

Table 3.10-1  
 Brookhaven National Laboratory  
 Western South Boundary Area  
 Extraction Wells Results for September 18, 2019  
 Preliminary Phase 4 Monitoring Well Results for February 5-19, 2020

2019 BNL Groundwater Status Report

Extract. Well	Screen Interval (ft. BLS)	Aquifer Segment	1,4-Dioxane (µg/L)
WSB-1	140-160	DG	2.99
WSB-2	150-170	DG	5.38
WSB-3	168-188	DG	3.81
WSB-4	170-190	DG	7.64
WSB-5	160-190	DG	6.04
WSB-6	196-216	DG	4.05
Monitor. Well			
103-02	45-50	SG	1.39
103-10	52-62	SG	ND
103-15	195-205	DG	9.4
103-18	165-175	DG	6.4
103-19	165-175	DG	6.2
111-15	170-180	DG	1.54
111-16	168-178	DG	3.88
119-11	175-185	DG	23.9
119-12	174-184	DG	7.27
125-01	40-50	SG	0.1J
126-14	150-160	DG	10.1
126-15	150-160	DG	8.6
126-16	130-140	DG	6.7
126-18	160-170	DG	14.9
126-19	190-200	DG	8.84
126-20	135-145	DG	9.04
126-21	199-209	DG	1.75
127-06	150-160	DG	7.14
127-07	146-156	DG	5.7
130-03	160-165	DG	2.75
130-08	145-155	DG	0.17J
130-09	135-145	DG	ND
130-10	150-160	DG	0.1J
130-11	195-205	DG	1.9
000-558	160-170	DG	7.6
000-559	210-220	DG	3.35
000-560	155-165	DG	6.31

D: Blind duplicate sample

ND: Not detected. Typical detection limit for 1,4-dioxane is 0.2 µg/L.

J: Estimated concentration

BLS: Below Land Surface

SG: Shallow Upper Glacial

DG: Deep Upper Glacial