

Fairfax Water PFAS Testing Data

2025

Sampling Event (YYYY/MM/DD)					2025/01/29	2025/01/29	2025/01/29	2025/02/13	2025/02/13	2025/02/13	2025/02/13	2025/02/13	2025/02/20	2025/02/20	2025/02/20	2025/03/11	2025/03/11	2025/03/11
Site					Potomac 2 EP401*	Potomac 1 EP001*	Occoquan EP022*	Potomac 2 EP401*	Potomac 1 EP001*	Potomac 1 EP002*	Potomac 1 EP003*	Potomac 1 EP004*	Potomac 2 EP401*	Potomac 1 EP001*	Occoquan EP022*	Potomac 2 EP401*	Potomac 1 EP001*	Occoquan EP022*
Analyte	Analyte Code	Analytical Method	Reporting Limit	Units														
11-Chloroeicosfluoro-3-oxaundecane-1-sulfonic acid	11Cl-PF30UDs (F53B Major)	EPA 533	5 ppt	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1H,1H,2H,2H-Perfluorodecane sulfonic acid	8:2 FTS	EPA 533	5 ppt	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1H,1H,2H,2H-Perfluorohexane sulfonic acid	4:2 FTS	EPA 533	3 ppt	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1H,1H,2H,2H-Perfluorooctane sulfonic acid	6:2 FTS	EPA 533	5 ppt	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ADONA	EPA 533	3 ppt	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	9Cl-PF30ONS (F53B Minor)	EPA 533	2 ppt	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexafluoropropylene Oxide Dimer Acid	HFPO-DA	EPA 533	5 ppt	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NFDHA	EPA 533	20 ppt	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Perfluoro (2-ethoxyethane) sulfonic acid (PFESAs)	PFESAs	EPA 533	3 ppt	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Perfluoro-3-methoxypropanoic acid (PFMPA)	PFMPA	EPA 533	4 ppt	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Perfluoro-4-methoxybutanoic acid (PFMBA)	PFMBA	EPA 533	3 ppt	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Perfluorobutanesulfonic acid (PFBS)	PFBS	EPA 533	3 ppt	ND	ND	5.5	ND	ND	ND	ND	ND	ND	ND	3.9	ND	ND	3.1	ND
Perfluorobutanoic acid (PBAs)	PFBA	EPA 533	5 ppt	ND	ND	15	ND	ND	ND	ND	ND	ND	ND	6.5	ND	ND	ND	ND
Perfluorodecanoic acid (PFDA)	PFDA	EPA 533	3 ppt	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Perfluorododecanoic acid (PFDoA)	PFDoA	EPA 533	3 ppt	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Perfluorohexadecanesulfonic acid (PFHps)	PFHps	EPA 533	3 ppt	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Perfluoroheptanoic acid (PFHpA)	PFHpA	EPA 533	3 ppt	ND	ND	4.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Perfluorohexanesulfonic acid (PFHxS)	PFHxS	EPA 533	3 ppt	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Perfluorohexanoic acid (PFHxA)	PFHxA	EPA 533	3 ppt	ND	ND	12	ND	ND	ND	ND	ND	ND	ND	5.1	ND	ND	4	ND
Perfluorononanoic acid (PFNA)	PFNA	EPA 533	4 ppt	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Perfluorooctanesulfonic acid (PFOS)	PFOS	EPA 533	4 ppt	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Perfluorooctanoic acid (PFOA)	PFOA	EPA 533	4 ppt	ND	ND	5.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Perfluoropentanesulfonic acid (PFPeS)	PFPeS	EPA 533	4 ppt	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Perfluoropentanoic acid (PFPeA)	PFPeA	EPA 533	3 ppt	ND	ND	14	ND	ND	ND	ND	ND	ND	ND	7.1	ND	ND	4.7	ND
Perfluoroundecanoic acid (PFUnA)	PFUnA	EPA 533	2 ppt	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-ethyl/perfluorooctanesulfonamidoacetic acid	N-EtFOSAA (NEtFOSAA)	EPA 537.1	5 ppt	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-methyl/perfluorooctanesulfonamidoacetic acid	N-MeFOSAA (NMeFOSAA)	EPA 537.1	6 ppt	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Perfluorotetradecanoic acid (PFTFA)	PFTFA	EPA 537.1	8 ppt	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Perfluorotridecanoic acid (PFTrDA)	PFTrDA	EPA 537.1	7 ppt	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Regulated PFAS

ND = non-detect (below reporting limit)

*Regulatory site code identification numbers

Samples dated 2025/02/13 were collected for 2024 UCMRS

Samples dated 2025/10/14 for site Potomac 2 EP401 were not analyzed due to an administrative error by the contract laboratory

Fairfax Water PFAS Testing Data

2025

Sampling Event (YYYY/MM/DD)					2025/04/08	2025/04/08	2025/04/08	2025/05/13	2025/05/13	2025/06/10	2025/06/10	2025/07/08	2025/07/08	2025/07/08	2025/08/12	2025/08/12	
Site					Potomac 2 EP401*	Potomac 1 EP001*	Occoquan EP022*	Potomac 2 EP401*	Potomac 1 EP001*	Occoquan EP022*	Potomac 2 EP401*	Potomac 1 EP001*	Occoquan EP022*	Potomac 2 EP401*	Potomac 1 EP001*	Occoquan EP022*	Potomac 1 EP001*
Analyte	Analyte Code	Analytical Method	Reporting Limit	Units													
11-Chloroeicosfluoro-3-oxaundecane-1-sulfonic acid	11Cl-PF30UDs (F53B Major)	EPA 533	5 ppt	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1H,1H,2H,2H-Perfluorodecane sulfonic acid	8:2 FTS	EPA 533	5 ppt	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1H,1H,2H,2H-Perfluorohexane sulfonic acid	4:2 FTS	EPA 533	3 ppt	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1H,1H,2H,2H-Perfluorooctane sulfonic acid	6:2 FTS	EPA 533	5 ppt	ND	ND	ND	ND	ND	ND	ND	ND	7.1	ND	ND	ND	ND	ND
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ADONA	EPA 533	3 ppt	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	9Cl-PF30ONS (F53B Minor)	EPA 533	2 ppt	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexafluoropropylene Oxide Dimer Acid	HFPO-DA	EPA 533	5 ppt	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nonfluoro-3,6-dioxaheptanoic acid (NFDHA)	NFDHA	EPA 533	20 ppt	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Perfluoro (2-ethoxyethane) sulfonic acid (PFESAs)	PFESAs	EPA 533	3 ppt	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Perfluoro-3-methoxypropanoic acid (PFMPA)	PFMPA	EPA 533	4 ppt	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Perfluoro-4-methoxybutanoic acid (PFMBA)	PFMBA	EPA 533	3 ppt	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Perfluorobutanesulfonic acid (PFBS)	PFBS	EPA 533	3 ppt	ND	ND	3.7	ND	ND	3.6	ND	3	3.8	ND	ND	3.9	ND	ND
Perfluorobutanoic acid (PBAs)	PBAs	EPA 533	5 ppt	ND	ND	6.2	ND	ND	6.3	ND	ND	7.2	ND	ND	8	ND	ND
Perfluorodecanoic acid (PFDA)	PFDA	EPA 533	3 ppt	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Perfluorododecanoic acid (PFDoA)	PFDoA	EPA 533	3 ppt	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Perfluorohexadecanesulfonic acid (PFHps)	PFHps	EPA 533	3 ppt	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Perfluoroheptanoic acid (PFHpA)	PFHpA	EPA 533	3 ppt	ND	ND	ND	ND	ND	3.1	ND	ND	ND	ND	ND	ND	ND	ND
Perfluoroheptane sulfonic acid (PFHxS)	PFHxS	EPA 533	3 ppt	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Perfluorohexanoic acid (PFHxA)	PFHxA	EPA 533	3 ppt	ND	ND	5.8	ND	3.3	7	ND	7.2	6	ND	ND	6.4	ND	ND
Perfluorononanoic acid (PFNA)	PFNA	EPA 533	4 ppt	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Perfluorooctanesulfonic acid (PFOS)	PFOS	EPA 533	4 ppt	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.2	ND	ND
Perfluorooctanoic acid (PFOA)	PFOA	EPA 533	4 ppt	ND	ND	ND	ND	ND	ND	4.1	ND	4.1	ND	ND	4.4	ND	ND
Perfluoropentanesulfonic acid (PFPeS)	PFPeS	EPA 533	4 ppt	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Perfluoropentanoic acid (PFPeA)	PFPeA	EPA 533	3 ppt	ND	ND	5.9	3.2	3.8	7.5	ND	9.1	7.3	3.5	ND	8.7	3.4	ND
Perfluoroundecanoic acid (PFUnA)	PFUnA	EPA 533	2 ppt	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-ethyl/perfluorooctanesulfonamidoacetic acid	N-EtFOSAA (NeFOSAA)	EPA 537.1	5 ppt	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-methyl/perfluorooctanesulfonamidoacetic acid	N-MeFOSAA (NMefOSAA)	EPA 537.1	6 ppt	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Perfluorotetradecanoic acid (PFTA)	PFTA	EPA 537.1	8 ppt	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Perfluorotridecanoic acid (PFTDA)	PFTDA	EPA 537.1	7 ppt	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Regulated PFAS

ND = non-detect (below reporting limit)

*Regulatory site code identification numbers

Samples dated 2025/02/13 were collected for 2024 UCMRS

Samples dated 2025/10/14 for site Potomac 2 EP401 were not analyzed due to an administrative error by the contract laboratory

Fairfax Water PFAS Testing Data

2025

Sampling Event (YYYY/MM/DD)					2025/08/12	2025/09/09	2025/09/09	2025/09/09	2025/10/14	2025/10/14	2025/11/12	2025/11/12	2025/11/12	2025/12/09	2025/12/09	2025/12/09	
Site					Occoquan EP022*	Potomac 2 EP401*	Potomac 1 EP001*	Occoquan EP022*	Potomac 2 EP401*	Potomac 1 EP001*	Occoquan EP022*	Potomac 2 EP401*	Potomac 1 EP001*	Occoquan EP022*	Potomac 2 EP401*	Potomac 1 EP001*	Occoquan EP022*
Analyte	Analyte Code	Analytical Method	Reporting Limit	Units													
11-Chloroeicosfluoro-3-oxaundecane-1-sulfonic acid	11Cl-PF30UDs (F53B Major)	EPA 533	5 ppt	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1H,1H,2H,2H-Perfluorodecane sulfonic acid	8:2 FTS	EPA 533	5 ppt	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1H,1H,2H,2H-Perfluorohexane sulfonic acid	4:2 FTS	EPA 533	3 ppt	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1H,1H,2H,2H-Perfluorooctane sulfonic acid	6:2 FTS	EPA 533	5 ppt	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ADONA	EPA 533	3 ppt	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	9Cl-PF30ONS (F53B Minor)	EPA 533	2 ppt	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexafluoropropylene Oxide Dimer Acid	HFPO-DA	EPA 533	5 ppt	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NFDHA	EPA 533	20 ppt	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Perfluoro (2-ethoxyethane) sulfonic acid (PFESAs)	PFESAs	EPA 533	3 ppt	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Perfluoro-3-methoxypropanoic acid (PFMPA)	PFMPA	EPA 533	4 ppt	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Perfluoro-4-methoxybutanoic acid (PFMBA)	PFMBA	EPA 533	3 ppt	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Perfluorobutanesulfonic acid (PFBS)	PFBS	EPA 533	3 ppt	3.1	ND	ND	3.4	ND	6	ND	ND	7.2	ND	ND	ND	6.5	
Perfluorobutanoic acid (PBAs)	PFBA	EPA 533	5 ppt	6.5	ND	ND	7.8	ND	ND	16	ND	ND	19	ND	ND	ND	18
Perfluorodecanoic acid (PFDA)	PFDA	EPA 533	3 ppt	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Perfluorododecanoic acid (PFDoA)	PFDoA	EPA 533	3 ppt	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Perfluorohexadecanesulfonic acid (PFHps)	PFHps	EPA 533	3 ppt	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Perfluorohexanoic acid (PFHxA)	PFHxA	EPA 533	3 ppt	ND	ND	ND	ND	ND	ND	ND	4.7	ND	ND	4.8	ND	ND	4.4
Perfluorohexane sulfonic acid (PFHxS)	PFHxS	EPA 533	3 ppt	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Perfluorohexanoic acid (PFHxA)	PFHxA	EPA 533	3 ppt	4.6	ND	ND	5.9	3.9	ND	11	3.6	ND	14	3.1	ND	ND	12
Perfluorononanoic acid (PFNA)	PFNA	EPA 533	4 ppt	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Perfluorooctanesulfonic acid (PFOS)	PFOS	EPA 533	4 ppt	ND	ND	ND	ND	ND	ND	ND	5	ND	ND	4.2	ND	ND	ND
Perfluorooctanoic acid (PFOA)	PFOA	EPA 533	4 ppt	ND	ND	ND	ND	ND	ND	ND	6.1	ND	ND	6.7	ND	ND	5.5
Perfluoropentanesulfonic acid (PFPeS)	PFPeS	EPA 533	4 ppt	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Perfluoropentanoic acid (PFPeA)	PFPeA	EPA 533	3 ppt	6.2	3.5	ND	9	4.5	ND	16	4.2	ND	19	4.5	ND	21	
Perfluoroundecanoic acid (PFUnA)	PFUnA	EPA 533	2 ppt	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-ethyl/perfluorooctanesulfonamidoacetic acid	N-EtFOSAA (NeFOSAA)	EPA 537.1	5 ppt	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-methyl/perfluorooctanesulfonamidoacetic acid	N-MeFOSAA (NMefOSAA)	EPA 537.1	6 ppt	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Perfluorotetradecanoic acid (PFTA)	PFTA	EPA 537.1	8 ppt	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Perfluorotridecanoic acid (PTrDA)	PTrDA	EPA 537.1	7 ppt	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Regulated PFAS

ND = non-detect (below reporting limit)

*Regulatory site code identification numbers

Samples dated 2025/02/13 were collected for 2024 UCMRS

Samples dated 2025/10/14 for site Potomac 2 EP401 were not analyzed due to an administrative error by the contract laboratory

FAIRFAX WATER PFAS TESTING DATA
2024

Sampling Event		Analytical Method	March 2024 (1 of 4)						June 2024 (2 of 4)						August 2024			September 2024 (3 of 4)						October 2024			November 2024			December 2024 (4 of 4)**							
			Regulatory UCMR 5						Regulatory UCMR 5						Non-regulatory			Regulatory UCMR 5						Non-regulatory			Non-regulatory										
			EPA 533 & EPA 537.1						EPA 533 & EPA 537.1						EPA 533 & EPA 537.1			EPA 533 & EPA 537.1						EPA 533 & EPA 537.1			EPA 533 & EPA 537.1										
Site			Reporting						Potomac 1 EP001* Potomac 1 EP002* Potomac 1 EP003* Potomac 1 EP004* Ocoquan EP022* Potomac 2 EP401* Potomac 1 EP001* Potomac 1 EP002* Potomac 1 EP003* Potomac 1 EP004* Ocoquan EP022* Potomac 2 EP401* Potomac 1 EP001* Potomac 1 EP002* Potomac 1 EP003* Potomac 1 EP004* Ocoquan EP022* Potomac 2 EP401* Potomac 1 EP001* Potomac 1 EP002* Potomac 1 EP003* Potomac 1 EP004* Ocoquan EP022* Potomac 2 EP401* Potomac 1 EP001* Potomac 1 EP002* Potomac 1 EP003* Potomac 1 EP004* Ocoquan EP022* Potomac 2 EP401* Potomac 1 EP001* Potomac 1 EP002* Potomac 1 EP003* Potomac 1 EP004* Ocoquan EP022* Potomac 2 EP401* Potomac 1 EP001* Potomac 1 EP002* Potomac 1 EP003* Potomac 1 EP004* Ocoquan EP022* Potomac 2 EP401*						Potomac 1 EP001* Potomac 1 EP002* Potomac 1 EP003* Potomac 1 EP004* Ocoquan EP022* Potomac 2 EP401* Potomac 1 EP001* Potomac 1 EP002* Potomac 1 EP003* Potomac 1 EP004* Ocoquan EP022* Potomac 2 EP401* Potomac 1 EP001* Potomac 1 EP002* Potomac 1 EP003* Potomac 1 EP004* Ocoquan EP022* Potomac 2 EP401* Potomac 1 EP001* Potomac 1 EP002* Potomac 1 EP003* Potomac 1 EP004* Ocoquan EP022* Potomac 2 EP401*						Potomac 1 EP001* Potomac 1 EP002* Potomac 1 EP003* Potomac 1 EP004* Ocoquan EP022* Potomac 2 EP401* Potomac 1 EP001* Potomac 1 EP002* Potomac 1 EP003* Potomac 1 EP004* Ocoquan EP022* Potomac 2 EP401* Potomac 1 EP001* Potomac 1 EP002* Potomac 1 EP003* Potomac 1 EP004* Ocoquan EP022* Potomac 2 EP401*						Potomac 1 EP001* Potomac 1 EP002* Potomac 1 EP003* Potomac 1 EP004* Ocoquan EP022* Potomac 2 EP401* Potomac 1 EP001* Potomac 1 EP002* Potomac 1 EP003* Potomac 1 EP004* Ocoquan EP022* Potomac 2 EP401*										
Analyte			Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result				
			ppt	ppt	ppt	ppt	ppt	ppt	ppt	ppt	ppt	ppt	ppt	ppt	ppt	ppt	ppt	ppt	ppt	ppt	ppt	ppt	ppt	ppt	ppt	ppt	ppt	ppt	ppt	ppt	ppt	ppt	ppt				
10:2 Fluorotelomer sulfonic acid (10:2 FTS)			
4:2 Fluorotelomer sulfonic acid (4:2 FTS)		3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
6:2 Fluorotelomer sulfonic acid (6:2 FTS)		5.0	9.2	10.1	9.1	9.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
8:2 Fluorotelomer sulfonic acid (8:2 FTS)		5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
ADONA		3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
9Cl-PF3ONS		2.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
11Cl-PF3OuS		5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
HFPO-DA/GenX		5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
Nafion Byproduct 1			
Nafion Byproduct 2			
N-ethylperfluooctane sulfonamide (NEFOUSA)		NEFOUSA		
N-ethylperfluooctane sulfonamidoethanol		NEFOSE		
N-methylperfluooctane sulfonamide (NMFOUSA)		NMFOUSA		
N-methylperfluooctane sulfonamidoethanol		NMFOSE		
Perfluorobutanesulfonic acid (PBBS)		PBBS	3.0	ND	ND	ND	ND	3.6	ND	ND	ND	ND	5.1	ND	ND	9.1	ND	ND	ND	ND	8.1	3.4	ND	8.6	ND	ND	NA	NA	NA	NA	NA	NA	7.0	NA			
Perfluorobutanoic acid (PFBBA)		PFBBA	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	9.6	ND	ND	19	ND	ND	ND	ND	17.5	ND	ND	17	ND	ND	22	ND	NA	NA	NA	NA	17.6	NA			
Perfluorodecanoic acid (PFDA)		PFDA	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
Perfluorodeheptanoic acid (PFHpA)		PFHpA	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.9	ND	ND	6.4	ND	ND	ND	ND	5.6	ND	ND	5.7	ND	ND	5.4	ND	NA	NA	NA	NA	4.9	NA			
Perfluorohexanesulfonic acid (PFHxS)		PFHxS	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
Perfluorohexanoic acid (PFHxA)		PFHxA	3.0	4.3	4.5	4.1	4.3	5.7	ND	ND	ND	ND	9.6	ND	ND	19	ND	ND	ND	ND	17.1	4.0	ND	14	ND	ND	16	3.0	NA	NA	NA	NA	NA	13.6	NA		
Perfluorododecanoic acid (PFDoDA)		PFDoDA	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
Perfluorononanoic acid (PFNA)		PFNA	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
Perfluorooctanesulfonic acid (PFOS)		PFOS	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.7	ND	ND	6.3	ND	ND	ND	ND	5.7	ND	ND	6.0	ND	ND	4.9	ND	NA	NA	NA	NA	NA	NA		
N-ethyl Perfluorooctanesulfonamidoacetic acid		NEFOSSA	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
N-methyl Perfluorooctanesulfonamidoacetic acid		NMFOSSA	6.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
Perfluorooctanoic acid (POFO)		POFO	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
Perfluorotridecanoic acid (PTrDA)		PTrDA	7.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
Perfluoroundecanoic acid (PfUuNA)		PfUuNA	2.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
Perfluorododecanesulfonic acid (PFDoS)		PFDoS	
Perfluorodecanesulfonic acid (PFDS)		PFDS
Perfluorohexanesulfonic acid (PFHxS)		PFHxS	3.0	ND	ND	ND	ND	ND																													

FAIRFAX WATER PFAS TESTING DATA

2022 - 2023

NR = Non-regulatory, voluntary; R = Regulatory

ND = non-detect (below reporting limit)

ND = non-detect (below reporting limit)

Last updated 3/18/2024

The reporting limits for the results in this table range from 1.8 - 2.2 ppt

FAIRFAX WATER PFAS TESTING DATA

2013 - 2021

Sampling Event		May/July 2021					April 2021			UCMR 3 2013-2015				November 2020			
		VDH Occurrence Study			(Non-regulatory)		(Regulatory)			(Non-regulatory)							
Analytical Method		EPA Method 533					EPA Method 533			EPA Method 537				Method L402 ¹			
		Min Rep Level	Occoquan Finished	Min Rep Level	Potomac Finished 1	Potomac Finished 2	Min Rep Level	Potomac Finished	Occoquan Finished	Min Rep Level	Potomac Finished 1*	Occoquan Finished	Potomac Finished 2	Min Rep Level	Potomac Finished*	Occoquan Finished*	Potomac Finished 2*
Site	Analyte	MRL	Result	MDL	Result	Result	MRL	Result	Result	MRL	Result	Result	Result	MRL	Result	Result	Result
		ppt	ppt	ppt	ppt	ppt	ppt	ppt	ppt	ppt	ppt	ppt	ppt	ppt	ppt	ppt	ppt
10:2 Fluorotelomer sulfonic acid (10:2 FTS)		---	---	---	---	---	---	---	---	---	---	---	---	2	ND	ND	ND
4:2 Fluorotelomer sulfonic acid (4:2 FTS)		3.9	ND	3.7	ND	ND	2	ND	ND	---	---	---	---	2	ND	ND	ND
6:2 Fluorotelomer sulfonic acid (6:2 FTS)		3.9	ND	3.7	ND	ND	2	ND	2.8	---	---	---	---	2	ND	ND	ND
8:2 Fluorotelomer sulfonic acid (8:2 FTS)		3.9	ND	3.7	ND	ND	2	ND	ND	---	---	---	---	2	ND	ND	ND
ADONA		3.9	ND	3.7	ND	ND	2	ND	ND	---	---	---	---	2	ND	ND	ND
9Cl-PF30NS		3.9	ND	3.7	ND	ND	2	ND	ND	---	---	---	---	2	ND	ND	ND
11Cl-PF30UDS		3.9	ND	3.7	ND	ND	2	ND	ND	---	---	---	---	2	ND	ND	ND
HFPO-DA/GenX		3.9	ND	3.7	ND	ND	2	ND	ND	---	---	---	---	5	ND	ND	ND
Nafion Byproduct 1		---	---	---	---	---	---	---	---	---	---	---	---	5	ND	ND	ND
Nafion Byproduct 2		---	---	---	---	---	---	---	---	---	---	---	---	5	ND	ND	ND
N-ethylperfluoroctane sulfonamide (NETFOSA)	NETFOSA	---	---	---	---	---	---	---	---	---	---	---	---	2	ND	ND	ND
N-ethylperfluoroctane sulfonamidoethanol	NETFOSE	---	---	---	---	---	---	---	---	---	---	---	---	2	ND	ND	ND
N-methylperfluoroctane sulfonamide (NMeFOSA)	NMeFOSA	---	---	---	---	---	---	---	---	---	---	---	---	2	ND	ND	ND
N-methylperfluoroctane sulfonamidoethanol	NMeFOSE	---	---	---	---	---	---	---	---	---	---	---	---	2	ND	ND	ND
Perfluorobutanesulfonic acid (PFBs)	PFBs	3.9	5.6	3.7	ND	ND	2	ND	3.9	90	ND	ND	ND	2	2.6	2.6	2.5
Perfluorobutanoic acid (PFBA)	PFBA	3.9	7.7	3.7	ND	4.3	2	2.1	6.9	---	---	---	---	5	5.2	8.2	ND
Perfluorodecanoic acid (PFDA)	PFDA	3.9	ND	3.7	ND	ND	2	ND	ND	---	---	---	---	2	ND	ND	ND
Perfluoroheptanoic acid (PFHpA)	PFHpA	3.9	4.4	3.7	ND	1.3	2	ND	3.3	10	ND	ND	ND	2	ND	2.4	ND
Perfluorohexanesulfonic acid (PFHxS)	PFHxS	3.9	2.0	3.7	ND	ND	2	ND	ND	30	ND	ND	ND	2	ND	ND	ND
Perfluorohexanoic acid (PFHxA)	PFHxA	3.9	12	3.7	ND	4.4	2	ND	7.8	---	---	---	---	2	3.6	4.2	4.1
Perfluorododecanoic acid (PFDoA)	PFDoA	3.9	ND	3.7	ND	ND	2	ND	ND	---	---	---	---	2	ND	ND	ND
Perfluorononanoic acid (PFNA)	PFNA	3.9	ND	3.7	ND	ND	2	ND	ND	20	ND	ND	ND	2	ND	ND	ND
Perfluoroctanesulfonic acid (PFOS)	PFOS	3.9	5.1	3.7	ND	ND	2	ND	3.7	40	ND	ND	ND	2	2.3	4.3	3.3
N-ethyl Perfluoroctanesulfonamidoacetic acid	NETFOSAA	---	---	---	---	---	---	---	---	---	---	---	---	2	ND	ND	ND
N-methyl Perfluoroctanesulfonamidoacetic acid	NMeFOSAA	---	---	---	---	---	---	---	---	---	---	---	---	2	ND	ND	ND
Perfluorooctanoic acid (PFOA)	PFOA	3.9	5.5	3.7	ND	ND	2	ND	4.3	20	ND	ND	ND	2	2.4	3.6	3.0
Perfluorotridecanoic acid (PFTrDA)	PFTrDA	---	---	---	---	---	---	---	---	---	---	---	---	2	ND	ND	ND
Perfluoroundecanoic acid (PFUnA)	PFUnA	3.9	ND	3.7	ND	ND	2	ND	ND	---	---	---	---	2	ND	ND	ND
Perfluorododecanesulfonic acid (PFDoS)	PFDoS	---	---	---	---	---	---	---	---	---	---	---	---	2	ND	ND	ND
Perfluorododecanesulfonic acid (PFDS)	PFDS	---	---	---	---	---	---	---	---	---	---	---	---	2	ND	ND	ND
Perfluoroheptanesulfonic acid (PFHpS)	PFHpS	3.9	ND	3.7	ND	ND	2	ND	ND	---	---	---	---	2	ND	ND	ND
Perfluorohexadecanoic acid (PFHxDA)	PFHxDA	---	---	---	---	---	---	---	---	---	---	---	---	2	ND	ND	ND
Nonfluoro-3,6-dioxaheptanoic acid (NFDHA)	NFDHA	3.9	ND	3.7	ND	ND	2	ND	ND	---	---	---	---	5	ND	ND	ND
Perfluoro-4-isopropoxybutanoic acid		---	---	---	---	---	---	---	---	---	---	---	---	5	ND	ND	ND
Perfluoro-2-methoxybutanoic acid		---	---	---	---	---	---	---	---	---	---	---	---	5	ND	ND	ND
Perfluoro-4-methoxybutanoic acid (PFMBA)	PFMBA	3.9	ND	3.7	ND	ND	2	ND	ND	---	---	---	---	5	ND	ND	ND
Perfluoro-3-methoxypropanoic acid (PFMPA)	PFMPA	3.9	ND	3.7	ND	ND	2	ND	ND	---	---	---	---	5	ND	ND	ND
Perfluorononanesulfonic acid (PFNS)	PFNS	---	---	---	---	---	---	---	---	---	---	---	---	2	ND	ND	ND
Perfluoro(3,5-dioxaheptanoic) acid		---	---	---	---	---	---	---	---	---	---	---	---	5	ND	ND	ND
Perfluoro(3,5,7-trioxaoctanoic) acid		---	---	---	---	---	---	---	---	---	---	---	---	5	ND	ND	ND
Perfluoro(3,5,7,9-tetraoxadecanoic) acid		---	---	---	---	---	---	---	---	---	---	---	---	5	ND	ND	ND
Perfluoroctane sulfonamide (PFOSA)	PFOSA	---	---	---	---	---	---	---	---	---	---	---	---	2	ND	ND	ND
Perfluoropentanoic acid (PFPeA)	PFPeA	3.9	14	3.7	ND	4.2	2	ND	9.0	---	---	---	---	2	4.8	5.7	5.0
Perfluoropentanesulfonic acid (PFPeS)	PFPeS	3.9	ND	3.7	ND	ND	2	ND	ND	---	---	---	---	2	ND	ND	ND
Perfluorotetradecanoic acid (PFTeDA or PFTA)	PFTeDA/PFTA	---	---	---	---	---	---	---	---	---	---	---	---	2	ND	ND	ND
Perfluor(2-ethoxyethane) sulfonic acid (PFEESA)	PFEESA	3.9	ND	3.7	ND	ND	2	ND	ND	---	---	---	---	---	---	---	---

¹Multiple sites sampled; Highest single result reported

NR = Non-regulatory, voluntary; R = Regulatory

ND = non-detect (below reporting limit)

Last updated 1/27/2023

¹Method L402 is a proprietary method and is not an EPA-approved method for PFAS testing

MRL = Minimum Reporting Level, lowest level that can be accurately measured and reported by the method