

Friends of Merrymeeting Bay, ME, December 5, 2024 PFAS Testing

Detects Highlighted in Yellow

Format part per trillion (ng/L)

Barcode	WTK PFAS 12341	WTK PFAS 12342
Name	Ed Friedman FOMB	Ed Friedman FOMB
Location	Brunswick, ME 04011	Brunswick, ME 04011
Comments	FOMB Merriconeg Stream	FOMB 5 Paradise Lane
Filtration	None	None
Sampling Date	12/5/2024 12:50	12/5/2024 12:30
Order Number	P-420783299	P-420783299
PFOA	66.4	< 1.0 ppt
PFOS	894.6	1.5
PFHxS	151.9	< 1.0 ppt
PFNA	2.5	< 1.0 ppt
GenX	< 1.0 ppt	< 1.0 ppt
PFBS	28.9	< 1.0 ppt
Total PFAS (EPA PFAS6)	1144.3	1.5
Additional PFAS		
PFBA	3.8	< 1.0 ppt
PFPeA	25.2	< 1.0 ppt
PFHxA	46.9	< 1.0 ppt
PFHpA	13	< 1.0 ppt
PFDA	< 1.0 ppt	< 1.0 ppt
PFUnA	< 1.0 ppt	< 1.0 ppt
PFDoA	< 1.0 ppt	< 1.0 ppt
PFTTrDA	< 1.0 ppt	< 1.0 ppt
PFTeA	< 1.0 ppt	< 1.0 ppt
3:3 FTCA	< 1.0 ppt	< 1.0 ppt
5:3 FTCA	3.9	< 1.0 ppt
7:3 FTCA	< 1.0 ppt	< 1.0 ppt
PFPeS	30.2	< 1.0 ppt
PFHpS	20.7	< 1.0 ppt
PFNS	4	< 1.0 ppt
PFDS	< 1.0 ppt	< 1.0 ppt
PFDoS	< 1.0 ppt	< 1.0 ppt
PFEESA	< 1.0 ppt	< 1.0 ppt
4:2 FTS	< 1.0 ppt	< 1.0 ppt
6:2 FTS	266.6	< 1.0 ppt
8:2 FTS	6	< 1.0 ppt
N-MeFOSAA	1.7	< 1.0 ppt
N-EtFOSAA	< 1.0 ppt	< 1.0 ppt
PFOSA	2.1	< 1.0 ppt
N-MeFOSA	< 1.0 ppt	< 1.0 ppt
N-EtFOSA	< 1.0 ppt	< 1.0 ppt
NMeFOSE	< 1.0 ppt	< 1.0 ppt
NEtFOSE	< 1.0 ppt	1.2
FBSA	53.1	< 1.0 ppt
FHxSA	169.5	< 1.0 ppt
MeFBSA	< 1.0 ppt	< 1.0 ppt
FOUEA	< 1.0 ppt	< 1.0 ppt
FDUEA	< 2.0 ppt	< 2.0 ppt
PFPPrS	10.6	< 1.0 ppt
PFECHS	17.2	< 1.0 ppt
8Cl-PFOS	4.8	< 1.0 ppt
10:2 FTS	< 2.0 ppt	< 2.0 ppt
6:6PFPI	< 1.0 ppt	< 1.0 ppt
N-AP-FHxSA	87.4	< 1.0 ppt
Total PFAS (All Detected)	1911	2.7

EPA PFAS Maximum Contaminant Levels (MCLs)

EPA has [finalized enforceable Maximum Contaminant Limits \(MCLs\)](#) for PFOA (4.0 ppt), PFOS (4.0 ppt), PFHxS (10.0 ppt), PFNA (10.0 ppt), and GenX (10.0 ppt). For mixtures containing two or more of PFHxS, PFNA, GenX, and PFBS, EPA has set a [Hazard Index](#) MCL at 1.

EPA PFAS Maximum Contaminant Level Goals (MCLGs)

The EPA has [established non-enforceable health based MCLGs](#) for PFOA (zero ppt), PFOS (zero ppt), PFHxS (10.0 ppt), PFNA (10.0 ppt), and GenX (10.0 ppt) as individual contaminants. MCLGs are the maximum levels of contaminants in drinking water where there are no known or anticipated negative health effects allowing for a margin of safety.