

Table 3.10-3  
 Brookhaven National Laboratory  
 Sewage Treatment Plant and OU V Areas  
 Preliminary Phase 4 Monitoring Well Results  
 Sampled January 27 - February 3, 2020

2019 BNL Groundwater Status Report

Well	Screen Interval (ft. BLS)	Aquifer Segment	1,4-Dioxane (µg/L)
037-02	31-41	SG	ND
037-03	90-100	MG	ND
037-04	178-188	DG	ND
038-01	5-25	SG	ND
038-02	13-23	SG	ND
038-05	38-43	SG	ND
038-06	39-44	SG	ND
039-06	5-10	SG	ND
039-07	15-25	SG	ND
039-08	17-27	SG	0.26
039-86	15-35	SG	ND
039-87	14-24	SG	0.28
039-89	15-30	SG	0.35
039-90	15-30	SG	0.29
039-91	10-20	SG	ND
039-115	10-25	SG	0.29
048-08	10-25	SG	0.39
048-09	10-25	SG	0.29
048-10	10-25	SG	0.31
049-06	175-185	DG	0.56
050-01	205-225	DG	2.15
061-03	6-16	SG	ND
061-04	90-100	MG	ND
061-05	195-205	DG	1.75
000-122	240-260	DG	5.37
000-123	150-170	DG	7.04
000-141	37-57	SG	0.47
000-142	145-165	DG	ND
000-143	240-260	MAG	ND
000-147	34-54	SG	ND
000-147D	--	--	ND
600-15	240-260	MAG	ND
600-16	160-180	DG	ND
600-18	35-55	SG	ND
600-19	50-70	SG	ND
600-21	240-260	MAG	ND
600-22	60-80	SG	ND
600-24	228-248	MAG	ND
600-25	52-72	SG	ND
600-27	240-260	MAG	0.61

D: Blind duplicate sample  
 ND: Not detected. Typical detection limit for 1,4-dioxane is 0.2 µg/L.  
 J: Estimated concentration  
 BLS: Blow Land surface  
 SG: Shallow Upper Glacial  
 MG: Middle Upper Glacial  
 DG: Deep Upper Glacial  
 MAG: Magothy