Ault Field Phase 4 Validated Sampling Results

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-1RW58-0119*	**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-AF-1RW59-0119	**5.12**	**U**	10.2	5.12	3.11	**5.12**	**U**	10.2	5.12	3.11	**not detected**	**not detected**	5.12	U	5.12	U	5.12	U	5.12	U	5.12	U	5.12	U	5.12	U	5.12	U	5.12	U	5.12	U	5.12	U	5.12	U
WI-AF-1RW60-0119	**5.17**	**U**	10.3	5.17	3.14	**5.17**	**U**	10.3	5.17	3.14	**not detected**	**not detected**	5.17	U	5.17	U	5.17	U	5.17	U	5.17	U	5.17	U	5.17	U	5.17	U	5.17	U	5.17	U	5.17	U	5.17	U
WI-AF-1RW61-0119	**5**	**U**	10	5	3.04	**5**	**U**	10	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-1RW62-0119	**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-AF-1RW63-0119	**4.98**	**U**	9.98	4.98	3.03	**4.98**	**U**	9.98	4.98	3.03	**not detected**	**not detected**	5.36	J	4.98	U	4.98	U	4.98	U	4.98	U	4.98	U		U	4.61	J	4.98	U	4.98	U	4.98	U	4.98	U
WI-AF-1RW64-0119	**4.9**	**U**	9.8	4.9	2.98	**4.9**	**U**	9.8	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-AF-1RW65-0119	**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-AF-1RW66-0119	**4.94**	**U**	9.87	4.94	3	**4.94**	**U**	9.87	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-1RW67-0119	**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	UJ	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-AF-1RW68-0119*	**5.1**	**U**	10.2	5.1	3.1	**3.23**	**J**	10.2	5.1	3.1	**3.23**	**Compound result < LHA**	5.1	U	5.1	UJ	5.1	U	5.1	U	5.1	U	5.1	U	5.1	UJ	5.1	U	5.1	U	5.1	U	5.1	U	5.1	U
WI-AF-1RW69-0119	**5.17**	**U**	10.3	5.17	3.14	**5.17**	**U**	10.3	5.17	3.14	**not detected**	**not detected**	5.17	U	5.17	UJ	5.17	U	5.17	U	5.17	U	5.17	U	5.17	U	5.17	U	5.17	U	5.17	U	5.17	U	5.17	U
WI-AF-1RW70-0119	**5.06**	**U**	10.1	5.06	3.08	**5.06**	**U**	10.1	5.06	3.08	**not detected**	**not detected**	5.06	U	5.06	U	5.06	U	5.06	U	5.06	U	5.06	U	5.06	U	5.06	U	5.06	U	5.06	U	5.06	U	5.06	U
WI-AF-1RW71-0119	**5.02**	**U**	10.1	5.02	3.06	**5.02**	**U**	10.1	5.02	3.06	**not detected**	**not detected**	5.02	U	5.02	UJ	5.02	U	5.02	U	5.02	U	5.02	U	5.02	U	5.02	U	5.02	U	5.02	U	5.02	U	5.02	U
WI-AF-1RW72-0119	**5**	**U**	9.99	5	3.04	**5**	**U**	9.99	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-1RW73-0119	**4.86**	**U**	9.74	4.86	2.96	**4.86**	**U**	9.74	4.86	2.96	**not detected**	**not detected**	4.86	U	4.86	U	4.86	U	4.86	U	4.86	U	4.86	U	4.86	U	4.86	U	4.86	U	4.86	U	4.86	U	4.86	U
WI-AF-1RW74-0119	**5.17**	**U**	10.3	5.17	3.14	**5.17**	**U**	10.3	5.17	3.14	**not detected**	**not detected**	5.17	U	5.17	U	5.17	U	5.17	U	5.17	U	5.17	U	5.17	U	5.17	U	5.17	U	5.17	U	5.17	U	5.17	U
WI-AF-1RW75-0119	**5.12**	**U**	10.2	5.12	3.12	**5.12**	**U**	10.2	5.12	3.12	**not detected**	**not detected**	5.12	U	5.12	U	5.12	U	5.12	U	5.12	U	5.12	U	5.12	U	5.12	U	5.12	U	5.12	U	5.12	U	5.12	U
WI-AF-1RW76-0119	**4.96**	**U**	9.92	4.96	3.02	**4.96**	**U**	9.92	4.96	3.02	**not detected**	**not detected**	4.96	U	4.96	U	4.96	U	4.96	U	4.96	U	4.96	U	4.96	U	4.96	U	4.96	U	4.96	U	4.96	U	4.96	U
WI-AF-1RW77-0119	**5.02**	**U**	10	5.02	3.05	**19.2**		10	5.02	3.05	**19.2**	**Compound result < LHA**	5.02	U	5.02	U	5.02	U	5.02	U	33.6		5.02	U	5.02	U	5.02	U	5.02	U	5.02	U	5.02	U	5.02	U
WI-AF-1RW78-0119*	**4.81**	**U**	9.61	4.81	2.92	**4.81**	**U**	9.61	4.81	2.92	**not detected**	**not detected**	4.81	U	4.81	U	4.81	U	4.81	U	4.81	U	4.81	U	4.81	U	4.81	U	4.81	U	4.81	U	4.81	U	4.81	U
WI-AF-1RW79-0119	**4.79**	**U**	9.56	4.79	2.91	**4.79**	**U**	9.56	4.79	2.91	**not detected**	**not detected**	4.79	U	4.79	U	4.79	U	4.79	U	4.79	U	4.79	U	4.79	U	4.79	U	4.79	U	4.79	U	4.79	U	4.79	U
WI-AF-1RW80-0119	**4.81**	**U**	9.62	4.81	2.93	**4.81**	**U**	9.62	4.81	2.93	**not detected**	**not detected**	4.81	U	4.81	U	4.81	U	4.81	U	4.81	U	4.81	U	4.81	U	4.81	U	4.81	U	4.81	U	4.81	U	4.81	U
WI-AF-1RW81-0219*	**5.17**	**U**	10.3	5.17	3.14	**5.17**	**U**	10.3	5.17	3.14	**not detected**	**not detected**	5.17	U	5.17	U	5.17	U	5.17	U	5.17	U	5.17	U	5.17	U	5.17	U	5.17	U	5.17	U	5.17	U	5.17	U
WI-AF-1RW82-0219	**5.17**	**U**	10.3	5.17	3.14	**5.17**	**U**	10.3	5.17	3.14	**not detected**	**not detected**	5.17	U	5.17	U	5.17	U	5.17	U	5.17	U	5.17	U	5.17	U	5.17	U	5.17	U	5.17	U	5.17	U	5.17	U
WI-AF-1RW83-0219	**5.06**	**U**	10.1	5.06	3.08	**5.06**	**U**	10.1	5.06	3.08	**not detected**	**not detected**	5.06	U	5.06	U	5.06	U	5.06	U	5.06	U	5.06	U	5.06	U	5.06	U	5.06	U	5.06	U	5.06	U	5.06	U
WI-AF-1RW84-0219	**5**	**U**	9.99	5	3.04	**5**	**U**	9.99	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-1RW85-0219	**5.06**	**U**	10.1	5.06	3.08	**5.06**	**U**	10.1	5.06	3.08	**not detected**	**not detected**	5.06	U	5.06	U	5.06	U	5.06	U	5.06	U	5.06	U	5.06	U	5.06	U	5.06	U	5.06	U	5.06	U	5.06	U
WI-AF-1RW86-0219	**5.02**	**U**	10.1	5.02	3.06	**5.02**	**U**	10.1	5.02	3.06	**not detected**	**not detected**	5.02	U	5.02	U	5.02	U	5.02	U	5.02	U	5.02	U	5.02	U	5.02	U	5.02	U	5.02	U	5.02	U	5.02	U
WI-AF-1RW87-0219	**4.98**	**U**	9.95	4.98	3.02	**4.98**	**U**	9.95	4.98	3.02	**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-AF-1RW88-0219	**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-AF-1RW89-0219	**4.86**	**U**	9.73	4.86	2.96	**4.86**	**U**	9.73	4.86	2.96	**not detected**	**not detected**	4.86	U	4.86	U	4.86	U	4.86	U	4.86	U	4.86	U	4.86	U	4.86	U	4.86	U	4.86	U	4.86	U	4.86	U
WI-AF-1RW90-0219	**4.88**	**U**	9.75	4.88	2.96	**4.88**	**U**	9.75	4.88	2.96	**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-1RW91-0219	**4.98**	**U**	9.97	4.98	3.03	**4.98**	**U**	9.97	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-AF-1RW92-0219*	**5.14**	**U**	10.3	5.14	3.13	**5.14**	**U**	10.3	5.14	3.13	**not detected**	**not detected**	5.14	U	5.14	U	5.14	U	5.14	U	5.14	U	5.14	U	5.14	U	5.14	U	5.14	U	5.14	U	5.14	U	5.14	U
WI-AF-1RW93-0219	**5**	**U**	10	5	3.04	**5**	**U**	10	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-1RW94-0219	**5.06**	**U**	10.1	5.06	3.08	**5.06**	**U**	10.1	5.06	3.08	**not detected**	**not detected**	5.06	U	5.06	U	5.06	U	5.06	U	5.06	U	5.06	U	5.06	U	5.06	U	5.06	U	5.06	U	5.06	U	5.06	U
WI-AF-1RW95-0219	**5.58**	**U**	11.1	5.58	3.39	**5.58**	**U**	11.1	5.58	3.39	**not detected**	**not detected**	5.58	U	5.58	U	5.58	U	5.58	U	5.58	U	5.58	U	5.58	U	5.58	U	5.58	U	5.58	U	5.58	U	5.58	U
WI-AF-1RW100-0419	**5.02**	**U**	10.1	5.02	3.06	**5.02**	**U**	10.1	5.02	3.06	**not detected**	**not detected**	5.02	U	5.02	U	5.02	U	5.02	U	5.02	U	5.02	U	5.02	U	5.02	U	5.02	U	5.02	U	5.02	U	5.02	U
WI-AF-1RW101-0419	**5.12**	**U**	10.3	5.12	3.12	**5.12**	**U**	10.3	5.12	3.12	**not detected**	**not detected**	5.12	U	5.12	U	5.12	U	5.12	U	5.12	U	5.12	U	5.12	U	5.12	U	5.12	U	5.12	U	5.12	U	5.12	U
WI-AF-1RW96-0419*	**5.02**	**U**	10	5.02	3.05	**5.02**	**U**	10	5.02	3.05	**not detected**	**not detected**	5.02	U	5.02	U	5.02	U	5.02	U	5.02	U	5.02	U	5.02	U	5.02	U	5.02	U	5.02	U	5.02	U	5.02	U
WI-AF-1RW97-0419	**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-AF-1RW98-0419	**5**	**U**	9.99	5	3.04	**5**	**U**	9.99	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-1RW99-0419	**5.1**	**U**	10.2	5.1	3.11	**5.1**	**U**	10.2	5.1	3.11	**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-AF-1RW102-0719	**5.06**	**U**	10.1	5.06	3.07	**5.06**	**U**	10.1	5.06	3.07	**not detected**	**not detected**	5.06	U	5.06	U	5.06	U	5.06	U	5.06	U	5.06	U	5.06	U	5.06	U	5.06	U	5.06	U	5.06	U	5.06	U
WI-AF-1RW103-0719*	**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

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)**