

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

2017 BNL Groundwater Status Report

Location Depth (ft bls) Date Sampled Units	NSE-VP01-2018 195-200 03/15/18 ug/L	NSE-VP01-2018 185-190 03/15/18 ug/L	NSE-VP01-2018 175-180 03/15/18 ug/L	NSE-VP01-2018 165-170 03/15/18 ug/L	NSE-VP01-2018 155-160 03/15/18 ug/L	NSE-VP01-2018 145-150 03/16/18 ug/L	NSE-VP01-2018 135-140 03/16/18 ug/L	NSE-VP01-2018 125-130 03/16/18 ug/L	NSE-VP01-2018 115-120 03/16/18 ug/L	NSE-VP01-2018 105-110 03/16/18 ug/L	NSE-VP01-2018 95-100 03/16/18 ug/L	
Compound												
USEPA Method 504												
1,2-Dibromoethane	0.0472	0.0498	0.0407	0.0419	0.0344	0.0202	.0144 J	ND	ND	ND	ND	
USEPA Method 524.2												
Chloroform	0.40 J	0.44 J	ND	0.47 J	0.74 J	0.42 J	0.35 J	0.44 J	3.08	.570 J	0.46 J	
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Naphthalene	0.49 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Tetrachloroethylene	1.71	3.54	5.83	2.31	1.02	0.63 J	0.63 J	.820 J	0.66 J	.770 J	1.56	
Trichloroethylene	0.45 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
tert-Butyl methyl ether	2.69	2.12	1.27	ND	ND	ND	ND	ND	ND	ND	ND	
Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	1.68	ND	ND	
Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	1.19	ND	ND	
Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	1.32	ND	ND	
524 TVOC	5.74	6.1	7.1	2.78	1.76	1.05	0.98	1.26	7.93	1.34	2.02	
Location Depth (ft bls) Date Sampled Units	NSE-VP02-2018 205-210 02/28/18 ug/L	NSE-VP02-2018 195-200 02/28/18 ug/L	NSE-VP02-2018 185-190 02/28/18 ug/L	NSE-VP02-2018 175-180 02/28/18 ug/L	NSE-VP02-2018 165-170 02/28/18 ug/L	NSE-VP02-2018 155-160 02/28/18 ug/L	NSE-VP02-2018 145-150 03/01/18 ug/L	NSE-VP02-2018 135-140 03/01/18 ug/L	NSE-VP02-2018 125-130 03/01/18 ug/L	NSE-VP02-2018 115-120 03/01/18 ug/L	NSE-VP02-2018 105-110 03/01/18 ug/L	NSE-VP02-2018 95-100 03/01/18 ug/L
Compound												
USEPA Method 504												
1,2-Dibromoethane	ND	ND	0.0424	ND	ND	ND	ND	ND	ND	ND	ND	ND
USEPA Method 524.2												
Chloroform	0.37 J	0.85	1.12	1.74	0.63	ND	1.58	0.74	0.71	0.82	0.96	0.89
1,1,1-Trichloroethane	1.43	ND	ND	0.74	0.8	2.48	3.31	1.14	.450 J	ND	ND	ND
Naphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	2.83	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethylene	0.83	ND	ND	ND	ND	1.02	1.29	0.52	ND	ND	ND	ND
Trichloroethylene	ND	0.29 J	0.52	0.87	1.17	ND	0.34 J	ND	0.92	ND	ND	ND
Tetrachloroethylene	ND	ND	0.45 J	ND	ND	0.41 J	0.42 J	0.48 J	0.39 J	0.19 J	ND	ND
Carbon tetrachloride	ND	ND	ND	0.46 J	0.86	0.27 J	0.68	0.55	0.39 J	ND	ND	ND
524 TVOC	5.46	1.14	2.09	3.81	3.46	4.18	7.62	3.43	2.86	1.01	0.96	0.89

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	205-210	195-200	185-190	175-180	165-170	155-160	145-150	135-140	125-130	115-120	105-110	95-100
	11/28/17	11/28/17	11/28/17	09/29/17	09/29/17	09/29/17	09/29/17	09/29/17	09/29/17	09/29/17	09/29/17	09/29/17
	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												
USEPA Method 504												
1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
USEPA Method 524.2												
Chloroform	0.27 J	0.75	1.29	2.33	0.61	0.98	0.73	0.78	0.67	1.14	0.59	ND
1,1,1- Trichloroethane	ND	2.71	0.77	1.42	0.67	1.17	0.92	0.83	ND	ND	ND	ND
Naphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ND	7.18	0.4 J	0.39 J	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethylene	ND	1.47	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethylene	ND	0.65	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	ND	ND	.410 J	0.99	0.88	0.63	0.26 J	0.32 J	ND	ND	ND	ND
Trichloroethylene	ND	ND	0.56	0.62	0.32	0.24 J	0.63	0.76	0.53	ND	ND	ND
Tetrachloroethylene	ND	ND	ND	0.21 J	0.37	0.52	0.44	0.67	0.7	0.22 J	ND	ND
524 TVOC	0.27	12.76	3.43	5.96	2.85	3.54	2.98	3.36	1.9	1.36	0.59	0
Compound												
USEPA Method 504												
1,2-Dibromoethane	0.0434	0.0241	0.056	0.0497	0.124	0.112	0.0117	ND	ND	ND	ND	ND
USEPA Method 524.2												
Chloroform	0.40 J	0.44 J	ND	0.47 J	0.74 J	0.42 J	0.35 J	0.44 J	3.08	0.57 J	0.46 J	
1,1,1- Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	0.49 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
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	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
tert-Butyl methyl ether	2.69	2.12	1.27	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	1.68	ND	ND	ND
Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	1.19	ND	ND	ND
Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	1.32	ND	ND	ND
524 TVOC	5.74	6.1	7.1	2.78	1.76	1.05	0.98	1.26	7.93	1.34	2.02	

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Location Depth (ft bls) Date Sampled Units	NSE-VP05-2018 195-200 04/12/18 ug/L	NSE-VP05-2018 185-190 04/12/18 ug/L	NSE-VP05-2018 175-180 04/12/18 ug/L	NSE-VP05-2018 165-170 04/12/18 ug/L	NSE-VP05-2018 155-160 04/13/18 ug/L	NSE-VP05-2018 145-150 04/13/18 ug/L	NSE-VP05-2018 135-140 04/13/18 ug/L	NSE-VP05-2018 125-130 04/13/18 ug/L	NSE-VP05-2018 115-120 04/13/18 ug/L	NSE-VP05-2018 105-110 04/13/18 ug/L	NSE-VP05-2018 95-100 04/13/18 ug/L
Compound											
USEPA Method 504											
1,2-Dibromoethane	0.0142 J	0.0146 J	ND	.012 J	0.0264	0.023	.0152 J	0.0124	ND	ND	ND
USEPA Method 524.2											
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
1,1,1- Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethylene	0.6	1.4	7.09	3.23	6.69	4.8	2.78	1.01	0.62	0.65	1.99
Trichloroethylene	ND	ND	ND	ND	0.32 J	0.25 J	ND	ND	ND	ND	ND
tert-Butyl methyl ether	0.35 J	0.27 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
524 TVOC	1.2	2	7.43	3.64	7.86	6.06	3.82	1.78	1.05	0.99	2.17
Compound											
USEPA Method 504											
1,2-Dibromoethane	ND	0.0355	0.0901	0.123	0.459	0.232	0.0439	0.0181	ND	ND	ND
USEPA Method 524.2											
Chloroform	0.97	0.76	0.47 J	0.57	0.52	0.6	0.62	0.71	0.86	0.55	0.54
Naphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethylene	0.92	1.03	2.26	3.84	1.01	0.74	0.65	1.18	0.97	3.33	2.52
Trichloroethylene	0.20 J	ND	0.3	0.4 J	0.38 J	0.3 J	0.28 J	0.26	ND	ND	ND
tert-Butyl methyl ether	ND	ND	7.93	3.48	1.93	2.73	7.29	1.26	0.18 J	ND	ND
1,1,1-Trichloroethane	ND	ND	ND	0.26 J	ND	ND	0.17 J	ND	ND	ND	ND
1,2-Dibromoethane	ND	ND	ND	ND	0.41 J	0.21 J	ND	ND	ND	ND	ND
Toluene	ND	ND	ND	ND	ND	ND	0.27 J	ND	ND	ND	ND
Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
524 TVOC	2.09	1.79	10.96	7	5.8	4.58	9.28	3.41	2.01	3.88	3.06