

Friends of Merrymeeting Bay-BSD, ME, November 26, 2024 PFAS Testing

Detects Highlighted in Yellow

Format part per trillion (ng/L)

Barcode	WTK PFAS 12331	WTK PFAS 12332	WTK PFAS 12333	WTK PFAS 12335	WTK PFAS 12336
Name	Ed Friedman FOMB	Ed Friedman FOMB	Ed Friedman FOMB	Ed Friedman FOMB	Ed Friedman FOMB
Location	Brunswick, ME 04011	Brunswick, ME 04011	Brunswick, ME 04011	Brunswick, ME 04011	Brunswick, ME 04011
Comments	FOMB BSD Navy Meter	FOMB BSD H6West	FOMB H6 East	FOMB BSD Hangar 6	FOMB BSD Theater
Filtration	None	None	None	None	None
Sampling Date	11/26/2024 11:00	11/26/2024	11/26/2024	11/26/2024 11:00	11/26/2024 11:00
Order Number	P-420783299	P-420783299	P-420783299	P-420783299	P-420783299
PFOA	8	1017.5	163.2	79.2	24.6
PFOS	1494.7	11277.4	925.2	666.9	3094.3
PFHxS	61.3	5190.5	604.4	310.2	168
PFNA	< 1.0 ppt	52.6	17.6	4.5	< 1.1 ppt
GenX	< 1.0 ppt	< 1.0 ppt	< 1.0 ppt	< 1.1 ppt	< 1.1 ppt
PFBS	2.5	1186.5	233.9	82.8	6.1
Total PFAS (EPA PFAS6)	1566.5	18724.5	1944.3	1143.6	3293
Additional PFAS					
PFBA	1.3	202.4	39.5	12	1.9
PFPeA	1.2	420.5	193.3	39.8	1.8
PFHxA	4.7	1737.7	990.1	203.7	13.4
PFHpA	1.2	357.6	128.5	28.4	2.2
PFDA	< 1.0 ppt	16.4	15.8	< 1.1 ppt	< 1.1 ppt
PFUnA	< 1.0 ppt	3.2	8.9	< 1.1 ppt	< 1.1 ppt
PFDoA	< 1.0 ppt	3.4	26.4	< 1.1 ppt	< 1.1 ppt
PFTeA	< 1.0 ppt	1	20.2	< 1.1 ppt	< 1.1 ppt
3:3 FTCA	< 1.0 ppt	1.7	17.1	< 1.1 ppt	< 1.1 ppt
5:3 FTCA	< 1.0 ppt	8	< 1.0 ppt	< 1.1 ppt	< 1.1 ppt
7:3 FTCA	2.2	271.5	31.1	75.5	3.6
PFPeS	< 1.0 ppt	24.5	5.4	2.6	< 1.1 ppt
PFHpS	4.2	1540.1	219.9	90.4	14.9
PFNS	20.8	434.5	25.1	20.7	44.4
PFDS	7.4	56.1	4.8	1.4	17.7
PFDoS	< 1.0 ppt	7.9	8.5	< 1.1 ppt	3.1
PFEESA	< 1.0 ppt	3	6.3	< 1.1 ppt	< 1.1 ppt
4:2 FTS	< 1.0 ppt	3.8	< 1.0 ppt	< 1.1 ppt	< 1.1 ppt
6:2 FTS	< 1.0 ppt	91.4	41.4	5.1	< 1.1 ppt
8:2 FTS	111.5	20978	8119.2	2622.2	133.8
N-MeFOSAA	8.9	1850.3	277.8	112.1	13.8
N-EtFOSAA	1	5.6	17.9	< 1.1 ppt	1.4
PFOSA	< 1.0 ppt	< 1.0 ppt	1.8	< 1.1 ppt	< 1.1 ppt
N-MeFOSA	< 1.0 ppt	6.4	21.3	< 1.1 ppt	< 1.1 ppt
N-EtFOSA	< 1.0 ppt	< 1.0 ppt	1.5	< 1.1 ppt	< 1.1 ppt
NMeFOSE	< 1.0 ppt	< 1.0 ppt	1.8	< 1.1 ppt	< 1.1 ppt
NEtFOSE	< 1.0 ppt	< 1.0 ppt	56.6	< 1.1 ppt	< 1.1 ppt
FBSA	< 1.0 ppt	1.1	5	2.2	1.5
FHxSA	< 1.0 ppt	32.2	175.6	18.2	3.2
MeFBSA	5.8	185.9	374.8	45.3	15.7
FOUEA	< 1.0 ppt	2.1	< 1.0 ppt	< 1.1 ppt	< 1.1 ppt
FDUEA	< 1.0 ppt	17.6	2.1	1.2	< 1.1 ppt
PFPrS	< 2.0 ppt	4.4	< 2.0 ppt	< 2.1 ppt	< 2.2 ppt
PFECHS	< 1.0 ppt	359.8	101	23.5	< 1.1 ppt
8Cl-PFOS	3.4	880.7	515.7	390.6	4.6
10:2 FTS	15.3	9.9	2.5	< 1.1 ppt	26.7
6:6PFPI	< 2.0 ppt	160	177.1	6.5	5.1
N-AP-FHxSA	< 1.0 ppt	< 1.0 ppt	1.2	< 1.1 ppt	< 1.1 ppt
Total PFAS (All Detected)	273.8	8105.7	524.7	493.8	567
	2029.2	56508.9	14104.2	5338.8	4168.8

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.

Barcode	WTK_PFAS_12337	WTK_PFAS_12338		
Name	Ed Friedman FOMB	Ed Friedman FOMB		
Location	Brunswick, ME 04011	Brunswick, ME 04011		
Comments	FOMB BSD Public Works.	FOMB BSD Midcoast Hosp.		
Filtration	None	None		
Sampling Date	11/26/2024 11:00	11/26/2024 9:30		
Order Number	P-420783299	P-420783299		
PFOA	1.2	< 1.0 ppt		
PFOS	240.4	16.6		
PFHxS	3.9	< 1.0 ppt		
PFNA	< 1.0 ppt	< 1.0 ppt		
GenX	< 1.0 ppt	< 1.0 ppt		
PFBS	< 1.0 ppt	< 1.0 ppt		
Total PFAS (EPA PFAS6)	245.5	16.6		
Additional PFAS				
PFBA	2.7	< 1.0 ppt		
PFPeA	26.9	< 1.0 ppt		
PFHxA	68.6	< 1.0 ppt		
PFHpA	1.1	< 1.0 ppt		
PFDA	< 1.0 ppt	< 1.0 ppt		
PFUnA	< 1.0 ppt	< 1.0 ppt		
PFDoA	< 1.0 ppt	< 1.0 ppt		
PFTrDA	< 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	51.5	< 1.0 ppt		
7:3 FTCA	< 1.0 ppt	< 1.0 ppt		
PFPeS	< 1.0 ppt	< 1.0 ppt		
PFHpS	< 1.0 ppt	< 1.0 ppt		
PFNS	1.5	< 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	< 1.0 ppt	3.9		
8:2 FTS	1.5	< 1.0 ppt		
N-MeFOSAA	< 1.0 ppt	< 1.0 ppt		
N-EtFOSAA	< 1.0 ppt	< 1.0 ppt		
PFOSA	< 1.0 ppt	< 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	1.1		
FBSA	< 1.0 ppt	< 1.0 ppt		
FHxSA	3.1	< 1.0 ppt		
MeFBSA	< 1.0 ppt	< 1.0 ppt		
FOUEA	< 1.0 ppt	< 1.0 ppt		
FDUEA	< 2.0 ppt	< 2.0 ppt		
PFPrS	< 1.0 ppt	< 1.0 ppt		
PFECHS	< 1.0 ppt	< 1.0 ppt		
8Cl-PFOS	< 1.0 ppt	< 1.0 ppt		
10:2 FTS	< 2.0 ppt	< 2.0 ppt		
6:6PFPI	< 1.0 ppt	< 1.0 ppt		
N-AP-FHxSA	11.8	< 1.0 ppt		
Total PFAS (All Detected)	414.2	21.6		