

Table 3: OLF Barin – 2021 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 - 111	ND	ND	NC	ND	ND	ND	ND	NC
112	ND	ND	NC	ND	ND	ND	1.05 J	NC
113	ND	ND	NC	ND	ND	ND	2.34	NC
114	ND	ND	NC	ND	ND	ND	2.27	NC
115	ND	ND	NC	ND	ND	ND	2.88	NC
116	ND	ND	NC	ND	ND	ND	1.57 J	NC
117	ND	ND	NC	ND	ND	ND	1.75 J	NC
118	ND	ND	NC	ND	ND	ND	1.32 J	NC
119	ND	ND	NC	ND	ND	ND	0.834 J	NC
120	1.32 J	ND	NC	ND	0.737 J	ND	4.11	0.1
121	3.13	0.995 J	4.13	ND	0.81 J	ND	1.92 J	0.1
122	2.51	1.23 J	3.74	ND	0.808 J	ND	7.66	0.1
123	0.82 J	ND	0.82	ND	0.89 J	ND	5.8	0.1
124	1.29 J	4.41	5.7	ND	0.901 J	ND	0.885 J	0.1
125	3.98	0.912 J	4.89	ND	0.9 J	ND	9.34	0.1
126	2.43	1.18 J	3.61	ND	0.94 J	ND	1.57 J	0.1
127	1.5 J	ND	NC	ND	0.928 J	ND	7.2	0.1
128	4.96	5.44	10.4	ND	0.944 J	ND	7.61	0.1
129	3.82	0.894 J	4.71	ND	0.979 J	ND	1.04 J	0.1
130	3.94 J	3.51	7.45	ND	1.05 J	ND	1.15 J	0.1
131	2.25	4.9	7.15	ND	1.15 J	ND	2.46	0.1
132	6.32	ND	NC	ND	1.16 J	ND	5.73	0.1
133	9.01	3.14	12.2	ND	1.18 J	ND	7.85	0.1
134	4.1	6.5	10.6	ND	1.2 J	ND	40	0.1
135	1.52 J	1.54 J	3.06	ND	1.42 J	ND	1.31 J	0.1
136	4.18	3.08	7.26	ND	1.46 J	ND	6.04	0.1
137	2.37	4.2	6.57	ND	1.53 J	ND	2.2	0.2
138	2.18	4.58	6.76	ND	1.53 J	ND	3.07	0.2
139	8.73	3.34	12.1	ND	1.54 J	ND	1.13 J	0.2
140	2.65	4.8	7.45	ND	1.54 J	ND	3.3	0.2
141	3.64	9.33	13	ND	1.63 J	ND	7.62	0.2
142	2.88	13.9	16.8	ND	1.72 J	ND	5.79	0.2
143	8.63	6.7	15.3	ND	1.75 J	ND	1.39 J	0.2
144	5.67	5.88	11.6	ND	1.81 J	ND	11.1	0.2
145	2.3	1.52 J	3.82	ND	1.99	ND	1.26 J	0.2
146	4.9	3.8	8.7	ND	2	ND	0.60 J	0.2
147	3.89	1.89 J	5.78	ND	1.99	ND	11.2	0.2

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148	3.96	2.13	6.09	ND	2.09	ND	4.88	0.2
149	4.02	2.24	6.26	ND	2.21	ND	7.96	0.2
150	4.2	3.54	7.74	ND	2.41	ND	2.2	0.2
151	4.79	9.63	14.4	ND	2.39	ND	7.47	0.2
152	2.93	5.91	8.84	ND	2.68	ND	0.955 J	0.3
153	6.77	6.98	13.8	ND	2.68	ND	1.11 J	0.3
154	1.37 J	2.15	3.52	ND	2.94	ND	0.811 J	0.3
155	2.75	4.25	7	ND	2.95	ND	1.14 J	0.3
156	7.5	11.7	19.2	ND	3.11	ND	4	0.3
157	7.86	14.3	22.2	ND	3.09	ND	12.5	0.3
158	4.08	7.61	11.7	ND	3.14	ND	4.15	0.3
159	3.78	14.1	17.9	ND	3.57	ND	17.3	0.4
160	11	14	25	0.64 J	3.3	ND	ND	0.4
161	13.8	13.7	27.5	ND	4.01	ND	2.98	0.4
162	8.56	ND	NC	ND	4.15	ND	2.44	0.4
163	11.6	21	32.6	1.1 J	2.92	ND	30.3	0.4
164	9.19	9.44	18.6	ND	4.2	ND	3.95	0.4
165	7.8 J	12.7 J	20.5	ND	4.53	ND	8.96	0.5
166	11	12	23	1.1 J	3.4	ND	0.84 J	0.5
167	4.79	ND	NC	ND	4.62	ND	3.11	0.5
168	19.9	8.45	28.4	1.59 J	3.25	ND	ND	0.5
169	18.8	11.1	29.9	1.78 J	3.07	ND	ND	0.5
170	7.6	10.8	18.4	1.34 J	3.52	ND	1.54 J	0.5
171	13.3	4.98	18.3	ND	4.85	ND	53.4	0.5
172	20.9	3.38	24.3	ND	4.91	ND	67.3	0.5
173	10.7	14.9	25.6	ND	5.71	ND	1.37 J	0.6
174	59.1	ND	NC	ND	6.07	ND	1.37 J	0.6
175	13.7	15.8	29.5	0.998 J	5.12	ND	2.89	0.6
176	14.8	14.1	28.9	1.34 J	4.82	ND	1.01 J	0.6
177	18	13.4	31.4	0.774 J	5.62	ND	ND	0.6
178	14.1	12.7	26.8	2.15	4.64	ND	ND	0.7
179	18.7	3.71	22.4	ND	7.1	ND	2.69	0.7
180	19	14.8	33.8	ND	7.29	ND	12.6	0.7
181	11	24.3	35.3	4.2	3.16	ND	ND	0.7
182	12.5	9.59	22.1	ND	7.56	ND	7.94	0.8
183	19.7	25.9	45.6	3.86	4.45	ND	ND	0.8
184	12.8	7.02	19.8	ND	8.58	ND	6.49	0.9

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185	36.5	2.11	38.6	ND	9.58	ND	2.82	1
186	7.7	64	71.7	1.7 J	8.2	ND	0.57 J	1
187	28.4	13.8	42.2	ND	10.3	ND	0.805 J	1
188	14.3	8.32	22.6	0.795 J	11	ND	2.8	1
189	5.83	57.3	63.1	1.42 J	11.8	ND	ND	1
190	8.1	34.2	42.3	2 J	15.6	ND	0.881 J	2
191	55.3	1.21 J	56.5	ND	19	ND	5.48	2
192	55.6	28.2	83.8	1.31 J	23.2	ND	1.79 J	2
193	195	11.6	207	ND	26.4	ND	0.972 J	3
194	291	3.02	294	0.826 J	32.6	ND	8.05	3
195	2.23	ND	NC	ND	ND	ND	ND	NC
196	2.33	3.12	5.45	ND	ND	ND	ND	NC
197	2.4	2.46	4.86	ND	ND	ND	ND	NC
198	2.41	4.71	7.12	ND	ND	ND	ND	NC
199	2.57	1.61 J	4.18	ND	ND	ND	ND	NC
200	2.64	1.28 J	3.92	ND	ND	ND	2.54	NC
201	3.22	2.65	5.87	ND	ND	ND	1.69 J	NC
202	3.69	ND	NC	ND	0.857 J	ND	ND	NC
203	4	1.3 J	5.3	ND	0.65 J	ND	ND	NC
204	4.07	1.16 J	5.23	ND	ND	ND	ND	NC
205	4.45	13.9	18.4	ND	2.02	ND	ND	NC
206	5.07	6	11.1	ND	ND	ND	1.76 J	NC
207	5.36	8.94	14.3	ND	1.7 J	ND	ND	NC
208	6.77	2.4	9.17	ND	1.07 J	ND	ND	NC
209	7.17	6.06	13.2	ND	2.3	ND	ND	NC
210	12.9	10.1	23	ND	3.47	ND	ND	NC
211	20.9	5	25.9	ND	5.67	ND	ND	NC
212	22.8	7.51	30.3	ND	7.05	ND	ND	NC
213	24.2	7.98	32.2	ND	6.85	ND	ND	NC
214	28.1	9.84	37.9	ND	6.51	ND	ND	NC
215	53.7	8.61	62.3	ND	5.91	ND	ND	NC
216	67.1	1.13 J	68.2	ND	ND	ND	ND	NC
217	123	1.48 J	124	ND	13	ND	ND	NC
218	0.765 J	1.51 J	2.28	ND	ND	ND	ND	NC
219	0.77 J	1.1 J	1.87	ND	0.69 J	ND	ND	NC
220	0.77 J	1.49 J	2.26	ND	ND	ND	ND	NC
221	0.797 J	ND	NC	ND	ND	ND	1.02 J	NC

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222	0.821 J	ND	NC	ND	ND	ND	ND	NC
223	0.822 J	12.7	13.5	ND	3.22	ND	ND	NC
224	0.832 J	ND	NC	ND	ND	ND	1.51 J	NC
225	0.866 J	1.04 J	1.91	ND	ND	ND	ND	NC
226	0.89 J	ND	NC	ND	ND	ND	ND	NC
227	0.902 J	ND	NC	ND	ND	ND	ND	NC
228	0.922 J	0.951 J	1.87	ND	ND	ND	ND	NC
229	1 J	4.71	5.71	ND	ND	ND	ND	NC
230	1.01 J	96.5	97.5	ND	13.7	ND	ND	NC
231	1.04 J	ND	NC	ND	ND	ND	ND	NC
232	1.06 J	ND	NC	ND	ND	ND	ND	NC
233	1.09 J	2.9	3.99	ND	ND	ND	ND	NC
234	1.09 J	1.09 J	2.18	ND	ND	ND	0.808 J	NC
235	1.09 J	ND	NC	ND	1.04 J	ND	ND	NC
236	1.21 J	1.52 J	2.73	ND	ND	ND	1.13 J	NC
237	1.21 J	ND	NC	ND	ND	ND	4.9	NC
238	1.32 J	2.51	3.83	ND	ND	ND	1.3 J	NC
239	1.4 J	0.859 J	2.26	ND	ND	ND	ND	NC
240	1.41 J	ND	NC	ND	ND	ND	0.913 J	NC
241	1.41 J	ND	NC	ND	ND	ND	ND	NC
242	1.43 J	0.838 J	2.27	ND	ND	ND	1.79 J	NC
243	1.5 J	2.33	3.83	ND	ND	ND	2.53	NC
244	1.51 J	2.04	3.55	ND	ND	ND	1.14 J	NC
245	1.51 J	2.99	4.5	ND	ND	ND	ND	NC
246	1.52 J	1.94 J	3.46	ND	ND	ND	2.9	NC
247	1.55 J	ND	NC	ND	ND	ND	ND	NC
248	1.57 J	ND	NC	ND	ND	ND	ND	NC
249	1.68 J	1.88 J	3.56	ND	ND	ND	ND	NC
250	1.83 J	6.74	8.57	ND	3.52	ND	ND	NC
251	1.89 J	ND	NC	ND	ND	ND	ND	NC
252	3.47 J	ND	NC	ND	ND	ND	ND	NC
253	ND	2.28	NC	ND	ND	ND	ND	NC
254	ND	2.82	NC	ND	ND	ND	ND	NC
255	ND	8.43	NC	ND	ND	ND	ND	NC
256	ND	21	NC	ND	2.77	ND	ND	NC
257	ND	0.816 J	NC	ND	ND	ND	ND	NC
258	ND	0.846 J	NC	ND	ND	ND	ND	NC

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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
259	ND	0.975 J	NC	ND	ND	ND	1.8 J	NC
260	ND	0.992 J	NC	ND	ND	ND	10.1	NC
261	ND	1.26 J	NC	ND	ND	ND	0.826 J	NC
262	ND	1.33 J	NC	ND	ND	ND	ND	NC
263	ND	1.87 J	NC	ND	ND	ND	ND	NC
264	ND	1.91 J	NC	ND	ND	ND	ND	NC
265	ND	1.98 J	NC	ND	ND	ND	ND	NC
266	ND	1.99 J	NC	ND	ND	ND	ND	NC
267	ND	ND	NC	ND	0.986 J	ND	ND	NC

¹Displays 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:

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

PFOA+PFOS is only calculated when both are detected.

NC = not calculated

ND = not detected

J = Result is estimated

ppt = parts per trillion