

Patuxent Filtration Plant (Q2_Monitoring)			
Sample date	Per- and polyfluoroalkyl substances (PFAS)	Result (ppt)	MCL/Health Reference Levels
April, 2025	11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	not detected	n/a ¹
	9-chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	not detected	n/a ¹
	4,8-dioxa-3H-perfluorononanoic acid (ADONA)	not detected	n/a ¹
	hexafluoropropylene oxide dimer acid (HFPO DA)	not detected	10 ppt (MCL)
	nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	not detected	n/a ¹
	perfluorobutanoic acid (PFBA)	<1.7	7,000 ppt ⁵
	perfluorobutanesulfonic acid (PFBS)	<1.6	2000 ppt ²
	1H,1H, 2H, 2H-perfluorodecane sulfonic acid (8:2FTS)	not detected	n/a ¹
	perfluorodecanoic acid (PFDA)	not detected	<20 ppt ³
	perfluorododecanoic acid (PFDoA)	not detected	n/a ¹
	perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	not detected	n/a ¹
	perfluoroheptanesulfonic acid (PFHpS)	not detected	n/a ¹
	perfluoroheptanoic acid (PFHpA)	<1.6	<20 ppt ³
	1H,1H, 2H, 2H-perfluorohexane sulfonic acid (4:2FTS)	not detected	n/a ¹
	perfluorohexanesulfonic acid (PFHxS)	<1.6	10 ppt (MCL)
	perfluorohexanoic acid (PFHxA)	1.7	400,000 - 560,000 ppt ⁴
	perfluoro-3-methoxypropanoic acid (PFMPA)	not detected	n/a ¹
	perfluoro-4-methoxybutanoic acid (PFMBA)	not detected	n/a ¹
	perfluorononanoic acid (PFNA)	not detected	10 ppt (MCL)
	1H,1H, 2H, 2H-perfluorooctane sulfonic acid (6:2FTS)	not detected	n/a ¹
	perfluorooctanesulfonic acid (PFOS)	<1.6	4 ppt (MCL)
	perfluorooctanoic acid (PFOA)	<1.6	4 ppt (MCL)
	perfluoropentanoic acid (PFPeA)	2	n/a ¹
	perfluoropentanesulfonic acid (PFPeS)	not detected	n/a ¹
	perfluoroundecanoic acid (PFUnA)	not detected	n/a ¹
	N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	not detected	n/a ¹
	N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	not detected	n/a ¹
	perfluorotetradecanoic acid (PFTA)	not detected	n/a ¹
	perfluorotridecanoic acid (PFTrDA)	not detected	n/a ¹
	Hazard Index = ([HFPO-DAppt] / [10ppt]) + ([PFBSppt] / [2000ppt]) + ([PFNAppt] / [10ppt]) + ([PFHxSppt] / [10.0ppt])	0	<1
	Lithium	not detected	n/a ¹

Definitions

ppt = parts per trillion. One part per trillion is equivalent to one drop of water in 20 olympic-sized swimming pools

Minimum Reporting Level : The lowest concentration at which an analyte can be detected in a sample and its concentration can be reported with a reasonable degree of accuracy and precision

Not Detected : A compound is either not present or present at such low concentrations that it cannot be accurately detected by the analytical method.

MCL : maximum contamination limit

Hazard Index = ([HFPO-DAppt] / [10ppt]) + ([PFBSppt] / [2000ppt]) + ([PFNAppt] / [10ppt]) + ([PFHxSppt] / [10.0ppt]) The Hazard Index (HI) is made up of a sum of fractions. Each fraction compares the

Footnotes

¹ n/a = not applicable. There are no accepted federal standards for these compounds

² Michigan MCL of 420 ppt and 2,100 ppt Ohio EPA Action Level

³ Massachusetts MCL for the sum of the six PFAS compounds known as PFAS-6

⁴ Michigan MCL 400,000 ppt to 560,000 ppt Illinois health advisory level

⁵ Minnesota guidance value of 7,000 ppt

Potomac Filtration Plant (Q2_Monitoring)			
Sample date	Per- and polyfluoroalkyl substances (PFAS)	Result (ppt)	MCL/Health Reference Levels
May, 2025	11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	not detected	n/a ¹
	9-chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	not detected	n/a ¹
	4,8-dioxa-3H-perfluorononanoic acid (ADONA)	not detected	n/a ¹
	hexafluoropropylene oxide dimer acid (HFPO DA)	not detected	10 ppt (MCL)
	nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	not detected	n/a ¹
	perfluorobutanoic acid (PFBA)	4.2	7,000 ppt ⁵
	perfluorobutanesulfonic acid (PFBS)	2.5	2000 ppt ²
	1H,1H, 2H, 2H-perfluorodecane sulfonic acid (8:2FTS)	not detected	n/a ¹
	perfluorodecanoic acid (PFDA)	not detected	<20 ppt ³
	perfluorododecanoic acid (PFDoA)	not detected	n/a ¹
	perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	not detected	n/a ¹
	perfluoroheptanesulfonic acid (PFHpS)	not detected	n/a ¹
	perfluoroheptanoic acid (PFHpA)	2.1	<20 ppt ³
	1H,1H, 2H, 2H-perfluorohexane sulfonic acid (4:2FTS)	not detected	n/a ¹
	perfluorohexanesulfonic acid (PFHxS)	1.9	10 ppt (MCL)
	perfluorohexanoic acid (PFHxA)	4.1	400,000 - 560,000 ppt ⁴
	perfluoro-3-methoxypropanoic acid (PFMPA)	not detected	n/a ¹
	perfluoro-4-methoxybutanoic acid (PFMBA)	not detected	n/a ¹
	perfluorononanoic acid (PFNA)	<1.6	10 ppt (MCL)
	1H,1H, 2H, 2H-perfluorooctane sulfonic acid (6:2FTS)	not detected	n/a ¹
	perfluorooctanesulfonic acid (PFOS)	4.2	4 ppt (MCL)
	perfluorooctanoic acid (PFOA)	3.7	4 ppt (MCL)
	perfluoropentanoic acid (PFPeA)	3.8	n/a ¹
	perfluoropentanesulfonic acid (PFPeS)	not detected	n/a ¹
	perfluoroundecanoic acid (PFUnA)	not detected	n/a ¹
	N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	not detected	n/a ¹
	N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	not detected	n/a ¹
	perfluorotetradecanoic acid (PFTA)	not detected	n/a ¹
	perfluorotridecanoic acid (PFTrDA)	not detected	n/a ¹
	Hazard Index = ([HFPO-DAppt] / [10ppt]) + ([PFBSppt] / [2000ppt]) + ([PFNAppt] / [10ppt]) + ([PFHxSppt] / [10.0ppt])	0	<1
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