

Table 3.11-49
Brookhaven National Laboratory
OU III Building 96 and Building 452 Freon-11 Treatment Systems Monitoring Results
Sampled December 15, 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)	Perfluorodecanesulfonate (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																						
RTW-1 Influent	17.8	<	<	3	<	<	3.8	<	5.8	<	<	4.1	4.6J	1.2J	1.9	<	0.9J	<	<	<	<	23.6
RTW-1 Effluent	16.2	<	<	2.5	<	<	3.6	<	5.1	<	<	3.9	4.1J	1.1J	1.8	<	1.12J	<	<	<	<	21.3
RTW-2 Influent	7.1	<	<	2.8	<	<	4.1	<	4.1	<	<	4.5	4.3J	1.1J	1.7J	<	1J	<	<	<	<	11.2
RTW-2 Effluent	6.4	<	<	3.2	<	<	4.8	<	5.5	0.8J	<	3.7	4.3	1.2J	3	<	1.7J	<	<	<	<	11.9
RTW-3 Influent	9.1	<	<	3.8	<	<	4.9	<	4	0.6J	<	5	3	1.2J	1.6J	<	1.2J	<	<	<	<	13.1
RTW-4 Influent	40	<	<	11.1	0.8J	<	18.1	<	13.8	1.9J	<	8.8	30.3	2.8	5	<	4.2	<	<	<	<	53.8
EW-18 Influent	20.8	<	<	7.4	0.9J	<	10.9	<	8.7	<	<	11.1	7.3	1.7	5.2	<	2	<	<	<	<	29.5

D: Blind duplicate <: Not detected. Typical detection limit is 0.6 ng/L J: Estimated concentration