

Table 3.11-50
Brookhaven National Laboratory
OU III BGRR Sr-90 Treatment Systems Monitoring Results
Sampled January 17, 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)	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)
Sample																						
SR-1	5.3	<	<	1.7J	<	<	1.9J	<	5.4	<	<	1.6J	11.9	10.2J	2.1	<	0.6J	<	<	<	<	10.7
SR-2	3.6	<	<	1.6J	<	<	1.6J	<	2.6	0.6J	<	1.3J	10.6	0.9J	1.2J	<	0.7J	<	<	<	<	6.2
SR-3	2.4	<	<	1.8J	<	<	1.9	<	6.2	<	<	2.5	2.4	0.8J	0.7J	<	<	<	<	<	<	8.6
SR-4	8.7	<	<	1.5J	<	<	2.1	<	5.5	<	<	2.5	8.5	1.4J	1.1J	<	0.7J	<	<	<	<	14.2
SR-5	7	<	<	1.1J	<	<	1.3J	<	3.3	<	<	1.8J	3.7	0.8J	<	<	<	<	<	<	<	10.3
SR-6	12.3	<	<	1.8J	<	<	1.7J	<	4.1	<	<	1.3J	7.4	1.4J	1.3J	<	5.3	<	<	<	<	16.4
SR-7	10.8	<	<	1.1J	<	<	0.9J	<	4.3	<	<	2.4	3.1	0.6J	1.2J	<	<	<	<	<	<	15.1
SR-8	8.1	<	<	1.3J	<	<	1.4J	<	3.7	<	<	1.2J	7.1	1.3J	1.4J	<	5.5	<	<	<	<	11.8
SR-9	7	<	<	1.3J	<	<	1.3J	<	3.1	<	<	1.2J	3.9	0.7J	1J	<	0.9J	<	<	<	<	10.1
BGRR Influent	6.5	<	<	1.5J	<	<	1.4J	<	3.8	<	<	1.3J	7.5	0.9J	1.2J	<	1.7J	<	<	<	<	10.3
BGRR Effluent	3.7	<	<	1.8J	<	<	1.7J	<	4.2	<	<	1.3J	8.2	1J	1.12J	<	1.5J	<	<	<	<	7.9

D: Blind duplicate.

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

J: Estimated concentration.