

Table 3.11-8
Brookhaven National Laboratory
Current Firehouse Area Temporary Monitoring Well PFC-GP-39
Installed November 26-27, 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	286	1.8J	<	15.8	3.2	<	14	<	12.7	6.6	<	60.3	5	1.5J	15.5	2.4	5.8	<	<	<	1.6J	298.7	
52-56	46.9	<	<	10	0.8J	<	10	<	5	2.9	<	17.6	5.2	0.9J	10	<	1.9	<	<	<	<	51.9	
56-60	134	<	<	8.4	8.8	<	12.1	<	11	0.7J	<	82	8.7	7.9	4.9	1.3J	1.2J	<	<	<	<	145	
64-68	9.6	<	<	<	0.6J	<	1.5	<	1.5J	<	<	4.9	<	1.9J	<	<	<	<	<	<	<	11.1	
68-72	43.1	<	<	1.2J	2.1	<	4.5	<	2.5	<	<	17	1.3J	2	0.9J	0.6J	1.1J	<	<	<	<	45.6	
72-76	58.6	<	<	2.6	3.2	<	7.1	<	2.5	<	<	23.2	1.3J	2.1	1.4J	0.8J	1.7J	<	<	<	<	61.1	
76-80	71.1	<	<	2.3	3.1	<	6.4	<	2.1	<	<	24.6	1.6J	2	1.2J	0.9J	2.2	<	<	<	<	73.2	
76-80D	91.1	<	<	2.9	3.6	<	7.9	<	2.5	<	<	28.1	1.9J	2.8	1.6J	1.3J	2.2	<	<	<	<	93.6	
80-84	79.2	<	<	2.5	3.1	<	6.9	<	1.9J	<	<	27	2	2	0.9J	1J	1.8J	<	<	<	<	81.1	
84-88	99.5	<	<	2.9	3.6	<	8	<	1.8J	<	<	27.1	2.4	2.3	1.3J	1.2J	0.9J	<	<	<	<	101.3	
88-92	86.4	<	<	2.5	3.6	<	6.8	<	1.6J	<	<	25.2	1.6J	2	0.9J	1.1J	0.7J	<	<	<	<	88	
92-96	102	<	<	3.2	4.1	<	10.5	<	2.6	<	<	31.9	1.2J	2.8	1.6J	1.4J	0.9J	<	<	<	<	104.6	
96-100	95.3	<	<	4.7	4.2	<	14.5	<	5.7	<	<	30.6	1.4J	3.1	2.9	1.5J	1.6J	<	<	<	<	101	
100-104	67.6	<	<	3.9	4.7	<	12.2	<	6.4	<	<	30.1	1.6J	3	2.4	1.2J	1.7J	<	<	<	<	74	
104-108	33.9	<	<	1J	3.3	<	5.1	<	2.5	<	<	23.3	<	2.3	0.8J	0.8J	1.1J	<	<	<	<	36.4	
108-112	19.3	<	<	<	2	<	2.8	<	1J	<	<	13.5	<	1.6J	<	<	<	<	<	<	<	20.3	
112-116	2.7	<	<	<	<	<	1.1J	<	<	<	<	1.1J	<	<	<	<	<	<	<	<	<	2.7	
116-120	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	
128-132	0.8J	<	<	<	<	<	<	<	<	<	<	0.9J	<	<	<	<	<	<	<	<	<	0.8	

BLS: Sample depth in feet below ground surface. D: Blind duplicate. J: Estimated concentration. <: Not detected. Typical detection limit is 0.6 ng/L