

Table 3.11-55
Brookhaven National Laboratory
South Boundary Temporary Well PFC-GP-47
Installed April 24-25, 2019
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)	Perfluorodecanesulfonate (PFDS)	Perfluorohexanesulfonate (PFHxS)	Perfluorobutyric acid (PFBA)	Perfluorobutanesulfonate (PFBS)	Perfluorohexanoic acid (PFHpA)	Perfluorohexanesulfonate (PFHpS)	Perfluorononanoic acid (PFNA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluoronanesulfonate (PFNS)	Perfluorotridecanoic acid (PFTrDA)	Perfluorooctanesulfonamide (PFOSA)	PFOS/PFOA (Combined)	
BLS																							
60-64	0.7J	<	<	<	<	<	<	<	<	<	<	0.6J	1.3J	<	<	<	<	<	<	<	<	<	0.7
70-74	9.1	<	<	9	0.6J	<	11.1	<	4.5	0.6J	<	6.1	7.1	1.2J	3.7	<	1.6J	<	<	<	<	<	13.6
80-84	8	<	<	13.5	0.8J	<	13.3	<	4.4	<	<	7.8	8.5	1.3J	4.5	<	1.2J	<	<	<	<	<	12.4
90-94	6.5	<	<	14.7	<	<	11.6	<	3.6	<	<	5	6.4	0.9J	4.3	<	1J	<	<	<	<	<	10.1
100-104	7.1	<	<	8.4	0.7J	<	12.5	<	2.6	<	<	5.2	3.2	0.9J	3.6	<	1.4J	<	<	<	<	<	9.7
110-114	6.5	<	<	14.7	0.6J	<	18.6	<	4.8	<	<	5.4	5.5	0.8J	6.6	<	1.7J	<	<	<	<	<	11.3
120-124	7.7	<	<	<	<	<	<	<	0.9J	<	<	6	2.3	0.8J	<	<	0.7J	<	<	<	<	<	8.6
130-134	11.9	<	<	2.2	1.6J	<	3.3	<	4.8	1J	<	7.2	4.4	2	1.1J	<	3.4	<	<	<	<	<	16.7
130-134 D	14.8	<	<	1.2	2	<	3.4	<	5.4	1J	<	8.4	5.4	2.8	1.2J	<	3.3	<	<	<	<	<	20.2
140-144	9.4	<	<	1.4	1.5J	<	2.8	<	2.7	<	<	7.2	4.4	2.1	1.4J	<	3.5	<	<	<	<	<	12.1

BLS: Sample depth in feet below ground surface. <: Not detected. Typical detection limit is 0.6 ng/L for PFAS.

D: Blind duplicate

J: Estimated concentration