

Table 3.11-2  
 Brookhaven National Laboratory  
 OU III Industrial Park and Industrial Park East Areas  
 Preliminary Phase 4 Monitoring Well Results  
 Sampled January 23 – March 2, 2020

2019 BNL Groundwater Status Report

Well	Screen Interval (ft. BLS)	Aquifer Segment	PFOS (ng/L)	PFOA (ng/L)
122-24	250-265	MAG	NA	NA
122-25	220-235	MAG	NA	NA
127-08	235-245	MAG	1.84	ND
127-09	220-230	MAG	1.43J	ND
000-112	175-185	DG	ND	ND
000-245	202-222	DG	1.22J	ND
000-248	230-235	DG	9.16	3.46
000-250	293-303	MAG	ND	ND
000-255	165-170	DG	ND	ND
000-256	220-225	DG	ND	ND
000-259	200-205	DG	1.33J	ND
000-261	130-135	MG	2.56	ND
000-262	180-185	DG	2.89	2.07
000-265	210-215	DG	9.56	3.17
000-267	158-163	MG	5.51	ND
000-268	213-218	DG	8.93	1.66J
000-271	213-218	DG	3.02	1.44J
000-272	181-201	DG	1.04J	ND
000-490	245-265	DG/MAG	2.41	ND
000-491	215-235	MAG	2.28	1.55J
000-492	245-265	MAG	NA	NA
000-494	300-320	MAG	1.31J	1.01J
000-526	330-350	MAG	ND	1.78J
000-528	215-225	DG	9.34	3.16
000-529	210-220	DG	8.93	3.83
000-530	205-215	DG	4.49	1.92
000-531	200-210	DG	1.06J	ND
000-537	240-250	MAG	NA	NA
000-538	210-220	DG	NA	NA
000-541	230-240	MAG	ND	ND
000-543	225-235	MAG	ND	ND
000-548	230-240	MAG	9.16	3.46
UVB-1	220-240	DG	1.35J	2.36
UVB-2	195-215	DG	ND	1.05J
UVB-3	194-214	DG	4.6	2.62
UVB-4	170-190	DG	18.1	4.35
UVB-5	180-200	DG	2.48	1.16J
UVB-6	190-210	DG	6.3	2.61
UVB-7	205-225	DG	6.16	2.44
IP-EW-8	230-250	MAG	0.886J	ND
IP-EW-9	220-240	MAG	3.26	1.92

D: Blind duplicate sample  
 ND: Not detected. Typical detection limit for PFOS and PFOA is 2.0 ng/L.  
 NA: Data Not Available. Well scheduled to be sampled.  
 J: Estimated concentration  
 BLS: Blow Land surface  
 SG: Shallow Upper Glacial  
 MG: Middle Upper Glacial  
 DG: Deep Upper Glacial  
 MAG: Magothy