

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

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ClientServices@yorklab.com

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.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
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.

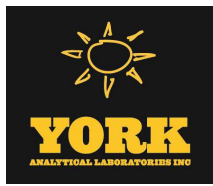
Approved By:



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

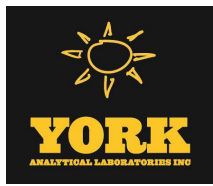
PFAS, EPA 533 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 533

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

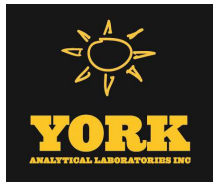
PFAS, EPA 537.1 UCMR5 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 537.1 SPE DVB

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level		Units	Reported to LOQ	Reference Method	Date/Time Prep/Anal.	Analyst
				MCL						
72629-94-8	Perfluorotridecanoic acid (PFTTrDA)	ND		-		ng/L	1.85	EPA 537.1	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	



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Client Sample ID: GAC INFLUENT

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York Project (SDG) No.

Client Project ID

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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		Units	Reported to LOQ	Reference Method	Date/Time Prep/Anal.	Analyst
				MCL	Acceptance Range					
	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		Units	Reported to LOQ	Reference Method	Date/Time Prep/Anal.	Analyst
				MCL						
	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		Units	Reported to LOQ	Reference Method	Date/Time Prep/Anal.	Analyst
				MCL						
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		Units	Reported to LOQ	Reference Method	Date/Time Prep/Anal.	Analyst
				MCL						
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	

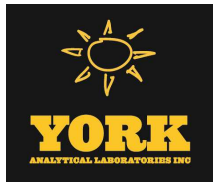
Metals, TAL, ICPMS by 200.8

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 200.8

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

<u>York Project (SDG) No.</u> 24G0908	<u>Client Project ID</u> GAC INFLUENT/GAC EFFLUENT 7/15/24	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> July 15, 2024 8:15 am	<u>Date Received</u> 07/15/2024
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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		Units	Reported to LOQ	Reference Method	Date/Time Prep/Anal.	Analyst
				MCL						
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

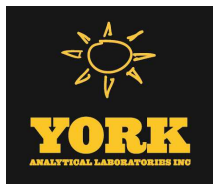
CAS No.	Parameter	Result	Flag	Maximum Contaminant Level		Units	Reported to LOQ	Reference Method	Date/Time Prep/Anal.	Analyst
				MCL						
7439-97-6	Mercury	ND		-		mg/L	0.0002000	EPA 245.1	07/19/2024 09:10	PFA
							Certifications:	CTDOH-PH-0723,NELAC-	07/19/2024 09:10	

Sample Information

Client Sample ID: GAC INFLUENT FB

York Sample ID: 24G0908-02

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

Client Sample ID: GAC INFLUENT FB

York Sample ID: 24G0908-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

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24G0908

GAC INFLUENT/GAC EFFLUENT 7/15/24

Drinking Water

July 15, 2024 8:15 am

07/15/2024

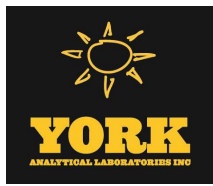
PFAS, EPA 533 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 533

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

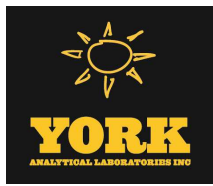
PFAS, EPA 537.1 UCMR5 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 537.1 SPE DVB

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level		Units	Reported to LOQ	Reference Method	Date/Time Prep/Anal.	Analyst
				MCL						
72629-94-8	Perfluorotridecanoic acid (PFTTrDA)	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

<u>York Project (SDG) No.</u> 24G0908	<u>Client Project ID</u> GAC INFLUENT/GAC EFFLUENT 7/15/24	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> July 15, 2024 8:15 am	<u>Date Received</u> 07/15/2024
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PFAS, EPA 537.1 UCMR5 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 537.1 SPE DVB

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level		Reported to LOQ	Reference Method	Date/Time Prep/Anal.	Analyst
				MCL	Units				
	Surrogate: M3HFPO-DA	107 %		70-130					

Sample Information

Client Sample ID: GAC EFFLUENT

York Sample ID: 24G0908-03

<u>York Project (SDG) No.</u> 24G0908	<u>Client Project ID</u> GAC INFLUENT/GAC EFFLUENT 7/15/24	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> July 15, 2024 8:45 am	<u>Date Received</u> 07/15/2024
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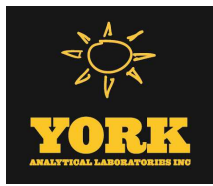
PFAS, EPA 533 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 533

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level		Reported to LOQ	Reference Method	Date/Time Prep/Anal.	Analyst
				MCL	Units				
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		Units	Reported to LOQ	Reference Method	Date/Time Prep/Anal.	Analyst
				MCL						
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 (PFEEESA)	ND		-		ng/L	0.933	EPA 533	07/17/2024 11:07	JTG
							Certifications:	NELAC-NY12058	07/18/2024 17:54	

Surrogate Recoveries

Result

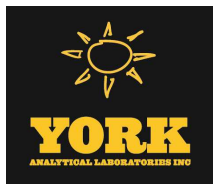
Acceptance Range

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

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

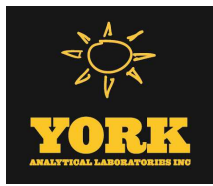
Metals, TAL, ICPMS by 200.8

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		Units	Reported to LOQ	Reference Method	Date/Time Prep/Anal.	Analyst
				MCL						
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	

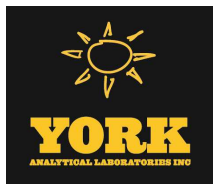
Mercury by EPA 245.1

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 245.1 Mercury

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

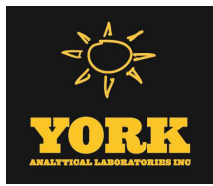
PFAS, EPA 533 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 533

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level		Units	Reported to LOQ	Reference Method	Date/Time Prep/Anal.	Analyst
				MCL						
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		Units	Reported to LOQ	Reference Method	Date/Time Prep/Anal.	Analyst
				MCL						
863090-89-5	Perfluoro-5-oxaheptanoic 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 (PFEEA)	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

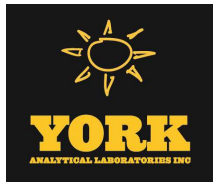
CAS No.	Parameter	Result	Flag	Maximum Contaminant Level		Units	Reported to LOQ	Reference Method	Date/Time Prep/Anal.	Analyst
				MCL						
72629-94-8	Perfluorotridecanoic acid (PFTTrDA)	ND		-		ng/L	1.81	EPA 537.1	07/21/2024 09:40	KFH
							Certifications: NELAC-NY12058		07/22/2024 13:07	
376-06-7	Perfluorotetradecanoic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

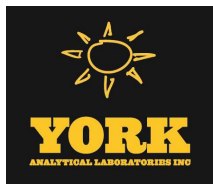
PFAS, EPA 537.1 UCMR5 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 537.1 SPE DVB

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

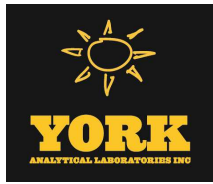
YORK Sample ID	Client Sample ID	Preparation Date
24G0908-01	GAC INFLUENT	07/17/24
24G0908-03	GAC EFFLUENT	07/17/24
BG41102-BLK2	Blank	07/17/24
BG41102-BS2	LCS	07/17/24
BG41102-DUP1	Duplicate	07/17/24
BG41102-MS1	Matrix Spike	07/17/24

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

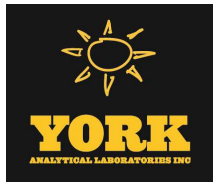


Batch ID: BG41326

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

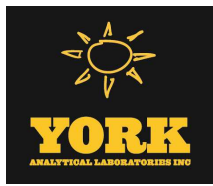
Analyte	Result	Reporting	Units	Spike Level	Source*	%REC	Flag	RPD	RPD	
		Limit			Result	Limits			Limit	Flag

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 (PFEEESA)	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

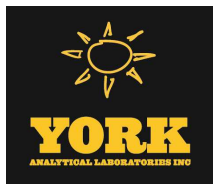
Analyte	Result	Reporting	Units	Spike Level	Source*	%REC	Limits	Flag	RPD	Limit	Flag
		Limit			Result	%REC			RPD		

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-dioxahexanoic acid (NFDHA)	ND	0.893	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND	0.893	"								
<i>Surrogate: MPFDoA</i>	<i>12.0</i>		<i>"</i>	<i>17.9</i>		<i>67.4</i>	<i>50-200</i>				
<i>Surrogate: MPFBA</i>	<i>14.5</i>		<i>"</i>	<i>17.9</i>		<i>81.0</i>	<i>50-200</i>				
<i>Surrogate: M9PFNA</i>	<i>13.7</i>		<i>"</i>	<i>17.9</i>		<i>76.7</i>	<i>50-200</i>				
<i>Surrogate: M8PFOS</i>	<i>14.7</i>		<i>"</i>	<i>17.1</i>		<i>85.8</i>	<i>50-200</i>				
<i>Surrogate: M8PFOA</i>	<i>14.2</i>		<i>"</i>	<i>17.9</i>		<i>79.2</i>	<i>50-200</i>				
<i>Surrogate: M7PFUdA</i>	<i>13.0</i>		<i>"</i>	<i>17.9</i>		<i>72.7</i>	<i>50-200</i>				
<i>Surrogate: M6PFDA</i>	<i>13.2</i>		<i>"</i>	<i>17.9</i>		<i>73.9</i>	<i>50-200</i>				
<i>Surrogate: M5PFPeA</i>	<i>15.1</i>		<i>"</i>	<i>17.9</i>		<i>84.8</i>	<i>50-200</i>				
<i>Surrogate: M5PFHxA</i>	<i>12.5</i>		<i>"</i>	<i>17.9</i>		<i>69.9</i>	<i>50-200</i>				
<i>Surrogate: M4PFHpA</i>	<i>13.8</i>		<i>"</i>	<i>17.9</i>		<i>77.5</i>	<i>50-200</i>				
<i>Surrogate: M3PFHxS</i>	<i>13.1</i>		<i>"</i>	<i>16.9</i>		<i>77.1</i>	<i>50-200</i>				
<i>Surrogate: M3PFBS</i>	<i>13.3</i>		<i>"</i>	<i>16.6</i>		<i>79.8</i>	<i>50-200</i>				
<i>Surrogate: M3HFPO-DA</i>	<i>10.6</i>		<i>"</i>	<i>17.9</i>		<i>59.6</i>	<i>50-200</i>				
<i>Surrogate: M2-8:2 FTS</i>	<i>91.8</i>		<i>"</i>	<i>68.6</i>		<i>134</i>	<i>50-200</i>				
<i>Surrogate: M2-6:2 FTS</i>	<i>53.4</i>		<i>"</i>	<i>67.9</i>		<i>78.7</i>	<i>50-200</i>				
<i>Surrogate: M2-4:2 FTS</i>	<i>48.1</i>		<i>"</i>	<i>67.2</i>		<i>71.6</i>	<i>50-200</i>				



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

York Analytical Laboratories, Inc. - Stratford

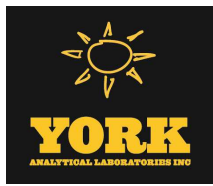
Analyte	Result	Reporting		Spike Level	Source*		%REC Limits	Flag	RPD	
		Limit	Units		Result	%REC			RPD	Limit

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-dioxahexanoic acid (NFDHA)	19.9	0.883	"	17.7		113	70-130			
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	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			



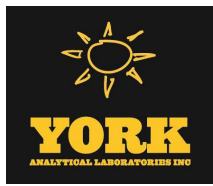
PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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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-dioxahexanoic acid (NFDHA)	ND	0.941	"		ND		30
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	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	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	Flag
		Limit			Result					Limit	

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-dioxahexanoic acid (NFDHA)	40.8	0.928	"	37.1	ND	110	70-130	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	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	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	Flag
		Limit			Result					RPD	

Batch BG41326 - EPA 537.1 SPE DVB

Blank (BG41326-BLK1)

Prepared: 07/21/2024 Analyzed: 07/22/2024

Perfluorotridecanoic acid (PFTTrDA)	ND	4.00	ng/L								
Perfluorotetradecanoic acid (PFTA)	ND	4.00	"								
N-MeFOSAA	ND	4.00	"								
N-EtFOSAA	ND	4.00	"								
<i>Surrogate: d5-N-EtFOSAA</i>	384		"	320		120		70-130			
<i>Surrogate: MPFDA</i>	90.8		"	80.0		114		70-130			
<i>Surrogate: MPFHxA</i>	91.1		"	80.0		114		70-130			
<i>Surrogate: M3HFPO-DA</i>	81.8		"	80.0		102		70-130			

Blank (BG41326-BLK2)

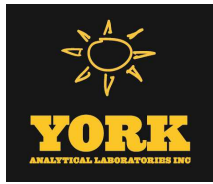
Prepared: 07/21/2024 Analyzed: 07/22/2024

Perfluorotridecanoic acid (PFTTrDA)	ND	1.85	ng/L								
Perfluorotetradecanoic acid (PFTA)	ND	1.85	"								
N-MeFOSAA	ND	1.85	"								
N-EtFOSAA	ND	1.85	"								
<i>Surrogate: d5-N-EtFOSAA</i>	194		"	148		132		70-130			
<i>Surrogate: MPFDA</i>	40.6		"	36.9		110		70-130			
<i>Surrogate: MPFHxA</i>	43.1		"	36.9		117		70-130			
<i>Surrogate: M3HFPO-DA</i>	38.3		"	36.9		104		70-130			

LCS (BG41326-BS1)

Prepared: 07/21/2024 Analyzed: 07/22/2024

Perfluorotridecanoic acid (PFTTrDA)	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			
<i>Surrogate: d5-N-EtFOSAA</i>	366		"	320		114		70-130			
<i>Surrogate: MPFDA</i>	82.6		"	80.0		103		70-130			
<i>Surrogate: MPFHxA</i>	87.1		"	80.0		109		70-130			
<i>Surrogate: M3HFPO-DA</i>	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		Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD	
		Limit	Units							Limit	Flag

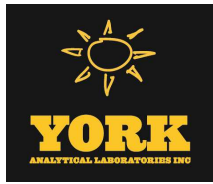
Batch BG41326 - EPA 537.1 SPE DVB

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
<i>Surrogate: d5-N-EtFOSAA</i>	<i>214</i>		<i>"</i>	<i>152</i>		<i>141</i>	<i>70-130</i>				
<i>Surrogate: MPFDA</i>	<i>37.3</i>		<i>"</i>	<i>37.9</i>		<i>98.6</i>	<i>70-130</i>				
<i>Surrogate: MPFHxA</i>	<i>36.4</i>		<i>"</i>	<i>37.9</i>		<i>96.2</i>	<i>70-130</i>				
<i>Surrogate: M3HFPO-DA</i>	<i>37.2</i>		<i>"</i>	<i>37.9</i>		<i>98.2</i>	<i>70-130</i>				

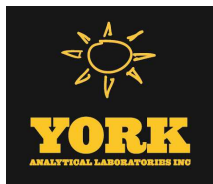
Matrix Spike (BG41326-MS1) *Source sample: 24G0923-02 (Matrix Spike) Prepared: 07/21/2024 Analyzed: 07/22/2024

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			
<i>Surrogate: d5-N-EtFOSAA</i>	<i>198</i>		<i>"</i>	<i>147</i>		<i>135</i>	<i>70-130</i>				
<i>Surrogate: MPFDA</i>	<i>38.4</i>		<i>"</i>	<i>36.6</i>		<i>105</i>	<i>70-130</i>				
<i>Surrogate: MPFHxA</i>	<i>37.0</i>		<i>"</i>	<i>36.6</i>		<i>101</i>	<i>70-130</i>				
<i>Surrogate: M3HFPO-DA</i>	<i>35.9</i>		<i>"</i>	<i>36.6</i>		<i>97.9</i>	<i>70-130</i>				



Metals by ICP - Quality Control Data
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting	Units	Spike Level	Source*	%REC	%REC Limits	Flag	RPD	RPD	Flag
		Limit			Result					Limit	
Batch 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)										Prepared & Analyzed: 07/17/2024	
*Source sample: 24G0908-03 (GAC EFFLUENT)											
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)										Prepared & Analyzed: 07/17/2024	
*Source sample: 24G0908-03 (GAC EFFLUENT)											
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)										Prepared & Analyzed: 07/17/2024	
*Source sample: 24G0570-02 (Matrix Spike)											
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)										Prepared & Analyzed: 07/17/2024	
*Source sample: 24G0908-03 (GAC EFFLUENT)											
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	Units	Spike	Source*	%REC	Limits	Flag	RPD	RPD	Limit	Flag
		Limit		Level	Result	%REC				Limit		

Batch BG41102 - EPA 200.8

Blank (BG41102-BLK2)

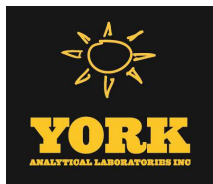
Prepared: 07/17/2024 Analyzed: 07/19/2024

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



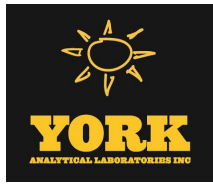
Metals by ICP/MS - Quality Control Data
York Analytical Laboratories, Inc. - Stratford

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

Batch BG41102 - EPA 200.8

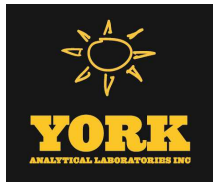
Duplicate (BG41102-DUP1)	*Source sample: 24G0643-01RE1 (Duplicate)						Prepared: 07/17/2024 Analyzed: 07/19/2024		
Aluminum	16.4	10.0	ug/L		14.7			11.1	20
Antimony	0.632	1.00	"		0.552			13.4	20
Arsenic	0.394	1.00	"		0.409			3.65	20
Barium	41.3	1.00	"		37.6			9.48	20
Beryllium	ND	0.300	"		ND				20
Cadmium	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

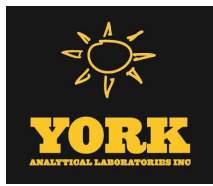
Matrix Spike (BG41102-MS1)	*Source sample: 24G0643-01RE1 (Matrix Spike)						Prepared: 07/17/2024 Analyzed: 07/19/2024		
Antimony	63.9		ug/L	50.0	0.552	127	75-125	High Bias	
Arsenic	76.0		"	50.0	0.409	151	75-125	High Bias	
Barium	99.2		"	50.0	37.6	123	75-125		
Beryllium	44.3		"	50.0	0.022	88.5	75-125		
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)											
Mercury	ND	0.0002000	mg/L								Prepared & Analyzed: 07/19/2024
Blank (BG41278-BLK2)											
Mercury	ND	0.0002000	mg/L								Prepared & Analyzed: 07/19/2024
LCS (BG41278-BS1)											
Mercury	0.001971	0.0002000	mg/L	0.00200		98.5	75-125				Prepared & Analyzed: 07/19/2024
LCS (BG41278-BS2)											
Mercury	0.001942	0.0002000	mg/L	0.00200		97.1	75-125				Prepared & Analyzed: 07/19/2024



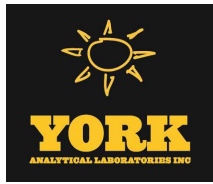


Sample and Data Qualifiers Relating to This Work Order

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.





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. 2460908		Page _____ of _____	
YOUR Information 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		YOUR Project Number YOUR Project Name YOUR PO#:	
Report To: Company: _____ Address: _____ Phone: _____ Email: _____		Invoice To: Company: _____ Address: _____ Phone: _____ Email: _____	
Matrix Codes S - soil / solid GW - groundwater DW - drinking water WW - wastewater O - Oil / Other: _____		Report / EDD Type (circle selections) Summary Report <input type="checkbox"/> CT RCP <input type="checkbox"/> EQUIS (Standard) QA Report <input type="checkbox"/> CT RCP DQADUE NYSDEC EQUIS CMDP <input type="checkbox"/> NJDEP Reduced <input type="checkbox"/> NJDKQP Standard Excel EDD <input type="checkbox"/> Deliverables <input type="checkbox"/> NJDEP SRP HazSite NY ASP B Package <input type="checkbox"/> Other: _____	
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		YORK Reg. Comp. Compared to the following Regulation(s): (please fill in)	
Sample Identification Samples Collected by: (print AND sign your name) GAC INFLUENT GAC EFFLUENT		Analyses Requested 533, 533 FB, 537.1, 537.1 FB, METALS 533, 533 FB, 537.1, 537.1 FB, METALS	
Matrix Matrix GW GW		Container Type No.	
Sample Matrix GW GW		Special Instruction Field Filled Lab to Filter	
Comments:		Preservation: (check all that apply) HCl _____ MeOH _____ HNO3 _____ H2SO4 _____ NaOH _____ ZnAc _____ Ascorbic Acid _____ Other: _____	
Samples rec'd/called at time of lab pickup? circle Yes or No		1. Samples Requested by: _____ 2. Samples Filled by: _____ 3. Samples Received by: _____ 4. Samples Received in LAB by: _____	
Date/Time: 7/15/24 9:30AM Date/Time: 7/15/24 12:30PM Date/Time: 7/15/24 16:30		Date/Time: 7/15/24 16:30 Temperature: 5.8	