

**Table 3.11-48**  
**Brookhaven National Laboratory**  
**OU I South Boundary, Chemical Holes and HFBR Treatment Systems Monitoring Results**  
**Sampled January 11, 2019 and February 12, 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)	Perfluoroheptanoic acid (PFHpA)	Perfluoroheptanesulfonate (PFHpS)	Perfluorononanoic acid (PFNA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorononanesulfonate (PFNS)	Perfluorotridecanoic acid (PFTrDA)	Perfluorooctanesulfonamide (PFOSA)	PFOA/PFOS (Combined)	
<b>OU I SB</b>																							
EW-1	5.6	<	<	0.8J	0.6J	<	3.1	<	5.1	<	<	4.5	50.8	0.8J	0.8J	<	<	<	<	<	<	<	10.7
EW-2	7.3	<	<	0.7J	0.9J	<	2.1	<	3.3	<	<	5.2	26.5	0.9J	0.6J	<	<	<	<	<	<	<	10.6
<b>Chem Holes</b>																							
SR90 EW-1	2.3	<	<	0.8J	<	<	1.1J	<	8.8	<	<	3.9	3.8	0.7J	1.3J	<	0.7J	<	<	<	<	<	11.1
SR90 EW-2	1.6J	<	<	<	<	<	0.6J	<	1.9	<	<	0.7J	2.9	<	<	<	<	<	<	<	<	<	3.5
SR90 EW-3	0.9J	<	<	<	<	<	<	<	1.2J	<	<	<	1.7J	<	<	<	<	<	<	<	<	<	2.1
<b>HFBR</b>																							
EW-9	13.1	<	<	5	1.3J	<	5.9	<	7.1	<	<	12.3	8.8	1.7	3	<	0.8J	<	<	<	<	<	20.2
EW-10	9.3	<	<	2.6	1.2J	<	4.2	<	5.1	<	<	11.5	7.5	1.5J	1.8	<	0.6J	<	<	<	<	<	14.4
EW-11	11.7	<	<	2	1.3J	<	3.2	<	5.3	<	<	17.1	4.5	1.4J	1.1J	<	1.9J	<	<	<	<	<	17
EW-16	9.6	<	<	3.3	0.9J	<	4.2	<	5.3	<	<	12.2	5.7	1.4J	1.8J	<	1.2J	<	<	<	<	<	14.9

J: Estimated concentration

<: Not detected (typical detection limit is 0.6 ng/L)