

Table 4: NAS Whiting Field – 2017 through Present - Private Drinking Water Well Results

Sample ¹	PFOA (ppt)	PFOS (ppt)	PFOA+PFOS ² (ppt)	PFNA (ppt)	PFHxS (ppt)	HFPO-DA (ppt)	PFBS (ppt)	Hazard Index ³
1-3	ND	ND	ND	NM	NM	NM	ND	NC
4-11	ND	ND	ND	ND	ND	ND	ND	NC
12	26.6	1.34 J	27.9	ND	3.18	ND	0.862 J	0.3
13	6.08	1.67 J	7.75	ND	4.11	ND	1.12 J	0.4
14	11.6	3.13	14.7	ND	4.58	ND	1.95 J	0.5
15	25.1	ND	NC	ND	4.85	ND	0.795 J	0.5
16	24.1	1.99 J	26.1	ND	5	ND	0.944 J	0.5
17	20.3	2.12	22.4	ND	6.92	ND	1.44 J	0.7
18	7.62	ND	NC	ND	7.19	ND	1.29 J	0.7
19	23.6	3.29	26.9	ND	7.97	ND	0.761 J	0.8
20	8.89	0.818 J	9.71	ND	7.09	ND	1.99	1
21	31.7	2.34	34	ND	11.1	ND	1.88 J	1
22	28.5	2.37	30.9	ND	12.3	ND	0.734 J	1
23	54.9	ND	NC	ND	13	ND	2.08	1
24	13.5	19.3	32.8	0.873 J	15.4	ND	1.01 J	2
25	26.2	2.19	28.4	ND	17.4	ND	1.45 J	2
26	5.64	24.4	30	ND	17.6	ND	1.43 J	2
27	5.7	18	23.7	ND	18	ND	1.9	2
28	58.5	2.7	61.2	ND	18.3	ND	1.96	2
29	27	10	37	ND	20	ND	2.7	2
30	42.9	ND	NC	ND	22.3	ND	1.41 J	2
31	34	8.29	42.3	ND	26.3	ND	1.58 J	3
32	17.6	23.6	41.2	2.27	26.2	ND	2.08	3
33	50.8	2.22	53	ND	31.9	ND	4.1	3
34	37.4	7.56	45	ND	33.9	ND	1.59 J	3
35	140	3.62	144	ND	35.5	ND	3.14	4
36	56.7	0.771 J	57.5	ND	35.8	ND	2.2	4
37	61.3	11.2	72.5	ND	43.3	ND	2.3	4
38	48.6	5.54	54.1	ND	43.6	ND	1.8 J	4
39	19.8	77.3	97.1	1.84 J	43	ND	4.43	4
40	70.4	3.82	74.2	ND	48.8	ND	2.16	5
41	71.9	11.2	83.1	ND	54.2	ND	6.55	5
42	103	1.78 J	105	ND	61.7	ND	2.81	6
43	12.6	66.8	79.4	ND	62.1	ND	7.61	6
44	34.3	130	164	2.76	63.8	ND	4.97	7
45	25.8	16.8	42.6	ND	82.5	ND	3.4	8

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Sample ¹	PFOA (ppt)	PFOS (ppt)	PFOA+PFOS ² (ppt)	PFNA (ppt)	PFHxS (ppt)	HFPO-DA (ppt)	PFBS (ppt)	Hazard Index ³
46	162	3.62	166	ND	107	ND	4.14	11
47	180	6.45	186	ND	115	ND	13.9	12
48	206	2.55	209	ND	129	ND	7.78	13
49	764	39.5	804	0.777 J	556	ND	17.9	56
50	5.79 J	ND	NC	NM	NM	NM	ND	NC
51	6.53 J	ND	NC	NM	NM	NM	ND	NC
52	7.5 J	3.26 J	10.8	NM	NM	NM	8.75 J	NC
53	19.4	12.9 J	32.3	NM	NM	NM	13.2 J	NC
54	259	4.86 J	264	NM	NM	NM	3.79 J	NC
55	ND	ND	ND	NM	NM	NM	5.05 J	NC
56	ND	ND	ND	NM	NM	NM	3.58 J	NC
57	0.89 J	2.9	3.79	ND	2.8	ND	ND	NC
58	1.15 J	2.22	3.37	ND	3.36	ND	ND	NC
59	1.61 J	5.49	7.1	ND	4.66	ND	ND	NC
60	6.93	1.39 J	8.32	ND	10.8	ND	ND	NC
61	5.19	4.65	9.84	ND	5.51	ND	ND	NC
62	3.59	8.63	12.2	ND	1.89 J	ND	ND	NC
63	15.9	3.12	19	1.56 J	ND	ND	ND	NC
64	ND	8.32	NC	ND	3.32	ND	ND	NC
65	ND	0.798 J	NC	ND	0.786 J	ND	ND	NC
66	ND	0.831 J	NC	ND	ND	ND	ND	NC
67	ND	0.831 J	NC	ND	ND	ND	ND	NC
68	ND	0.848 J	NC	ND	ND	ND	ND	NC
69	ND	1.4 J	NC	ND	2.56	ND	ND	NC
70	5.51	ND	NC	ND	ND	ND	1.26 J	NC
71	0.973 J	ND	NC	ND	1.49 J	ND	ND	NC
72	ND	ND	ND	ND	1.12 J	ND	ND	NC
73	ND	ND	ND	ND	1.95 J	ND	ND	NC

¹ Displays the highest detected value of each PFAS analyte shown on this table per drinking water well sampled. Sample numbers demonstrate the number of wells that have been sampled but sample numbers do not correspond to a specific property.

²For any drinking water wells with PFOA and/or PFOS individually or combined above 70 ppt, the Navy can provide bottled water for drinking and cooking until a more enduring solution is implemented.

³HI = Hazard Index. Calculated for HFPO-DA, PFBS, PFNA, and PFHxS when two or more of these compounds are detected in the sample. Calculated per EPA recommendations (*Maximum Contaminant Level Goals (MCLGs) for Three Individual Per- and Polyfluoroalkyl Substances (PFAS) and a Mixture of Four PFAS*, 2024) as follows:

$$\text{Hazard Index (unitless)} = \frac{\text{HFPO-DA (ppt)}}{10 \text{ (ppt)}} + \frac{\text{PFBS (ppt)}}{2000 \text{ (ppt)}} + \frac{\text{PFNA (ppt)}}{10 \text{ (ppt)}} + \frac{\text{PFHxS (ppt)}}{10 \text{ (ppt)}}$$

PFOA+PFOS is only calculated when both are detected.

NC = not calculated

ND = not detected

J = Result is estimated

ppt = parts per trillion