Fairfax Water PFAS Testing Data
2026

Sampling Event (YYYY/MM/DD)					2026/01/13	2026/01/13	2026/01/13	2026/02/10	2026/02/10	2026/02/10	2026/03/10	2026/03/10	2026/03/10	2026/04/14	2026/04/14	2026/04/14	2026/05/12	2026/05/12	2026/05/12	2026/06/09	2026/06/09	2026/06/09	2026/07/14	2026/07/14
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 2 EP401*	Potomac 1 EP001*	Occoquan EP022*	Potomac 2 EP401*	Potomac 1 EP001*	Occoquan EP022*	Potomac 2 EP401*	Potomac 1 EP001*
Analyte	Analyte Code	Analytical Method	Reporting Limit	Units																				
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonicacid	11Cl-PF3OUdS (F53B Major)	EPA 533	5	ppt	ND	ND	ND	ND	ND	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	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	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	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	ND	ND	ND	ND	ND
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	9Cl-PF3ONS (F53B Minor)	EPA 533	2	ppt	ND	ND	ND	ND	ND	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	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	ND	ND	ND	ND	ND
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	PFEESA	EPA 533	3	ppt	ND	ND	ND	ND	ND	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	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	ND	ND	ND	ND	ND
Perfluorobutanesulfonic acid (PFBS)	PFBS	EPA 533	3	ppt	ND	ND	7.2	ND	ND	5.2	ND	ND	4.8	ND	ND	4.8	ND	ND	4.9	ND	ND	4.9	ND	ND
Perfluorobutanoic acid (PFBA)	PFBA	EPA 533	5	ppt	ND	ND	23	ND	ND	17	ND	ND	12	ND	ND	8.1	ND	ND	ND	ND	ND	10	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	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	ND	ND	ND	ND	ND
Perfluoroheptanesulfonic acid (PFHpS)	PFHpS	EPA 533	3	ppt	ND	ND	ND	ND	ND	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	4.8	ND	ND	4.6	ND	ND	3.7	ND	ND	3.4	ND	ND	4.6	ND	ND	3.6	ND	ND
Perfluorohexanesulfonic acid (PFHxS)	PFHxS	EPA 533	3	ppt	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.8	ND	ND	ND	ND	ND
Perfluorohexanoic acid (PFHxA)	PFHxA	EPA 533	3	ppt	ND	ND	14	ND	4.2	14	ND	ND	7.7	ND	ND	7.6	ND	ND	7.8	ND	ND	8.2	3.4	ND
Perfluorononanoic acid (PFNA)	PFNA	EPA 533	4	ppt	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Perfluorooctanesulfonic acid (PFOS)	PFOS	EPA 533	4	ppt	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.8	ND	ND	ND	ND	ND	4.1	ND	ND
Perfluorooctanoic acid (PFOA)	PFOA	EPA 533	4	ppt	ND	ND	6.8	ND	ND	5.8	ND	ND	4.9	ND	ND	5.1	ND	ND	6.7	ND	ND	4.7	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	ND	ND	ND	ND	ND
Perfluoropentanoic acid (PFPeA)	PFPeA	EPA 533	3	ppt	3.5	ND	20	ND	4.8	16	ND	3.2	10	ND	ND	12	ND	ND	ND	ND	ND	9.2	4.3	ND
Perfluoroundecanoic acid (PFUnA)	PFUnA	EPA 533	2	ppt	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-ethylperfluorooctanesulfonamidoacetic acid	N-EtFOSAA (NEtFOSAA)	EPA 537.1	5	ppt	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-methylperfluorooctanesulfonamidoacetic acid	N-MeFOSAA (NMeFOSAA)	EPA 537.1	6	ppt	ND	ND	ND	ND	ND	ND	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	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	ND	ND	ND	ND	ND

EPA narrowed national PFAS drinking-water regulatory analytes to PFOA and PFOS while rescinding earlier determinations for PFHxS, PFNA, HFPO-DA (GenX), and PFBS

Regulated PFAS

*Regulatory site code identifcation numbers

ND = non-detect (below reporting limit)

Fairfax Water PFAS Testing Data
2026

Sampling Event (YYYY/MM/DD)					2026/07/14	2026/08/11	2026/08/11	2026/08/11	2026/09/08	2026/09/08	2026/09/08
Site					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-Chloroeicosafluoro-3-oxaundecane-1-sulfonicacid	11Cl-PF3OUdS (F53B Major)	EPA 533	5	ppt	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
1H,1H,2H,2H-Perfluorohexane sulfonic acid	4:2 FTS	EPA 533	3	ppt	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
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ADONA	EPA 533	3	ppt	ND	ND	ND	ND	ND	ND	ND
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	9Cl-PF3ONS (F53B Minor)	EPA 533	2	ppt	ND	ND	ND	ND	ND	ND	ND
Hexafluoropropylene Oxide Dimer Acid	HFPO-DA	EPA 533	5	ppt	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
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	PFEESA	EPA 533	3	ppt	ND	ND	ND	ND	ND	ND	ND
Perfluoro-3-methoxypropanoic acid (PFMPA)	PFMPA	EPA 533	4	ppt	ND	ND	ND	ND	ND	ND	ND
Perfluoro-4-methoxybutanoic acid (PFMBA)	PFMBA	EPA 533	3	ppt	ND	ND	ND	ND	ND	ND	ND
Perfluorobutanesulfonic acid (PFBS)	PFBS	EPA 533	3	ppt	4.7	ND	ND	4.8	ND	ND	5.2
Perfluorobutanoic acid (PFBA)	PFBA	EPA 533	5	ppt	11	ND	ND	11	ND	ND	11
Perfluorodecanoic acid (PFDA)	PFDA	EPA 533	3	ppt	ND	ND	ND	ND	ND	ND	ND
Perfluorododecanoic acid (PFDoA)	PFDoA	EPA 533	3	ppt	ND	ND	ND	ND	ND	ND	ND
Perfluoroheptanesulfonic acid (PFHpS)	PFHpS	EPA 533	3	ppt	ND	ND	ND	ND	ND	ND	ND
Perfluoroheptanoic acid (PFHpA)	PFHpA	EPA 533	3	ppt	3.6	ND	ND	3.3	ND	ND	3
Perfluorohexanesulfonic acid (PFHxS)	PFHxS	EPA 533	3	ppt	ND	ND	ND	ND	ND	ND	ND
Perfluorohexanoic acid (PFHxA)	PFHxA	EPA 533	3	ppt	6.8	3.3	ND	7.7	3.1	ND	8.1
Perfluorononanoic acid (PFNA)	PFNA	EPA 533	4	ppt	ND	ND	ND	ND	ND	ND	ND
Perfluorooctanesulfonic acid (PFOS)	PFOS	EPA 533	4	ppt	4.2	ND	ND	5	ND	ND	4.6
Perfluorooctanoic acid (PFOA)	PFOA	EPA 533	4	ppt	4.7	ND	ND	4.7	ND	ND	ND
Perfluoropentanesulfonic acid (PFPeS)	PFPeS	EPA 533	4	ppt	ND	ND	ND	ND	ND	ND	ND
Perfluoropentanoic acid (PFPeA)	PFPeA	EPA 533	3	ppt	8.9	4.3	3.4	11	3.6	3.2	11
Perfluoroundecanoic acid (PFUnA)	PFUnA	EPA 533	2	ppt	ND	ND	ND	ND	ND	ND	ND
N-ethylperfluorooctanesulfonamidoacetic acid	N-EtFOSAA (NEtFOSAA)	EPA 537.1	5	ppt	ND	ND	ND	ND	ND	ND	ND
N-methylperfluorooctanesulfonamidoacetic acid	N-MeFOSAA (NMeFOSAA)	EPA 537.1	6	ppt	ND	ND	ND	ND	ND	ND	ND
Perfluorotetradecanoic acid (PFTA)	PFTA	EPA 537.1	8	ppt	ND	ND	ND	ND	ND	ND	ND
Perfluorotridecanoic acid (PFTrDA)	PFTrDA	EPA 537.1	7	ppt	ND	ND	ND	ND	ND	ND	ND

EPA narrowed national PFAS drinking-water regulatory analytes to PFOA and PFOS while rescinding earlier determinations for PFHxS, PFNA

Regulated PFAS

*Regulatory site code identifcation numbers

ND = non-detect (below reporting limit)

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-Chloroeicosafluoro-3-oxaundecane-1-sulfonicacid	11Cl-PF3OUdS (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-PF3ONS (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 (PFEESA)	PFEESA	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	5.5	ND	ND	ND	ND	ND	ND	ND	3.9	ND	ND	3.1
Perfluorobutanoic acid (PFBA)	PFBA	EPA 533	5	ppt	ND	ND	15	ND	ND	ND	ND	ND	ND	ND	6.5	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
Perfluorododecanoic acid (PFDoA)	PFDoA	EPA 533	3	ppt	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Perfluoroheptanesulfonic 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	4.4	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
Perfluorohexanoic acid (PFHxA)	PFHxA	EPA 533	3	ppt	ND	ND	12	ND	ND	ND	ND	ND	ND	ND	5.1	ND	ND	4
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	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
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	14	ND	ND	ND	ND	ND	ND	ND	7.1	ND	ND	4.7
Perfluoroundecanoic acid (PFUnA)	PFUnA	EPA 533	2	ppt	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-ethylperfluorooctanesulfonamidoacetic acid	N-EtFOSAA (NEtFOSAA)	EPA 537.1	5	ppt	ND	ND	ND						ND	ND	ND	ND	ND	ND
N-methylperfluorooctanesulfonamidoacetic acid	N-MeFOSAA (NMeFOSAA)	EPA 537.1	6	ppt	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
Perfluorotridecanoic acid (PFTrDA)	PFTrDA	EPA 537.1	7	ppt	ND	ND	ND						ND	ND	ND	ND	ND	ND

Regulated PFAS

ND = non-detect (below reporting limit)

*Regulatory site code identifcation numbers

Samples dated 2025/02/13 were collected for 2024 UCMR5

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	2025/05/13	2025/06/10	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 2 EP401*	Potomac 1 EP001*
Analyte	Analyte Code	Analytical Method	Reporting Limit	Units														
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonicacid	11Cl-PF3OUdS (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	7.1	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-PF3ONS (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 (PFEESA)	PFEESA	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 (PFBA)	PFBA	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
Perfluoroheptanesulfonic 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
Perfluorohexanesulfonic 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	4.1	ND	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-ethylperfluorooctanesulfonamidoacetic acid	N-EtFOSAA (NEtFOSAA)	EPA 537.1	5	ppt	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-methylperfluorooctanesulfonamidoacetic 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 (PFTrDA)	PFTrDA	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 identifcation numbers

Samples dated 2025/02/13 were collected for 2024 UCMR5

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	2025/10/14	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-Chloroeicosafluoro-3-oxaundecane-1-sulfonicacid	11Cl-PF3OUdS (F53B Major)	EPA 533	5	ppt	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
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
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
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
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	9Cl-PF3ONS (F53B Minor)	EPA 533	2	ppt	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
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NFDHA	EPA 533	20	ppt	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	PFEESA	EPA 533	3	ppt	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
Perfluoro-4-methoxybutanoic acid (PFMBA)	PFMBA	EPA 533	3	ppt	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	3.4	ND	6	ND	ND	7.2	ND	ND	6.5
Perfluorobutanoic acid (PFBA)	PFBA	EPA 533	5	ppt	6.5	ND	ND	7.8	ND	ND	16	ND	ND	19	ND	ND	18
Perfluorodecanoic acid (PFDA)	PFDA	EPA 533	3	ppt	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
Perfluoroheptanesulfonic acid (PFHpS)	PFHpS	EPA 533	3	ppt	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	ND	4.7	ND	ND	4.8	ND	ND	4.4
Perfluorohexanesulfonic acid (PFHxS)	PFHxS	EPA 533	3	ppt	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	12
Perfluorononanoic acid (PFNA)	PFNA	EPA 533	4	ppt	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	5	ND	ND	4.2	ND	ND	ND
Perfluorooctanoic acid (PFOA)	PFOA	EPA 533	4	ppt	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
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
N-ethylperfluorooctanesulfonamidoacetic acid	N-EtFOSAA (NEtFOSAA)	EPA 537.1	5	ppt	ND	ND	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND
N-methylperfluorooctanesulfonamidoacetic acid	N-MeFOSAA (NMeFOSAA)	EPA 537.1	6	ppt	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
Perfluorotridecanoic acid (PFTrDA)	PFTrDA	EPA 537.1	7	ppt	ND	ND	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND

Regulated PFAS

ND = non-detect (below reporting limit)

*Regulatory site code identifcation numbers

Samples dated 2025/02/13 were collected for 2024 UCMR5

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			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)**						
Analytical Method			Regulatory UCMR 5						Regulatory UCMR 5						Non-regulatory			Regulatory UCMR 5						Non-regulatory			Non-regulatory			Regulatory UCMR 5						
			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			EPA 533 & EPA 537.1						
Site		Reporting Limits	Potomac 1 EP001*	Potomac 1 EP002*	Potomac 1 EP003*	Potomac 1 EP004*	Occoquan EP022*	Potomac 2 EP401*	Potomac 1 EP001*	Potomac 1 EP002*	Potomac 1 EP003*	Potomac 1 EP004*	Occoquan EP022*	Potomac 2 EP401*	Potomac 1 EP001*	Occoquan EP022*	Potomac 2 EP401*	Potomac 1 EP001*	Potomac 1 EP002*	Potomac 1 EP003*	Potomac 1 EP004*	Occoquan EP022*	Potomac 2 EP401*	Potomac 1 EP001*	Occoquan EP022*	Potomac 2 EP401*	Potomac 1 EP001*	Occoquan EP022*	Potomac 2 EP401*	Potomac 1 EP001*	Potomac 1 EP002*	Potomac 1 EP003*	Potomac 1 EP004*	Occoquan EP022*	Potomac 2 EP401*
Analyte		ppt	Result ppt	Result ppt	Result ppt	Result ppt	Result ppt	Result ppt	Result ppt	Result ppt	Result ppt	Result ppt	Result ppt	Result ppt	Result ppt	Result ppt	Result ppt	Result ppt	Result ppt	Result ppt	Result ppt	Result ppt	Result ppt	Result ppt	Result ppt	Result ppt	Result ppt	Result ppt	Result ppt	Result ppt	Result ppt	Result ppt	Result ppt	Result ppt	Result ppt	Result 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	ND	NA
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	ND	NA
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	ND	NA
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	ND	NA
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	ND	NA
11Cl-PF3OUdS		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	ND	NA
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	ND	NA
Nafion Byproduct 1		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Nafion Byproduct 2		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
N-ethylperfluorooctane sulfonamide (NEtFOSA)	NEtFOSA	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
N-ethylperfluorooctane sulfonamidoethanol	NEtFOSE	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
N-methylperfluorooctane sulfonamide (NMeFOSA)	NMeFOSA	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
N-methylperfluorooctane sulfonamidoethanol	NMeFOSE	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Perfluorobutanesulfonic acid (PFBS)	PFBS	3.0	ND	ND	ND	ND	3.6	ND	ND	ND	ND	ND	5.1	ND	ND	9.1	ND	ND	ND	ND	ND	8.1	3.4	ND	8.6	ND	ND	8.6	ND	NA	NA	NA	NA	7.0	NA
Perfluorobutanoic acid (PFBA)	PFBA	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	9.6	ND	ND	19	ND	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	NA	NA	NA	NA	ND	NA
Perfluoroheptanoic acid (PFHpA)	PFHpA	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.9	ND	ND	6.4	ND	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	2.7	ND	ND	ND	ND	NA	NA	NA	NA	ND	NA
Perfluorohexanoic acid (PFHxA)	PFHxA	3.0	4.3	4.5	4.1	4.3	5.7	ND	ND	ND	ND	ND	9.6	ND	ND	19	ND	3.0	ND	ND	ND	17.1	4.0	ND	14	ND	ND	16	3.0	NA	NA	NA	NA	13.6	NA
Perfluorododecanoic acid (PFDoA)	PFDoA	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	NA	NA	NA	NA	ND	NA
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	NA	NA	NA	NA	ND	NA
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	ND	5.7	ND	ND	6.0	ND	ND	4.9	ND	NA	NA	NA	NA	ND	NA
N-ethyl Perfluorooctanesulfonamidoacetic acid	NEtFOSAA	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	ND	ND
N-methyl Perfluorooctanesulfonamidoacetic acid	NMeFOSAA	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	ND	ND
Perfluorooctanoic acid (PFOA)	PFOA	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.0	ND	ND	7.5	ND	ND	ND	ND	ND	7.4	ND	ND	7.5	ND	ND	7.3	ND	NA	NA	NA	NA	6.1	NA
Perfluorotridecanoic acid (PFTrDA)	PFTrDA	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	ND	ND
Perfluoroundecanoic acid (PFUnA)	PFUnA	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	NA	NA	NA	NA	ND	NA
Perfluorododecanesulfonic acid (PFDoS)	PFDoS	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Perfluorodecanesulfonic acid (PFDS)	PFDS	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Perfluoroheptanesulfonic acid (PFHpS)	PFHpS	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	NA	NA	NA	NA	ND	NA
Perfluorohexadecanoic acid (PFHxDA)	PFHxDA	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NFDHA	20.0	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	NA	NA	NA	NA	ND	NA
Perfluoro-4-isopropoxybutanoic acid		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Perfluoro-2-methoxyacetic acid		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Perfluoro-4-methoxybutanoic acid (PFMBA)	PFMBA	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	NA	NA	NA	NA	ND	NA
Perfluoro-3-methoxypropanoic acid (PFMPA)	PFMPA	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	NA	NA	NA	NA	ND	NA
Perfluorononanesulfonic acid (PFNS)	PFNS	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Perfluoro(3,5-dioxahexanoic) acid		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Perfluoro(3,5,7-trioxaoctanoic) acid		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Perfluoro(3,5,7,9-tetraoxadecanoic) acid		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Perfluorooctane sulfonamide (PFOSA)	PFOSA	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Perfluoropentanoic acid (PFPeA)	PFPeA	3.0	4.7	4.2	4.2	4.4	6.3	ND	ND	ND	ND	ND	10.7	ND	ND	22	ND	3.2	ND	ND	ND	21.5	4.8	3.2	20	ND	ND	20	3.9	NA	NA	NA	NA	17.7	NA
Perfluoropentanesulfonic acid (PFPeS)	PFPeS	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	NA	NA	NA	NA	ND	NA
Perfluorotetradecanoic acid (PFTeDA or PFTA)	PFTeDA/PFTA	8.0	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	ND	ND
Perfluor(2-ethoxyethane) sulfonic acid (PFEESA)	PFEESA	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	NA	NA	NA	NA	ND	NA

Regulated PFAS

ND = non-detect (below reporting limit)

*Regulatory site code identifcation numbers

**Due to laboratory issues, Potomac 1 (EP001, EP002, EP003 & EP004) & Potomac 2 (EP401) samples taken in December 2024 were only analyzed for EPA Method 537.1. Acceptable samples were retaken in February 2025 and results are included in the 2025 table.

Report Date 2/25/2025

FAIRFAX WATER PFAS TESTING DATA
2022 - 2023

Sampling Event		December 2023 (non-reg)			October 2023	September 2023			June 2023		March 2023			December 2022			September 2022			July 2022		
		(Non-regulatory)			VDH Occurrence Study	(Non-regulatory)			VDH Occurrence Study		(Non-regulatory)			(Non-regulatory)			(Non-regulatory)			(Non-regulatory)		
Analytical Method		EPA Method 533 & EPA 537.1			Method 533	EPA Method 533 & EPA Method 537.1			EPA Method 533		EPA Method 533 & EPA Method 537.1			EPA Method 533 & EPA Method 537.1			EPA Method 533 & EPA Method 537.1			EPA Method 533 & EPA Method 537.1		
Site		Potomac Finished 1	Occoquan Finished	Potomac Finished 2	Occoquan Finished	Potomac Finished 1	Occoquan Finished	Potomac Finished 2	Potomac Finished 1	Occoquan Finished	Potomac Finished 1	Occoquan Finished	Potomac Finished 2	Potomac Finished 1	Occoquan Finished	Potomac Finished 2	Potomac Finished 1	Occoquan Finished	Potomac Finished 2	Potomac Finished 1	Occoquan Finished	Potomac Finished 2
		Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Analyte		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)		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)		ND	2.4	ND	ND	ND	3.2	ND	ND	2.2	ND	3.5	ND	ND	1.9	ND	ND	ND	ND	ND	2.1	ND
8:2 Fluorotelomer sulfonic acid (8:2 FTS)		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ADONA		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
9Cl-PF3ONS		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11Cl-PF3OUdS		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
HFPO-DA/GenX		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-ethylperfluorooctane sulfonamide (NEtFOSA)	NEtFOSA	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
N-ethylperfluorooctane sulfonamidoethanol	NEtFOSE	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
N-methylperfluorooctane sulfonamide (NMeFOSA)	NMeFOSA	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
N-methylperfluorooctane sulfonamidoethanol	NMeFOSE	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Perfluorobutanesulfonic acid (PFBS)	PFBS	ND	8.6	3.0	ND	3.5	10	3.5	ND	5.0	ND	4.5	ND	2.7	6.8	2.2	2.3	6.7	2.2	2.2	6.2	2.6
Perfluorobutanoic acid (PFBA)	PFBA	ND	20	4.8	ND	3.8	17	6.8	ND	14	ND	8.1	ND	2.7	15	3.4	ND	16	ND	2.5	14	3.7
Perfluorodecanoic acid (PFDA)	PFDA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Perfluoroheptanoic acid (PFHpA)	PFHpA	ND	6.6	ND	ND	ND	7.0	ND	ND	3.9	ND	3.2	ND	ND	4.9	ND	ND	4.7	ND	ND	5.4	ND
Perfluorohexanesulfonic acid (PFHxS)	PFHxS	ND	2.6	2.0	ND	ND	2.6	ND	ND	1.9	ND	1.8	ND	ND	ND	ND	ND	ND	ND	ND	2.1	ND
Perfluorohexanoic acid (PFHxA)	PFHxA	2.4	18	4.9	ND	4.7	21	5.3	ND	9.3	ND	8.9	2.2	3.6	14	2.8	2.2	14	2.7	2.7	13	3.4
Perfluorododecanoic acid (PFDoA)	PFDoA	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	ND	2.1	ND	ND	ND	2.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Perfluorooctanesulfonic acid (PFOS)	PFOS	ND	4.8	2.0	ND	3.4	6.2	3.8	ND	3.5	ND	3.0	1.9	2.3	3.7	2.0	2.6	3.8	2.6	2.6	5.1	3.7
N-ethyl Perfluorooctanesulfonamidoacetic acid	NEtFOSAA	ND	ND	ND	---	ND	ND	ND	---	---	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-methyl Perfluorooctanesulfonamidoacetic acid	NMeFOSAA	ND	ND	ND	---	ND	ND	ND	---	---	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Perfluorooctanoic acid (PFOA)	PFOA	2.0	7.9	2.9	ND	3.2	8.7	3.8	ND	3.9	ND	3.7	ND	1.9	5.7	1.9	1.8	5.7	2.1	ND	5.8	3.0
Perfluorotridecanoic acid (PFTrDA)	PFTrDA	ND	ND	ND	---	ND	ND	ND	---	---	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Perfluoroundecanoic acid (PFUnA)	PFUnA	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	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Perfluoroheptanesulfonic acid (PFHpS)	PFHpS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Perfluorohexadecanoic acid (PFHxDA)	PFHxDA	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NFDHA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Perfluoro-4-isopropoxybutanoic acid		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Perfluoro-2-methoxyacetic acid		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Perfluoro-4-methoxybutanoic acid (PFMBA)	PFMBA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Perfluoro-3-methoxypropanoic acid (PFMPA)	PFMPA	ND	2.2	ND	ND	ND	2.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Perfluorononanesulfonic acid (PFNS)	PFNS	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Perfluoro(3,5-dioxahexanoic) acid		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Perfluoro(3,5,7-trioxaoctanoic) acid		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Perfluoro(3,5,7,9-tetraoxadecanoic) acid		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Perfluorooctane sulfonamide (PFOSA)	PFOSA	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Perfluoropentanoic acid (PFPeA)	PFPeA	3.0	24	6.5	ND	6.1	28	6.8	ND	11	ND	9.7	2.5	4.7	19	3.5	2.8	20	4.1	3.0	17	4.9
Perfluoropentanesulfonic acid (PFPeS)	PFPeS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Perfluorotetradecanoic acid (PFTeDA or PFTA)	PFTeDA/PFTA	ND	ND	ND	---	ND	ND	ND	---	---	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Perfluor(2-ethoxyethane) sulfonic acid (PFEESA)	PFEESA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NR = Non-regulatory, voluntary; R = Regulatory

ND = non-detect (below reporting limit)

ND = non-detect (below reportir 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

Report Date 5/9/2024

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]			
Site		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*
		MRL	Result	MDL	Result	Result	MRL	Result	Result	MRL	Result	Result	Result	MRL	Result	Result	Result
Analyte		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-PF3ONS		3.9	ND	3.7	ND	ND	2	ND	ND	---	---	---	---	2	ND	ND	ND
11Cl-PF3OUdS		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-ethylperfluorooctane sulfonamide (NEtFOSA)	NEtFOSA	---	---	---	---	---	---	---	---	---	---	---	---	2	ND	ND	ND
N-ethylperfluorooctane sulfonamidoethanol	NEtFOSE	---	---	---	---	---	---	---	---	---	---	---	---	2	ND	ND	ND
N-methylperfluorooctane sulfonamide (NMeFOSA)	NMeFOSA	---	---	---	---	---	---	---	---	---	---	---	---	2	ND	ND	ND
N-methylperfluorooctane 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
Perfluorooctanesulfonic 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 Perfluorooctanesulfonamidoacetic acid	NEtFOSAA	---	---	---	---	---	---	---	---	---	---	---	---	2	ND	ND	ND
N-methyl Perfluorooctanesulfonamidoacetic 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
Perfluorodecanesulfonic 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
Nonafluoro-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-methoxyacetic 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-dioxahexanoic) 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
Perfluorooctane 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	---	---	---	---	---	---	---	---

*Multiple sites sampled; Highest single result reported

NR = Non-regulatory, voluntary; R = Regulatory

ND = non-detect (below reporting limit)

Last updated 1/27/2023

[1]Method L402 is a proprietary method 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