

NASWI Drinking Water Validated Sampling Results, March 2018 Sampling Event

Sample ID	Result PFOS (µg/L, ppb)	Q	LOQ	LOD	DL	Result PFOS (ng/L, ppt)	Result PFOA (µg/L, ppb)	Q	LOQ	LOD	DL	Result PFOA (ng/L, ppt)	PFOS and PFOA (ng/L, ppt)†	PFOS and PFOA Result Interpretation	Result PFBS (µg/L, ppb)	Q	Result PFBS (ng/L, ppt)	Result EtFOSAA (µg/L, ppb)	Q	Result EtFOSAA (ng/L, ppt)	Result MeFOSAA (µg/L, ppb)	Q	Result MeFOSAA (ng/L, ppt)	Result PFHpA (µg/L, ppb)	Q	
WI-AF-1RW01-0318	0.00496	U	0.00993	0.00496	0.00107	4.96	0.00496	U	0.00993	0.00496	0.00107	4.96	not detected	not detected	0.00496	U	4.96	0.00496	U	4.96	0.00496	U	4.96	0.00496	U	4.96
WI-AF-1RW11-0318	0.00500	U	0.0100	0.00500	0.00104	5.00	0.00500	U	0.0100	0.00500	0.00108	5.00	not detected	not detected	0.00500	U	5.00	0.00500	U	5.00	0.00500	U	5.00	0.00500	U	5.00
WI-AF-1RW12-0318	0.00355	J	0.0100	0.00502	0.00104	3.55	0.00661	J	0.0100	0.00502	0.00108	6.61	10.2	Compound result < LHA	0.00124	J	1.24	0.00502	U	5.02	0.00502	U	5.02	0.00136	J	0.00136
WI-AF-1RW28-0318	0.00525	U	0.01050	0.00525	0.001090	5.25	0.00336	U	0.0105	0.00525	0.00113	33.6	33.6	Compound result < LHA	0.00255	J	2.55	0.00525	U	5.25	0.00525	U	5.25	0.00350	J	0.00350
WI-AF-1RW32-0318	8.03	U	0.301	0.150	0.0313	8030	0.0461	U	0.0100	0.00502	0.00108	46.1	8080	Compound result > LHA	0.213	J	213	0.00502	U	5.02	0.00502	U	5.02	0.0157	J	0.0157
WI-AF-1RW33-0318	0.00492	U	0.00983	0.00492	0.00102	4.92	0.00492	U	0.00983	0.00492	0.00106	4.92	not detected	not detected	0.0627	J	62.7	0.00328	J	3.28	0.00492	U	4.92	0.000957	J	0.000957
WI-AF-1RW40-0318	0.00110	J	0.00999	0.00500	0.00108	1.10	0.0352	U	0.00999	0.00500	0.00108	35.2	36.3	Compound result < LHA	0.00402	J	4.02	0.00500	U	5.00	0.00500	U	5.00	0.00430	J	0.00430
WI-AF-1RW51-0318	0.00506	U	0.0101	0.00506	0.00105	5.06	0.00506	U	0.0101	0.00506	0.00109	5.06	not detected	not detected	0.00506	U	5.06	0.00506	U	5.06	0.00506	U	5.06	0.00506	U	5.06
WI-AF-1RW57-0418*	0.00466	U	0.00932	0.00466	0.000969	4.66	0.00466	U	0.00932	0.00466	0.00101	4.66	not detected	not detected	0.00466	U	4.66	0.00466	U	4.66	0.00466	U	4.66	0.00466	U	4.66
WI-AF-3RW41-0318*	0.00514	J	0.00991	0.00496	0.00103	5.14	0.00550	J	0.00991	0.00496	0.00107	5.5	10.6	Compound result < LHA	0.0553	J	55.3	0.00496	U	4.96	0.00496	U	4.96	0.00297	J	0.00297
WI-CV-1RW01-0318	0.00488	U	0.00978	0.00488	0.00102	4.88	0.431	U	0.0489	0.0244	0.00528	431	431	Compound result > LHA	0.0218	J	21.8	0.00488	U	4.88	0.00488	U	4.88	0.00408	J	0.00408
WI-CV-1RW07-0318*	0.00149	J	0.00974	0.00486	0.00101	1.49	0.128	U	0.00974	0.00486	0.00105	128	129	Compound result > LHA	0.0196	J	19.6	0.00486	U	4.86	0.00486	U	4.86	0.0111	J	0.0111
WI-CV-1RW14-0318	0.00496	U	0.00994	0.00496	0.00103	4.96	0.00496	U	0.00994	0.00496	0.00107	4.96	not detected	not detected	0.00496	U	4.96	0.00496	U	4.96	0.00496	U	4.96	0.00496	U	4.96
WI-CV-1RW22-0318	0.00494	U	0.00988	0.00494	0.00103	4.94	0.00494	U	0.00988	0.00494	0.00107	4.94	not detected	not detected	0.00494	U	4.94	0.00494	U	4.94	0.00494	U	4.94	0.00494	U	4.94
WI-CV-1RW23-0318	0.00490	U	0.00981	0.00490	0.00102	4.90	0.0623	U	0.00980	0.00490	0.00106	62.3	62.3	Compound result < LHA	0.0123	J	12.3	0.00490	U	4.90	0.00490	U	4.90	0.00999	J	0.00999
WI-CV-1RW24-0318	0.00494	U	0.00988	0.00494	0.00103	4.94	0.00494	U	0.00988	0.00494	0.00107	4.94	not detected	not detected	0.00494	U	4.94	0.00494	U	4.94	0.00494	U	4.94	0.00494	U	4.94
WI-CV-1RW25-0318	0.00492	U	0.00984	0.00492	0.00102	4.92	0.00492	U	0.00984	0.00492	0.00106	4.92	not detected	not detected	0.00139	J	1.39	0.00492	U	4.92	0.00492	U	4.92	0.00492	U	4.92
WI-CV-1RW26-0318	0.00492	U	0.00985	0.00492	0.00102	4.92	0.00492	U	0.00985	0.00492	0.00106	4.92	not detected	not detected	0.000513	J	0.513	0.00492	U	4.92	0.00492	U	4.92	0.00492	U	4.92
WI-CV-1RW27-0318	0.00492	U	0.00984	0.00492	0.00102	4.92	0.0378	U	0.00984	0.00492	0.00106	37.8	37.8	Compound result < LHA	0.00895	J	8.95	0.00492	U	4.92	0.00492	U	4.92	0.00582	J	0.00582
WI-CV-1RW34-0318	0.00488	U	0.00975	0.00488	0.00101	4.88	0.405	U	0.00975	0.0244	0.00527	405	405	Compound result > LHA	0.0532	J	53.2	0.00488	U	4.88	0.00488	U	4.88	0.0293	J	0.0293
WI-CV-1RW37-0318	0.00506	U	0.0101	0.00506	0.00105	5.06	0.00506	U	0.0101	0.00506	0.00109	5.06	not detected	not detected	0.000690	J	0.690	0.00506	U	5.06	0.00506	U	5.06	0.00506	U	5.06
WI-CV-1RW40-0318	0.00492	U	0.00985	0.00492	0.00102	4.92	0.00492	U	0.00985	0.00492	0.00106	4.92	not detected	not detected	0.00492	U	4.92	0.00492	U	4.92	0.00492	U	4.92	0.00492	U	4.92
WI-CV-1RW60-0318	0.00494	U	0.00990	0.00494	0.00103	4.94	0.0261	U	0.00990	0.00494	0.00107	26.1	26.1	Compound result < LHA	0.00717	J	7.17	0.00494	U	4.94	0.00494	U	4.94	0.00449	J	0.00449
WI-CV-1RW90-0318	0.00379	J	0.00975	0.00486	0.00101	3.79	0.169	U	0.00975	0.00486	0.00105	169	173	Compound result > LHA	0.0257	J	25.7	0.00486	U	4.86	0.00486	U	4.86	0.0157	J	0.0157
WI-CV-2RW02-0318	0.00496	U	0.00993	0.00496	0.00103	4.96	0.138	U	0.00993	0.00496	0.00107	138	138	Compound result > LHA	0.0156	J	15.6	0.00496	U	4.96	0.00496	U	4.96	0.0134	J	0.0134
WI-CV-2RW04-0318	0.00486	U	0.00973	0.00486	0.00101	4.86	0.00496	J	0.00973	0.00486	0.00105	4.96	4.96	Compound result < LHA	0.0157	J	15.7	0.00486	U	4.86	0.00486	U	4.86	0.000823	J	0.000823
WI-CV-2RW06-0318	0.00504	U	0.0101	0.00504	0.00105	5.04	0.205	U	0.0101	0.00504	0.00109	205	205	Compound result > LHA	0.0229	J	22.9	0.00504	U	5.04	0.00504	U	5.04	0.0172	J	0.0172
WI-CV-3RW04-0318	0.00496	U	0.00990	0.00496	0.00103	4.96	0.00496	U	0.00990	0.00496	0.00107	4.96	not detected	not detected	0.00496	U	4.96	0.00496	U	4.96	0.00496	U	4.96	0.00496	U	4.96
WI-CV-3RW07-0318	0.00502	U	0.0100	0.00502	0.00104	5.02	0.00502	U	0.0100	0.00502	0.00108	5.02	not detected	not detected	0.00502	U	5.02	0.00502	U	5.02	0.00502	U	5.02	0.00502	U	5.02
WI-CV-3RW10-0318	0.00118	J	0.00972	0.00486	0.00101	1.18	0.0846	U	0.00972	0.00486	0.00105	84.6	85.8	Compound result > LHA	0.101	J	101	0.00486	U	4.86	0.00486	U	4.86	0.0128	J	0.0128
WI-CV-3RW11-0318*	0.00211	J	0.0101	0.00502	0.00105	2.11	0.611	U	0.0510	0.0255	0.00551	611	613	Compound result > LHA	0.0428	J	42.8	0.00502	U	5.02	0.00502	U	5.02	0.0307	J	0.0307
WI-CV-3RW17-0318	0.00492	U	0.00983	0.00492	0.00102	4.92	0.00492	U	0.00983	0.00492	0.00106	4.92	not detected	not detected	0.00492	U	4.92	0.00492	U	4.92	0.00492	U	4.92	0.00492	U	4.92

Notes:

\* Field duplicate was collected with the sample; the most conservative result is reported

† PFOS and PFOA are summed when both compounds are detected.

µg/L, ppb = micrograms per liter, parts per billion ng/L, ppt = nanograms per liter, parts per trillion DL = detection limit

ID = identification

LHA = lifetime health advisory LOD = limit of detection

LOQ = limit of quantitation

PFBS = perfluorobutane sulfonate PFOA = perfluorooctanoic acid PFOS = perfluorooctane sulfonate Q = data qualify

J = Analyte present; value may or may not be accurate or precise. U = The material was analyzed for, but not detected

0.010 µg/L = 0.010 ppb = 10 ppt

There is not a health advisory level for PFBS; therefore, no action is currently being taken based on this result. This chemical has health effects information that can be used to evaluate potential impact under the Navy's Environmental Restoration Program

PFOS and/or PFOA not detected

PFOS and/or PFOA detection less than the EPA LHA (70 ppt)

PFOS and/or PFOA detection greater than the EPA LHA (70 ppt)

