

Table 3.11-7
Brookhaven National Laboratory
Current Firehouse Area Temporary Monitoring Well PFC-GP-38
Installed November 7, 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 (PFOA)	PFOA/PFOS (Combined)
BLS																						
48-52	6,780	<	<	122	163	<	2.7	<	187	2.6	0.8J	2,550	50.3	59.2	60.3	140	10.4J	<	2.5	<	4.3	6,967
52-56	12,200	<	<	152	157	<	211	<	240	3.7	<	3,100	63.2	83.2	77	259	12.2J	<	3.9	<	3.2	12,440
56-60	36.7	<	<	5.1	1.4J	<	4.3	<	2.2	<	<	11.3	<	2	0.9J	0.9J	<	<	<	<	<	38.9
60-64	22.4	<	<	1.4J	1.9	<	4.1	<	2.4	<	<	13.4	<	1.8	0.7J	<	0.9J	<	<	<	<	24.8
64-68	32.2	<	<	1.7J	2.1	<	6.1	<	2.8	<	<	17.4	0.9J	1.7J	0.9J	<	1.2J	<	<	<	<	35
68-72	40.2	<	<	1.7J	1.2J	<	6.4	<	2.2	<	<	10.9	<	1J	0.9J	<	0.9J	<	<	<	<	42.4
72-76	41.5	<	<	1.5J	1.3J	<	5.4	<	2.1	<	<	10.8	<	0.9J	0.7J	<	0.9J	<	<	<	<	43.6
76-80	24.6	<	<	0.9J	0.9J	<	3.8	<	1.7J	<	<	8.3	<	0.9J	<	<	0.7J	<	<	<	<	26.3
80-84	33.2	<	<	1.2J	1.3J	<	3.7	<	2.2	<	<	11.8	0.9J	1.4J	<	<	1.9J	<	<	<	<	35.4
84-88	33.3	0.7J	<	0.9J	1.3J	<	3.7	<	1.7J	<	<	11.7	0.7J	1.2J	<	<	0.7J	<	<	<	<	35
88-92	39.6	<	<	1.1J	1.1J	<	4.8	<	1.6J	<	<	10.5	<	1.1J	0.6J	<	<	<	<	<	<	41.2
92-96	36.2	<	<	1.2J	1.3J	<	4.9	<	1.4J	<	<	11.3	0.7J	1.2J	<	<	<	<	<	<	<	37.6
96-100	54.6	<	<	1.8J	2.6	<	6.8	<	2.5	<	<	22.3	1.5J	1.9	0.8J	0.8J	1.3J	<	<	<	<	57.1
100-104	65.9	<	<	1.3J	3.3	<	5.6	<	1.8J	<	<	26.8	0.9J	2.2	<	1J	<	<	<	<	<	67.7
104-108	58.2	<	<	1.5J	2.2	<	6.1	<	2.1	<	<	17.7	0.8J	1.5J	0.6J	0.8J	0.7J	<	<	<	<	60.3
108-112	53.9	<	<	1.4J	2	<	5.7	<	2.1	<	<	17.2	0.8J	1.4J	<	0.6J	0.7J	<	<	<	<	56

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112-116	31.5	<	<	0.9J	1.7J	<	3.7	<	1.4J	<	<	13	0.6J	1.2J	<	<	<	<	<	<	<	32.9
116-120	51.7	<	<	1.2J	1.9	<	3.7	<	1.8J	<	<	15.5	0.9J	1.6J	<	0.8J	0.7J	<	<	<	<	53.5
128-132	35.3	<	<	0.7J	2	<	3.5	<	1.7J	<	<	15.8	<	1.8J	<	0.6J	0.8J	<	<	<	<	37

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