

Table 3.2.9-1  
OU III North Street East  
2018 Temporary Well Data

2018 BNL Groundwater Status Report

<b>NSE-VP01-2018</b>											
Depth (ft bls)	195-200	185-190	175-180	165-170	155-160	145-150	135-140	125-130	115-120	105-110	95-100
Date Sampled	3/15/2018	3/15/2018	3/15/2018	3/15/2018	3/15/2018	3/16/2018	3/16/2018	3/16/2018	3/16/2018	3/16/2018	3/16/2018
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Compound											
<b>USEPA Method 504</b>											
1,2-Dibromoethane	0.0472	0.0498	0.0407	0.0419	0.0344	0.0202	.0144 J	ND	ND	ND	ND
<b>USEPA Method 524.2</b>											
1,1,2,2-Tetrachloroethane	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethylene	-	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane	-	-	-	-	-	-	-	-	-	-	-
MTBE	2.69	2.12	1.27	-	-	-	-	-	-	-	-
Naphthalene	0.49 J	-	-	-	-	-	-	-	-	-	-
Toluene	-	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	-	-	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	-	-	-	-	-	-	-	-	-	-	-
Chloroform	0.4 J	0.44 J	-	0.47 J	0.74 J	0.42 J	0.35 J	0.44 J	3.08	0.57 J	0.46 J
Tetrachloroethylene	1.71	3.54	5.83	2.31	1.02	0.63 J	0.63 J	0.82 J	0.66 J	0.77 J	1.56
Trichloroethylene	0.45 J	-	-	-	-	-	-	-	-	-	-
TVOC total	5.74	6.1	7.1	2.78	1.76	1.05	0.98	1.26	7.93	1.34	2.02

Table 3.2.9-1  
OU III North Street East  
2018 Temporary Well Data

2018 BNL Groundwater Status Report

NSE-VP02-2018												
Depth (ft bls)	205-210	195-200	185-190	175-180	165-170	155-160	145-150	135-140	125-130	115-120	105-110	95-100
Date Sampled	2/28/2018	2/28/2018	2/28/2018	2/28/2018	2/28/2018	2/28/2018	3/1/2018	3/1/2018	3/1/2018	3/1/2018	3/1/2018	3/1/2018
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Compound												
<b>USEPA Method 504</b>												
1,2-Dibromoethane	ND	ND	0.0424	ND	ND	ND	ND	ND	ND	ND	ND	ND
<b>USEPA Method 524.2</b>												
1,1,2,2-Tetrachloroethane	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	-	2.83	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethylene	-	0.83	-	-	-	1.02	1.29	0.52	-	-	-	-
Dichlorodifluoromethane	-	-	-	-	-	-	-	-	-	-	-	-
MTBE	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene												
Toluene	-	-	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	-	1.43	-	0.74	0.8	2.48	3.31	1.14	0.45 J	-	-	-
Carbon tetrachloride	-	-	-	0.46 J	0.86	0.27 J	0.68	0.55	0.39 J	-	-	-
Chloroform	0.37 J	0.85	1.12	1.74	0.63	1.43	1.58	0.74	0.71	0.82	0.96	0.89
Tetrachloroethylene	-	-	0.45 J	-	-	0.41 J	0.42 J	0.48 J	0.39 J	0.19 J	-	-
Trichloroethylene	-	0.29 J	0.52	0.87	1.17	-	0.34 J	1.09	0.92	-	-	-
TVOC total	0.37	6.23	2.09	3.81	3.46	5.61	7.62	4.52	2.86	1.01	0.96	0.89

Table 3.2.9-1  
OU III North Street East  
2018 Temporary Well Data

2018 BNL Groundwater Status Report

NSE-VP03-2018												
Depth (ft bls)	205-210	195-200	185-190	175-180	165-170	155-160	145-150	135-140	125-130	115-120	105-110	95-100
Date Sampled	3/7/2018	3/7/2018	3/7/2018	3/7/2018	3/8/2018	3/8/2018	3/8/2018	3/9/2018	3/9/2018	3/9/2018	3/9/2018	3/9/2018
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Compound												
<b>USEPA Method 504</b>												
1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
<b>USEPA Method 524.2</b>												
1,1,2,2-Tetrachloroethane	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	-	-	0.4 J	0.39 J	-	-	-	-	-	-	-	-
1,1-Dichloroethylene	-	1.47	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane	-	-	-	-	-	-	-	-	-	-	-	-
MTBE	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene												
Toluene	-	-	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	-	2.71	0.77	1.42	0.67	1.17	0.92	-	-	-	-	-
Carbon tetrachloride	-	-	0.41 J	0.99	0.88	0.63	0.26 J	0.32 J	-	-	-	-
Chloroform	0.27 J	0.75	1.29	2.33	0.61	0.98	0.73	0.78	0.67	1.14	0.59	0.38 J
Tetrachloroethylene	-	-	-	0.21 J	0.37 J	0.52	0.44 J	0.67	0.7	0.22 J	-	-
Trichloroethylene		0.34 J	0.56	0.62	0.32 J	0.24 J	0.63	0.76	0.53			
TVOC total	0.27	13.1	3.43	5.96	2.85	3.54	2.98	3.36	1.9	1.36	0.59	0.38

Table 3.2.9-1  
OU III North Street East  
2018 Temporary Well Data

2018 BNL Groundwater Status Report

NSE-VP04-2018											
Depth (ft bls)	195-200	185-190	175-180	165-170	155-160	145-150	135-140	125-130	115-120	105-110	95-100
Date Sampled	4/5/2018	4/5/2018	4/5/2018	4/5/2018	4/5/2018	4/6/2018	4/6/2018	4/6/2018	4/6/2018	4/6/2018	4/6/2018
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Compound											
<b>USEPA Method 504</b>											
1,2-Dibromoethane	0.0434	0.0241	0.056	0.0497	0.124	0.112	0.0117	ND	ND	ND	ND
<b>USEPA Method 524.2</b>											
1,1,2,2-Tetrachloroethane	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethylene	-	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane	-	-	-	-	-	-	-	-	-	-	-
MTBE	2.02	4.2	5.25	4.51	1.3	1.22	-	-	-	-	-
Naphthalene	-	-	-	-	-	-	-	-	-	-	-
Toluene	-	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	0.19 J	-	0.33 J	0.39 J	-	0.2 J	-	-	-	-	-
Carbon tetrachloride	-	-	-	-	-	-	-	-	-	-	-
Chloroform	0.25 J	0.22 J	0.21 J	0.32 J	0.83	0.71	0.52	1.3	0.77	1.43	0.62
Tetrachloroethylene	0.82	1.73	3.45	4.51	1.46	1.08	0.38 J	-	-	-	-
Trichloroethylene	0.24 J	0.17 J	0.25 J	0.23 J	0.23 J	0.29 J					
TVOC total	3.52	6.32	9.49	10.18	3.82	3.5	0.9	2.1	0.77	2.28	0.62

Table 3.2.9-1  
OU III North Street East  
2018 Temporary Well Data

2018 BNL Groundwater Status Report

NSE-VP05-2018											
Depth (ft bls)	195-200	185-190	175-180	165-170	155-160	145-150	135-140	125-130	115-120	105-110	95-100
Date Sampled	4/12/2018	4/12/2018	4/12/2018	4/12/2018	4/13/2018	4/13/2018	4/13/2018	4/13/2018	4/13/2018	4/13/2018	4/13/2018
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Compound											
<b>USEPA Method 504</b>											
1,2-Dibromoethane	0.0142 J	0.0146 J	ND	.012 J	0.0264	0.023	.0152 J	0.0124	ND	ND	ND
<b>USEPA Method 524.2</b>											
1,1,2,2-Tetrachloroethane	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethylene	-	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane	-	-	-	-	-	-	-	-	-	-	-
MTBE	0.35 J	0.27 J	-	-	-	-	-	-	-	-	-
Naphthalene	-	-	-	-	-	-	-	-	-	-	-
Toluene	-	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	-	-	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	-	-	-	-	-	-	-	-	-	-	-
Chloroform	0.25 J	0.33 J	0.34 J	0.41 J	0.85	1.01	1.04	0.77	0.43 J	0.34 J	0.18 J
Tetrachloroethylene	0.6	1.4	7.09	3.23	6.69	4.8	2.78	1.01	0.62	0.65	1.99
Trichloroethylene	-	-	-	-	0.23 J	0.25 J	-	-	-	-	-
TVOC total	1.2	2	7.43	3.64	7.77	6.06	3.82	1.78	1.05	0.99	2.17

Table 3.2.9-1  
OU III North Street East  
2018 Temporary Well Data

2018 BNL Groundwater Status Report

NSE-VP06-2018											
Depth (ft bls)	195-200	185-190	175-180	165-170	155-160	145-150	135-140	125-130	115-120	105-110	95-100
Date Sampled	4/19/2018	4/19/2018	4/19/2018	4/19/2018	4/19/2018	4/19/2018	4/20/2018	4/20/2018	4/20/2018	4/20/2018	4/20/2018
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Compound											
<b>USEPA Method 504</b>											
1,2-Dibromoethane	-	0.0355	0.0901	0.123	0.459	0.232	0.0439	0.0181	-	-	-
<b>USEPA Method 524.2</b>											
1,1,2,2-Tetrachloroethane	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethylene	-	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane	-	-	-	-	-	-	-	-	-	-	-
MTBE	-	-	7.93	1.93	3.48	2.73	7.29	1.26	0.18 J	-	-
Naphthalene	-	-	-	-	-	-	-	-	-	-	-
Toluene	-	-	-	-	-	-	0.27 J	-	-	-	-
1,1,1-Trichloroethane	-	-	-	0.26 J	-	-	0.17 J	-	-	-	-
Carbon tetrachloride	-	-	-	-	-	-	-	-	-	-	-
Chloroform	0.97	0.76	0.47 J	0.57	0.52	0.6	0.62	0.71	0.86	0.55	0.54
Tetrachloroethylene	0.92	1.03	2.26	3.84	1.01	0.74	0.65	1.18	0.97	3.33	2.52
Trichloroethylene	0.2 J	-	0.3 J	0.4 J	0.38 J	0.3 J	0.28 J	0.26 J	-	-	-
TVOC total	2.09	1.79	10.96	7	5.8	4.58	9.28	3.41	2.01	3.88	3.06

Table 3.2.9-1  
OU III North Street East  
2018 Temporary Well Data

2018 BNL Groundwater Status Report

NSE-VP07-2018											
Depth (ft bls)	195-200	185-190	175-180	165-170	155-160	145-150	135-140	125-130	115-120	105-110	95-100
Date Sampled	5/3/2018	5/3/2018	5/3/2018	5/3/2018	5/3/2018	5/3/2018	5/4/2018	5/4/2018	5/4/2018	5/4/2018	5/4/2018
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Compound											
<b>USEPA Method 504</b>											
1,2-Dibromoethane	-	-	0.0181 J	0.0153 J	0.0219	0.0435	0.0918	0.0215	-	-	-
<b>USEPA Method 524.2</b>											
1,1,2,2-Tetrachloroethane	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethylene	-	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane	-	-	-	-	-	-	-	-	-	-	-
MTBE	-	-	-	-	-	-	3.8	1.08	-	-	-
Naphthalene	-	-	-	-	-	-	-	-	-	-	-
Toluene	-	-	-	-	-	-	0.2 J	-	-	-	-
1,1,1-Trichloroethane	-	-	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	-	-	-	-	-	-	-	-	-	-	-
Chloroform	1.09	1.78	0.84	0.56	0.44 J	0.36 J	0.31 J	0.48 J	0.97	0.94	0.91
Tetrachloroethylene	-	0.21 J	0.46 J	0.59	0.66	0.58	0.35 J	0.49 J	0.43 J	-	0.29 J
Trichloroethylene	-	-	0.36 J	0.38 J	0.47 J	0.44 J	0.44 J	0.3 J	-	-	-
TVOC total	1.09	1.99	1.66	1.53	1.57	1.38	5.1	2.35	1.4	0.94	1.2

Table 3.2.9-1  
OU III North Street East  
2018 Temporary Well Data

2018 BNL Groundwater Status Report

<b>NSE-VP08-2018</b>											
Depth (ft bls)	197.5-202.5	185-190	175-180	165-170	155-160	145-150	135-140	125-130	115-120	105-110	95-100
Date Sampled	5/10/2018	5/10/2018	5/10/2018	5/10/2018	5/10/2018	5/10/2018	5/11/2018	5/11/2018	5/11/2018	5/11/2018	5/11/2018
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Compound											
<b>USEPA Method 504</b>											
1,2-Dibromoethane	-	-	-	0.0222	0.0257	.0123 J	-	-	0.00886 J	-	-
<b>USEPA Method 524.2</b>											
1,1,2,2-Tetrachloroethane	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethylene	-	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane	-	-	-	-	-	-	-	-	-	-	-
MTBE	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	-	-	-	-	-	-	-	-	-	-	-
Toluene	-	0.19 J	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	-	-	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	-	-	-	-	-	-	-	-	-	-	-
Chloroform	1.34	0.76	1.22	0.78	0.61	0.72	0.56	0.52	0.27 J	0.45 J	0.68
Tetrachloroethylene	0.24 J	0.32 J	0.19 J	-	-	1.15	1.05	-	0.3 J	-	-
Trichloroethylene	-	0.18 J	-	0.19 J	0.17 J	-	-	-	-	-	-
TVOC total	1.58	1.45	1.41	0.97	0.78	1.87	1.61	0.75	0.78	0.45	0.68



Table 3.2.9-1  
OU III North Street East  
2018 Temporary Well Data

2018 BNL Groundwater Status Report

NSE-VP09-2018												
Depth (ft bls)	205-210	195-200	185-190	175-180	165-170	155-160	145-150	135-140	125-130	115-120	105-110	95-100
Date Sampled	6/7/2018	6/7/2018	6/7/2018	6/7/2018	6/7/2018	6/7/2018	6/7/2018	6/8/2018	6/8/2018	6/8/2018	6/8/2018	6/8/2018
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Compound												
<b>USEPA Method 504</b>												
1,2-Dibromoethane	-	-	-	-	-	-	-	-	-	-	-	-
<b>USEPA Method 524.2</b>												
1,1,2,2-Tetrachloroethane	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethylene	-	-	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane	-	-	-	-	-	-	-	-	-	-	-	-
MTBE	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	-	-	-	-	-	-	-	-	-	-	-	-
Toluene	0.19 J	-	-	-	-	-	-	-	0.17 J	-	-	-
1,1,1-Trichloroethane	-	-	-	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	-	-	-	-	-	-	-	-	-	-	-	-
Chloroform	2.68	1.94	2.21	2.69	2.89	2.37	2.15	0.68	0.58	0.77	1.07	1.07
Tetrachloroethylene	-	-	-	-	-	0.5	0.94	1.1	1.31	0.98	0.79	0.2 J
Trichloroethylene	-	-	-	-	-	-	-	-	-	-	-	-
TVOC total	3.07	2.73	3.19	4	3.99	3.31	2.65	0.68	0.75	0.77	1.07	1.07

Table 3.2.9-1  
OU III North Street East  
2018 Temporary Well Data

2018 BNL Groundwater Status Report

NSE-VP10-2018											
Depth (ft bls)	195-200	185-190	175-180	165-170	155-160	145-150	135-140	125-130	115-120	105-110	95-100
Date Sampled	6/13/2018	6/13/2018	6/13/2018	6/13/2018	6/13/2018	6/13/2018	6/14/2018	6/14/2018	6/14/2018	6/14/2018	6/14/2018
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Compound											
<b>USEPA Method 504</b>											
1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
<b>USEPA Method 524.2</b>											
1,1,2,2-Tetrachloroethane	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethylene	-	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane	-	-	-	-	-	-	-	-	-	-	-
MTBE	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	-	-	-	-	-	-	-	-	-	-	-
Toluene	-	0.3 J	-	-	-	-	0.23 J	0.19 J	-	-	-
1,1,1-Trichloroethane	-	-	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	-	-	-	-	-	-	-	-	-	-	-
Chloroform	1.98	2.07	1.92	1.24	0.9	1.2	1.52	1.52	0.95	0.89	0.99
Tetrachloroethylene	0.52	0.67	0.91	2.23	1.4	0.65	0.38 J	-	-	-	-
Trichloroethylene	-	-	-	-	0.24 J	0.22 J	0.17 J	-	-	-	-
TVOC total	2.5	3.04	2.83	3.47	2.54	2.07	2.3	1.71	0.95	0.89	0.99

Table 3.2.9-1  
OU III North Street East  
2018 Temporary Well Data

2018 BNL Groundwater Status Report

NSE-VP11-2018											
Depth (ft bls)	195-200	185-190	175-180	165-170	155-160	145-150	135-140	125-130	115-120	105-110	95-100
Date Sampled	6/19/2018	6/19/2018	6/19/2018	6/19/2018	6/19/2018	6/19/2018	6/20/2018	6/20/2018	6/20/2018	6/20/2018	6/20/2018
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Compound											
<b>USEPA Method 504</b>											
1,2-Dibromoethane	0.214	0.0712	-	-	-	-	-	-	.00992 J	-	-
<b>USEPA Method 524.2</b>											
1,1,2,2-Tetrachloroethane	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethylene	-	-	-	-	0.74 J	0.52 J	-	-	-	-	-
Dichlorodifluoromethane	-	-	-	-	-	-	-	-	-	-	-
MTBE	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	-	-	-	-	-	-	-	-	-	-	-
Toluene	0.36 J	-	0.34 J	-	-	-	0.6 J	0.63 J	0.41 J	0.38 J	0.39 J
1,1,1-Trichloroethane	-	-	0.35 J	0.75 J	2.22	1.56	0.47 J	-	-	-	-
Carbon tetrachloride	-	-	-	-	0.46 J	0.52 J	-	-	-	-	-
Chloroform	0.41 J	0.78 J	0.48 J	0.36 J	1.06	1.19	0.39 J	-	0.4 J	0.58 J	0.58 J
Tetrachloroethylene	0.62 J	-	-	-	-	-	0.64 J	0.44 J	-	-	-
Trichloroethylene	0.6 J	0.97 J	1.04	1.18	0.37 J	0.64 J	1.02	-	-	-	-
TVOC total	1.99	1.75	2.21	2.29	4.85	4.43	3.12	1.07	0.81	0.96	0.97

Table 3.2.9-1  
OU III North Street East  
2018 Temporary Well Data

2018 BNL Groundwater Status Report

<b>NSE-VP12-2018</b>												
<b>Depth (ft bls)</b>	205-210	195-200	185-190	175-180	165-170	155-160	145-150	135-140	125-130	115-120	105-110	95-100
<b>Date Sampled</b>	6/25/2018	6/25/2018	6/25/2018	6/25/2018	6/25/2018	6/25/2018	6/26/2018	6/26/2018	6/26/2018	6/26/2018	6/26/2018	6/26/2018
<b>Units</b>	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
<b>Compound</b>												
<b>USEPA Method 504</b>												
1,2-Dibromoethane	-	-	0.035	0.0516	0.0353	-	-	-	-	-	-	-
<b>USEPA Method 524.2</b>												
1,1,2,2-Tetrachloroethane	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethylene	-	-	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane	-	-	-	-	-	-	-	-	-	-	-	-
MTBE	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	-	-	-	-	-	-	-	-	-	-	-	-
Toluene	0.61 J	0.48 J	0.51 J	0.41 J	0.36 J	-	0.42 J	-	-	0.37 J	0.47 J	-
1,1,1-Trichloroethane	-	-	-	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	-	-	-	-	-	-	-	-	-	-	-	-
Chloroform	0.35 J	0.84 J	-	0.48 J	0.56 J	0.66 J	0.65 J	0.57 J	0.51 J	-	-	0.54 J
Tetrachloroethylene	-	-	1.26	1.38	1.83	1.68	1.58	1.68	0.55 J	0.47 J	-	-
Trichloroethylene	-	-	-	-	-	-	-	-	-	-	-	-
TVOC total	0.96	1.32	1.77	2.27	2.75	2.34	2.65	2.25	1.06	0.84	0.47	0.54

Table 3.2.9-1  
OU III North Street East  
2018 Temporary Well Data

2018 BNL Groundwater Status Report

<b>NSE-VP13-2018</b>											
<b>Depth (ft bls)</b>	195-200	185-190	175-180	165-170	155-160	145-150	135-140	125-130	115-120	105-110	95-100
<b>Date Sampled</b>	7/3/2018	7/3/2018	7/3/2018	7/3/2018	7/3/2018	7/5/2018	7/5/2018	7/5/2018	7/5/2018	7/5/2018	7/5/2018
<b>Units</b>	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
<b>Compound</b>											
<b>USEPA Method 504</b>											
1,2-Dibromoethane	0.568	0.259	-	-	-	-	ND	0.0323	-	-	-
<b>USEPA Method 524.2</b>											
1,1,2,2-Tetrachloroethane	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethylene	-	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane	-	-	-	-	-	-	-	-	-	-	-
MTBE	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	-	-	-	-	-	-	0.38 J	0.19 J	-	-	-
Toluene	0.75	0.36 J	0.46 J	0.31 J	0.32 J	0.6	0.48 J	0.36 J	0.46 J	0.33 J	0.22 J
1,1,1-Trichloroethane	-	0.37 J	0.37 J	2	1.75	1.29	-	-	-	-	-
Carbon tetrachloride	-	-	-	0.54	0.38 J	0.31 J	-	-	-	-	-
Chloroform	0.41 J	0.79	0.34 J	0.63	0.76	0.74	0.28 J	0.33 J	0.44 J	0.62	0.47 J
Tetrachloroethylene	0.82	0.19 J	-	-	-	0.17 J	0.48 J	0.37 J	0.25 J	-	-
Trichloroethylene	1.05	0.98	1.24	0.57	1.22	0.82	0.51	-	-	-	-
<b>TVOC total</b>	<b>3.49</b>	<b>2.96</b>	<b>2.41</b>	<b>4.05</b>	<b>4.43</b>	<b>3.93</b>	<b>2.13</b>	<b>1.25</b>	<b>1.15</b>	<b>0.95</b>	<b>0.69</b>

Table 3.2.9-1  
OU III North Street East  
2018 Temporary Well Data

2018 BNL Groundwater Status Report

<b>NSE-VP14-2018</b>												
<b>Depth (ft bls)</b>	205-210	195-200	185-190	175-180	165-170	155-160	145-150	135-140	125-130	115-120	105-110	95-100
<b>Date Sampled</b>	7/11/2018	7/11/2018	7/11/2018	7/11/2018	7/11/2018	7/11/2018	7/12/2018	7/12/2018	7/12/2018	7/12/2018	7/12/2018	7/12/2018
<b>Units</b>	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
<b>Compound</b>												
<b>USEPA Method 504</b>												
1,2-Dibromoethane	-	-	0.0382	-	-	-	-	-	-	-	-	-
<b>USEPA Method 524.2</b>												
1,1,2,2-Tetrachloroethane	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethylene	-	-	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane	-	-	-	-	-	-	-	-	-	-	-	-
MTBE	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	-	-	-	-	-	-	-	-	-	-	-	-
Toluene	0.37 J	-	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	-	-	-	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	-	-	-	-	-	-	-	-	-	-	-	-
Chloroform	1.29	0.5 J	-	-	-	-	-	-	-	-	-	-
Tetrachloroethylene	2.26	3.91	12.9	15.6	8.07	5.8	8.23	2.38	1.78	1.3	0.92 J	0.45 J
Trichloroethylene												
TVOC total	3.92	4.41	12.9	15.6	8.07	5.8	8.23	2.38	1.78	1.3	0.92	0.45

Table 3.2.9-1  
OU III North Street East  
2018 Temporary Well Data

2018 BNL Groundwater Status Report

NSE-VP15-2018												
Depth (ft bls)	205-210	195-200	185-190	175-180	165-170	155-160	145-150	135-140	125-130	115-120	105-110	95-100
Date Sampled	8/2/2018	8/2/2018	8/2/2018	8/2/2018	8/2/2018	8/2/2018	8/3/2018	8/3/2018	8/3/2018	8/3/2018	8/3/2018	8/3/2018
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Compound												
<b>USEPA Method 504</b>												
1,2-Dibromoethane	-	-	-	-	-	-	-	-	-	-	-	-
<b>USEPA Method 524.2</b>												
1,1,2,2-Tetrachloroethane	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethylene	-	-	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane	-	-	-	-	-	-	-	-	-	-	-	-
MTBE	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene												
Toluene	-	-	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	-	-	-	-	0.47 J	1.28	1.88	3.49	5.14	3.66	1.09	0.34 J
Carbon tetrachloride	-	0.49 J	0.45 J	0.56	0.39 J	0.73	0.59	0.23 J	-	-	-	-
Chloroform	0.9	0.5	1.44	2.06	1.58	1.18	0.71	0.46 J	0.27 J	0.57	1.32	0.72
Tetrachloroethylene	-	-	-	-	0.19 J	0.44 J	0.71	0.87	0.36 J	-	-	-
Trichloroethylene	0.86	0.92	0.23 J	0.31 J	0.24 J	0.84	1.02	0.75	0.23 J	-	-	-
TVOC total	2.1	3	5.78	8.07	5.89	5.07	4.31	2.78	0.86	0.57	1.75	0.72

Table 3.2.9-1  
OU III North Street East  
2018 Temporary Well Data

2018 BNL Groundwater Status Report

<b>NSE-VP16-2018</b>													
<b>Depth (ft bls)</b>	205-210	195-200	185-190	175-180	165-170	155-160	145-150	135-140	125-130	115-120	105-110	95-100	
<b>Date Sampled</b>	8/8/2018	8/8/2018	8/8/2018	8/8/2018	8/8/2018	8/8/2018	8/8/2018	8/8/2018	8/8/2018	8/8/2018	8/8/2018	8/8/2018	8/8/2018
<b>Units</b>	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
<b>Compound</b>													
<b>USEPA Method 504</b>													
1,2-Dibromoethane	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>USEPA Method 524.2</b>													
1,1,2,2-Tetrachloroethane	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	-	-	2.25	2.19	-	-	-	-	-	-	-	-	-
1,1-Dichloroethylene	0.66	1.15	2.94	1.46	4.43	1.51	-	-	-	-	-	-	-
Dichlorodifluoromethane	-	-	-	-	-	-	-	-	-	-	-	-	-
MTBE	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	0.38 J	-	-	-	-	0.21 J	-	-	0.62	0.78	0.52	0.8	-
Toluene	0.27 J	-	0.18 J	-	-	-	0.19 J	0.17 J	-	-	-	-	-
1,1,1-Trichloroethane	0.93	1.86	4.57	1.83	5.91	2	-	-	-	-	-	-	-
Carbon tetrachloride	-	0.37 J	0.38 J	-	0.27 J	-	-	-	-	-	-	-	-
Chloroform	0.47 J	0.61	1.77	0.54	1.58	0.93	0.46 J	0.4 J	0.44 J	0.63	0.53	0.32 J	-
Tetrachloroethylene	-	-	-	-	-	-	-	0.17 J	-	-	-	-	-
Trichloroethylene	0.94	0.63	0.34 J	0.4 J	0.31 J	0.37 J	-	0.39 J	-	-	-	-	-
TVOC total	3.84	4.62	10.57	7.52	15.31	5.02	0.65	1.13	1.27	1.69	1.22	1.35	-



Table 3.2.9-1  
OU III North Street East  
2018 Temporary Well Data

2018 BNL Groundwater Status Report

<b>NSE-VP17-2018</b>													
<b>Depth (ft bls)</b>	205-210	195-200	185-190	175-180	165-170	155-160	145-150	135-140	125-130	115-120	105-110	95-100	
<b>Date Sampled</b>	10/11/2018	10/11/2018	10/11/2018	10/11/2018	10/11/2018	10/11/2018	10/11/2018	10/11/2018	10/11/2018	10/11/2018	10/11/2018	10/11/2018	10/11/2018
<b>Units</b>	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
<b>Compound</b>													
<b>USEPA Method 504</b>													
1,2-Dibromoethane	0.472	-	-	-	-	-	-	-	-	-	-	-	-
<b>USEPA Method 524.2</b>													
1,1,2,2-Tetrachloroethane	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	-	-	-	-	0.17 J	0.27 J	-	-	-	-	-	-	-
1,1-Dichloroethylene	-	0.2 J	0.51	1	1.61	1.77	1.11	0.64	-	-	-	-	-
Dichlorodifluoromethane	-	-	-	-	-	-	-	-	-	-	-	-	-
MTBE	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	-	-	-	-	-	-	-	-	-	-	-	-	-
Toluene	0.33 J	0.21 J	0.18 J	-	-	-	0.24 J	-	-	0.17 J	0.19 J	0.33 J	-
1,1,1-Trichloroethane	0.22 J	0.62	1.36	2.19	3.57	3.02	2.24	1.21	0.18 J	-	-	-	-
Carbon tetrachloride	-	0.28 J	0.39 J	0.58	0.76	0.58	0.39 J	0.25 J	-	-	-	-	-
Chloroform	0.76	0.56	0.71	0.89	1.03	1.11	1	0.83	0.55	0.66	0.8	0.83	-
Tetrachloroethylene	0.47 J	-	-	-	-	-	-	-	0.35 J	0.38 J	0.32 J	-	-
Trichloroethylene	0.47 J	1.47	1.07	0.89	0.7	1.15	1.39	1.71	0.5	-	-	-	-
<b>TVOC total</b>	<b>2.25</b>	<b>3.34</b>	<b>4.22</b>	<b>5.55</b>	<b>7.84</b>	<b>7.9</b>	<b>6.37</b>	<b>4.64</b>	<b>1.58</b>	<b>1.21</b>	<b>1.31</b>	<b>1.16</b>	