NASWI Drinking Water Validated Sampling Results, April 2019 Sampling Event

Sample ID	Result PFOS (ng/L, ppt)	Q	LOQ	LOD	DL	Result PFOA (ng/L, ppt)	Q	LOQ	LOD	DL	PFOS and PFOA (ng/L, ppt)†	PFOS and PFOA Result Interpretation	Result PFBS (ng/L, ppt)	Q	Result EtFOSAA (ng/L, ppt)	Q	Result MeFOSAA (ng/L, ppt)	Q	Result PFHpA (ng/L, ppt)	Q	Result PFHxS (ng/L, ppt)	Q	Result PFNA (ng/L, ppt)	Q	Result PFDA (ng/L, ppt)	Q	Result PFDoA (ng/L, ppt)	Q	Result PFHxA (ng/L, ppt))	Q	Result PFTeDA (ng/L, ppt)	Q	Result PFTrDA (ng/L, ppt)	Q	Result PFUnA (ng/L, ppt)	Q
WI-AF-1RW01-0419	4.94	U	9.86	4.94	3	4.94	U	9.86	4.94	3	not detected	not detected	4.94	U	4.94	U	4.94	U	4.94	U	4.94	U	4.94	U	4.94	U	4.94	U	4.94	U	4.94	U	4.94	U	4.94	U
WI-AF-1RW12-0419	5	U	9.98	5	3.04	5	U	9.98	5	3.04	not detected	not detected	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
WI-AF-1RW28-0419	5.23	U	10.4	5.23	3.17	30.2		10.4	5.23	3.17	30.2	Compound result < LHA	5.23	U	5.23	U	5.23	U	3.56	J	7.12	J	5.23	U	5.23	U	5.23	U	5.01	J	5.23	U	5.23	U	5.23	U
WI-AF-1RW32-0419	6,910		214	107	64.9	39.3		10.7	5.34	3.25	6,949	Compound result > LHA	231		5.34	U	5.34	U	17.2		1,810		5.34	U	5.34	U	5.34	U	140		5.34	U	5.34	U	5.34	U
WI-AF-1RW40-0419	4.12	J	10	5	3.04	21.4		10	5	3.04	25.5	Compound result < LHA	4.91	J	5	U	5	U	4.13	J	11.2		5	U	5	U	5	U	5.69	J	5	U	5	U	5	U
WI-AF-1RW51-0419	4.88	U	9.77	4.88	2.97	4.88	U	9.77	4.88	2.97	not detected	not detected	4.88	U	4.88	U	4.88	U	4.88	U	4.88	U	4.88	U	4.88	U	4.88	U	4.88	U	4.88	U	4.88	U	4.88	U
WI-AF-3RW41-0419*	10.3		10.3	5.14	3.13	4.46	J	10.3	5.14	3.13	14.8	Compound result < LHA	58.8		5.14	U	5.14	U	3.15	J	57.6		5.14	U	5.14	U	5.14	U	12.6		5.14	U	5.14	U	5.14	U
WI-CV-1RW01-0419	4.94	U	9.88	4.94	3	282		9.88	4.94	3	282	Compound result > LHA	23.8		4.94	U	4.94	U	22.7		149		4.94	U	4.94	U	4.94	U	70.9		4.94	U	4.94	U	4.94	U
WI-CV-1RW07-0419*	4.96	U	9.93	4.96	3.02	96.1		9.93	4.96	3.02	96.1	Compound result > LHA	13.2		4.96	U	4.96	U	8.63	J	34.5		4.96	U	4.96	U	4.96	U	33.4		4.96	U	4.96	U	4.96	U
WI-CV-1RW14-0419	4.83	U	9.64	4.83	2.93	4.83	U	9.64	4.83	2.93	not detected	not detected	4.83	U	4.83	U	4.83	U	4.83	U	4.83	U	4.83	U	4.83	U	4.83	U	4.83	U	4.83	U	4.83	U	4.83	U
WI-CV-1RW22-0419	5.19	U	10.4	5.19	3.16	5.19	U	10.4	5.19	3.16	not detected	not detected	5.19	U	5.19	U	5.19	U	5.19	U	5.19	U	5.19	U	5.19	U	5.19	U	5.19	U	5.19	U	5.19	U	5.19	U
WI-CV-1RW23-0419	4.88	U	9.78	4.88	2.97	68		9.78	4.88	2.97	68	Compound result < LHA	19.4		4.88	U	4.88	U	10.4		73.3		4.88	U	4.88	U	4.88	U	40.8		4.88	U	4.88	U	4.88	U
WI-CV-1RW24-0419	4.9	U	9.81	4.9	2.98	4.9	U	9.81	4.9	2.98	not detected	not detected	4.9	U	4.9	U	4.9	U	4.9	U	4.9	U	4.9	U	4.9	U	4.9	U	4.9	U	4.9	U	4.9	U	4.9	U
WI-CV-1RW25-0419	5.19	U	10.4	5.19	3.16	5.19	U	10.4	5.19	3.16	not detected	not detected	5.19	U	5.19	U	5.19	U	5.19	U	5.19	U	5.19	U	5.19	U	5.19	U	5.19	U	5.19	U	5.19	U	5.19	U
WI-CV-1RW26-0419	5.04	U	10.1	5.04	3.06	5.04	U	10.1	5.04	3.06	not detected	not detected	5.04	U	5.04	U	5.04	U	5.04	U	5.04	U	5.04	U	5.04	U	5.04	U	5.04	U	5.04	U	5.04	U	5.04	U
WI-CV-1RW27-0419	4.94	U	9.87	4.94	3	25.7		9.87	4.94	3	25.7	Compound result < LHA	9.88		4.94	U	4.94	U	4.99	J	36.3		4.94	U	4.94	U	4.94	U	19.3		4.94	U	4.94	U	4.94	U
WI-CV-1RW34-0419	4.92	U	9.84	4.92	2.99	301	J	9.84	4.92	2.99	301	Compound result > LHA	52.3	J	4.92	U	4.92	U	21.8		66.2	J	4.92	U	4.92	U	4.92	U	139		4.92	U	4.92	U	4.92	U
WI-CV-1RW37-0419	4.84	U	9.67	4.84	2.94	4.84	U	9.67	4.84	2.94	not detected	not detected	4.84	U	4.84	U	4.84	U	4.84	U	4.84	U	4.84	U	4.84	U	4.84	U	4.84	U	4.84	U	4.84	U	4.84	U
WI-CV-1RW40-0419	4.98	U	9.96	4.98	3.03	4.98	U	9.96	4.98	3.03	not detected	not detected	4.98	U	4.98	U	4.98	U	4.98	U	4.98	U	4.98	U	4.98	U	4.98	U	4.98	U	4.98	U	4.98	U	4.98	U
WI-CV-1RW72-0419	5.08	U	10.2	5.08	3.09	5.08	U	10.2	5.08	3.09	not detected	not detected	5.08	U	5.08	U	5.08	U	5.08	U	5.08	U	5.08	U	5.08	U	5.08	U	5.08	U	5.08	U	5.08	U	5.08	U
WI-CV-1RW90-0419	4.14	J	10.4	5.23	3.17	201		10.4	5.23	3.17	205.1	Compound result > LHA	28.5		5.23	U	5.23	U	18.8		203		5.23	U	5.23	U	5.23	U	47.1		5.23	U	5.23	U	5.23	U
WI-CV-2RW04-0419*	19		9.94	4.98	3.02	9.55	J	9.94	4.98	3.02	28.6	Compound result < LHA	19.2		4.98	U	4.98	U	4.98	U	21.4		4.98	U	4.98	U	4.98	U	4.88	J	4.98	U	4.98	U	4.98	U
WI-CV-2RW06-0419	4.96	U	9.93	4.96	3.02	164		9.93	4.96	3.02	164	Compound result > LHA	25.7		4.96	U	4.96	U	14.9		23.6		4.96	U	4.96	U	4.96	U	104		4.96	U	4.96	U	4.96	U
WI-CV-3RW04-0419	5.1	U	10.2	5.1	3.1	5.1	U	10.2	5.1	3.1	not detected	not detected	5.1	U	5.1	U	5.1	U	5.1	U	5.1	U	5.1	U	5.1	U	5.1	U	5.1	U	5.1	U	5.1	U	5.1	U
WI-CV-3RW07-0419	5.32	U	10.6	5.32	3.24	5.32	U	10.6	5.32	3.24	not detected	not detected	5.32	U	5.32	U	5.32	U	5.32	U	5.32	U	5.32	U	5.32	U	5.32	U	5.32	U	5.32	U	5.32	U	5.32	U
WI-CV-3RW10-0419	5.04	U	10.1	5.04	3.06	62		10.1	5.04	3.06	62	Compound result < LHA	102		5.04	U	5.04	U	11.9		47.2		5.04	U	5.04	U	5.04	U	124		5.04	U	5.04	U	5.04	U
WI-CV-3RW11-0419*	5.04	U	10.1	5.04	3.06	515	J	50.3	25.2	15.3	515	Compound result > LHA	54.9	J	5.04	U	5.04	U	28.1	J	103	J	5.04	U	5.04	U	5.04	U	136		5.04	U	5.04	U	5.04	U
WI-CV-3RW17-0419	5.19	U	10.4	5.19	3.15	5.19	U	10.4	5.19	3.15	not detected	not detected	5.19	U	5.19	U	5.19	U	5.19	U	5.19	U	5.19	U	5.19	U	5.19	U	5.19	U	5.19	U	5.19	U	5.19	U

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 qualifier

J = Analyte present; value may or may not be accurate or precise. U = The material was analyzed for, but not detected. D = Sample required dilution to be performed by the laboratory.

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)**