Technical Report
for
Emerging Contaminants

prepared for:

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

Report Date: 12/08/2025
Client Project ID: GAC VESSEL Resample 11/12/25
York Project (SDG) No.: 25K0638

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: 12/08/2025
Client Project ID: GAC VESSEL Resample 11/12/25
York Project (SDG) No.: 25K0638

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 November 12, 2025 and listed below. The project was identified as your project: **GAC VESSEL Resample 11/12/25**.

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.

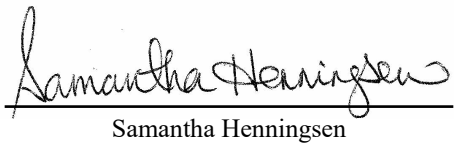
All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

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
25K0638-01	GAC VESSEL A 25%	Drinking Water	11/12/2025	11/12/2025
25K0638-02	GAC VESSEL A 50%	Drinking Water	11/12/2025	11/12/2025
25K0638-03	GAC VESSEL A 75%	Drinking Water	11/12/2025	11/12/2025
25K0638-04	GAC VESSEL B 25%	Drinking Water	11/12/2025	11/12/2025
25K0638-05	GAC VESSEL B 50%	Drinking Water	11/12/2025	11/12/2025
25K0638-06	GAC VESSEL B 75%	Drinking Water	11/12/2025	11/12/2025
25K0638-07	GAC FIELD BLANK	Drinking Water	11/12/2025	11/12/2025

General Notes for York Project (SDG) No.: 25K0638

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: 

Samantha Henningsen
Laboratory Director - Queens

Date: 12/08/2025

Sample Information

Client Sample ID: GAC VESSEL A 25%

York Sample ID: 25K0638-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0638	GAC VESSEL Resample 11/12/25	Drinking Water	November 12, 2025 7:30 am	11/12/2025

Q_P_PFAS, EPA 533 Hazard Index

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 533

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level MCL	Units	LOQ	Reference Method	Date/Time Prep/Anal.	Analyst
	*** Hazard Index**	**2.14**		1	Unitless (HI)	0.102	EPA 533	11/26/2025 16:05	KFH
					Certifications:			12/01/2025 16:50	

Q_P_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	2.04	EPA 533	11/26/2025 16:05	KFH
					Certifications:		NYSDOH-NY12058,CTDP	12/01/2025 16:50	
756426-58-1	9CL-PF3ONS	ND		-	ng/L	2.04	EPA 533	11/26/2025 16:05	KFH
					Certifications:		NYSDOH-NY12058,CTDP	12/01/2025 16:50	
763051-92-9	11CL-PF3OUdS	ND		-	ng/L	2.04	EPA 533	11/26/2025 16:05	KFH
					Certifications:		NYSDOH-NY12058,CTDP	12/01/2025 16:50	
13252-13-6	HFPO-DA (Gen-X)	ND		10	ng/L	2.04	EPA 533	11/26/2025 16:05	KFH
					Certifications:		NYSDOH-NY12058,CTDP	12/01/2025 16:50	
375-73-5	**Perfluorobutanesulfonic acid (PFBS)**	**2.50**		-	ng/L	2.04	EPA 533	11/26/2025 16:05	KFH
					Certifications:		NYSDOH-NY12058,CTDPH-PH-0837,NJ	12/01/2025 16:50	
335-76-2	Perfluorodecanoic acid (PFDA)	ND		-	ng/L	2.04	EPA 533	11/26/2025 16:05	KFH
					Certifications:		NYSDOH-NY12058,CTDP	12/01/2025 16:50	
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		-	ng/L	2.04	EPA 533	11/26/2025 16:05	KFH
					Certifications:		NYSDOH-NY12058,CTDP	12/01/2025 16:50	
375-85-9	**Perfluoroheptanoic acid (PFHpA)**	**3.19**		-	ng/L	2.04	EPA 533	11/26/2025 16:05	KFH
					Certifications:		NYSDOH-NY12058,CTDPH-PH-0837,NJ	12/01/2025 16:50	
355-46-4	**Perfluorohexanesulfonic acid (PFHxS)**	**11.7**		10	ng/L	2.04	EPA 533	11/26/2025 16:05	KFH
					Certifications:		NYSDOH-NY12058,CTDPH-PH-0837,NJ	12/01/2025 16:50	
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**7.45**		-	ng/L	2.04	EPA 533	11/26/2025 16:05	KFH
					Certifications:		NYSDOH-NY12058,CTDPH-PH-0837,NJ	12/01/2025 16:50	
375-95-1	**Perfluorononanoic acid (PFNA)**	**8.38**	**PF-LCS-H**	10	ng/L	2.04	EPA 533	11/26/2025 16:05	KFH
					Certifications:		NYSDOH-NY12058,CTDPH-PH-0837,NJ	12/01/2025 16:50	
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**35.2**		10	ng/L	2.04	EPA 533	11/26/2025 16:05	KFH
					Certifications:		NYSDOH-NY12058,CTDPH-PH-0837,NJ	12/01/2025 16:50	
335-67-1	**Perfluorooctanoic acid (PFOA)**	**7.74**		10	ng/L	2.04	EPA 533	11/26/2025 16:05	KFH
					Certifications:		NYSDOH-NY12058,CTDPH-PH-0837,NJ	12/01/2025 16:50	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		-	ng/L	2.04	EPA 533	11/26/2025 16:05	KFH
					Certifications:		NYSDOH-NY12058,CTDP	12/01/2025 16:50	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		-	ng/L	2.04	EPA 533	11/26/2025 16:05	KFH
					Certifications:		NYSDOH-NY12058,CTDP	12/01/2025 16:50	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		-	ng/L	2.04	EPA 533	11/26/2025 16:05	KFH
					Certifications:		NYSDOH-NY12058,CTDP	12/01/2025 16:50	
375-22-4	**Perfluoro-n-butanoic acid (PFBA)**	**4.50**		-	ng/L	2.04	EPA 533	11/26/2025 16:05	KFH
					Certifications:		NYSDOH-NY12058,CTDPH-PH-0837,NJ	12/01/2025 16:50	

Sample Information

Client Sample ID: GAC VESSEL A 25%

York Sample ID: 25K0638-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0638	GAC VESSEL Resample 11/12/25	Drinking Water	November 12, 2025 7:30 am	11/12/2025

Q_P_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
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		-	ng/L	2.04	EPA 533	11/26/2025 16:05	KFH
					Certifications:		NYSDOH-NY12058,CTDP	12/01/2025 16:50	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		-	ng/L	2.04	EPA 533	11/26/2025 16:05	KFH
					Certifications:		NYSDOH-NY12058,CTDP	12/01/2025 16:50	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		-	ng/L	2.04	EPA 533	11/26/2025 16:05	KFH
					Certifications:		NYSDOH-NY12058,CTDP	12/01/2025 16:50	
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	12.1		-	ng/L	2.04	EPA 533	11/26/2025 16:05	KFH
					Certifications:		NYSDOH-NY12058,CTDPH-PH-0837,NJ	12/01/2025 16:50	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		-	ng/L	2.04	EPA 533	11/26/2025 16:05	KFH
					Certifications:		NYSDOH-NY12058,CTDP	12/01/2025 16:50	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		-	ng/L	2.04	EPA 533	11/26/2025 16:05	KFH
					Certifications:		NYSDOH-NY12058,CTDP	12/01/2025 16:50	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		-	ng/L	2.04	EPA 533	11/26/2025 16:05	KFH
					Certifications:		NYSDOH-NY12058,CTDP	12/01/2025 16:50	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		-	ng/L	2.04	EPA 533	11/26/2025 16:05	KFH
					Certifications:		NYSDOH-NY12058,CTDP	12/01/2025 16:50	

	Surrogate Recoveries	Result		Acceptance Range
19719-28-9	*Surrogate: MPFDoA*	*68.5 %*		*50-200*
13C4PFBA	*Surrogate: MPFBA*	*63.0 %*		*50-200*
13C9PFNA	*Surrogate: M9PFNA*	*49.2 %*	PFSu-L	*50-200*
M8PFOS	*Surrogate: M8PFOS*	*111 %*		*50-200*
13C8PFOA	*Surrogate: M8PFOA*	*58.5 %*		*50-200*
13C7PFUNA	*Surrogate: M7PFUdA*	*56.8 %*		*50-200*
13C6PFDA	*Surrogate: M6PFDA*	*53.9 %*		*50-200*
13C5PFPEA	*Surrogate: M5PFPeA*	*63.9 %*		*50-200*
2328025-54-8	*Surrogate: M5PFHxA*	*62.0 %*		*50-200*
13C4PFHPA	*Surrogate: M4PFHpA*	*67.6 %*		*50-200*
13C3PFHXS	*Surrogate: M3PFHxS*	*115 %*		*50-200*
M3PFBS	*Surrogate: M3PFBS*	*120 %*		*50-200*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*73.0 %*		*50-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*116 %*		*50-200*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*249 %*	PFSu-H	*50-200*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*259 %*	PFSu-H	*50-200*

Q_P_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	2.09	EPA 537.1	11/13/2025 07:11	KFH
					Certifications:		CTDPH-PH-0837,NJDEP-N	11/20/2025 17:07	

Sample Information

Client Sample ID: GAC VESSEL A 25%

York Sample ID: 25K0638-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0638	GAC VESSEL Resample 11/12/25	Drinking Water	November 12, 2025 7:30 am	11/12/2025

Q_P_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
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		-	ng/L	2.09	EPA 537.1	11/13/2025 07:11	KFH
					Certifications:		CTDPH-PH-0837,NJDEP-N	11/20/2025 17:07	
2355-31-9	N-MeFOSAA	ND		-	ng/L	2.09	EPA 537.1	11/13/2025 07:11	KFH
					Certifications:		CTDPH-PH-0837,NJDEP-N	11/20/2025 17:07	
2991-50-6	N-EtFOSAA	ND		-	ng/L	2.09	EPA 537.1	11/13/2025 07:11	KFH
					Certifications:		CTDPH-PH-0837,NJDEP-N	11/20/2025 17:07	

	Surrogate Recoveries	Result	Acceptance Range
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*74.1 %*	*70-130*
MPFDA	*Surrogate: MPFDA*	*84.5 %*	*70-130*
307-24-4	*Surrogate: MPFHxA*	*77.6 %*	*70-130*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*71.0 %*	*70-130*

Sample Information

Client Sample ID: GAC VESSEL A 50%

York Sample ID: 25K0638-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0638	GAC VESSEL Resample 11/12/25	Drinking Water	November 12, 2025 7:45 am	11/12/2025

Q_P_PFAS, EPA 533 Hazard Index

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 533

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level MCL	Units	LOQ	Reference Method	Date/Time Prep/Anal.	Analyst
	* Hazard Index	ND		1	Unitless (HI)	0.100	EPA 533	11/14/2025 11:58	KFH
					Certifications:			11/16/2025 19:28	

Q_P_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	2.00	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 19:28	
756426-58-1	9CL-PF3ONS	ND		-	ng/L	2.00	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 19:28	
763051-92-9	11CL-PF3OUdS	ND		-	ng/L	2.00	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 19:28	
13252-13-6	HFPO-DA (Gen-X)	ND		10	ng/L	2.00	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 19:28	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		-	ng/L	2.00	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 19:28	
335-76-2	Perfluorodecanoic acid (PFDA)	ND		-	ng/L	2.00	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 19:28	

Sample Information

Client Sample ID: GAC VESSEL A 50%

York Sample ID: 25K0638-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0638	GAC VESSEL Resample 11/12/25	Drinking Water	November 12, 2025 7:45 am	11/12/2025

Q_P_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
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		-	ng/L	2.00	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 19:28	
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		-	ng/L	2.00	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 19:28	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		10	ng/L	2.00	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 19:28	
307-24-4	**Perfluorohexanoic acid (PFHxA)**	3.03		-	ng/L	2.00	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDPH-PH-0837,NJ	11/16/2025 19:28	
375-95-1	Perfluorononanoic acid (PFNA)	ND		10	ng/L	2.00	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 19:28	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		10	ng/L	2.00	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 19:28	
335-67-1	Perfluorooctanoic acid (PFOA)	ND		10	ng/L	2.00	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 19:28	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		-	ng/L	2.00	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 19:28	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		-	ng/L	2.00	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 19:28	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		-	ng/L	2.00	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 19:28	
375-22-4	**Perfluoro-n-butanoic acid (PFBA)**	3.77		-	ng/L	2.00	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDPH-PH-0837,NJ	11/16/2025 19:28	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		-	ng/L	2.00	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 19:28	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		-	ng/L	2.00	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 19:28	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		-	ng/L	2.00	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 19:28	
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	8.28		-	ng/L	2.00	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDPH-PH-0837,NJ	11/16/2025 19:28	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		-	ng/L	2.00	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 19:28	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		-	ng/L	2.00	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 19:28	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		-	ng/L	2.00	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 19:28	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		-	ng/L	2.00	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 19:28	

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: MPFDoA*	*90.8 %*	*50-200*
13C4PFBA	*Surrogate: MPFBA*	*55.3 %*	*50-200*
13C9PFNA	*Surrogate: M9PFNA*	*102 %*	*50-200*
M8PFOS	*Surrogate: M8PFOS*	*80.3 %*	*50-200*

Sample Information

Client Sample ID: GAC VESSEL A 50%

York Sample ID: 25K0638-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0638	GAC VESSEL Resample 11/12/25	Drinking Water	November 12, 2025 7:45 am	11/12/2025

Q_P_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
13C8PFOA	*Surrogate: M8PFOA*	*105 %*		*50-200*					
13C7PFUNA	*Surrogate: M7PFUdA*	*94.4 %*		*50-200*					
13C6PFDA	*Surrogate: M6PFDA*	*88.5 %*		*50-200*					
13C5PFPEA	*Surrogate: M5PFPeA*	*55.9 %*		*50-200*					
2328025-54-8	*Surrogate: M5PFHxA*	*77.4 %*		*50-200*					
13C4PFHPA	*Surrogate: M4PFHpA*	*82.3 %*		*50-200*					
13C3PFHXS	*Surrogate: M3PFHxS*	*80.3 %*		*50-200*					
M3PFBS	*Surrogate: M3PFBS*	*58.9 %*		*50-200*					
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*71.0 %*		*50-200*					
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*59.2 %*		*50-200*					
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*104 %*		*50-200*					
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*57.9 %*		*50-200*					

Q_P_PFAS, EPA 537.1 UCMR5 List

Log-in Notes:

Sample Notes: PFSL

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	11/13/2025 07:11	KFH
					Certifications:		CTDPH-PH-0837,NJDEP-N	11/20/2025 17:19	
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		-	ng/L	1.85	EPA 537.1	11/13/2025 07:11	KFH
					Certifications:		CTDPH-PH-0837,NJDEP-N	11/20/2025 17:19	
2355-31-9	N-MeFOSAA	ND		-	ng/L	1.85	EPA 537.1	11/13/2025 07:11	KFH
					Certifications:		CTDPH-PH-0837,NJDEP-N	11/20/2025 17:19	
2991-50-6	N-EtFOSAA	ND		-	ng/L	1.85	EPA 537.1	11/13/2025 07:11	KFH
					Certifications:		CTDPH-PH-0837,NJDEP-N	11/20/2025 17:19	

	Surrogate Recoveries	Result	Acceptance Range
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*76.7 %*	*70-130*
MPFDA	*Surrogate: MPFDA*	*76.6 %*	*70-130*
307-24-4	*Surrogate: MPFHxA*	*70.0 %*	*70-130*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*61.0 %*	*70-130*

Sample Information

Client Sample ID: GAC VESSEL A 75%

York Sample ID: 25K0638-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0638	GAC VESSEL Resample 11/12/25	Drinking Water	November 12, 2025 8:00 am	11/12/2025

Q_P_PFAS, EPA 533 Hazard Index

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: GAC VESSEL A 75%

York Sample ID: 25K0638-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0638	GAC VESSEL Resample 11/12/25	Drinking Water	November 12, 2025 8:00 am	11/12/2025

Sample Prepared by Method: EPA 533

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level MCL	Units	LOQ	Reference Method	Date/Time Prep/Anal.	Analyst
	* Hazard Index	ND		1	Unitless (HI)	0.0923	EPA 533	11/14/2025 11:58	KFH
					Certifications:			11/27/2025 04:11	

Q_P_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	1.85	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/27/2025 04:11	
756426-58-1	9CL-PF3ONS	ND		-	ng/L	1.85	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/27/2025 04:11	
763051-92-9	11CL-PF3OUdS	ND		-	ng/L	1.85	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/27/2025 04:11	
13252-13-6	HFPO-DA (Gen-X)	ND		10	ng/L	1.85	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/27/2025 04:11	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		-	ng/L	1.85	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/27/2025 04:11	
335-76-2	Perfluorodecanoic acid (PFDA)	ND		-	ng/L	1.85	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/27/2025 04:11	
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		-	ng/L	1.85	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/27/2025 04:11	
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		-	ng/L	1.85	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/27/2025 04:11	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		10	ng/L	1.85	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/27/2025 04:11	
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		-	ng/L	1.85	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/27/2025 04:11	
375-95-1	Perfluorononanoic acid (PFNA)	ND		10	ng/L	1.85	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/27/2025 04:11	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		10	ng/L	1.85	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/27/2025 04:11	
335-67-1	Perfluorooctanoic acid (PFOA)	ND		10	ng/L	1.85	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/27/2025 04:11	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		-	ng/L	1.85	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/27/2025 04:11	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		-	ng/L	1.85	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/27/2025 04:11	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		-	ng/L	1.85	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/27/2025 04:11	
375-22-4	**Perfluoro-n-butanoic acid (PFBA)**	3.71		-	ng/L	1.85	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDPH-PH-0837,NJ	11/27/2025 04:11	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		-	ng/L	1.85	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/27/2025 04:11	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		-	ng/L	1.85	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/27/2025 04:11	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		-	ng/L	1.85	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/27/2025 04:11	

Sample Information

Client Sample ID: GAC VESSEL A 75%

York Sample ID: 25K0638-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0638	GAC VESSEL Resample 11/12/25	Drinking Water	November 12, 2025 8:00 am	11/12/2025

Q_P_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)**	5.89		-	ng/L	1.85	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDPH-PH-0837,NJ	11/27/2025 04:11	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		-	ng/L	1.85	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/27/2025 04:11	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		-	ng/L	1.85	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/27/2025 04:11	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		-	ng/L	1.85	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/27/2025 04:11	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		-	ng/L	1.85	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/27/2025 04:11	

	Surrogate Recoveries	Result		Acceptance Range
19719-28-9	*Surrogate: MPFDoA*	*109 %*		*50-200*
13C4PFBA	*Surrogate: MPFBA*	*83.3 %*		*50-200*
13C9PFNA	*Surrogate: M9PFNA*	*102 %*		*50-200*
M8PFOS	*Surrogate: M8PFOS*	*122 %*		*50-200*
13C8PFOA	*Surrogate: M8PFOA*	*107 %*		*50-200*
13C7PFUNA	*Surrogate: M7PFUdA*	*115 %*		*50-200*
13C6PFDA	*Surrogate: M6PFDA*	*115 %*		*50-200*
13C5PFPEA	*Surrogate: M5PFPeA*	*90.8 %*		*50-200*
2328025-54-8	*Surrogate: M5PFHxA*	*95.7 %*		*50-200*
13C4PFHPA	*Surrogate: M4PFHpA*	*110 %*		*50-200*
13C3PFHXS	*Surrogate: M3PFHxS*	*109 %*		*50-200*
M3PFBS	*Surrogate: M3PFBS*	*101 %*		*50-200*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*82.0 %*		*50-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*115 %*		*50-200*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*240 %*	PFSu-H	*50-200*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*131 %*		*50-200*

Q_P_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	11/13/2025 07:11	KFH
					Certifications:		CTDPH-PH-0837,NJDEP-N	11/20/2025 17:32	
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		-	ng/L	1.83	EPA 537.1	11/13/2025 07:11	KFH
					Certifications:		CTDPH-PH-0837,NJDEP-N	11/20/2025 17:32	
2355-31-9	N-MeFOSAA	ND		-	ng/L	1.83	EPA 537.1	11/13/2025 07:11	KFH
					Certifications:		CTDPH-PH-0837,NJDEP-N	11/20/2025 17:32	
2991-50-6	N-EtFOSAA	ND		-	ng/L	1.83	EPA 537.1	11/13/2025 07:11	KFH
					Certifications:		CTDPH-PH-0837,NJDEP-N	11/20/2025 17:32	

Sample Information

Client Sample ID: GAC VESSEL A 75%

York Sample ID: 25K0638-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0638	GAC VESSEL Resample 11/12/25	Drinking Water	November 12, 2025 8:00 am	11/12/2025

Q_P_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**					
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*83.0 %*		*70-130*					
MPFDA	*Surrogate: MPFDA*	*81.6 %*		*70-130*					
307-24-4	*Surrogate: MPFHxA*	*81.9 %*		*70-130*					
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*73.0 %*		*70-130*					

Sample Information

Client Sample ID: GAC VESSEL B 25%

York Sample ID: 25K0638-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0638	GAC VESSEL Resample 11/12/25	Drinking Water	November 12, 2025 8:15 am	11/12/2025

Q_P_PFAS, EPA 533 Hazard Index

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 533

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level MCL	Units	LOQ	Reference Method	Date/Time Prep/Anal.	Analyst
	*** Hazard Index**	**0.305**		1	Unitless (HI)	0.0929	EPA 533	11/14/2025 11:58	KFH
					Certifications:			11/16/2025 20:07	

Q_P_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	1.86	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 20:07	
756426-58-1	9CL-PF3ONS	ND		-	ng/L	1.86	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 20:07	
763051-92-9	11CL-PF3OUdS	ND		-	ng/L	1.86	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 20:07	
13252-13-6	HFPO-DA (Gen-X)	ND		10	ng/L	1.86	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 20:07	
375-73-5	**Perfluorobutanesulfonic acid (PFBS)**	**2.31**		-	ng/L	1.86	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDPH-PH-0837,NJ	11/16/2025 20:07	
335-76-2	Perfluorodecanoic acid (PFDA)	ND		-	ng/L	1.86	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 20:07	
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		-	ng/L	1.86	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 20:07	
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		-	ng/L	1.86	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 20:07	

Sample Information

Client Sample ID: GAC VESSEL B 25%

York Sample ID: 25K0638-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0638	GAC VESSEL Resample 11/12/25	Drinking Water	November 12, 2025 8:15 am	11/12/2025

Q_P_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
355-46-4	**Perfluorohexanesulfonic acid (PFHxS)**	2.74		10	ng/L	1.86	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDPH-PH-0837,NJ	11/16/2025 20:07	
307-24-4	**Perfluorohexanoic acid (PFHxA)**	6.19		-	ng/L	1.86	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDPH-PH-0837,NJ	11/16/2025 20:07	
375-95-1	Perfluorononanoic acid (PFNA)	ND		10	ng/L	1.86	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 20:07	
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	4.28		10	ng/L	1.86	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDPH-PH-0837,NJ	11/16/2025 20:07	
335-67-1	Perfluorooctanoic acid (PFOA)	ND		10	ng/L	1.86	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 20:07	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		-	ng/L	1.86	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 20:07	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		-	ng/L	1.86	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 20:07	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		-	ng/L	1.86	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 20:07	
375-22-4	**Perfluoro-n-butanoic acid (PFBA)**	4.33		-	ng/L	1.86	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDPH-PH-0837,NJ	11/16/2025 20:07	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		-	ng/L	1.86	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 20:07	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		-	ng/L	1.86	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 20:07	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		-	ng/L	1.86	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 20:07	
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	12.9		-	ng/L	1.86	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDPH-PH-0837,NJ	11/16/2025 20:07	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		-	ng/L	1.86	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 20:07	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		-	ng/L	1.86	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 20:07	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		-	ng/L	1.86	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 20:07	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		-	ng/L	1.86	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 20:07	

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: MPFDoA*	*85.0 %*	*50-200*
13C4PFBA	*Surrogate: MPFBA*	*85.0 %*	*50-200*
13C9PFNA	*Surrogate: M9PFNA*	*102 %*	*50-200*
M8PFOS	*Surrogate: M8PFOS*	*78.3 %*	*50-200*
13C8PFOA	*Surrogate: M8PFOA*	*103 %*	*50-200*
13C7PFUNA	*Surrogate: M7PFUdA*	*87.1 %*	*50-200*

Sample Information

Client Sample ID: GAC VESSEL B 25%

York Sample ID: 25K0638-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0638	GAC VESSEL Resample 11/12/25	Drinking Water	November 12, 2025 8:15 am	11/12/2025

Q_P_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
13C6PFDA	*Surrogate: M6PFDA*	*85.6 %*		*50-200*					
13C5PFPEA	*Surrogate: M5PFPeA*	*78.7 %*		*50-200*					
2328025-54-8	*Surrogate: M5PFHxA*	*93.9 %*		*50-200*					
13C4PFHPA	*Surrogate: M4PFHpA*	*88.8 %*		*50-200*					
13C3PFHXS	*Surrogate: M3PFHxS*	*80.4 %*		*50-200*					
M3PFBS	*Surrogate: M3PFBS*	*77.8 %*		*50-200*					
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*82.1 %*		*50-200*					
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*53.3 %*		*50-200*					
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*151 %*		*50-200*					
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*69.1 %*		*50-200*					

Q_P_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	1.95	EPA 537.1	11/13/2025 07:11	KFH
					Certifications:		CTDPH-PH-0837,NJDEP-N	11/20/2025 17:45	
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		-	ng/L	1.95	EPA 537.1	11/13/2025 07:11	KFH
					Certifications:		CTDPH-PH-0837,NJDEP-N	11/20/2025 17:45	
2355-31-9	N-MeFOSAA	ND		-	ng/L	1.95	EPA 537.1	11/13/2025 07:11	KFH
					Certifications:		CTDPH-PH-0837,NJDEP-N	11/20/2025 17:45	
2991-50-6	N-EtFOSAA	ND		-	ng/L	1.95	EPA 537.1	11/13/2025 07:11	KFH
					Certifications:		CTDPH-PH-0837,NJDEP-N	11/20/2025 17:45	

	Surrogate Recoveries	Result	Acceptance Range
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*84.0 %*	*70-130*
MPFDA	*Surrogate: MPFDA*	*87.7 %*	*70-130*
307-24-4	*Surrogate: MPFHxA*	*86.7 %*	*70-130*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*79.1 %*	*70-130*

Sample Information

Client Sample ID: GAC VESSEL B 50%

York Sample ID: 25K0638-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0638	GAC VESSEL Resample 11/12/25	Drinking Water	November 12, 2025 8:30 am	11/12/2025

Q_P_PFAS, EPA 533 Hazard Index

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 533

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

Sample Information

Client Sample ID: GAC VESSEL B 50%

York Sample ID: 25K0638-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0638	GAC VESSEL Resample 11/12/25	Drinking Water	November 12, 2025 8:30 am	11/12/2025

Q_P_PFAS, EPA 533 Hazard Index

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 533

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level MCL	Units	LOQ	Reference Method	Date/Time Prep/Anal.	Analyst
	* Hazard Index	ND		1	Unitless (HI)	0.0954	EPA 533	11/14/2025 11:58	KFH
					Certifications:			11/16/2025 20:46	

Q_P_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	1.91	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 20:46	
756426-58-1	9CL-PF3ONS	ND		-	ng/L	1.91	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 20:46	
763051-92-9	11CL-PF3OUdS	ND		-	ng/L	1.91	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 20:46	
13252-13-6	HFPO-DA (Gen-X)	ND		10	ng/L	1.91	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 20:46	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		-	ng/L	1.91	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 20:46	
335-76-2	Perfluorodecanoic acid (PFDA)	ND		-	ng/L	1.91	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 20:46	
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		-	ng/L	1.91	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 20:46	
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		-	ng/L	1.91	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 20:46	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		10	ng/L	1.91	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 20:46	
307-24-4	**Perfluorohexanoic acid (PFHxA)**	3.26		-	ng/L	1.91	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDPH-PH-0837,NJ	11/16/2025 20:46	
375-95-1	Perfluorononanoic acid (PFNA)	ND		10	ng/L	1.91	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 20:46	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		10	ng/L	1.91	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 20:46	
335-67-1	Perfluorooctanoic acid (PFOA)	ND		10	ng/L	1.91	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 20:46	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		-	ng/L	1.91	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 20:46	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		-	ng/L	1.91	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 20:46	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		-	ng/L	1.91	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 20:46	
375-22-4	**Perfluoro-n-butanoic acid (PFBA)**	4.21		-	ng/L	1.91	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDPH-PH-0837,NJ	11/16/2025 20:46	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		-	ng/L	1.91	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 20:46	

Sample Information

Client Sample ID: GAC VESSEL B 50%

York Sample ID: 25K0638-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0638	GAC VESSEL Resample 11/12/25	Drinking Water	November 12, 2025 8:30 am	11/12/2025

Q_P_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
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		-	ng/L	1.91	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 20:46	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		-	ng/L	1.91	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 20:46	
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	9.13		-	ng/L	1.91	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDPH-PH-0837,NJ	11/16/2025 20:46	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		-	ng/L	1.91	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 20:46	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		-	ng/L	1.91	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 20:46	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		-	ng/L	1.91	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 20:46	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		-	ng/L	1.91	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 20:46	

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: MPFDoA*	*71.0 %*	*50-200*
13C4PFBA	*Surrogate: MPFBA*	*77.2 %*	*50-200*
13C9PFNA	*Surrogate: M9PFNA*	*85.6 %*	*50-200*
M8PFOS	*Surrogate: M8PFOS*	*80.5 %*	*50-200*
13C8PFOA	*Surrogate: M8PFOA*	*91.3 %*	*50-200*
13C7PFUNA	*Surrogate: M7PFUdA*	*74.6 %*	*50-200*
13C6PFDA	*Surrogate: M6PFDA*	*73.5 %*	*50-200*
13C5PFPEA	*Surrogate: M5PFPeA*	*71.2 %*	*50-200*
2328025-54-8	*Surrogate: M5PFHxA*	*85.8 %*	*50-200*
13C4PFHPA	*Surrogate: M4PFHpA*	*81.0 %*	*50-200*
13C3PFHXS	*Surrogate: M3PFHxS*	*84.8 %*	*50-200*
M3PFBS	*Surrogate: M3PFBS*	*85.0 %*	*50-200*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*78.6 %*	*50-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*58.2 %*	*50-200*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*115 %*	*50-200*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*73.4 %*	*50-200*

Q_P_PFAS, EPA 537.1 UCMR5 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 537.1 SPE DVB

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level MCL	Units	Reported to LOQ	Reference Method	Date/Time Prep/Anal.	Analyst
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		-	ng/L	1.87	EPA 537.1	11/13/2025 07:11	KFH
					Certifications:		CTDPH-PH-0837,NJDEP-N	11/20/2025 17:58	
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		-	ng/L	1.87	EPA 537.1	11/13/2025 07:11	KFH
					Certifications:		CTDPH-PH-0837,NJDEP-N	11/20/2025 17:58	

Sample Information

Client Sample ID: GAC VESSEL B 50%

York Sample ID: 25K0638-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0638	GAC VESSEL Resample 11/12/25	Drinking Water	November 12, 2025 8:30 am	11/12/2025

Q_P_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
2355-31-9	N-MeFOSAA	ND		-	ng/L	1.87	EPA 537.1	11/13/2025 07:11	KFH
					Certifications:		CTDPH-PH-0837,NJDEP-N	11/20/2025 17:58	
2991-50-6	N-EtFOSAA	ND		-	ng/L	1.87	EPA 537.1	11/13/2025 07:11	KFH
					Certifications:		CTDPH-PH-0837,NJDEP-N	11/20/2025 17:58	

	Surrogate Recoveries	Result	Acceptance Range
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*81.6 %*	*70-130*
MPFDA	*Surrogate: MPFDA*	*87.5 %*	*70-130*
307-24-4	*Surrogate: MPFHxA*	*89.4 %*	*70-130*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*83.0 %*	*70-130*

Sample Information

Client Sample ID: GAC VESSEL B 75%

York Sample ID: 25K0638-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0638	GAC VESSEL Resample 11/12/25	Drinking Water	November 12, 2025 9:00 am	11/12/2025

Q_P_PFAS, EPA 533 Hazard Index

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 533

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level MCL	Units	LOQ	Reference Method	Date/Time Prep/Anal.	Analyst
	* Hazard Index	ND		1	Unitless (HI)	0.0947	EPA 533	11/14/2025 11:58	KFH
					Certifications:			11/16/2025 20:59	

Q_P_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	1.89	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 20:59	
756426-58-1	9CL-PF3ONS	ND		-	ng/L	1.89	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 20:59	
763051-92-9	11CL-PF3OUdS	ND		-	ng/L	1.89	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 20:59	
13252-13-6	HFPO-DA (Gen-X)	ND		10	ng/L	1.89	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 20:59	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		-	ng/L	1.89	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 20:59	
335-76-2	Perfluorodecanoic acid (PFDA)	ND		-	ng/L	1.89	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 20:59	
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		-	ng/L	1.89	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 20:59	

Sample Information

Client Sample ID: GAC VESSEL B 75%

York Sample ID: 25K0638-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0638	GAC VESSEL Resample 11/12/25	Drinking Water	November 12, 2025 9:00 am	11/12/2025

Q_P_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
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		-	ng/L	1.89	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 20:59	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		10	ng/L	1.89	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 20:59	
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		-	ng/L	1.89	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 20:59	
375-95-1	Perfluorononanoic acid (PFNA)	ND		10	ng/L	1.89	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 20:59	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		10	ng/L	1.89	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 20:59	
335-67-1	Perfluorooctanoic acid (PFOA)	ND		10	ng/L	1.89	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 20:59	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		-	ng/L	1.89	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 20:59	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		-	ng/L	1.89	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 20:59	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		-	ng/L	1.89	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 20:59	
375-22-4	**Perfluoro-n-butanoic acid (PFBA)**	3.36		-	ng/L	1.89	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDPH-PH-0837,NJ	11/16/2025 20:59	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		-	ng/L	1.89	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 20:59	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		-	ng/L	1.89	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 20:59	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		-	ng/L	1.89	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 20:59	
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	5.35		-	ng/L	1.89	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDPH-PH-0837,NJ	11/16/2025 20:59	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		-	ng/L	1.89	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 20:59	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		-	ng/L	1.89	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 20:59	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		-	ng/L	1.89	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 20:59	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		-	ng/L	1.89	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 20:59	

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: MPFDoA*	*79.0 %*	*50-200*
13C4PFBA	*Surrogate: MPFBA*	*82.9 %*	*50-200*
13C9PFNA	*Surrogate: M9PFNA*	*96.0 %*	*50-200*
M8PFOS	*Surrogate: M8PFOS*	*76.8 %*	*50-200*
13C8PFOA	*Surrogate: M8PFOA*	*104 %*	*50-200*

Sample Information

Client Sample ID: GAC VESSEL B 75%

York Sample ID: 25K0638-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0638	GAC VESSEL Resample 11/12/25	Drinking Water	November 12, 2025 9:00 am	11/12/2025

Q_P_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
13C7PFUNA	*Surrogate: M7PFUdA*	*81.8 %*		*50-200*					
13C6PFDA	*Surrogate: M6PFDA*	*81.2 %*		*50-200*					
13C5PFPEA	*Surrogate: M5PFPeA*	*74.6 %*		*50-200*					
2328025-54-8	*Surrogate: M5PFHxA*	*95.9 %*		*50-200*					
13C4PFHPA	*Surrogate: M4PFHpA*	*85.2 %*		*50-200*					
13C3PFHXS	*Surrogate: M3PFHxS*	*77.6 %*		*50-200*					
M3PFBS	*Surrogate: M3PFBS*	*76.3 %*		*50-200*					
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*84.6 %*		*50-200*					
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*52.2 %*		*50-200*					
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*107 %*		*50-200*					
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*70.9 %*		*50-200*					

Q_P_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	1.90	EPA 537.1	11/13/2025 07:11	KFH
					Certifications:		CTDPH-PH-0837,NJDEP-N	11/20/2025 18:11	
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		-	ng/L	1.90	EPA 537.1	11/13/2025 07:11	KFH
					Certifications:		CTDPH-PH-0837,NJDEP-N	11/20/2025 18:11	
2355-31-9	N-MeFOSAA	ND		-	ng/L	1.90	EPA 537.1	11/13/2025 07:11	KFH
					Certifications:		CTDPH-PH-0837,NJDEP-N	11/20/2025 18:11	
2991-50-6	N-EtFOSAA	ND		-	ng/L	1.90	EPA 537.1	11/13/2025 07:11	KFH
					Certifications:		CTDPH-PH-0837,NJDEP-N	11/20/2025 18:11	

	Surrogate Recoveries	Result	Acceptance Range
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*86.6 %*	*70-130*
MPFDA	*Surrogate: MPFDA*	*85.9 %*	*70-130*
307-24-4	*Surrogate: MPFHxA*	*86.7 %*	*70-130*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*79.2 %*	*70-130*

Sample Information

Client Sample ID: GAC FIELD BLANK

York Sample ID: 25K0638-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0638	GAC VESSEL Resample 11/12/25	Drinking Water	November 12, 2025 7:30 am	11/12/2025

Q_P_PFAS, EPA 533 Hazard Index

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: GAC FIELD BLANK **York Sample ID:** 25K0638-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0638	GAC VESSEL Resample 11/12/25	Drinking Water	November 12, 2025 7:30 am	11/12/2025

Sample Prepared by Method: EPA 533

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level MCL	Units	LOQ	Reference Method	Date/Time Prep/Anal.	Analyst
	* Hazard Index	ND		1	Unitless (HI)	0.0996	EPA 533	11/14/2025 11:58	KFH
					Certifications:			11/16/2025 21:12	

Q_P_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	1.99	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 21:12	
756426-58-1	9CL-PF3ONS	ND		-	ng/L	1.99	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 21:12	
763051-92-9	11CL-PF3OUdS	ND		-	ng/L	1.99	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 21:12	
13252-13-6	HFPO-DA (Gen-X)	ND		10	ng/L	1.99	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 21:12	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		-	ng/L	1.99	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 21:12	
335-76-2	Perfluorodecanoic acid (PFDA)	ND		-	ng/L	1.99	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 21:12	
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		-	ng/L	1.99	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 21:12	
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		-	ng/L	1.99	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 21:12	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		10	ng/L	1.99	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 21:12	
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		-	ng/L	1.99	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 21:12	
375-95-1	Perfluorononanoic acid (PFNA)	ND		10	ng/L	1.99	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 21:12	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		10	ng/L	1.99	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 21:12	
335-67-1	Perfluorooctanoic acid (PFOA)	ND		10	ng/L	1.99	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 21:12	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		-	ng/L	1.99	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 21:12	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		-	ng/L	1.99	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 21:12	
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		-	ng/L	1.99	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 21:12	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		-	ng/L	1.99	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 21:12	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		-	ng/L	1.99	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 21:12	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		-	ng/L	1.99	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 21:12	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		-	ng/L	1.99	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 21:12	

Sample Information

Client Sample ID: GAC FIELD BLANK **York Sample ID:** 25K0638-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0638	GAC VESSEL Resample 11/12/25	Drinking Water	November 12, 2025 7:30 am	11/12/2025

Q_P_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)	ND		-	ng/L	1.99	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 21:12	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		-	ng/L	1.99	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 21:12	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		-	ng/L	1.99	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 21:12	
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		-	ng/L	1.99	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 21:12	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		-	ng/L	1.99	EPA 533	11/14/2025 11:58	KFH
					Certifications:		NYSDOH-NY12058,CTDP	11/16/2025 21:12	

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: MPFDoA*	*90.7 %*	*50-200*
13C4PFBA	*Surrogate: MPFBA*	*82.3 %*	*50-200*
13C9PFNA	*Surrogate: M9PFNA*	*100 %*	*50-200*
M8PFOS	*Surrogate: M8PFOS*	*83.7 %*	*50-200*
13C8PFOA	*Surrogate: M8PFOA*	*106 %*	*50-200*
13C7PFUNA	*Surrogate: M7PFUdA*	*95.3 %*	*50-200*
13C6PFDA	*Surrogate: M6PFDA*	*85.6 %*	*50-200*
13C5PFPEA	*Surrogate: M5PFPeA*	*85.6 %*	*50-200*
2328025-54-8	*Surrogate: M5PFHxA*	*96.3 %*	*50-200*
13C4PFHPA	*Surrogate: M4PFHpA*	*90.3 %*	*50-200*
13C3PFHXS	*Surrogate: M3PFHxS*	*83.8 %*	*50-200*
M3PFBS	*Surrogate: M3PFBS*	*78.6 %*	*50-200*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*92.9 %*	*50-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*56.4 %*	*50-200*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*131 %*	*50-200*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*77.6 %*	*50-200*

Q_P_PFAS, EPA 537.1 UCMR5 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 537.1 SPE DVB

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level MCL	Units	Reported to LOQ	Reference Method	Date/Time Prep/Anal.	Analyst
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		-	ng/L	1.84	EPA 537.1	11/13/2025 07:11	KFH
					Certifications:		CTDPH-PH-0837,NJDEP-N	11/20/2025 18:37	
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		-	ng/L	1.84	EPA 537.1	11/13/2025 07:11	KFH
					Certifications:		CTDPH-PH-0837,NJDEP-N	11/20/2025 18:37	
2355-31-9	N-MeFOSAA	ND		-	ng/L	1.84	EPA 537.1	11/13/2025 07:11	KFH
					Certifications:		CTDPH-PH-0837,NJDEP-N	11/20/2025 18:37	
2991-50-6	N-EtFOSAA	ND		-	ng/L	1.84	EPA 537.1	11/13/2025 07:11	KFH
					Certifications:		CTDPH-PH-0837,NJDEP-N	11/20/2025 18:37	

Sample Information

Client Sample ID: GAC FIELD BLANK **York Sample ID:** 25K0638-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0638	GAC VESSEL Resample 11/12/25	Drinking Water	November 12, 2025 7:30 am	11/12/2025

Q_P_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**					
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*74.7 %*		*70-130*					
MPFDA	*Surrogate: MPFDA*	*78.5 %*		*70-130*					
307-24-4	*Surrogate: MPFHxA*	*73.6 %*		*70-130*					
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*71.0 %*		*70-130*					

Analytical Batch Summary

Batch ID: BK50780 **Preparation Method:** EPA 537.1 SPE DVB **Prepared By:** NJO

YORK Sample ID	Client Sample ID	Preparation Date
25K0638-01	GAC VESSEL A 25%	11/13/25
25K0638-02	GAC VESSEL A 50%	11/13/25
25K0638-03	GAC VESSEL A 75%	11/13/25
25K0638-04	GAC VESSEL B 25%	11/13/25
25K0638-05	GAC VESSEL B 50%	11/13/25
25K0638-06	GAC VESSEL B 75%	11/13/25
25K0638-07	GAC FIELD BLANK	11/13/25
BK50780-BLK1	Blank	11/13/25
BK50780-MRL1	MRL Check	11/13/25
BK50780-MS1	Matrix Spike	11/13/25

Batch ID: BK50800 **Preparation Method:** EPA 533 **Prepared By:** DD2

YORK Sample ID	Client Sample ID	Preparation Date
25K0638-01	GAC VESSEL A 25%	11/13/25
BK50800-BLK1	Blank	11/13/25
BK50800-BS1	LCS	11/13/25

Batch ID: BK50916 **Preparation Method:** EPA 533 **Prepared By:** DD2

YORK Sample ID	Client Sample ID	Preparation Date
25K0638-02	GAC VESSEL A 50%	11/14/25
25K0638-03	GAC VESSEL A 75%	11/14/25
25K0638-04	GAC VESSEL B 25%	11/14/25
25K0638-05	GAC VESSEL B 50%	11/14/25
25K0638-06	GAC VESSEL B 75%	11/14/25
25K0638-07	GAC FIELD BLANK	11/14/25
BK50916-BLK1	Blank	11/14/25
BK50916-BS1	LCS	11/14/25
BK50916-DUP1	Duplicate	11/14/25
BK50916-MRL1	MRL Check	11/14/25
BK50916-MS1	Matrix Spike	11/14/25

Batch ID: BK51610 **Preparation Method:** EPA 533 **Prepared By:** NJO

YORK Sample ID	Client Sample ID	Preparation Date
25K0638-01RE1	GAC VESSEL A 25%	11/26/25
BK51610-BLK1	Blank	11/26/25
BK51610-BS1	LCS	11/26/25

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50780 - EPA 537.1 SPE DVB											
Blank (BK50780-BLK1)									Prepared: 11/13/2025 Analyzed: 11/20/2025		
Perfluorobutanesulfonic acid (PFBS)	ND	2.00	ng/L								
Perfluorohexanoic acid (PFHxA)	ND	2.00	"								
Perfluoroheptanoic acid (PFHpA)	ND	2.00	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	2.00	"								
Perfluorooctanoic acid (PFOA)	ND	2.00	"								
Perfluorooctanesulfonic acid (PFOS)	ND	2.00	"								
Perfluorononanoic acid (PFNA)	ND	2.00	"								
Perfluorodecanoic acid (PFDA)	ND	2.00	"								
Perfluoroundecanoic acid (PFUnA)	ND	2.00	"								
Perfluorododecanoic acid (PFDoA)	ND	2.00	"								
Perfluorotridecanoic acid (PFTrDA)	ND	2.00	"								
Perfluorotetradecanoic acid (PFTA)	ND	2.00	"								
N-MeFOSAA	ND	2.00	"								
N-EtFOSAA	ND	2.00	"								
9CL-PF3ONS	ND	2.00	"								
11CL-PF3OUdS	ND	2.00	"								
HFPO-DA (Gen-X)	ND	2.00	"								
ADONA	ND	2.00	"								
Surrogate: d5-N-EtFOSAA	*147*		"	*160*		*91.8*	*70-130*				
Surrogate: MPFDA	*34.4*		"	*40.0*		*86.0*	*70-130*				
Surrogate: MPFHxA	*33.0*		"	*40.0*		*82.4*	*70-130*				
Surrogate: M3HFPO-DA	*28.1*		"	*40.0*		*70.2*	*70-130*				
MRL Check (BK50780-MRL1)									Prepared: 11/13/2025 Analyzed: 11/20/2025		
Perfluorobutanesulfonic acid (PFBS)	1.12	2.00	ng/L	1.77		63.3	50-150				
Perfluorohexanoic acid (PFHxA)	1.13	2.00	"	2.00		56.4	50-150				
Perfluoroheptanoic acid (PFHpA)	1.21	2.00	"	2.00		60.7	50-150				
Perfluorohexanesulfonic acid (PFHxS)	1.32	2.00	"	1.90		69.7	50-150				
Perfluorooctanoic acid (PFOA)	1.35	2.00	"	2.00		67.3	50-150				
Perfluorooctanesulfonic acid (PFOS)	1.57	2.00	"	1.92		81.5	50-150				
Perfluorononanoic acid (PFNA)	1.23	2.00	"	2.00		61.5	50-150				
Perfluorodecanoic acid (PFDA)	1.17	2.00	"	2.00		58.7	50-150				
Perfluoroundecanoic acid (PFUnA)	1.18	2.00	"	2.00		59.0	50-150				
Perfluorododecanoic acid (PFDoA)	1.15	2.00	"	2.00		57.7	50-150				
Perfluorotridecanoic acid (PFTrDA)	1.25	2.00	"	2.00		62.4	50-150				
Perfluorotetradecanoic acid (PFTA)	1.06	2.00	"	2.00		53.2	50-150				
N-MeFOSAA	1.35	2.00	"	2.00		67.4	50-150				
N-EtFOSAA	1.08	2.00	"	2.00		53.9	50-150				
9CL-PF3ONS	1.16	2.00	"	1.87		62.0	50-150				
11CL-PF3OUdS	1.12	2.00	"	1.89		59.1	50-150				
HFPO-DA (Gen-X)	1.48	2.00	"	2.00		73.8	50-150				
ADONA	1.08	2.00	"	1.89		57.3	50-150				
Surrogate: d5-N-EtFOSAA	*123*		"	*160*		*77.2*	*70-130*				
Surrogate: MPFDA	*33.8*		"	*40.0*		*84.6*	*70-130*				
Surrogate: MPFHxA	*31.0*		"	*40.0*		*77.6*	*70-130*				
Surrogate: M3HFPO-DA	*27.2*		"	*40.0*		*68.1*	*70-130*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50780 - EPA 537.1 SPE DVB											
Matrix Spike (BK50780-MS1)	*Source sample: 25K0638-06 (GAC VESSEL B 75%)							Prepared: 11/13/2025 Analyzed: 11/20/2025			
Perfluorobutanesulfonic acid (PFBS)	32.9	1.99	ng/L	35.3	ND	93.3	70-130				
Perfluorohexanoic acid (PFHxA)	32.9	1.99	"	39.8	1.35	79.2	70-130				
Perfluoroheptanoic acid (PFHpA)	31.1	1.99	"	39.8	ND	78.0	70-130				
Perfluorohexanesulfonic acid (PFHxS)	35.5	1.99	"	37.8	ND	93.8	70-130				
Perfluorooctanoic acid (PFOA)	32.3	1.99	"	39.8	ND	81.2	70-130				
Perfluorooctanesulfonic acid (PFOS)	30.7	1.99	"	38.2	ND	80.3	70-130				
Perfluorononanoic acid (PFNA)	31.0	1.99	"	39.8	ND	77.9	70-130				
Perfluorodecanoic acid (PFDA)	30.9	1.99	"	39.8	ND	77.6	70-130				
Perfluoroundecanoic acid (PFUnA)	30.2	1.99	"	39.8	ND	75.8	70-130				
Perfluorododecanoic acid (PFDoA)	27.5	1.99	"	39.8	ND	69.0	70-130	Low Bias			
Perfluorotridecanoic acid (PFTrDA)	27.3	1.99	"	39.8	ND	68.5	70-130	Low Bias			
Perfluorotetradecanoic acid (PFTA)	27.0	1.99	"	39.8	ND	67.7	70-130	Low Bias			
N-MeFOSAA	30.1	1.99	"	39.8	ND	75.4	70-130				
N-EtFOSAA	27.5	1.99	"	39.8	ND	69.0	70-130	Low Bias			
9CL-PF3ONS	31.6	1.99	"	37.3	ND	85.0	70-130				
11CL-PF3OUdS	25.4	1.99	"	37.6	ND	67.6	70-130	Low Bias			
HFPO-DA (Gen-X)	29.9	1.99	"	39.8	ND	75.0	70-130				
ADONA	29.4	1.99	"	37.6	ND	78.2	70-130				
Surrogate: d5-N-EtFOSAA	*116*		*"*	*159*		*72.6*	*70-130*				
Surrogate: MPFDA	*30.8*		*"*	*39.8*		*77.4*	*70-130*				
Surrogate: MPFHxA	*31.3*		*"*	*39.8*		*78.5*	*70-130*				
Surrogate: M3HFPO-DA	*27.8*		*"*	*39.8*		*69.7*	*70-130*				
Batch BK50800 - EPA 533											
Blank (BK50800-BLK1)								Prepared: 11/13/2025 Analyzed: 11/16/2025			
ADONA	ND	2.00	ng/L								
Hazard Index	ND	0.100	Unitless (HI)								
9CL-PF3ONS	ND	2.00	ng/L								
11CL-PF3OUdS	ND	2.00	"								
HFPO-DA (Gen-X)	ND	2.00	"								
Perfluorobutanesulfonic acid (PFBS)	ND	2.00	"								
Perfluorodecanoic acid (PFDA)	ND	2.00	"								
Perfluorododecanoic acid (PFDoA)	ND	2.00	"								
Perfluoroheptanoic acid (PFHpA)	ND	2.00	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	2.00	"								
Perfluorohexanoic acid (PFHxA)	ND	2.00	"								
Perfluorononanoic acid (PFNA)	ND	2.00	"								
Perfluorooctanesulfonic acid (PFOS)	ND	2.00	"								
Perfluorooctanoic acid (PFOA)	ND	2.00	"								
Perfluoroundecanoic acid (PFUnA)	ND	2.00	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	2.00	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	2.00	"								
Perfluoro-n-butanoic acid (PFBA)	ND	2.00	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	2.00	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	2.00	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	2.00	"								
Perfluoropentanoic acid (PFPeA)	ND	2.00	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	2.00	"								

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50800 - EPA 533											
Blank (BK50800-BLK1)											Prepared: 11/13/2025 Analyzed: 11/16/2025
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	2.00	ng/L								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	2.00	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	2.00	"								
Surrogate: MPFDoA	*15.5*		*"*	*20.0*		*77.7*	*50-200*				
Surrogate: MPFBA	*9.47*		*"*	*20.0*		*47.3*	*50-200*				
Surrogate: M9PFNA	*14.3*		*"*	*20.0*		*71.7*	*50-200*				
Surrogate: M8PFOS	*16.8*		*"*	*19.2*		*87.5*	*50-200*				
Surrogate: M8PFOA	*14.3*		*"*	*20.0*		*71.6*	*50-200*				
Surrogate: M7PFUdA	*15.1*		*"*	*20.0*		*75.3*	*50-200*				
Surrogate: M6PFDA	*12.6*		*"*	*20.0*		*63.0*	*50-200*				
Surrogate: M5PFPeA	*9.43*		*"*	*20.0*		*47.1*	*50-200*				
Surrogate: M5PFHxA	*10.9*		*"*	*20.0*		*54.7*	*50-200*				
Surrogate: M4PFHpA	*10.1*		*"*	*20.0*		*50.6*	*50-200*				
Surrogate: M3PFHxS	*14.3*		*"*	*19.0*		*75.5*	*50-200*				
Surrogate: M3PFBS	*10.8*		*"*	*18.6*		*58.1*	*50-200*				
Surrogate: M3HFPO-DA	*7.30*		*"*	*20.0*		*36.5*	*50-200*				
Surrogate: M2-8:2 FTS	*46.7*		*"*	*76.8*		*60.9*	*50-200*				
Surrogate: M2-6:2 FTS	*102*		*"*	*76.0*		*134*	*50-200*				
Surrogate: M2-4:2 FTS	*41.3*		*"*	*75.2*		*54.9*	*50-200*				
LCS (BK50800-BS1)											Prepared: 11/13/2025 Analyzed: 11/16/2025
ADONA	39.4	2.00	ng/L	37.8		104	70-130				
9CL-PF3ONS	36.5	2.00	"	37.4		97.7	70-130				
11CL-PF3OUdS	33.7	2.00	"	37.8		89.3	70-130				
HFPO-DA (Gen-X)	42.3	2.00	"	40.0		106	70-130				
Perfluorobutanesulfonic acid (PFBS)	38.5	2.00	"	35.5		108	70-130				
Perfluorodecanoic acid (PFDA)	39.2	2.00	"	40.0		98.1	70-130				
Perfluorododecanoic acid (PFDoA)	35.3	2.00	"	40.0		88.3	70-130				
Perfluoroheptanoic acid (PFHpA)	37.5	2.00	"	40.0		93.8	70-130				
Perfluorohexanesulfonic acid (PFHxS)	32.6	2.00	"	36.5		89.3	70-130				
Perfluorohexanoic acid (PFHxA)	38.7	2.00	"	40.0		96.6	70-130				
Perfluorononanoic acid (PFNA)	33.5	2.00	"	40.0		83.7	70-130				
Perfluorooctanesulfonic acid (PFOS)	35.8	2.00	"	37.1		96.4	70-130				
Perfluorooctanoic acid (PFOA)	32.4	2.00	"	40.0		80.9	70-130				
Perfluoroundecanoic acid (PFUnA)	44.5	2.00	"	40.0		111	70-130				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	39.7	2.00	"	37.5		106	70-130				
Perfluoro-1-pentanesulfonate (PFPeS)	35.3	2.00	"	37.6		94.0	70-130				
Perfluoro-n-butanoic acid (PFBA)	39.7	2.00	"	40.0		99.2	70-130				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	39.6	2.00	"	38.4		103	70-130				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	43.2	2.00	"	38.1		113	70-130				
Perfluoro-1-heptanesulfonic acid (PFHpS)	38.9	2.00	"	38.2		102	70-130				
Perfluoropentanoic acid (PFPeA)	44.1	2.00	"	40.0		110	70-130				
Perfluoro-5-oxahexanoic acid (PFMBA)	43.6	2.00	"	40.0		109	70-130				
Perfluoro-4-oxapentanoic acid (PFMPA)	45.6	2.00	"	40.0		114	70-130				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	37.1	2.00	"	40.0		92.8	70-130				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	39.9	2.00	"	35.7		112	70-130				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50800 - EPA 533											
LCS (BK50800-BS1)											
Surrogate: MPFDoA	*17.3*		*ng/L*	*20.0*		*86.5*	*50-200*				
Surrogate: MPFBA	*16.7*		*"*	*20.0*		*83.6*	*50-200*				
Surrogate: M9PFNA	*19.0*		*"*	*20.0*		*94.8*	*50-200*				
Surrogate: M8PFOS	*17.1*		*"*	*19.2*		*89.3*	*50-200*				
Surrogate: M8PFOA	*19.2*		*"*	*20.0*		*96.1*	*50-200*				
Surrogate: M7PFUdA	*17.4*		*"*	*20.0*		*87.2*	*50-200*				
Surrogate: M6PFDA	*16.4*		*"*	*20.0*		*81.8*	*50-200*				
Surrogate: M5PFPeA	*16.3*		*"*	*20.0*		*81.4*	*50-200*				
Surrogate: M5PFHxA	*18.4*		*"*	*20.0*		*92.2*	*50-200*				
Surrogate: M4PFHpA	*16.8*		*"*	*20.0*		*84.2*	*50-200*				
Surrogate: M3PFHxS	*17.6*		*"*	*19.0*		*93.0*	*50-200*				
Surrogate: M3PFBS	*16.0*		*"*	*18.6*		*86.0*	*50-200*				
Surrogate: M3HFPO-DA	*11.1*		*"*	*20.0*		*55.5*	*50-200*				
Surrogate: M2-8:2 FTS	*46.0*		*"*	*76.8*		*59.9*	*50-200*				
Surrogate: M2-6:2 FTS	*117*		*"*	*76.0*		*154*	*50-200*				
Surrogate: M2-4:2 FTS	*58.7*		*"*	*75.2*		*78.0*	*50-200*				
Batch BK50916 - EPA 533											
Blank (BK50916-BLK1)											
ADONA	ND	2.00	ng/L								
Hazard Index	ND	0.100	Unitless (HI)								
9CL-PF3ONS	ND	2.00	ng/L								
11CL-PF3OUdS	ND	2.00	"								
HFPO-DA (Gen-X)	ND	2.00	"								
Perfluorobutanesulfonic acid (PFBS)	ND	2.00	"								
Perfluorodecanoic acid (PFDA)	ND	2.00	"								
Perfluorododecanoic acid (PFDoA)	ND	2.00	"								
Perfluoroheptanoic acid (PFHpA)	ND	2.00	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	2.00	"								
Perfluorohexanoic acid (PFHxA)	ND	2.00	"								
Perfluorononanoic acid (PFNA)	ND	2.00	"								
Perfluorooctanesulfonic acid (PFOS)	ND	2.00	"								
Perfluorooctanoic acid (PFOA)	ND	2.00	"								
Perfluoroundecanoic acid (PFUnA)	ND	2.00	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	2.00	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	2.00	"								
Perfluoro-n-butanoic acid (PFBA)	ND	2.00	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	2.00	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	2.00	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	2.00	"								
Perfluoropentanoic acid (PFPeA)	ND	2.00	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	2.00	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	2.00	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	2.00	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	2.00	"								
Surrogate: MPFDoA	*20.0*		*"*	*20.0*		*100*	*50-200*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50916 - EPA 533											
Blank (BK50916-BLK1)								Prepared: 11/14/2025 Analyzed: 11/16/2025			
Surrogate: MPFBA	*14.1*		*ng/L*	*20.0*		*70.3*	*50-200*				
Surrogate: M9PFNA	*21.2*		*"*	*20.0*		*106*	*50-200*				
Surrogate: M8PFOS	*17.5*		*"*	*19.2*		*91.3*	*50-200*				
Surrogate: M8PFOA	*22.0*		*"*	*20.0*		*110*	*50-200*				
Surrogate: M7PFUdA	*19.4*		*"*	*20.0*		*97.1*	*50-200*				
Surrogate: M6PFDA	*18.0*		*"*	*20.0*		*90.0*	*50-200*				
Surrogate: M5PFPeA	*14.5*		*"*	*20.0*		*72.4*	*50-200*				
Surrogate: M5PFHxA	*17.5*		*"*	*20.0*		*87.6*	*50-200*				
Surrogate: M4PFHpA	*17.2*		*"*	*20.0*		*86.1*	*50-200*				
Surrogate: M3PFHxS	*16.8*		*"*	*19.0*		*88.6*	*50-200*				
Surrogate: M3PFBS	*13.4*		*"*	*18.6*		*72.0*	*50-200*				
Surrogate: M3HFPO-DA	*16.9*		*"*	*20.0*		*84.5*	*50-200*				
Surrogate: M2-8:2 FTS	*49.5*		*"*	*76.8*		*64.4*	*50-200*				
Surrogate: M2-6:2 FTS	*101*		*"*	*76.0*		*133*	*50-200*				
Surrogate: M2-4:2 FTS	*53.2*		*"*	*75.2*		*70.8*	*50-200*				
LCS (BK50916-BS1)								Prepared: 11/14/2025 Analyzed: 11/16/2025			
ADONA	21.8	2.00	ng/L	18.9		115	70-130				
9CL-PF3ONS	17.9	2.00	"	18.7		95.6	70-130				
11CL-PF3OUdS	17.6	2.00	"	18.9		93.4	70-130				
HFPO-DA (Gen-X)	23.5	2.00	"	20.0		117	70-130				
Perfluorobutanesulfonic acid (PFBS)	18.9	2.00	"	17.8		106	70-130				
Perfluorodecanoic acid (PFDA)	17.8	2.00	"	20.0		88.9	70-130				
Perfluorododecanoic acid (PFDoA)	16.9	2.00	"	20.0		84.7	70-130				
Perfluoroheptanoic acid (PFHpA)	19.0	2.00	"	20.0		95.0	70-130				
Perfluorohexanesulfonic acid (PFHxS)	15.6	2.00	"	18.2		85.3	70-130				
Perfluorohexanoic acid (PFHxA)	18.6	2.00	"	20.0		93.0	70-130				
Perfluorononanoic acid (PFNA)	15.5	2.00	"	20.0		77.7	70-130				
Perfluorooctanesulfonic acid (PFOS)	17.9	2.00	"	18.6		96.4	70-130				
Perfluorooctanoic acid (PFOA)	14.7	2.00	"	20.0		73.6	70-130				
Perfluoroundecanoic acid (PFUnA)	20.2	2.00	"	20.0		101	70-130				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	18.9	2.00	"	18.8		101	70-130				
Perfluoro-1-pentanesulfonate (PFPeS)	15.2	2.00	"	18.8		80.9	70-130				
Perfluoro-n-butanoic acid (PFBA)	18.0	2.00	"	20.0		90.1	70-130				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	19.8	2.00	"	19.2		103	70-130				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	19.8	2.00	"	19.0		104	70-130				
Perfluoro-1-heptanesulfonic acid (PFHpS)	17.7	2.00	"	19.1		92.9	70-130				
Perfluoropentanoic acid (PFPeA)	21.1	2.00	"	20.0		106	70-130				
Perfluoro-5-oxahexanoic acid (PFMBA)	26.3	2.00	"	20.0		132	70-130	High Bias			
Perfluoro-4-oxapentanoic acid (PFMPA)	21.7	2.00	"	20.0		109	70-130				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	18.5	2.00	"	20.0		92.5	70-130				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	21.6	2.00	"	17.8		121	70-130				
Surrogate: MPFDoA	*18.1*		*"*	*20.0*		*90.7*	*50-200*				
Surrogate: MPFBA	*6.75*		*"*	*20.0*		*33.8*	*50-200*				
Surrogate: M9PFNA	*19.1*		*"*	*20.0*		*95.3*	*50-200*				
Surrogate: M8PFOS	*16.1*		*"*	*19.2*		*84.1*	*50-200*				
Surrogate: M8PFOA	*18.0*		*"*	*20.0*		*90.2*	*50-200*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50916 - EPA 533											
LCS (BK50916-BS1)									Prepared: 11/14/2025 Analyzed: 11/16/2025		
Surrogate: M7PFUdA	*18.6*		*ng/L*	*20.0*		*93.0*	*50-200*				
Surrogate: M6PFDA	*17.1*		*"*	*20.0*		*85.5*	*50-200*				
Surrogate: M5PFPeA	*7.38*		*"*	*20.0*		*36.9*	*50-200*				
Surrogate: M5PFHxA	*10.6*		*"*	*20.0*		*52.9*	*50-200*				
Surrogate: M4PFHpA	*12.1*		*"*	*20.0*		*60.5*	*50-200*				
Surrogate: M3PFHxS	*13.1*		*"*	*19.0*		*69.2*	*50-200*				
Surrogate: M3PFBS	*7.85*		*"*	*18.6*		*42.1*	*50-200*				
Surrogate: M3HFPO-DA	*9.58*		*"*	*20.0*		*47.9*	*50-200*				
Surrogate: M2-8:2 FTS	*46.0*		*"*	*76.8*		*60.0*	*50-200*				
Surrogate: M2-6:2 FTS	*80.3*		*"*	*76.0*		*106*	*50-200*				
Surrogate: M2-4:2 FTS	*32.3*		*"*	*75.2*		*42.9*	*50-200*				
Duplicate (BK50916-DUP1)	*Source sample: 25K0638-02 (GAC VESSEL A 50%)								Prepared: 11/14/2025 Analyzed: 11/16/2025		
ADONA	ND	1.94	ng/L		ND					30	
Hazard Index	ND	0.0969	Unitless (HI)		ND					200	
9CL-PF3ONS	ND	1.94	ng/L		ND					30	
11CL-PF3OUdS	ND	1.94	"		ND					30	
HFPO-DA (Gen-X)	ND	1.94	"		ND					30	
Perfluorobutanesulfonic acid (PFBS)	1.01	1.94	"		1.27				22.8	30	
Perfluorodecanoic acid (PFDA)	ND	1.94	"		ND					30	
Perfluorododecanoic acid (PFDoA)	ND	1.94	"		ND					30	
Perfluoroheptanoic acid (PFHpA)	ND	1.94	"		0.729					30	
Perfluorohexanesulfonic acid (PFHxS)	ND	1.94	"		ND					30	
Perfluorohexanoic acid (PFHxA)	2.97	1.94	"		3.03				2.31	30	
Perfluorononanoic acid (PFNA)	ND	1.94	"		ND					30	
Perfluorooctanesulfonic acid (PFOS)	ND	1.94	"		ND					30	
Perfluorooctanoic acid (PFOA)	ND	1.94	"		ND					30	
Perfluoroundecanoic acid (PFUnA)	ND	1.94	"		ND					30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	1.94	"		ND					30	
Perfluoro-1-pentanesulfonate (PFPeS)	ND	1.94	"		ND					30	
Perfluoro-n-butanoic acid (PFBA)	3.85	1.94	"		3.77				2.26	30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	1.94	"		ND					30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	1.94	"		ND					30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	1.94	"		ND					30	
Perfluoropentanoic acid (PFPeA)	7.97	1.94	"		8.28				3.88	30	
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.94	"		ND					30	
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.94	"		ND					30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.94	"		ND					30	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.94	"		ND					30	
Surrogate: MPFDoA	*16.1*		*"*	*19.4*		*83.3*	*50-200*				
Surrogate: MPFBA	*14.9*		*"*	*19.4*		*77.1*	*50-200*				
Surrogate: M9PFNA	*18.8*		*"*	*19.4*		*97.2*	*50-200*				
Surrogate: M8PFOS	*14.2*		*"*	*18.6*		*76.6*	*50-200*				
Surrogate: M8PFOA	*19.8*		*"*	*19.4*		*102*	*50-200*				
Surrogate: M7PFUdA	*17.2*		*"*	*19.4*		*88.9*	*50-200*				
Surrogate: M6PFDA	*16.2*		*"*	*19.4*		*83.8*	*50-200*				
Surrogate: M5PFPeA	*14.0*		*"*	*19.4*		*72.0*	*50-200*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50916 - EPA 533											
Duplicate (BK50916-DUP1)	*Source sample: 25K0638-02 (GAC VESSEL A 50%)							Prepared: 11/14/2025 Analyzed: 11/16/2025			
Surrogate: M5PFHxA	*17.2*		*ng/L*	*19.4*		*88.7*	*50-200*				
Surrogate: M4PFHpA	*16.6*		*"*	*19.4*		*85.9*	*50-200*				
Surrogate: M3PFHxS	*15.2*		*"*	*18.4*		*83.0*	*50-200*				
Surrogate: M3PFBS	*13.5*		*"*	*18.1*		*74.9*	*50-200*				
Surrogate: M3HFPO-DA	*15.4*		*"*	*19.4*		*79.3*	*50-200*				
Surrogate: M2-8:2 FTS	*42.3*		*"*	*74.4*		*56.9*	*50-200*				
Surrogate: M2-6:2 FTS	*97.2*		*"*	*73.6*		*132*	*50-200*				
Surrogate: M2-4:2 FTS	*50.5*		*"*	*72.9*		*69.3*	*50-200*				
MRL Check (BK50916-MRL1)								Prepared: 11/14/2025 Analyzed: 11/16/2025			
ADONA	2.31	2.00	ng/L	1.89		122	50-150				
Hazard Index	0.00107	0.100	Unitless (HI)				0-200				
9CL-PF3ONS	1.93	2.00	ng/L	1.87		103	50-150				
11CL-PF3OUdS	1.82	2.00	"	1.89		96.3	50-150				
HFPO-DA (Gen-X)	2.91	2.00	"	2.00		146	50-150				
Perfluorobutanesulfonic acid (PFBS)	2.13	2.00	"	1.78		120	50-150				
Perfluorodecanoic acid (PFDA)	2.13	2.00	"	2.00		106	50-150				
Perfluorododecanoic acid (PFDoA)	1.78	2.00	"	2.00		88.8	50-150				
Perfluoroheptanoic acid (PFHpA)	1.99	2.00	"	2.00		99.5	50-150				
Perfluorohexanesulfonic acid (PFHxS)	1.75	2.00	"	1.82		95.7	50-150				
Perfluorohexanoic acid (PFHxA)	1.90	2.00	"	2.00		94.9	50-150				
Perfluorononanoic acid (PFNA)	1.64	2.00	"	2.00		82.0	50-150				
Perfluorooctanesulfonic acid (PFOS)	2.18	2.00	"	1.86		118	50-150				
Perfluorooctanoic acid (PFOA)	1.62	2.00	"	2.00		81.2	50-150				
Perfluoroundecanoic acid (PFUnA)	2.19	2.00	"	2.00		110	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	2.05	2.00	"	1.88		109	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	1.72	2.00	"	1.88		91.5	50-150				
Perfluoro-n-butanoic acid (PFBA)	2.13	2.00	"	2.00		107	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	2.33	2.00	"	1.92		121	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1.97	2.00	"	1.90		104	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	1.89	2.00	"	1.91		99.2	50-150				
Perfluoropentanoic acid (PFPeA)	2.19	2.00	"	2.00		109	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	2.68	2.00	"	2.00		134	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	2.48	2.00	"	2.00		124	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	3.15	2.00	"	2.00		157	50-150	High Bias			
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	2.28	2.00	"	1.78		128	50-150				
Surrogate: MPFDoA	*19.4*		*"*	*20.0*		*97.2*	*50-200*				
Surrogate: MPFBA	*8.79*		*"*	*20.0*		*43.9*	*50-200*				
Surrogate: M9PFNA	*21.3*		*"*	*20.0*		*106*	*50-200*				
Surrogate: M8PFOS	*16.8*		*"*	*19.2*		*87.8*	*50-200*				
Surrogate: M8PFOA	*20.4*		*"*	*20.0*		*102*	*50-200*				
Surrogate: M7PFUdA	*20.1*		*"*	*20.0*		*101*	*50-200*				
Surrogate: M6PFDA	*17.5*		*"*	*20.0*		*87.7*	*50-200*				
Surrogate: M5PFPeA	*9.68*		*"*	*20.0*		*48.4*	*50-200*				
Surrogate: M5PFHxA	*13.0*		*"*	*20.0*		*64.8*	*50-200*				
Surrogate: M4PFHpA	*14.9*		*"*	*20.0*		*74.5*	*50-200*				
Surrogate: M3PFHxS	*14.1*		*"*	*19.0*		*74.6*	*50-200*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50916 - EPA 533											
MRL Check (BK50916-MRL1)									Prepared: 11/14/2025 Analyzed: 11/16/2025		
Surrogate: M3PFBS	*9.32*		*ng/L*	*18.6*		*50.0*	*50-200*				
Surrogate: M3HFPO-DA	*11.6*		*"*	*20.0*		*57.9*	*50-200*				
Surrogate: M2-8:2 FTS	*49.1*		*"*	*76.8*		*63.9*	*50-200*				
Surrogate: M2-6:2 FTS	*107*		*"*	*76.0*		*140*	*50-200*				
Surrogate: M2-4:2 FTS	*38.9*		*"*	*75.2*		*51.7*	*50-200*				
Matrix Spike (BK50916-MS1)	*Source sample: 25K0638-04 (GAC VESSEL B 25%)								Prepared: 11/14/2025 Analyzed: 11/16/2025		
ADONA	47.6	2.04	ng/L	38.6	ND	123	70-130				
9CL-PF3ONS	36.8	2.04	"	38.1	ND	96.4	70-130				
11CL-PF3OUdS	35.7	2.04	"	38.5	ND	92.6	70-130				
HFPO-DA (Gen-X)	45.8	2.04	"	40.8	ND	112	70-130				
Perfluorobutanesulfonic acid (PFBS)	43.7	2.04	"	36.2	2.31	114	70-130				
Perfluorodecanoic acid (PFDA)	42.1	2.04	"	40.8	ND	103	70-130				
Perfluorododecanoic acid (PFDoA)	35.7	2.04	"	40.8	ND	87.3	70-130				
Perfluoroheptanoic acid (PFHpA)	42.3	2.04	"	40.8	1.73	99.5	70-130				
Perfluorohexanesulfonic acid (PFHxS)	39.3	2.04	"	37.2	2.74	98.3	70-130				
Perfluorohexanoic acid (PFHxA)	47.8	2.04	"	40.8	6.19	102	70-130				
Perfluorononanoic acid (PFNA)	35.8	2.04	"	40.8	0.992	85.3	70-130				
Perfluorooctanesulfonic acid (PFOS)	41.3	2.04	"	37.9	4.28	97.8	70-130				
Perfluorooctanoic acid (PFOA)	35.1	2.04	"	40.8	1.67	81.8	70-130				
Perfluoroundecanoic acid (PFUnA)	45.0	2.04	"	40.8	ND	110	70-130				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	38.4	2.04	"	38.3	ND	100	70-130				
Perfluoro-1-pentanesulfonate (PFPeS)	37.4	2.04	"	38.4	ND	97.5	70-130				
Perfluoro-n-butanoic acid (PFBA)	45.6	2.04	"	40.8	4.33	101	70-130				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	44.9	2.04	"	39.2	ND	115	70-130				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	45.9	2.04	"	38.9	ND	118	70-130				
Perfluoro-1-heptanesulfonic acid (PFHpS)	39.5	2.04	"	38.9	ND	102	70-130				
Perfluoropentanoic acid (PFPeA)	61.5	2.04	"	40.8	12.9	119	70-130				
Perfluoro-5-oxahexanoic acid (PFMBA)	51.9	2.04	"	40.8	ND	127	70-130				
Perfluoro-4-oxapentanoic acid (PFMPA)	49.2	2.04	"	40.8	ND	121	70-130				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	45.3	2.04	"	40.8	ND	111	70-130				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	44.1	2.04	"	36.4	ND	121	70-130				
Surrogate: MPFDoA	*16.1*		*"*	*20.4*		*78.8*	*50-200*				
Surrogate: MPFBA	*9.69*		*"*	*20.4*		*47.5*	*50-200*				
Surrogate: M9PFNA	*17.8*		*"*	*20.4*		*87.4*	*50-200*				
Surrogate: M8PFOS	*14.6*		*"*	*19.6*		*74.4*	*50-200*				
Surrogate: M8PFOA	*18.0*		*"*	*20.4*		*88.0*	*50-200*				
Surrogate: M7PFUdA	*16.6*		*"*	*20.4*		*81.3*	*50-200*				
Surrogate: M6PFDA	*15.6*		*"*	*20.4*		*76.3*	*50-200*				
Surrogate: M5PFPeA	*9.92*		*"*	*20.4*		*48.6*	*50-200*				
Surrogate: M5PFHxA	*13.8*		*"*	*20.4*		*67.7*	*50-200*				
Surrogate: M4PFHpA	*14.2*		*"*	*20.4*		*69.5*	*50-200*				
Surrogate: M3PFHxS	*12.7*		*"*	*19.3*		*65.6*	*50-200*				
Surrogate: M3PFBS	*10.0*		*"*	*19.0*		*52.6*	*50-200*				
Surrogate: M3HFPO-DA	*13.2*		*"*	*20.4*		*64.7*	*50-200*				
Surrogate: M2-8:2 FTS	*39.9*		*"*	*78.4*		*50.9*	*50-200*				
Surrogate: M2-6:2 FTS	*71.0*		*"*	*77.6*		*91.5*	*50-200*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK50916 - EPA 533											
Matrix Spike (BK50916-MS1)	*Source sample: 25K0638-04 (GAC VESSEL B 25%)								Prepared: 11/14/2025 Analyzed: 11/16/2025		
Surrogate: M2-4:2 FTS	*38.4*		*ng/L*	*76.7*		*50.1*	*50-200*				
Batch BK51610 - EPA 533											
Blank (BK51610-BLK1)									Prepared: 11/26/2025 Analyzed: 12/01/2025		
ADONA	ND	2.00	ng/L								
Hazard Index	ND	0.100	Unitless (HI)								
9CL-PF3ONS	ND	2.00	ng/L								
11CL-PF3OUdS	ND	2.00	"								
HFPO-DA (Gen-X)	ND	2.00	"								
Perfluorobutanesulfonic acid (PFBS)	ND	2.00	"								
Perfluorodecanoic acid (PFDA)	ND	2.00	"								
Perfluorododecanoic acid (PFDoA)	ND	2.00	"								
Perfluoroheptanoic acid (PFHpA)	ND	2.00	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	2.00	"								
Perfluorohexanoic acid (PFHxA)	ND	2.00	"								
Perfluorononanoic acid (PFNA)	ND	2.00	"								
Perfluorooctanesulfonic acid (PFOS)	ND	2.00	"								
Perfluorooctanoic acid (PFOA)	ND	2.00	"								
Perfluoroundecanoic acid (PFUnA)	ND	2.00	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	2.00	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	2.00	"								
Perfluoro-n-butanoic acid (PFBA)	ND	2.00	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	2.00	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	2.00	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	2.00	"								
Perfluoropentanoic acid (PFPeA)	ND	2.00	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	2.00	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	2.00	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	2.00	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	2.00	"								
Surrogate: MPFDoA	*15.2*		*"*	*20.0*		*76.1*	*50-200*				
Surrogate: MPFBA	*6.80*		*"*	*20.0*		*34.0*	*50-200*				
Surrogate: M9PFNA	*11.3*		*"*	*20.0*		*56.5*	*50-200*				
Surrogate: M8PFOS	*17.2*		*"*	*19.2*		*89.7*	*50-200*				
Surrogate: M8PFOA	*10.9*		*"*	*20.0*		*54.6*	*50-200*				
Surrogate: M7PFUdA	*14.8*		*"*	*20.0*		*74.0*	*50-200*				
Surrogate: M6PFDA	*13.0*		*"*	*20.0*		*65.1*	*50-200*				
Surrogate: M5PFPeA	*7.88*		*"*	*20.0*		*39.4*	*50-200*				
Surrogate: M5PFHxA	*7.93*		*"*	*20.0*		*39.6*	*50-200*				
Surrogate: M4PFHpA	*10.2*		*"*	*20.0*		*51.0*	*50-200*				
Surrogate: M3PFHxS	*16.1*		*"*	*19.0*		*84.9*	*50-200*				
Surrogate: M3PFBS	*10.8*		*"*	*18.6*		*58.0*	*50-200*				
Surrogate: M3HFPO-DA	*7.86*		*"*	*20.0*		*39.3*	*50-200*				
Surrogate: M2-8:2 FTS	*72.1*		*"*	*76.8*		*93.9*	*50-200*				
Surrogate: M2-6:2 FTS	*138*		*"*	*76.0*		*182*	*50-200*				
Surrogate: M2-4:2 FTS	*54.5*		*"*	*75.2*		*72.5*	*50-200*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK51610 - EPA 533											
LCS (BK51610-BS1)								Prepared: 11/26/2025 Analyzed: 12/01/2025			
ADONA	36.4	2.00	ng/L	37.8		96.3	70-130				
9CL-PF3ONS	37.0	2.00	"	37.4		99.1	70-130				
11CL-PF3OUdS	34.7	2.00	"	37.8		92.0	70-130				
HFPO-DA (Gen-X)	44.8	2.00	"	40.0		112	70-130				
Perfluorobutanesulfonic acid (PFBS)	42.4	2.00	"	35.5		119	70-130				
Perfluorodecanoic acid (PFDA)	46.4	2.00	"	40.0		116	70-130				
Perfluorododecanoic acid (PFDoA)	45.6	2.00	"	40.0		114	70-130				
Perfluoroheptanoic acid (PFHpA)	40.9	2.00	"	40.0		102	70-130				
Perfluorohexanesulfonic acid (PFHxS)	42.4	2.00	"	36.5		116	70-130				
Perfluorohexanoic acid (PFHxA)	46.5	2.00	"	40.0		116	70-130				
Perfluorononanoic acid (PFNA)	49.1	2.00	"	40.0		123	70-130				
Perfluorooctanesulfonic acid (PFOS)	40.4	2.00	"	37.1		109	70-130				
Perfluorooctanoic acid (PFOA)	45.6	2.00	"	40.0		114	70-130				
Perfluoroundecanoic acid (PFUnA)	48.2	2.00	"	40.0		120	70-130				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	42.3	2.00	"	37.5		113	70-130				
Perfluoro-1-pentanesulfonate (PFPeS)	35.7	2.00	"	37.6		95.0	70-130				
Perfluoro-n-butanoic acid (PFBA)	44.0	2.00	"	40.0		110	70-130				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	45.4	2.00	"	38.4		118	70-130				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	43.2	2.00	"	38.1		113	70-130				
Perfluoro-1-heptanesulfonic acid (PFHpS)	36.3	2.00	"	38.2		95.1	70-130				
Perfluoropentanoic acid (PFPeA)	46.6	2.00	"	40.0		117	70-130				
Perfluoro-5-oxahexanoic acid (PFMBA)	57.5	2.00	"	40.0		144	70-130	High Bias			
Perfluoro-4-oxapentanoic acid (PFMPA)	47.2	2.00	"	40.0		118	70-130				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	41.1	2.00	"	40.0		103	70-130				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	44.9	2.00	"	35.7		126	70-130				
Surrogate: MPFDoA	*18.8*		*"*	*20.0*		*94.1*	*50-200*				
Surrogate: MPFBA	*6.80*		*"*	*20.0*		*34.0*	*50-200*				
Surrogate: M9PFNA	*14.2*		*"*	*20.0*		*71.1*	*50-200*				
Surrogate: M8PFOS	*22.9*		*"*	*19.2*		*120*	*50-200*				
Surrogate: M8PFOA	*13.5*		*"*	*20.0*		*67.6*	*50-200*				
Surrogate: M7PFUdA	*18.3*		*"*	*20.0*		*91.4*	*50-200*				
Surrogate: M6PFDA	*16.2*		*"*	*20.0*		*80.9*	*50-200*				
Surrogate: M5PFPeA	*8.24*		*"*	*20.0*		*41.2*	*50-200*				
Surrogate: M5PFHxA	*9.28*		*"*	*20.0*		*46.4*	*50-200*				
Surrogate: M4PFHpA	*12.0*		*"*	*20.0*		*60.0*	*50-200*				
Surrogate: M3PFHxS	*15.6*		*"*	*19.0*		*82.3*	*50-200*				
Surrogate: M3PFBS	*9.74*		*"*	*18.6*		*52.3*	*50-200*				
Surrogate: M3HFPO-DA	*11.7*		*"*	*20.0*		*58.4*	*50-200*				
Surrogate: M2-8:2 FTS	*90.6*		*"*	*76.8*		*118*	*50-200*				
Surrogate: M2-6:2 FTS	*157*		*"*	*76.0*		*207*	*50-200*				
Surrogate: M2-4:2 FTS	*58.7*		*"*	*75.2*		*78.1*	*50-200*				

Sample and Data Qualifiers Relating to This Work Order

PFSu-L	The isotopically labeled surrogate recovered below lab control limits due to a matrix effect. Isotope Dilution was applied.
PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.
PFSL	The recovery for this PFAS surrogate was below control limits
PFLL	The recovery for this PFAS compound was below control limits
PF-LCS-H	The LCS recovery for this PFAS compound was above control limits.
PF-CCV-H	The CCV recovery for this PFAS compound was above control limits.
/\	Analyte is not certified but the state of sample origination offer certification for the Analyte

Definitions and Other Explanations

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

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

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

YORK Project No. 25K0638

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 Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Hampton Bays Water Dist	Company:	Company:		RUSH - Next Day
Address: 18B Ponquogue Ave Hampton Bays, NY 11946	Address:	Address:	YOUR Project Name	RUSH - Two Day RUSH - Three Day X
Phone: 631-728-0179	Phone:	Phone:		RUSH - Four Day
Contact: Keith TuthillJr	Contact:	Contact:		RUSH - Five Day
E-mail: ktuthilljr@southamptontownny.gov	E-mail:	E-mail:	YOUR PO#:	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	Samples From		Report / EDD Type (circle selections)			YORK Reg. Comp.
S - soil / solid	New York	X	Summary Report	CT RCP	EQuIS (Standard)	Compared to the following Regulation(s): (please fill in)
GW - groundwater	New Jersey		QA Report	CT RCP DQA/DUE	NYSDEC EQuIS	
DW - drinking water	Connecticut		CMDP	NJDEP Reduced Deliverables	NJDKQP	
WW - wastewater	Pennsylvania		Standard Excel EDD		NJDEP SRP HazSite	
O - Oil Other	Other:		NY ASP B Package	Other:		

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
GAC VESSEL A 25%	GW	11/12/25 7:30AM			
GAC VESSEL A 50%	GW	11/12/25 7:45AM			
GAC VESSEL A 75%	GW	11/12/25 8:00AM			
GAC VESSEL B 25%	GW	11/12/25 8:15AM			
GAC VESSEL B 50%	GW	11/12/25 8:30AM			
GAC VESSEL B 75%	GW	11/12/25 9:00AM			
GAC FIELD BLANK	GW	11/12/25 7:30AM			

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	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Hampton Bays Sewer Dist Coded	11/12/25 9:15AM	KBarker YORK	11/12/25 1230pm	KBarker YORK	11/12/25 16:30
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
					11-12-25 16:30 4.9 Degrees C