

NBK-Bangor Drinking Water Validated Sampling Results

Sample ID	PFOS (ng/L, ppt)	Q	PFOA (ng/L, ppt)	Q	PFOS + PFOA (ng/L, ppt)†	PFBS (ng/L, ppt)	Q	PFNA (ng/L, ppt)	Q	PFHxS (ng/L, ppt)	Q
1*	Not Detected		200		200	Not Detected		Not Detected		Not Detected	
2*	19.39		57.44		76.83	0.24 J		0.32 J		1.12 J	
3*	25.9		12.5		38.4	11		0.872 J		18.9	
4	3.45		22.71		26.16	1.95 J		0.51 J		4.9	
5	Not Detected		17.61		17.61	Not Detected		Not Detected		0.11 J	
6	2.36		13.92		16.28	Not Detected		1.4 J		0.18 J	
7	5.13		3.6		8.73	1.69 J		1.94		4.55	
8	Not Detected		6.67		6.67	Not Detected		Not Detected		Not Detected	
9	2.61		4.04		6.65	0.75 J		0.14 J		1.92 J	
10	Not Detected		6.54		6.54	0.37 J		Not Detected		0.25 J	
11	1.97 J		3.68		5.65	0.78 J		0.14 J		0.46 J	
12	2.46		2.82		5.28	3.39		Not Detected		3.73	
13	0.74 J		4.39		5.13	1.08 J		Not Detected		2.44	
14	1.44 J		3.61		5.05	3.38		Not Detected		1.89	
15*	Not Detected		5.03		5.03	0.33 J		Not Detected		0.23 J	
16	2.13 J		2.71		4.84	Not Detected		0.28 J		0.85 J	
17	3.93		0.79 J		4.72	0.34 J		Not Detected		0.37 J	
18	4.14		0.43 J		4.57	2.6		0.88 J		6.66	
19	2.94		0.24 J		3.18	0.45 J		Not Detected		2.56	
20	2.37		0.3 J		2.67	1.3 J		Not Detected		6.5	
21	1.78 J		0.89 J		2.67	0.74 J		Not Detected		5.04	
22	2.34		Not Detected		2.34	2.85		0.3 J		2.34	
23	1.03 J		1.02 J		2.05	0.33 J		Not Detected		0.18 J	
24	0.19 J		1.74 J		1.93	0.2 J		Not Detected		1.06 J	
25	0.79 J		0.73 J		1.52	0.19 J		Not Detected		0.16 J	
26	0.41 J		0.92 J		1.33	0.23 J		Not Detected		Not Detected	
27	1.31 J		Not Detected		1.31	2.2 J		Not Detected		2.92	
28*	Not Detected		1.28 J		1.28	2.61		Not Detected		1.21 J	
29*	1.28 J		Not Detected		1.28	0.88 J		Not Detected		1.15 J	
30	Not Detected		1.25 J		1.25	Not Detected		Not Detected		Not Detected	
31	Not Detected		1.21 J		1.21	0.64 J		Not Detected		0.53 J	
32	Not Detected		1.1 J		1.1	5.21		Not Detected		0.35 J	
33	0.46 J		0.6 J		1.06	0.27 J		Not Detected		1.21 J	
34	0.36 J		0.67 J		1.03	0.14 J		Not Detected		0.12 J	
35	Not Detected		0.97 J		0.97	0.6 J		Not Detected		0.4 J	
36*	0.31 J		0.61 J		0.92	Not Detected		4.13		Not Detected	
37	0.127 J		0.741 J		0.868	2.34		Not Detected		3.33	
38	Not Detected		0.86 J		0.86	0.67 J		Not Detected		0.45 J	
39	Not Detected		0.85 J		0.85	0.91 J		Not Detected		0.88 J	
40	0.49 J		0.34 J		0.83	Not Detected		Not Detected		Not Detected	
41	0.14 J		0.67 J		0.81	1.03 J		Not Detected		0.73 J	
42*	0.47 J		0.3 J		0.77	0.32 J		Not Detected		Not Detected	
43*	0.44 J		0.27 J		0.71	Not Detected		Not Detected		Not Detected	
44	0.39 J		0.3 J		0.69	0.34 J		Not Detected		0.15 J	
45*	0.23 J		0.42 J		0.65	Not Detected		Not Detected		Not Detected	
46	0.3 J		0.35 J		0.65	0.46 J		Not Detected		0.24 J	
47	0.16 J		0.45 J		0.61	1.06 J		Not Detected		1.24 J	
48	0.59 J		Not Detected		0.59	1.14 J		Not Detected		2.22 J	
49	Not Detected		0.57 J		0.57	0.84 J		Not Detected		1.99 J	
50	0.2 J		0.36 J		0.56	0.15 J		Not Detected		0.66 J	
51	0.28 J		0.23 J		0.51	Not Detected		Not Detected		Not Detected	
52*	Not Detected		0.483 J		0.483	Not Detected		Not Detected		Not Detected	
53	0.13 J		0.34 J		0.47	0.31 J		Not Detected		0.13 J	
54	Not Detected		0.47 J		0.47	0.57 J		Not Detected		0.18 J	
55	Not Detected		0.46 J		0.46	0.14 J		Not Detected		Not Detected	
56	0.45 J		Not Detected		0.45	1.18 J		Not Detected		1.32 J	
57	0.44 J		Not Detected		0.44	1.28 J		0.11 J		0.97 J	
58	0.23 J		0.2 J		0.43	Not Detected		0.15 J		Not Detected	
59*	0.424 J		Not Detected		0.424	Not Detected		Not Detected		Not Detected	
60	Not Detected		0.42 J		0.42	0.47 J		Not Detected		0.17 J	

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61	0.41 J		Not Detected		0.41	Not Detected		Not Detected		Not Detected	
62*	Not Detected		0.41 J		0.41	0.37 J		Not Detected		0.59 J	
63	0.39 J		Not Detected		0.39	0.22 J		Not Detected		0.24 J	
64	0.15 J		0.23 J		0.38	Not Detected		Not Detected		0.12 J	
65*	0.37 J		Not Detected		0.37	0.15 J		Not Detected		0.48 J	
66*	Not Detected		0.37 J		0.37	Not Detected		Not Detected		Not Detected	
67*	Not Detected		0.36 J		0.36	0.41 J		Not Detected		Not Detected	
68*	Not Detected		0.35 J		0.35	Not Detected		Not Detected		Not Detected	
69	0.33 J		Not Detected		0.33	Not Detected		Not Detected		Not Detected	
70	0.32 J		Not Detected		0.32	Not Detected		Not Detected		Not Detected	
71	0.32 J		Not Detected		0.32	Not Detected		Not Detected		Not Detected	
72*	0.3 J		Not Detected		0.3	Not Detected		Not Detected		Not Detected	
73	0.3 J		Not Detected		0.3	0.33 J		Not Detected		0.12 J	
74	0.27 J		Not Detected		0.27	0.77 J		Not Detected		1.3 J	
75	0.26 J		Not Detected		0.26	63.23		Not Detected		Not Detected	
76	0.26 J		Not Detected		0.26	Not Detected		Not Detected		Not Detected	
77*	Not Detected		0.24 J		0.24	Not Detected		Not Detected		Not Detected	
78	Not Detected		0.22 J		0.22	0.84 J		Not Detected		0.14 J	
79	0.22 J		Not Detected		0.22	Not Detected		Not Detected		Not Detected	
80	0.21 J		Not Detected		0.21	1.07 J		Not Detected		1.4 J	
81	0.21 J		Not Detected		0.21	0.78 J		Not Detected		0.71 J	
82	0.2 J		Not Detected		0.2	0.19 J		Not Detected		Not Detected	
83	0.19 J		Not Detected		0.19	Not Detected		Not Detected		Not Detected	
84	Not Detected		0.19 J		0.19	Not Detected		Not Detected		Not Detected	
85	0.18 J		Not Detected		0.18	0.13 J		Not Detected		Not Detected	
86	0.17 J		Not Detected		0.17	0.14 J		Not Detected		0.12 J	
87*	0.17 J		Not Detected		0.17	Not Detected		Not Detected		Not Detected	
88*	0.16 J		Not Detected		0.16	0.5 J		Not Detected		0.92 J	
89	0.15 J		Not Detected		0.15	Not Detected		Not Detected		Not Detected	
90	0.15 J		Not Detected		0.15	Not Detected		Not Detected		Not Detected	
91	0.15 J		Not Detected		0.15	0.14 J		Not Detected		0.23 J	
92	0.14 J		Not Detected		0.14	Not Detected		Not Detected		Not Detected	
93*	0.14 J		Not Detected		0.14	Not Detected		Not Detected		Not Detected	
94	0.13 J		Not Detected		0.13	0.62 J		Not Detected		1.15 J	
95	0.13 J		Not Detected		0.13	Not Detected		Not Detected		Not Detected	
96	0.13 J		Not Detected		0.13	Not Detected		Not Detected		Not Detected	
97*	0.13 J		Not Detected		0.13	0.19 J		Not Detected		Not Detected	
98	Not Detected		Not Detected		Not Detected	0.23 J		Not Detected		0.3 J	
99*	Not Detected		Not Detected		Not Detected	Not Detected		Not Detected		Not Detected	
100	Not Detected		Not Detected		Not Detected	Not Detected		Not Detected		Not Detected	
101	Not Detected		Not Detected		Not Detected	Not Detected		Not Detected		Not Detected	
102*	Not Detected		Not Detected		Not Detected	Not Detected		Not Detected		Not Detected	
103	Not Detected		Not Detected		Not Detected	Not Detected		Not Detected		Not Detected	
104	Not Detected		Not Detected		Not Detected	Not Detected		Not Detected		Not Detected	
105	Not Detected		Not Detected		Not Detected	Not Detected		Not Detected		Not Detected	
106	Not Detected		Not Detected		Not Detected	Not Detected		Not Detected		Not Detected	
107	Not Detected		Not Detected		Not Detected	0.65 J		Not Detected		Not Detected	
108	Not Detected		Not Detected		Not Detected	Not Detected		Not Detected		Not Detected	
109	Not Detected		Not Detected		Not Detected	Not Detected		Not Detected		Not Detected	
110	Not Detected		Not Detected		Not Detected	Not Detected		Not Detected		Not Detected	
111	Not Detected		Not Detected		Not Detected	Not Detected		Not Detected		Not Detected	
112	Not Detected		Not Detected		Not Detected	Not Detected		Not Detected		Not Detected	
113	Not Detected		Not Detected		Not Detected	Not Detected		Not Detected		Not Detected	
114	Not Detected		Not Detected		Not Detected	0.38 J		Not Detected		Not Detected	
115	Not Detected		Not Detected		Not Detected	Not Detected		Not Detected		Not Detected	
116	Not Detected		Not Detected		Not Detected	Not Detected		Not Detected		Not Detected	
117	Not Detected		Not Detected		Not Detected	Not Detected		Not Detected		Not Detected	
118	Not Detected		Not Detected		Not Detected	Not Detected		Not Detected		Not Detected	
119	Not Detected		Not Detected		Not Detected	Not Detected		Not Detected		Not Detected	
120	Not Detected		Not Detected		Not Detected	Not Detected		Not Detected		Not Detected	

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301	Not Detected		Not Detected		Not Detected	Not Detected		Not Detected		Not Detected	
302	Not Detected		Not Detected		Not Detected	0.31 J		Not Detected		0.15 J	
303	Not Detected		Not Detected		Not Detected	Not Detected		Not Detected		Not Detected	
304	Not Detected		Not Detected		Not Detected	0.29 J		Not Detected		0.14 J	
305	Not Detected		Not Detected		Not Detected	Not Detected		Not Detected		Not Detected	
306*	Not Detected		Not Detected		Not Detected	Not Detected		Not Detected		Not Detected	
307	Not Detected		Not Detected		Not Detected	Not Detected		Not Detected		Not Detected	
308	Not Detected		Not Detected		Not Detected	Not Detected		Not Detected		Not Detected	
309	Not Detected		Not Detected		Not Detected	0.78 J		Not Detected		0.27 J	
310	Not Detected		Not Detected		Not Detected	Not Detected		Not Detected		Not Detected	
311	Not Detected		Not Detected		Not Detected	Not Detected		Not Detected		Not Detected	
312	Not Detected		Not Detected		Not Detected	Not Detected		Not Detected		Not Detected	
313	Not Detected		Not Detected		Not Detected	Not Detected		Not Detected		Not Detected	
314	Not Detected		Not Detected		Not Detected	Not Detected		Not Detected		Not Detected	
315*	Not Detected		Not Detected		Not Detected	Not Detected		Not Detected		Not Detected	
316	Not Detected		Not Detected		Not Detected	Not Detected		Not Detected		Not Detected	
317	Not Detected		Not Detected		Not Detected	Not Detected		Not Detected		Not Detected	
318	Not Detected		Not Detected		Not Detected	Not Detected		Not Detected		Not Detected	
319	Not Detected		Not Detected		Not Detected	Not Detected		Not Detected		Not Detected	
320	Not Detected		Not Detected		Not Detected	Not Detected		Not Detected		Not Detected	
321	Not Detected		Not Detected		Not Detected	Not Detected		Not Detected		Not Detected	
322	Not Detected		Not Detected		Not Detected	Not Detected		Not Detected		Not Detected	
323	Not Detected		Not Detected		Not Detected	Not Detected		Not Detected		Not Detected	
324	Not Detected		Not Detected		Not Detected	Not Detected		Not Detected		Not Detected	
325	Not Detected		Not Detected		Not Detected	Not Detected		Not Detected		Not Detected	
326	Not Detected		Not Detected		Not Detected	0.2 J		Not Detected		Not Detected	
327	Not Detected		Not Detected		Not Detected	0.87 J		Not Detected		0.13 J	
328	Not Detected		Not Detected		Not Detected	Not Detected		Not Detected		Not Detected	
329	Not Detected		Not Detected		Not Detected	Not Detected		Not Detected		Not Detected	
330	Not Detected		Not Detected		Not Detected	0.76 J		Not Detected		0.26 J	
331	Not Detected		Not Detected		Not Detected	Not Detected		Not Detected		Not Detected	
332	Not Detected		Not Detected		Not Detected	Not Detected		Not Detected		Not Detected	
333	Not Detected		Not Detected		Not Detected	Not Detected		Not Detected		Not Detected	
334	Not Detected		Not Detected		Not Detected	Not Detected		Not Detected		Not Detected	
335	Not Detected		Not Detected		Not Detected	Not Detected		Not Detected		Not Detected	
336	Not Detected		Not Detected		Not Detected	0.17 J		Not Detected		0.12 J	
337	Not Detected		Not Detected		Not Detected	0.55 J		Not Detected		0.44 J	
338	Not Detected		Not Detected		Not Detected	Not Detected		Not Detected		Not Detected	
339	Not Detected		Not Detected		Not Detected	Not Detected		Not Detected		Not Detected	
340	Not Detected		Not Detected		Not Detected	Not Detected		Not Detected		Not Detected	
341*	Not Detected		Not Detected		Not Detected	Not Detected		Not Detected		0.18 J	
342	Not Detected		Not Detected		Not Detected	Not Detected		Not Detected		Not Detected	
343	Not Detected		Not Detected		Not Detected	Not Detected		Not Detected		Not Detected	

Notes:

* Indicates a duplicate sample was collected or there were multiple sampling events at this location; the highest concentration detected for each chemical is reported.

† PFOS and PFOA are summed when both compounds are detected.
ng/L, ppt = nanograms per liter, parts per trillion

ID = identification

PFOS = perfluorooctane sulfonate

PFOA = perfluorooctanoic acid

PFBS = perfluorobutane sulfonate

PFNA = perfluorononanoic acid

PFHxS = perfluorohexanesulfonic acid

Q = data qualifier

PFOS and/or PFOA not detected

PFOS and/or PFOA detection below 70 ppt

PFOS and/or PFOA detection above 70 ppt

The "J" qualifier means that the result detected is an estimated level.

Data is based on validated data through August 15, 2023.

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.

Washington State Action Levels

PFOS = 15 ppt

PFOA = 10 ppt

PFBS = 345 ppt

PFNA = 13 ppt

PFHxS = 65 ppt