

Table 3.11-6
Brookhaven National Laboratory
Current Firehouse Area Temporary Monitoring Well PFC-GP-37
Installed November 12-13, 2018
PFAS Concentrations in Nanograms per Liter (ng/L)

	Perfluorooctanesulfonate (PFOS)	Perfluoroundecanoic acid (PFUdA)	N-methylperfluoro-1-octanesulfonamidoacetic acid	Perfluoropentanoic acid (PFPeA)	Perfluoropentanesulfonate (PFPeS)	N-ethylperfluoro-1-octanesulfonamidoacetic acid	Perfluorohexanoic acid (PFHxA)	Perfluorododecanoic acid (PFDoA)	Perfluorooctanoic acid (PFOA)	Perfluorodecanoic acid (PFDA)	Perfluorodecane sulfonate (PFDS)	Perfluorohexanesulfonate (PFHxS)	Perfluorobutyric acid (PFBA)	Perfluorobutanesulfonate (PFBS)	Perfluoroheptanoic acid (PFHpA)	Perfluoroheptanesulfonate (PFHpS)	Perfluorononanoic acid (PFNA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorononanesulfonate (PFNS)	Perfluorotridecanoic acid (PFTrDA)	Perfluorooctanesulfonamide (PFOSA)	PFOA/PFOS (Combined)	
BLS																							
48-52	4,840	<	<	1,780	726	<	1,280	<	80.2	<	<	3,200	449	1,220	187	51.6	<	<	<	<	<	<	4,920
48-52D	5,130	<	<	1,600	620	<	1,210	<	73.2	<	<	2,940	390	1,100	156	45.3	<	<	<	<	<	<	5,203
52-56	22.2	<	<	31.2	15.1	<	24.8	<	2.4	<	<	54.4	8.7	20.3	3.1	<	<	<	<	<	<	<	24.6
56-60	39.2	<	<	1.4J	1.7J	<	3.3	<	3.1	<	<	11.8	<	1.6J	1.1J	<	0.9J	<	<	<	<	<	42.3
60-64	36.3	<	<	1.5J	2.3	<	4	<	3.6	<	<	17.2	1.6J	2	0.8J	<	1.4J	<	<	<	<	<	39.9
64-68	29.6	<	<	1.4J	1.8	<	4.6	<	2.4	<	<	14.7	1.1J	1.5J	0.7J	<	0.9J	<	<	<	<	<	32
68-72	38.5	<	<	1.3J	1.7J	<	4.2	<	2.4	<	<	14.8	<	1.2J	<	0.6J	0.9J	<	<	<	<	<	40.9
72-76	42.5	<	<	1.4J	1.1J	<	4.2	<	2.1	<	<	9.5	0.7J	0.7J	0.7J	<	<	<	<	<	<	<	44.6
76-80	42.1	<	<	1.4J	1.1J	<	4.5	<	1.9J	<	<	9.6	<	0.8J	0.8J	<	<	<	<	<	<	<	44
80-84	54.4	<	<	1.4J	1.2J	<	3.9	<	2.4	<	<	12.1	<	0.9J	<	0.7J	0.8J	<	<	<	<	<	56.8
84-88	47.2	<	<	0.8J	1.3J	<	2.3	<	2.5	<	<	12	0.7J	0.9J	<	<	1.1J	<	<	<	<	<	49.7
88-92	39.5	<	<	0.7J	1.3J	<	3.1	<	3.5	<	<	12.4	0.7J	0.9J	<	<	0.9J	<	<	<	<	<	43
92-96	24.2	<	<	<	1J	<	3.1	<	1.8J	<	<	8.5	0.6J	0.9J	<	<	0.9J	<	<	<	<	<	26
96-100	26.7	<	<	<	1.3J	<	2.9	<	2.6	<	<	8.9	<	0.8J	<	<	<	<	<	<	<	<	29.3
100-104	51	<	<	<	2.1	<	3.2	<	2.8	<	<	15	0.8J	1.3J	<	0.7J	0.7J	<	<	<	<	<	53.8
104-108	24.3	<	<	<	1.7J	<	1.6J	<	1.2J	<	<	13	<	1.2J	<	<	<	<	<	<	<	<	25.5
108-112	8.7	<	<	<	0.9J	<	1.1J	<	1.2J	<	<	6.5	<	<	<	<	<	<	<	<	<	<	9.9
112-116	2.5	<	<	<	<	<	0.6J	<	<	<	<	0.7J	<	<	<	<	<	<	<	<	<	<	2.5

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116-120	2.7	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	2.7
128-132	1.9	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	1.9

BLS: Sample depth in feet below ground surface.

D: Blind duplicate. J: Estimated concentration

<: Not detected.

Typical detection limit is 0.6 ng/L