate: M5PFHxA	*13.5*		"	*18.6*		*72.8*	*50-200*				
Surrogate: M4PFHpA	*14.7*		"	*18.6*		*79.4*	*50-200*				
Surrogate: M3PFHxS	*14.0*		"	*17.6*		*79.7*	*50-200*				
Surrogate: M3PFBS	*13.4*		"	*17.3*		*77.6*	*50-200*				
Surrogate: M3HFPO-DA	*12.0*		"	*18.6*		*64.6*	*50-200*				
Surrogate: M2-8:2 FTS	*102*		"	*71.3*		*143*	*50-200*				
Surrogate: M2-6:2 FTS	*58.8*		"	*70.5*		*83.4*	*50-200*				
Surrogate: M2-4:2 FTS	*52.6*		"	*69.8*		*75.4*	*50-200*				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG41326 - EPA 537.1 SPE DVB											
Blank (BG41326-BLK1)									Prepared: 07/21/2024 Analyzed: 07/22/2024		
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	*384*		*"*	*320*		*120*	*70-130*				
Surrogate: MPFDA	*90.8*		*"*	*80.0*		*114*	*70-130*				
Surrogate: MPFHxA	*91.1*		*"*	*80.0*		*114*	*70-130*				
Surrogate: M3HFPO-DA	*81.8*		*"*	*80.0*		*102*	*70-130*				
Blank (BG41326-BLK2)									Prepared: 07/21/2024 Analyzed: 07/22/2024		
Perfluorotridecanoic acid (PFTrDA)	ND	1.85	ng/L								
Perfluorotetradecanoic acid (PFTA)	ND	1.85	"								
N-MeFOSAA	ND	1.85	"								
N-EtFOSAA	ND	1.85	"								
Surrogate: d5-N-EtFOSAA	*194*		*"*	*148*		*132*	*70-130*				
Surrogate: MPFDA	*40.6*		*"*	*36.9*		*110*	*70-130*				
Surrogate: MPFHxA	*43.1*		*"*	*36.9*		*117*	*70-130*				
Surrogate: M3HFPO-DA	*38.3*		*"*	*36.9*		*104*	*70-130*				
LCS (BG41326-BS1)									Prepared: 07/21/2024 Analyzed: 07/22/2024		
Perfluorotridecanoic acid (PFTrDA)	34.5	4.00	ng/L	40.0		86.2	70-130				
Perfluorotetradecanoic acid (PFTA)	33.5	4.00	"	40.0		83.7	70-130				
N-MeFOSAA	42.9	4.00	"	40.0		107	70-130				
N-EtFOSAA	48.2	4.00	"	40.0		121	70-130				
Surrogate: d5-N-EtFOSAA	*366*		*"*	*320*		*114*	*70-130*				
Surrogate: MPFDA	*82.6*		*"*	*80.0*		*103*	*70-130*				
Surrogate: MPFHxA	*87.1*		*"*	*80.0*		*109*	*70-130*				
Surrogate: M3HFPO-DA	*77.6*		*"*	*80.0*		*97.1*	*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 BG41326 - EPA 537.1 SPE DVB											
Duplicate (BG41326-DUP1)	*Source sample: 24G1117-04 (Duplicate)								Prepared: 07/21/2024 Analyzed: 07/22/2024		
Perfluorotridecanoic acid (PFTrDA)	ND	1.89	ng/L		ND					25	
Perfluorotetradecanoic acid (PFTA)	ND	1.89	"		ND					25	
N-MeFOSAA	ND	1.89	"		ND					25	
N-EtFOSAA	ND	1.89	"		ND					25	
Surrogate: d5-N-EtFOSAA	*214*		*"*	*152*		*141*	*70-130*				
Surrogate: MPFDA	*37.3*		*"*	*37.9*		*98.6*	*70-130*				
Surrogate: MPFHxA	*36.4*		*"*	*37.9*		*96.2*	*70-130*				
Surrogate: M3HFPO-DA	*37.2*		*"*	*37.9*		*98.2*	*70-130*				
Matrix Spike (BG41326-MS1)	*Source sample: 24G0923-02 (Matrix Spike)								Prepared: 07/21/2024 Analyzed: 07/22/2024		
Perfluorotridecanoic acid (PFTrDA)	39.2	1.83	ng/L	36.6	ND	107	70-130				
Perfluorotetradecanoic acid (PFTA)	35.2	1.83	"	36.6	ND	96.2	70-130				
N-MeFOSAA	46.1	1.83	"	36.6	ND	126	70-130				
N-EtFOSAA	58.3	1.83	"	36.6	ND	159	70-130	High Bias			
Surrogate: d5-N-EtFOSAA	*198*		*"*	*147*		*135*	*70-130*				
Surrogate: MPFDA	*38.4*		*"*	*36.6*		*105*	*70-130*				
Surrogate: MPFHxA	*37.0*		*"*	*36.6*		*101*	*70-130*				
Surrogate: M3HFPO-DA	*35.9*		*"*	*36.6*		*97.9*	*70-130*				

Metals by ICP - 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 BG41099 - EPA 200.7											
Blank (BG41099-BLK1)								Prepared & Analyzed: 07/17/2024			
Hardness, Calcium (as CaCO3)	ND	1.11	mg/L								
Iron	ND	0.278	"								
Sodium	ND	0.556	"								
LCS (BG41099-BS1)								Prepared & Analyzed: 07/17/2024			
Iron	0.979		ug/mL	1.00		97.9	85-115				
Sodium	1.68		"	1.00		168	85-115	High Bias			
Duplicate (BG41099-DUP1)	*Source sample: 24G0908-03 (GAC EFFLUENT)							Prepared & Analyzed: 07/17/2024			
Hardness, Calcium (as CaCO3)	ND	1.11	mg/L		65.2					200	
Iron	ND	0.278	"		ND					20	
Sodium	56.0	0.556	"		56.2				0.328	20	
Matrix Spike (BG41099-MS1)	*Source sample: 24G0908-03 (GAC EFFLUENT)							Prepared & Analyzed: 07/17/2024			
Iron	1.15	0.278	mg/L	1.11	ND	103	75-125				
Sodium	57.8	0.556	"	1.11	56.2	147	75-125	High Bias			
Matrix Spike (BG41099-MS2)	*Source sample: 24G0570-02 (Matrix Spike)							Prepared & Analyzed: 07/17/2024			
Iron	1.18	0.278	mg/L	1.11	ND	107	75-125				
Sodium	7.80	0.556	"	1.11	5.45	211	75-125	High Bias			
Post Spike (BG41099-PS1)	*Source sample: 24G0908-03 (GAC EFFLUENT)							Prepared & Analyzed: 07/17/2024			
Iron	0.978		ug/mL	1.00	-0.0459	97.8	75-125				
Sodium	52.0		"	1.00	50.6	143	75-125	High Bias			

Metals by ICP/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 BG41102 - EPA 200.8											
Blank (BG41102-BLK2)											Prepared: 07/17/2024 Analyzed: 07/19/2024
Aluminum	ND	10.0	ug/L								
Antimony	ND	1.00	"								
Arsenic	ND	1.00	"								
Barium	ND	1.00	"								
Beryllium	ND	0.300	"								
Cadmium	ND	0.500	"								
Chromium	ND	1.00	"								
Cobalt	ND	1.00	"								
Copper	ND	1.00	"								
Lead	ND	1.00	"								
Manganese	ND	1.00	"								
Nickel	ND	1.00	"								
Selenium	ND	1.00	"								
Silver	ND	1.00	"								
Thallium	ND	1.00	"								
Vanadium	ND	1.00	"								
Zinc	ND	1.00	"								
LCS (BG41102-BS2)											Prepared: 07/17/2024 Analyzed: 07/19/2024
Aluminum	2480		ug/L	2500		99.2	80-120				
Antimony	58.0		"	50.0		116	80-120				
Arsenic	69.0		"	50.0		138	80-120	High Bias			
Barium	86.0		"	50.0		172	80-120	High Bias			
Beryllium	57.5		"	50.0		115	80-120				
Cadmium	67.1		"	50.0		134	80-120	High Bias			
Chromium	46.4		"	50.0		92.9	80-120				
Cobalt	45.5		"	50.0		91.1	80-120				
Copper	49.3		"	50.0		98.6	80-120				
Lead	35.8		"	50.0		71.6	80-120	Low Bias			
Manganese	46.2		"	50.0		92.3	80-120				
Nickel	48.1		"	50.0		96.1	80-120				
Selenium	82.9		"	50.0		166	80-120	High Bias			
Silver	54.5		"	50.0		109	80-120				
Thallium	38.2		"	50.0		76.4	80-120	Low Bias			
Vanadium	47.6		"	50.0		95.2	80-120				
Zinc	67.1		"	50.0		134	80-120	High Bias			

Metals by ICP/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 BG41102 - EPA 200.8											
Duplicate (BG41102-DUP1)	*Source sample: 24G0643-01RE1 (Duplicate)								Prepared: 07/17/2024 Analyzed: 07/19/2024		
Aluminum	16.4	10.0	ug/L		14.7				11.1	20	
Antimony	0.632	1.00	"		0.552				13.4	20	
Arsenic	0.394	1.00	"		0.409				3.65	20	
Barium	41.3	1.00	"		37.6				9.48	20	
Beryllium	ND	0.300	"		ND					20	
Cadmium	0.185	0.500	"		0.178				3.94	20	
Chromium	ND	1.00	"		ND					20	
Cobalt	ND	1.00	"		ND					20	
Copper	27.9	1.00	"		25.7				8.35	20	
Lead	0.088	1.00	"		ND					20	
Manganese	15.3	1.00	"		14.4				6.45	20	
Nickel	1.10	1.00	"		0.998				9.54	20	
Selenium	0.581	1.00	"		0.515				11.9	20	
Silver	ND	1.00	"		ND					20	
Thallium	ND	1.00	"		ND					20	
Vanadium	ND	1.00	"		ND					20	
Zinc	33.2	1.00	"		37.0				10.9	20	
Matrix Spike (BG41102-MS1)	*Source sample: 24G0643-01RE1 (Matrix Spike)								Prepared: 07/17/2024 Analyzed: 07/19/2024		
Antimony	63.9		ug/L	50.0	0.552	127	75-125	High Bias			
Arsenic	76.0		"	50.0	0.409	151	75-125	High Bias			
Barium	99.2		"	50.0	37.6	123	75-125				
Beryllium	44.3		"	50.0	0.022	88.5	75-125				
Cadmium	64.4		"	50.0	0.178	129	75-125	High Bias			
Chromium	46.9		"	50.0	-0.209	93.8	75-125				
Cobalt	45.0		"	50.0	-0.117	90.1	75-125				
Copper	70.7		"	50.0	25.7	90.1	75-125				
Lead	48.4		"	50.0	-0.021	96.7	75-125				
Manganese	60.6		"	50.0	14.4	92.4	75-125				
Nickel	46.0		"	50.0	0.998	90.0	75-125				
Selenium	82.2		"	50.0	0.515	163	75-125	High Bias			
Silver	51.1		"	50.0	0.018	102	75-125				
Thallium	45.5		"	50.0	-0.263	91.0	75-125				
Vanadium	51.6		"	50.0	-0.114	103	75-125				
Zinc	89.8		"	50.0	37.0	106	75-125				

Mercury by EPA 7000/200 Series Methods - 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 BG41278 - EPA 245.1 Mercury											
Blank (BG41278-BLK1)									Prepared & Analyzed: 07/19/2024		
Mercury	ND	0.0002000	mg/L								
Blank (BG41278-BLK2)									Prepared & Analyzed: 07/19/2024		
Mercury	ND	0.0002000	mg/L								
LCS (BG41278-BS1)									Prepared & Analyzed: 07/19/2024		
Mercury	0.001971	0.0002000	mg/L	0.00200		98.5	75-125				
LCS (BG41278-BS2)									Prepared & Analyzed: 07/19/2024		
Mercury	0.001942	0.0002000	mg/L	0.00200		97.1	75-125				

Sample and Data Qualifiers Relating to This Work Order

PFSL	The recovery for this PFAS surrogate was below control limits
PFSH	The recovery for this PFAS surrogate was above control limits
PFLH	The recovery for this PFAS compound was above control limits
M-CCV1	The recovery for this element in the Continuing Calibration Verification (CCV) was outside the 90-110% recovery criteria.
M-BS	The recovery for this element in the batch blank spike recovered slightly outside of 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.

YORK ANALYTICAL LABORATORIES INC

Field Chain-of-Custody Record

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

YORK Project No. 24G0908

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:	
Company: Hampton Bays Water District	Company	Company	YOUR Project Number
Address: 18B Ponquogue Ave Hampton Bays, NY 11946	Address	Address	YOUR Project Name
Phone: 631-728-0179	Phone	Phone	
Contact: Keith Tuthill Jr	Contact	Contact	
E-mail: ktuthilljr@southamptontownny.gov	E-mail	E-mail	YOUR PO#:

Turn-Around Time
- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- 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	7/15/2024: 8:15AM	533, 533 FB, 537.1, 537.1 FB, METALS		
GAC EFFLUENT	GW	7/15/2024: 8:45AM	533, 533 FB, 537.1, 537.1 FB, METALS		

Comments:

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

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

Special Instruction
- Field Filtered
- Lab to Filter

1. Samples Relinquished by / Company: Keith Tuthill — Date/Time: 7/15/24 / 9:32AM	1. Samples Received by / Company — Date/Time: 7-15-24 1230PM	2. Samples Relinquished by / Company — Date/Time: 7/15/24 1630
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: 7/15/24 1630 — Temperature: 5.2 Degrees C