

Table 3.11-47
Brookhaven National Laboratory
OU III South Boundary Treatment System Monitoring Results
Sampled December 14, 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)	Perfluoronanesulfonate (PFNS)	Perfluorotridecanoic acid (PFTTrDA)	Perfluorooctanesulfonamide (PFOSA)	PFOA/PFOS (Combined)
Sample																						
EW-3	3.5	<	<	<	0.8J	<	<	<	2.5	<	<	6.3	7.2	0.9J	<	<	<	<	<	<	<	6
EW-3D	3.5	<	<	<	0.8J	<	<	<	2.9	<	<	5.9	7.2	0.9J	<	<	<	<	<	<	<	6.4
EW-4	17.6	<	<	3	3.5	<	8.7	<	10.9	<	<	58.2	7.7	2.7	2.7	0.9J	1.1J	<	<	<	<	28.5
EW-5	18.9	<	<	1.5J	3.8	<	7.6	<	12.5	<	<	69.7	24.6	2.7	1.3J	0.8J	1.1J	<	<	<	<	31.4
EW-6	11.7	<	<	2.8	0.9J	<	4.9	<	5.4	1.1J	<	7.2	12.2	1.4J	1.6J	<	4.5	<	<	<	<	17.1
EW-7	11.8	<	<	1.7J	3.6	<	5.8	<	16.4	<	<	54	6	2.6	2	0.7J	<	<	<	<	<	28.2
EW-8	3.7	<	<	0.8J	<	<	2	<	3.5	<	<	6.9	1.2J	<	0.6J	<	<	<	<	<	<	7.2
EW-17	10	<	<	1.3J	1.8	<	4.2	<	5.6	<	<	27.8	8.7	1.6	1.2J	<	0.7J	<	<	<	<	15.6
EW-17 D	9.3	<	<	1.4J	1.9	<	4.3	<	6.4	<	<	27.9	8.6	1.9	1.1J	<	0.7J	<	<	<	<	15.7
SB Inf.	14.4	<	<	2.2	2.8	<	6.9	<	10.3	<	<	45.3	8.4	2.2	1.6J	0.6J	0.9J	<	<	<	<	24.7
MR/SB Eff.	4.8	<	<	1.4J	2.2	<	4.8	<	5.8	<	<	23.9	10.3	1.8	1.1J	<	<	<	<	<	<	10.6

D: Blind duplicate

J: Estimated concentration

<: Not detected. Typical detection limit is 0.6 ng/L