

Table 3.10-2
 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	1,4-Dioxane (µg/L)
122-24	250-265	MAG	NA
122-25	220-235	MAG	NA
127-08	235-245	MAG	1.78J
127-09	220-230	MAG	ND
000-112	175-185	DG	0.1J
000-245	202-222	DG	2.88
000-248	230-235	DG	3.35
000-250	293-303	MAG	2.06
000-255	165-170	DG	ND
000-256	220-225	DG	ND
000-259	200-205	DG	0.44
000-261	130-135	MG	0.13J
000-262	180-185	DG	1.81
000-265	210-215	DG	0.59
000-267	158-163	MG	0.12J
000-268	213-218	DG	0.4
000-271	213-218	DG	0.19J
000-272	181-201	DG	ND
000-490	245-265	DG/MAG	ND
000-491	215-235	MAG	6.45
000-492	245-265	MAG	NA
000-494	300-320	MAG	0.733
000-526	330-350	MAG	0.44
000-528	215-225	DG	2.1
000-529	210-220	DG	1.03
000-530	205-215	DG	6.74
000-531	200-210	DG	2.28
000-537	240-250	MAG	NA
000-538	210-220	DG	NA
000-541	230-240	MAG	1.68
000-543	225-235	MAG	5.06
000-548	230-240	MAG	1.35
UVB-1	220-240	DG	0.555
UVB-2	195-215	DG	ND
UVB-3	194-214	DG	0.183J
UVB-4	170-190	DG	0.775
UVB-5	180-200	DG	1.55
UVB-6	190-210	DG	0.78
UVB-7	205-225	DG	0.658
IP-EW-8	230-250	MAG	2.72
IP-EW-9	220-240	MAG	4.28

D: Blind duplicate sample
 ND: Not detected. Typical detection limit for 1,4-dioxane is 0.2 µg/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