NASWI Area 6 Private Drinking Water Validated Sampling Results, August 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	
WI- A06-RW05 -0818	**0.0953**		0.00998	0.00498	0.00303	**95.3**	**0.0554**		0.00998	0.00498	0
WI- A06-RW19 -0818*	**0.0801**		0.00954	0.00477	0.00290	**80.1**	**0.0482**		0.00954	0.00477	0
WI- A06-RW20 -0818	**0.0278**		0.0103	0.00517	0.00314	**27.8**	**0.0453**		0.00103	0.00517	0
WI- A06-RW18 -0818	**0.0180**		0.0110	0.00551	0.00334	**18.0**	**0.0261**		0.0110	0.00551	0
WI- A06-RW21 -0818*	**0.00481**	**U**	0.00962	0.00481	0.00292	**4.81**	**0.00481**		0.00962	0.00481	0

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

Sample results are presented in order from highest to lowest PFOS and PFOA concentration.

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 pc

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)**

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)
.00303	**55.4**	**151**	**Compound result > LHA**	0.0262		26.2	0.00498	U	4.98
.00290	**48.2**	**128**	**Compound result > LHA**	0.0682		68.2	0.00477	U	4.77
.00314	**45.3**	**73.1**	**Compound result > LHA**	0.0187		18.7	0.00517	U	5.17
.00334	**26.1**	**44.1**	**Compound result < LHA**	0.0220		22.0	0.00551	U	5.51
.00292	**4.81**	**not detected**	**not detected**	0.00481	U	4.81	0.00481	U	4.81

otential impact under the Navy's Environmental Restoration Program.

Result MeFOSAA (µg/L,	Q	Result MeFOSAA (ng/L,	Result PFHpA (µg/L, ppb)	Q	Result PFHpA (ng/L, ppt)	Result PFHxS (µg/L, ppb)	Q	Result PFHxS (ng/L, ppt)	Result PFNA (µg/L, ppb)	Q	Result PFNA (ng/L, ppt)	Result PFDA (µg/L, ppb)	Q
0.00498	U	4.98	0.0162		16.2	0.200		200	0.00498	U	4.98	0.00498	U
0.00477	U	4.77	0.0376		37.6	0.242		242	0.00477	U	4.77	0.00477	U
0.00517	U	5.17	0.00517	U	5.17	0.119		119	0.00517	U	5.17	0.00517	U
0.00551	U	5.51	0.0114		11.4	0.0875		87.5	0.00551	U	5.51	0.00551	U
0.00481	U	4.81	0.00481	U	4.81	0.00481	U	4.81	0.00481	U	4.81	0.00481	U

Result PFDA (ng/L, ppt)	Result PFDoA (µg/L, ppb)	Q	Result PFDoA (ng/L, ppt)	Result PFHxA (µg/L, ppb)	Q	Result PFHxA (ng/L, ppt)	Result PFTeDA (µg/L, ppb)	Q	Result PFTeDA (ng/L, ppt)	Result PRTrDA (µg/L, ppb)	Q	Result PRTrDA (ng/L, ppt)
4.98	0.00498	U	4.98	0.0375		37.5	0.00498	U	4.98	0.00498	U	4.98
4.77	0.00477	U	4.77	0.0692		69.2	0.00477	U	4.77	0.00477	U	4.77
5.17	0.00517	U	5.17	0.0175		17.5	0.00517	U	5.17	0.00517	U	5.17
5.51	0.00483	U	4.83	0.0278		27.8	0.00551	U	5.51	0.00551	U	5.51
4.81	0.00481	U	4.81	0.00481	U	4.81	0.00481	U	4.81	0.00481	U	4.81

Result PFUnA (µg/L, ppb)	Q	Result PFUnA (ng/L, ppt)
0.00498	U	4.98
0.00477	U	4.77
0.00517	U	5.17
0.00551	U	5.51
0.00481	U	4.81