Potomac Filtration Plant

Sample date	Per- and polyfluoroalkyl substances (PFAS)	Result (ppt)	Minimum Reporting Level (ppt)	Health Reference Levels
March, 2023	11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	not detected	5.0	*n/a* [1]
	9-chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	not detected	2.0	*n/a* [1]
	4,8-dioxa-3H-perfluorononanoic acid (ADONA)	not detected	3.0	*n/a* [1]
	hexafluoropropylene oxide dimer acid (HFPO DA)	not detected	5.0	*10-370 ppt* [9]
	nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	not detected	20.0	*n/a* [1]
	perfluorobutanoic acid (PFBA)	not detected	5.0	*7,000 ppt* [10]
	perfluorobutanesulfonic acid (PFBS)	not detected	3.0	*420 -2,100 ppt* [2]
	1H,1H, 2H, 2H-perfluorodecane sulfonic acid (8:2FTS)	not detected	5.0	*n/a* [1]
	perfluorodecanoic acid (PFDA)	not detected	3.0	*<20 ppt* [3]
	perfluorododecanoic acid (PFDoA)	not detected	3.0	*n/a* [1]
	perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	not detected	3.0	*n/a* [1]
	perfluoroheptanesulfonic acid (PFHpS)	not detected	3.0	*n/a* [1]
	perfluoroheptanoic acid (PFHpA)	not detected	3.0	*<20 ppt* [3]
	1H,1H, 2H, 2H-perfluorohexane sulfonic acid (4:2FTS)	not detected	3.0	*n/a* [1]
	perfluorohexanesulfonic acid (PFHxS)	not detected	3.0	*18 - 140 ppt* [4]
	perfluorohexanoic acid (PFHxA)	4.8	3.0	*400,000 - 560,000 ppt* [5]
	perfluoro-3-methoxypropanoic acid (PFMPA)	not detected	4.0	*n/a* [1]
	perfluoro-4-methoxybutanoic acid (PFMBA)	not detected	3.0	*n/a* [1]
	perfluorononanoic acid (PFNA)	not detected	4.0	*6 - 21 ppt* [6]
	1H,1H, 2H, 2H-perfluorooctane sulfonic acid (6:2FTS)	not detected	5.0	*n/a* [1]
	perfluorooctanesulfonic acid (PFOS)	not detected	4.0	*0.02 -20 ppt* [7]
	perfluorooctanoic acid (PFOA)	not detected	4.0	*0.004 - 20 ppt* [8]
	perfluoropentanoic acid (PFPeA)	6.7	3.0	*n/a* [1]
	perfluoropentanesulfonic acid (PFPeS)	not detected	4.0	*n/a* [1]
	perfluoroundecanoic acid (PFUnA)	not detected	2.0	*n/a* [1]
	N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	not detected	5.0	*n/a* [1]
	N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	not detected	6.0	*n/a* [1]
	perfluorotetradecanoic acid (PFTA)	not detected	8.0	*n/a* [1]
	perfluorotridecanoic acid (PFTrDA)	not detected	7.0	*n/a* [1]
	Lithium	not detected	9000	*n/a1*

Patuxent Filtration Plant

Sample date	Per- and polyfluoroalkyl substances (PFAS)	Result (ppt)	Minimum Reporting Level (ppt)	Health Reference Levels
March, 2023	11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	not detected	5.0	*n/a* [1]
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	4,8-dioxa-3H-perfluorononanoic acid (ADONA)	not detected	3.0	*n/a* [1]
	hexafluoropropylene oxide dimer acid (HFPO DA)	not detected	5.0	*10-370 ppt* [9]
	nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	not detected	20.0	*n/a* [1]
	perfluorobutanoic acid (PFBA)	not detected	5.0	*7,000 ppt* [10]
	perfluorobutanesulfonic acid (PFBS)	not detected	3.0	*420 -2,100 ppt* [2]
	1H,1H, 2H, 2H-perfluorodecane sulfonic acid (8:2FTS)	not detected	5.0	*n/a* [1]
	perfluorodecanoic acid (PFDA)	not detected	3.0	*<20 ppt* [3]
	perfluorododecanoic acid (PFDoA)	not detected	3.0	*n/a* [1]
	perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	not detected	3.0	*n/a* [1]
	perfluoroheptanesulfonic acid (PFHpS)	not detected	3.0	*n/a* [1]
	perfluoroheptanoic acid (PFHpA)	not detected	3.0	*<20 ppt* [3]
	1H,1H, 2H, 2H-perfluorohexane sulfonic acid (4:2FTS)	not detected	3.0	*n/a* [1]
	perfluorohexanesulfonic acid (PFHxS)	not detected	3.0	*18 - 140 ppt* [4]
	perfluorohexanoic acid (PFHxA)	not detected	3.0	*400,000 - 560,000 ppt* [5]
	perfluoro-3-methoxypropanoic acid (PFMPA)	not detected	4.0	*n/a* [1]
	perfluoro-4-methoxybutanoic acid (PFMBA)	not detected	3.0	*n/a* [1]
	perfluorononanoic acid (PFNA)	not detected	4.0	*6 - 21 ppt* [6]
	1H,1H, 2H, 2H-perfluorooctane sulfonic acid (6:2FTS)	not detected	5.0	*n/a* [1]
	perfluorooctanesulfonic acid (PFOS)	not detected	4.0	*0.02 -20 ppt* [7]
	perfluorooctanoic acid (PFOA)	not detected	4.0	*0.004 - 20 ppt* [8]
	perfluoropentanoic acid (PFPeA)	not detected	3.0	*n/a* [1]
	perfluoropentanesulfonic acid (PFPeS)	not detected	4.0	*n/a* [1]
	perfluoroundecanoic acid (PFUnA)	not detected	2.0	*n/a* [1]
	N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	not detected	5.0	*n/a* [1]
	N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	not detected	6.0	*n/a* [1]
	perfluorotetradecanoic acid (PFTA)	not detected	8.0	*n/a* [1]
	perfluorotridecanoic acid (PFTrDA)	not detected	7.0	*n/a* [1]
	Lithium	not detected	9000	*n/a1*

Defintions

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

Footnotes

[1] n/a = not applicable. There are no accepted 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] New Hampshire MCL of 18 ppt and US EPA minimum risk level of 140 ppt for children

[5] Michigan MCL 400,000 ppt to 560,000 ppt Illinois health advisory level

[6] Michigan MCL 6 ppt to 21 ppt US CDC minimal risk level for children

[7] 0.02 ppt interim US EPA Health Advisory to 20 Massachusets sum of six PFAS compounds known as PFAS-6

[8] 0.004 ppt interim US EPA Health Advisory to 20 Massachusets sum of six PFAS compounds known as PFAS-6

[9] 10 ppt final US EPA Health Advisory to 370 ppt Michigan MCL

[10] Minnesota guidance value of 7,000 ppt