

Appendix D
2015 Facility Monitoring
Groundwater Results

Motor Pool Area
Analytical Results

2015 Groundwater Data: Volatile Organic Compounds
 Brookhaven National Laboratory
 Project: Motor Pool Area

Analyte	102-05 depth : 57 10/23/2015 µg/L		102-06 depth : 56 10/23/2015 µg/L		102-10 depth : 52 10/23/2015 µg/L		102-11 depth : 52 10/23/2015 µg/L		102-12 depth : 52 10/23/2015 µg/L		102-13 depth : 52 10/23/2015 µg/L	
1,1,1,2-Tetrachloroethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1,1-Trichloroethane	0.5	U	0.5	U	0.22	J	0.62		1.1		1.3	
1,1,2,2-Tetrachloroethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2-Trichloroethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1-Dichloroethane	0.5	U	0.5	U	0.5	U	0.59		1.1		1	
1,1-Dichloroethylene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1-Dichloropropene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2,3-Trichlorobenzene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2,3-Trichloropropane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2,4-Trichlorobenzene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloroethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloropropane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,3-Dichloropropane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
2,2-Dichloropropane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Benzene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Benzene, 1,2,4-trimethyl	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Benzene, 1,3,5-trimethyl-	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Benzene, 1-methylethyl-	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Bromobenzene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Bromodichloromethane	0.5	U	0.5	U	0.19	J	0.5	U	0.5	U	0.5	U
Bromoform	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Carbon tetrachloride	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chlorobenzene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chlorobromomethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chloroethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chloroform	0.5	U	0.5	U	1		0.5	U	0.5	U	0.5	U
cis-1,2-Dichloroethylene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
cis-1,3-Dichloropropene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Cymene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
DBCP	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Dibromochloromethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Dibromomethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Dichlorodifluoromethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
EDB	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Ethene, 1,2-dichloro-, (E)-	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Ethylbenzene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Hexachlorobutadiene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
m-Dichlorobenzene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
m/p xylene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Methyl bromide	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Methyl chloride	0.1	J	0.22	J	0.11	J	0.5	U	0.5	U	0.5	U
Methyl tert-butyl ether	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Methylene chloride	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
n-Butylbenzene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
n-Propylbenzene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Naphthalene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
o-Chlorotoluene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
o-Dichlorobenzene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
o-Xylene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
p-Chlorotoluene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
p-Dichlorobenzene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
sec-Butylbenzene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Styrene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
tert-Butylbenzene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Tetrachloroethylene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Toluene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
trans-1,3-Dichloropropene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Trichloroethylene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Trichlorofluoromethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Vinyl chloride	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Xylene (total)	3	U	3	U	3	U	3	U	3	U	3	U
524.2 TVOC	0.1		0.22		1.52		1.21		2.2		2.3	

Major Petroleum Facility
Analytical Results

2015 Groundwater Data: Volatile Organic Compounds

Brookhaven National Laboratory

Project: Major Petroleum Facility

Analyte	076-16 depth : 35 4/14/2015 µg/L		076-16 depth : 35 10/15/2015 µg/L		076-17 depth : 35 4/14/2015 µg/L		076-17 depth : 35 10/15/2015 µg/L	
1,1,1-Trichloroethane	5	U	5	U	5	U	5	U
1,1,2,2-Tetrachloroethane	5	U	5	U	5	U	5	U
1,1,2-Trichloroethane	5	U	5	U	5	U	5	U
1,1-Dichloroethane	5	U	5	U	5	U	5	U
1,1-Dichloroethylene	5	U	5	U	5	U	5	U
1,2-Dichloroethane	5	U	5	U	5	U	5	U
1,2-Dichloropropane	5	U	5	U	5	U	5	U
2-Hexanone	10	U	10	U	10	U	10	U
Acetone	10	U	1.8	J	10	U	10	U
Benzene	5	U	5	U	5	U	5	U
Bromodichloromethane	5	U	5	U	5	U	5	U
Bromoform	5	U	5	U	5	U	5	U
Carbon disulfide	5	U	5	U	5	U	5	U
Carbon tetrachloride	5	U	5	U	5	U	5	U
Chlorobenzene	5	U	5	U	5	U	5	U
Chloroethane	10	U	10	U	10	U	10	U
Chloroform	0.19	J	0.15	J	5	U	5	U
cis-1,3-Dichloropropene	5	U	5	U	5	U	5	U
Dibromochloromethane	5	U	5	U	5	U	5	U
Ethene, 1,2-dichloro-, (E)-	5	U	5	U	5	U	5	U
Ethylbenzene	5	U	5	U	5	U	5	U
m-Dichlorobenzene	5	U	5	U	10	U	5	U
Methyl bromide	10	U	10	U	10	U	10	U
Methyl chloride	10	U	10	U	10	U	10	U
Methyl ethyl ketone	10	U	10	U	10	U	10	U
Methyl isobutyl ketone (MIBK)	10	U	10	U	10	U	10	U
Methyl tert-butyl ether	10	U	10	U	10	U	10	U
Methylene chloride	5	U	5	U	5	U	5	U
o-Dichlorobenzene	9.6	U	10	U	10	U	9.4	U
p-Dichlorobenzene	9.6	U	10	U	10	U	9.4	U
Tetrachloroethylene	5	U	5	U	5	U	5	U
Toluene	5	U	5	U	5	U	5	U
trans-1,3-Dichloropropene	5	U	5	U	5	U	5	U
Trichloroethylene	5	U	5	U	5	U	5	U
Trichlorofluoromethane	5	U	5	U	5	U	5	U
Vinyl chloride	10	U	10	U	10	U	10	U

2015 Groundwater Data: Volatile Organic Compounds

Brookhaven National Laboratory

Project: Major Petroleum Facility

Analyte	076-18 depth : 30 4/14/2015 µg/L		076-18 depth : 30 10/15/2015 µg/L		076-19 depth : 30 4/14/2015 µg/L		076-19 depth : 30 10/15/2015 µg/L	
1,1,1-Trichloroethane	5	U	5	U	5	U	5	U
1,1,2,2-Tetrachloroethane	5	U	5	U	5	U	5	U
1,1,2-Trichloroethane	5	U	5	U	5	U	5	U
1,1-Dichloroethane	5	U	5	U	5	U	5	U
1,1-Dichloroethylene	5	U	5	U	5	U	5	U
1,2-Dichloroethane	5	U	5	U	5	U	5	U
1,2-Dichloropropane	5	U	5	U	5	U	5	U
2-Hexanone	10	U	10	U	10	U	10	U
Acetone	10	U	10	U	10	U	10	U
Benzene	5	U	5	U	5	U	5	U
Bromodichloromethane	5	U	5	U	5	U	5	U
Bromoform	5	U	5	U	5	U	5	U
Carbon disulfide	5	U	5	U	5	U	5	U
Carbon tetrachloride	5	U	5	U	5	U	5	U
Chlorobenzene	5	U	5	U	5	U	5	U
Chloroethane	10	U	10	U	10	U	10	U
Chloroform	0.27	J	0.46	J	5	U	5	U
cis-1,3-Dichloropropene	5	U	5	U	5	U	5	U
Dibromochloromethane	5	U	5	U	5	U	5	U
Ethene, 1,2-dichloro-, (E)-	5	U	5	U	5	U	5	U
Ethylbenzene	5	U	5	U	5	U	5	U
m-Dichlorobenzene	5	U	5	U	9.5	U	5	U
Methyl bromide	10	U	10	U	10	U	10	U
Methyl chloride	10	U	10	U	10	U	10	U
Methyl ethyl ketone	10	U	10	U	10	U	10	U
Methyl isobutyl ketone (MIBK)	10	U	10	U	10	U	10	U
Methyl tert-butyl ether	10	U	10	U	10	U	10	U
Methylene chloride	5	U	5	U	5	U	5	U
o-Dichlorobenzene	5	U	5	U	9.5	U	5	U
p-Dichlorobenzene	5	U	5	U	5	U	10	U
Tetrachloroethylene	1.8	J	0.46	J	5	U	5	U
Toluene	5	U	5	U	5	U	5	U
trans-1,3-Dichloropropene	5	U	5	U	5	U	5	U
Trichloroethylene	5	U	5	U	5	U	5	U
Trichlorofluoromethane	5	U	5	U	5	U	5	U
Vinyl chloride	10	U	10	U	10	U	10	U

2015 Groundwater Data: Volatile Organic Compounds

Brookhaven National Laboratory

Project: Major Petroleum Facility

Analyte	076-25 depth : 42 4/14/2015 µg/L		076-25 depth : 42 10/15/2015 µg/L		076-378 depth : 34 4/14/2015 µg/L		076-378 depth : 34 10/15/2015 µg/L	
1,1,1-Trichloroethane	0.16	J	5	U	5	U	5	U
1,1,2,2-Tetrachloroethane	5	U	5	U	5	U	5	U
1,1,2-Trichloroethane	5	U	5	U	5	U	5	U
1,1-Dichloroethane	5	U	5	U	5	U	5	U
1,1-Dichloroethylene	5	U	5	U	5	U	5	U
1,2-Dichloroethane	5	U	5	U	5	U	5	U
1,2-Dichloropropane	5	U	5	U	5	U	5	U
2-Hexanone	10	U	10	U	10	U	10	U
Acetone	10	U	10	U	10	U	10	U
Benzene	5	U	5	U	5	U	5	U
Bromodichloromethane	5	U	5	U	5	U	5	U
Bromoform	5	U	5	U	5	U	5	U
Carbon disulfide	5	U	5	U	0.25	J	5	U
Carbon tetrachloride	5	U	5	U	5	U	5	U
Chlorobenzene	5	U	5	U	5	U	5	U
Chloroethane	10	U	10	U	10	U	10	U
Chloroform	0.39	J	0.42	J	5	U	5	U
cis-1,3-Dichloropropene	5	U	5	U	5	U	5	U
Dibromochloromethane	5	U	5	U	5	U	5	U
Ethene, 1,2-dichloro-, (E)-	5	U	5	U	5	U	5	U
Ethylbenzene	5	U	5	U	5	U	5	U
m-Dichlorobenzene	5	U	5	U	5	U	5	U
Methyl bromide	10	U	10	U	10	U	10	U
Methyl chloride	10	U	10	U	10	U	10	U
Methyl ethyl ketone	10	U	10	U	10	U	10	U
Methyl isobutyl ketone (MIBK)	10	U	10	U	10	U	10	U
Methyl tert-butyl ether	10	U	10	U	10	U	10	U
Methylene chloride	5	U	5	U	5	U	5	U
o-Dichlorobenzene	5	U	10	U	5	U	5	U
p-Dichlorobenzene	5	U	10	U	9.7	U	9.7	U
Tetrachloroethylene	3.2	J	4.5	J	5	U	5	U
Toluene	5	U	5	U	5	U	5	U
trans-1,3-Dichloropropene	5	U	5	U	5	U	5	U
Trichloroethylene	5	U	5	U	5	U	5	U
Trichlorofluoromethane	5	U	5	U	5	U	5	U
Vinyl chloride	10	U	10	U	10	U	10	U

2015 Groundwater Data: Volatile Organic Compounds

Brookhaven National Laboratory

Project: Major Petroleum Facility

Analyte	076-379 depth : 36 4/14/2015 µg/L		076-379 depth : 36 10/15/2015 µg/L		076-380 depth : 34 4/14/2015 µg/L		076-380 depth : 34 10/15/2015 µg/L	
1,1,1-Trichloroethane	5	U	5	U	5	U	0.21	J
1,1,2,2-Tetrachloroethane	5	U	5	U	5	U	5	U
1,1,2-Trichloroethane	5	U	5	U	5	U	5	U
1,1-Dichloroethane	5	U	5	U	5	U	5	U
1,1-Dichloroethylene	5	U	5	U	5	U	5	U
1,2-Dichloroethane	5	U	5	U	5	U	5	U
1,2-Dichloropropane	5	U	5	U	5	U	5	U
2-Hexanone	10	U	10	U	10	U	10	U
Acetone	10	U	10	U	10	U	10	U
Benzene	5	U	5	U	5	U	5	U
Bromodichloromethane	5	U	5	U	5	U	5	U
Bromoform	5	U	5	U	5	U	5	U
Carbon disulfide	5	U	5	U	5	U	5	U
Carbon tetrachloride	5	U	5	U	5	U	5	U
Chlorobenzene	5	U	5	U	5	U	5	U
Chloroethane	10	U	10	U	10	U	10	U
Chloroform	0.11	J	5	U	5	U	5	U
cis-1,3-Dichloropropene	5	U	5	U	5	U	5	U
Dibromochloromethane	5	U	5	U	5	U	5	U
Ethene, 1,2-dichloro-, (E)-	5	U	5	U	5	U	5	U
Ethylbenzene	5	U	5	U	5	U	5	U
m-Dichlorobenzene	5	U	10	U	5	U	9.7	U
Methyl bromide	10	U	10	U	10	U	10	U
Methyl chloride	10	U	10	U	10	U	10	U
Methyl ethyl ketone	10	U	10	U	10	U	10	U
Methyl isobutyl ketone (MIBK)	10	U	10	U	10	U	10	U
Methyl tert-butyl ether	10	U	10	U	10	U	10	U
Methylene chloride	0.83	J	5	U	5	U	5	U
o-Dichlorobenzene	5	U	10	U	5	U	5	U
p-Dichlorobenzene	5	U	10	U	5	U	9.7	U
Tetrachloroethylene	5	U	5	U	1.1	J	4	J
Toluene	5	U	5	U	5	U	0.24	J
trans-1,3-Dichloropropene	5	U	5	U	5	U	5	U
Trichloroethylene	5	U	5	U	5	U	5	U
Trichlorofluoromethane	5	U	5	U	5	U	5	U
Vinyl chloride	10	U	10	U	10	U	10	U

2015 Groundwater Data: Semivolatile Organic Compounds
 Brookhaven National Laboratory
 Project: Major Petroleum Facility

<i>Analyte</i>	076-16 depth : 35 4/14/2015 µg/L		076-16 depth : 35 10/15/2015 µg/L		076-17 depth : 35 4/14/2015 µg/L		076-17 depth : 35 10/15/2015 µg/L		076-18 depth : 30 4/14/2015 µg/L		076-18 depth : 30 10/15/2015 µg/L		076-19 depth : 30 4/14/2015 µg/L	
1,2,4-Trichlorobenzene	9.6	U	10	U	10	U	9.4	U	9.8	U	9.6	U	9.5	U
2,4,6-Trichlorophenol	9.6	U	10	U	10	U	9.4	U	9.8	U	9.6	U	9.5	U
2,4-Dichlorophenol	9.6	U	10	U	10	U	9.4	U	9.8	U	9.6	U	9.5	U
2,4-Dimethylphenol	9.6	U	10	U	10	U	9.4	U	9.8	U	9.6	U	9.5	U
2,4-Dinitrophenol	48	U	52	U	50	U	47	U	49	U	48	U	48	U
2,4-Dinitrotoluene	9.6	U	10	U	10	U	9.4	U	9.8	U	9.6	U	9.5	U
2,6-Dinitrotoluene	9.6	U	10	U	10	U	9.4	U	9.8	U	9.6	U	9.5	U
2-Chloronaphthalene	9.6	U	10	U	10	U	9.4	U	9.8	U	9.6	U	9.5	U
2-Chlorophenol	9.6	U	10	U	10	U	9.4	U	9.8	U	9.6	U	9.5	U
3,3'-Dichlorobenzidine	48	U	52	U	50	U	47	U	49	U	48	U	48	U
4,6-Dinitro-o-cresol	48	U	52	U	50	U	47	U	49	U	48	U	48	U
4-Bromophenyl phenyl ether	9.6	U	10	U	10	U	9.4	U	9.8	U	9.6	U	9.5	U
4-Chlorophenyl phenyl ether	9.6	U	10	U	10	U	9.4	U	9.8	U	9.6	U	9.5	U
Acenaphthene	9.6	U	10	U	10	U	9.4	U	9.8	U	9.6	U	9.5	U
Acenaphthylene	9.6	U	10	U	10	U	9.4	U	9.8	U	9.6	U	9.5	U
Anthracene	9.6	U	10	U	10	U	9.4	U	9.8	U	9.6	U	9.5	U
Benzo(a)anthracene	9.6	U	10	U	10	U	9.4	U	9.8	U	9.6	U	9.5	U
Benzo(a)pyrene	9.6	U	10	U	10	U	9.4	U	9.8	U	9.6	U	9.5	U
Benzo(b)fluoranthene	9.6	U	10	U	10	U	9.4	U	9.8	U	9.6	U	9.5	U
Benzo(ghi)perylene	9.6	U	10	U	10	U	9.4	U	9.8	U	9.6	U	9.5	U
Benzo(k)fluoranthene	9.6	U	10	U	10	U	9.4	U	9.8	U	9.6	U	9.5	U
Bis(2-chloroethoxy)methane	9.6	U	10	U	10	U	9.4	U	9.8	U	9.6	U	9.5	U
Bis(2-chloroethyl)ether	9.6	U	10	U	10	U	9.4	U	9.8	U	9.6	U	9.5	U
Bis(2-ethylhexyl)phthalate	9.6	U	10	U	10	U	9.4	U	9.8	U	9.6	U	9.5	U
bis-chloroisopropyl ether	9.6	U	10	U	10	U	9.4	U	9.8	U	9.6	U	9.5	U
Butyl benzyl phthalate	9.6	U	10	U	10	U	9.4	U	9.8	U	9.6	U	9.5	U
Chrysene	9.6	U	10	U	10	U	9.4	U	9.8	U	9.6	U	9.5	U
Di-n-butyl phthalate	9.6	U	10	U	10	U	9.4	U	9.8	U	9.6	U	9.5	U
Di-n-octyl phthalate	9.6	U	10	U	10	U	9.4	U	9.8	U	9.6	U	9.5	U
Dibenzo(a,h)anthracene	9.6	U	10	U	10	U	9.4	U	9.8	U	9.6	U	9.5	U
Diethyl phthalate	9.6	U	10	U	10	U	9.4	U	9.8	U	9.6	U	9.5	U
Dimethyl phthalate	9.6	U	10	U	10	U	9.4	U	9.8	U	9.6	U	9.5	U
Fluoranthene	9.6	U	10	U	10	U	9.4	U	9.8	U	9.6	U	9.5	U
Fluorene	9.6	U	10	U	10	U	9.4	U	9.8	U	9.6	U	9.5	U
Hexachlorobenzene	9.6	U	10	U	10	U	9.4	U	9.8	U	9.6	U	9.5	U
Hexachlorobutadiene	9.6	U	10	U	10	U	9.4	U	9.8	U	9.6	U	9.5	U
Hexachlorocyclopentadiene	48	U	52	U	50	U	47	U	49	U	48	U	48	U
Hexachloroethane	9.6	U	10	U	10	U	9.4	U	9.8	U	9.6	U	9.5	U
Indeno(1,2,3-cd)pyrene	9.6	U	10	U	10	U	9.4	U	9.8	U	9.6	U	9.5	U
Isophorone	9.6	U	10	U	10	U	9.4	U	9.8	U	9.6	U	9.5	U
m-Dichlorobenzene	5	U	5	U	5	U	9.4	U	9.8	U	9.6	U	5	U
N-Nitrosodimethylamine	9.6	U	10	U	10	U	9.4	U	9.8	U	9.6	U	9.5	U
N-Nitrosodiphenylamine	9.6	U	10	U	10	U	9.4	U	9.8	U	9.6	U	9.5	U
N-Nitrosodipropylamine	9.6	U	10	U	10	U	9.4	U	9.8	U	9.6	U	9.5	U
Naphthalene	9.6	U	10	U	10	U	9.4	U	9.8	U	9.6	U	9.5	U
Nitrobenzene	9.6	U	10	U	10	U	9.4	U	9.8	U	9.6	U	9.5	U
o-Dichlorobenzene	9.6	U	5	U	5	U	5	U	9.8	U	9.6	U	5	U
o-Nitrophenol	9.6	U	10	U	10	U	9.4	U	9.8	U	9.6	U	9.5	U
p-Chloro-m-cresol	9.6	U	10	U	10	U	9.4	U	9.8	U	9.6	U	9.5	U
p-Dichlorobenzene	9.6	U	5	U	5	U	5	U	9.8	U	9.6	U	9.5	U
p-Nitrophenol	48	U	52	U	50	U	47	U	49	U	48	U	48	U
PCP	48	U	52	U	50	U	47	U	49	U	48	U	48	U
Phenanthrene	9.6	U	10	U	10	U	9.4	U	9.8	U	9.6	U	9.5	U
Phenol	9.6	U	10	U	10	U	9.4	U	9.8	U	9.6	U	9.5	U
Pyrene	9.6	U	10	U	10	U	9.4	U	9.8	U	9.6	U	9.5	U

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Analyte	076-19 depth : 30 10/15/2015 µg/L		076-25 depth : 42 4/14/2015 µg/L		076-25 depth : 42 10/15/2015 µg/L		076-378 depth : 34 4/14/2015 µg/L		076-378 depth : 34 10/15/2015 µg/L		076-379 depth : 36 4/14/2015 µg/L		076-379 depth : 36 10/15/2015 µg/L	
1,2,4-Trichlorobenzene	10	U	9.4	U	10	U	9.7	U	9.7	U	9.6	U	10	U
2,4,6-Trichlorophenol	10	U	9.4	U	10	U	9.7	U	9.7	U	9.6	U	10	U
2,4-Dichlorophenol	10	U	9.4	U	10	U	9.7	U	9.7	U	9.6	U	10	U
2,4-Dimethylphenol	10	U	9.4	U	10	U	9.7	U	9.7	U	9.6	U	10	U
2,4-Dinitrophenol	50	U	47	U	51	U	49	U	48	U	48	U	51	U
2,4-Dinitrotoluene	10	U	9.4	U	10	U	9.7	U	9.7	U	9.6	U	10	U
2,6-Dinitrotoluene	10	U	9.4	U	10	U	9.7	U	9.7	U	9.6	U	10	U
2-Chloronaphthalene	10	U	9.4	U	10	U	9.7	U	9.7	U	9.6	U	10	U
2-Chlorophenol	10	U	9.4	U	10	U	9.7	U	9.7	U	9.6	U	10	U
3,3'-Dichlorobenzidine	50	U	47	U	51	U	49	U	48	U	48	U	51	U
4,6-Dinitro-o-cresol	50	U	47	U	51	U	49	U	48	U	48	U	51	U
4-Bromophenyl phenyl ether	10	U	9.4	U	10	U	9.7	U	9.7	U	9.6	U	10	U
4-Chlorophenyl phenyl ether	10	U	9.4	U	10	U	9.7	U	9.7	U	9.6	U	10	U
Acenaphthene	10	U	9.4	U	10	U	9.7	U	9.7	U	9.6	U	10	U
Acenaphthylene	10	U	9.4	U	10	U	9.7	U	9.7	U	9.6	U	10	U
Anthracene	10	U	9.4	U	10	U	9.7	U	9.7	U	9.6	U	10	U
Benzo(a)anthracene	10	U	9.4	U	10	U	9.7	U	9.7	U	9.6	U	10	U
Benzo(a)pyrene	10	U	9.4	U	10	U	9.7	U	9.7	U	9.6	U	10	U
Benzo(b)fluoranthene	10	U	9.4	U	10	U	9.7	U	9.7	U	9.6	U	10	U
Benzo(ghi)perylene	10	U	9.4	U	10	U	9.7	U	9.7	U	9.6	U	10	U
Benzo(k)fluoranthene	10	U	9.4	U	10	U	9.7	U	9.7	U	9.6	U	10	U
Bis(2-chloroethoxy)methane	10	U	9.4	U	10	U	9.7	U	9.7	U	9.6	U	10	U
Bis(2-chloroethyl)ether	10	U	9.4	U	10	U	9.7	U	9.7	U	9.6	U	10	U
Bis(2-ethylhexyl)phthalate	10	U	9.4	U	10	U	9.7	U	9.7	U	9.6	U	10	U
bis-chloroisopropyl ether	10	U	9.4	U	10	U	9.7	U	9.7	U	9.6	U	10	U
Butyl benzyl phthalate	10	U	9.4	U	10	U	9.7	U	9.7	U	9.6	U	10	U
Chrysene	10	U	9.4	U	10	U	9.7	U	9.7	U	9.6	U	10	U
Di-n-butyl phthalate	10	U	9.4	U	10	U	9.7	U	9.7	U	9.6	U	10	U
Di-n-octyl phthalate	10	U	9.4	U	10	U	9.7	U	9.7	U	9.6	U	10	U
Dibenzo(a,h)anthracene	10	U	9.4	U	10	U	9.7	U	9.7	U	9.6	U	10	U
Diethyl phthalate	10	U	9.4	U	10	U	9.7	U	9.7	U	9.6	U	10	U
Dimethyl phthalate	10	U	9.4	U	10	U	9.7	U	9.7	U	9.6	U	10	U
Fluoranthene	10	U	9.4	U	10	U	9.7	U	9.7	U	9.6	U	10	U
Fluorene	10	U	9.4	U	10	U	9.7	U	9.7	U	9.6	U	10	U
Hexachlorobenzene	10	U	9.4	U	10	U	9.7	U	9.7	U	9.6	U	10	U
Hexachlorobutadiene	10	U	9.4	U	10	U	9.7	U	9.7	U	9.6	U	10	U
Hexachlorocyclopentadiene	50	U	47	U	51	U	49	U	48	U	48	U	51	U
Hexachloroethane	10	U	9.4	U	10	U	9.7	U	9.7	U	9.6	U	10	U
Indeno(1,2,3-cd)pyrene	10	U	9.4	U	10	U	9.7	U	9.7	U	9.6	U	10	U
Isophorone	10	U	9.4	U	10	U	9.7	U	9.7	U	9.6	U	10	U
m-Dichlorobenzene	10	U	9.4	U	10	U	9.7	U	9.7	U	9.6	U	5	U
N-Nitrosodimethylamine	10	U	9.4	U	10	U	9.7	U	9.7	U	9.6	U	10	U
N-Nitrosodiphenylamine	10	U	9.4	U	10	U	9.7	U	9.7	U	9.6	U	10	U
N-Nitrosodipropylamine	10	U	9.4	U	10	U	9.7	U	9.7	U	9.6	U	10	U
Naphthalene	10	U	9.4	U	10	U	9.7	U	9.7	U	9.6	U	10	U
Nitrobenzene	10	U	9.4	U	10	U	9.7	U	9.7	U	9.6	U	10	U
o-Dichlorobenzene	10	U	9.4	U	5	U	9.7	U	9.7	U	9.6	U	5	U
o-Nitrophenol	10	U	9.4	U	10	U	9.7	U	9.7	U	9.6	U	10	U
p-Chloro-m-cresol	10	U	9.4	U	10	U	9.7	U	9.7	U	9.6	U	10	U
p-Dichlorobenzene	5	U	9.4	U	5	U	5	U	5	U	9.6	U	5	U
p-Nitrophenol	50	U	47	U	51	U	49	U	48	U	48	U	51	U
PCP	50	U	47	U	51	U	49	U	48	U	48	U	51	U
Phenanthrene	10	U	9.4	U	10	U	9.7	U	9.7	U	9.6	U	10	U
Phenol	10	U	9.4	U	10	U	9.7	U	9.7	U	9.6	U	10	U
Pyrene	10	U	9.4	U	10	U	9.7	U	9.7	U	9.6	U	10	U

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Analyte	076-380 depth : 34 4/14/2015 µg/L		076-380 depth : 34 10/15/2015 µg/L	
1,2,4-Trichlorobenzene	9.5	U	9.7	U
2,4,6-Trichlorophenol	9.5	U	9.7	U
2,4-Dichlorophenol	9.5	U	9.7	U
2,4-Dimethylphenol	9.5	U	9.7	U
2,4-Dinitrophenol	48	U	48	U
2,4-Dinitrotoluene	9.5	U	9.7	U
2,6-Dinitrotoluene	9.5	U	9.7	U
2-Chloronaphthalene	9.5	U	9.7	U
2-Chlorophenol	9.5	U	9.7	U
3,3'-Dichlorobenzidine	48	U	48	U
4,6-Dinitro-o-cresol	48	U	48	U
4-Bromophenyl phenyl ether	9.5	U	9.7	U
4-Chlorophenyl phenyl ether	9.5	U	9.7	U
Acenaphthene	9.5	U	9.7	U
Acenaphthylene	9.5	U	9.7	U
Anthracene	9.5	U	9.7	U
Benzo(a)anthracene	9.5	U	9.7	U
Benzo(a)pyrene	9.5	U	9.7	U
Benzo(b)fluoranthene	9.5	U	9.7	U
Benzo(ghi)perylene	9.5	U	9.7	U
Benzo(k)fluoranthene	9.5	U	9.7	U
Bis(2-chloroethoxy)methane	9.5	U	9.7	U
Bis(2-chloroethyl)ether	9.5	U	9.7	U
Bis(2-ethylhexyl)phthalate	9.5	U	9.7	U
bis-chloroisopropyl ether	9.5	U	9.7	U
Butyl benzyl phthalate	9.5	U	9.7	U
Chrysene	9.5	U	9.7	U
Di-n-butyl phthalate	9.5	U	9.7	U
Di-n-octyl phthalate	9.5	U	9.7	U
Dibenzo(a,h)anthracene	9.5	U	9.7	U
Diethyl phthalate	9.5	U	9.7	U
Dimethyl phthalate	9.5	U	9.7	U
Fluoranthene	9.5	U	9.7	U
Fluorene	9.5	U	9.7	U
Hexachlorobenzene	9.5	U	9.7	U
Hexachlorobutadiene	9.5	U	9.7	U
Hexachlorocyclopentadiene	48	U	48	U
Hexachloroethane	9.5	U	9.7	U
Indeno(1,2,3-cd)pyrene	9.5	U	9.7	U
Isophorone	9.5	U	9.7	U
m-Dichlorobenzene	9.5	U	5	U
N-Nitrosodimethylamine	9.5	U	9.7	U
N-Nitrosodiphenylamine	9.5	U	9.7	U
N-Nitrosodipropylamine	9.5	U	9.7	U
Naphthalene	9.5	U	9.7	U
Nitrobenzene	9.5	U	9.7	U
o-Dichlorobenzene	9.5	U	9.7	U
o-Nitrophenol	9.5	U	9.7	U
p-Chloro-m-cresol	9.5	U	9.7	U
p-Dichlorobenzene	9.5	U	5	U
p-Nitrophenol	48	U	48	U
PCP	48	U	48	U
Phenanthrene	9.5	U	9.7	U
Phenol	9.5	U	9.7	U
Pyrene	9.5	U	9.7	U

RHIC Facility
Analytical Results

2015 Groundwater Data: Radionuclides
 Brookhaven National Laboratory
 Project: RHIC Facility

<i>Analyte</i>	025-03 depth : 46 1/16/2015 pCi/L				025-03 depth : 46 8/13/2015 pCi/L				025-04 depth : 46 1/16/2015 pCi/L				025-04 depth : 46 8/13/2015 pCi/L			
	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error
Tritium	-85.6	U	421	232	145	U	402	235	-85.6	U	430	235	163	U	402	238

2015 Groundwater Data: Radionuclides
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 Project: RHIC Facility

<i>Analyte</i>	025-05 depth : 12 1/17/2015 pCi/L				025-05 depth : 12 8/13/2015 pCi/L				025-06 depth : 12 1/17/2015 pCi/L				025-06 depth : 12 8/13/2015 pCi/L			
	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error
Tritium	13.5	U	427	243	131	U	388	227	-153	U	421	226	49.1	U	393	218

2015 Groundwater Data: Radionuclides
 Brookhaven National Laboratory
 Project: RHIC Facility

<i>Analyte</i>	025-07 depth : 13 1/17/2015 pCi/L				025-07 depth : 13 8/13/2015 pCi/L				025-08 depth : 12 1/17/2015 pCi/L				025-08 depth : 12 8/13/2015 pCi/L			
	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error
Tritium	40.5	U	418	241	113	U	405	232	-18	U	482	269	87.8	U	393	223

2015 Groundwater Data: Radionuclides
 Brookhaven National Laboratory
 Project: RHIC Facility

<i>Analyte</i>	034-05 depth : 42 1/16/2015 pCi/L				034-05 depth : 42 8/13/2015 pCi/L				034-06 depth : 42 1/16/2015 pCi/L				034-06 depth : 42 8/13/2015 pCi/L			
	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error
Tritium	85.6	U	480	279	50.9	U	385	215	261	U	475	294	-111	U	405	197

2015 Groundwater Data: Radionuclides
 Brookhaven National Laboratory
 Project: RHIC Facility

<i>Analyte</i>	043-01 depth : 41 1/17/2015 pCi/L				043-01 depth : 41 8/13/2015 pCi/L				043-02 depth : 64 1/17/2015 pCi/L				043-02 depth : 64 8/13/2015 pCi/L			
	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error
Tritium	158	U	469	281	9.46	U	396	213	49.5	U	473	272	-170	U	394	188

2015 Groundwater Data: Radionuclides
 Brookhaven National Laboratory
 Project: RHIC Facility

<i>Analyte</i>	044-13 depth : 38 1/17/2015 pCi/L				044-13 depth : 38 8/13/2015 pCi/L				044-14 depth : 59 1/17/2015 pCi/L				044-14 depth : 59 8/13/2015 pCi/L			
	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error
Tritium	-31.5	U	482	268	21.6	U	386	213	22.5	U	482	273	-49.5	U	392	205

2015 Groundwater Data: Radionuclides
 Brookhaven National Laboratory
 Project: RHIC Facility

<i>Analyte</i>	044-29 depth : 35 1/17/2015 pCi/L				044-29 depth : 35 8/13/2015 pCi/L			
	Result	Qual	MDA	Error	Result	Qual	MDA	Error
Tritium	-81.1	U	496	268	81.5	U	397	226

Service Station
Analytical Results

Analyte	085-17 depth : 45 10/23/2015 µg/L		085-235 depth : 42 10/23/2015 µg/L		085-236 depth : 42 10/23/2015 µg/L		085-237 depth : 42 10/23/2015 µg/L	
1,1,1,2-Tetrachloroethane	0.5	U	0.5	U	0.5	U	0.5	U
1,1,1-Trichloroethane	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2,2-Tetrachloroethane	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2-Trichloroethane	0.5	U	0.5	U	0.5	U	0.5	U
1,1-Dichloroethane	0.5	U	0.5	U	0.5	U	0.5	U
1,1-Dichloroethylene	0.5	U	0.5	U	0.5	U	0.5	U
1,1-Dichloropropene	0.5	U	0.5	U	0.5	U	0.5	U
1,2,3-Trichlorobenzene	0.5	U	0.5	U	0.5	U	0.5	U
1,2,3-Trichloropropane	0.5	U	0.5	U	0.5	U	0.5	U
1,2,4-Trichlorobenzene	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloroethane	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloropropane	0.5	U	0.5	U	0.5	U	0.5	U
1,3-Dichloropropane	0.5	U	0.5	U	0.5	U	0.5	U
2,2-Dichloropropane	0.5	U	0.5	U	0.5	U	0.5	U
Benzene	0.5	U	0.5	U	0.5	U	0.5	U
Benzene, 1,2,4-trimethyl	0.5	U	0.5	U	0.5	U	0.5	U
Benzene, 1,3,5-trimethyl-	0.5	U	0.5	U	0.5	U	0.5	U
Benzene, 1-methylethyl-	0.5	U	0.5	U	1.3		0.5	U
Bromobenzene	0.5	U	0.5	U	0.5	U	0.5	U
Bromodichloromethane	0.5	U	0.5	U	0.5	U	0.5	U
Bromoform	0.5	U	0.5	U	0.5	U	0.5	U
Carbon tetrachloride	0.17	J	0.5	U	0.5	U	0.5	U
Chlorobenzene	0.5	U	0.5	U	0.5	U	0.5	U
Chlorobromomethane	0.5	U	0.5	U	0.5	U	0.5	U
Chloroethane	0.5	U	0.5	U	0.5	U	0.5	U
Chloroform	0.32	J	0.55		0.42	J	0.25	J
cis-1,2-Dichloroethylene	0.5	U	0.5	U	0.5	U	0.5	U
cis-1,3-Dichloropropene	0.5	U	0.5	U	0.5	U	0.5	U
Cymene	0.5	U	0.5	U	0.5	U	0.5	U
DBCP	0.5	U	0.5	U	0.5	U	0.5	U
Dibromochloromethane	0.5	U	0.5	U	0.5	U	0.5	U
Dibromomethane	0.5	U	0.5	U	0.5	U	0.5	U
Dichlorodifluoromethane	0.5	U	0.5	U	0.5	U	0.5	U
EDB	0.5	U	0.5	U	0.5	U	0.5	U
Ethene, 1,2-dichloro-, (E)-	0.5	U	0.5	U	0.5	U	0.5	U
Ethylbenzene	0.5	U	0.5	U	0.5	U	0.5	U
Hexachlorobutadiene	0.5	U	0.5	U	0.5	U	0.5	U
m-Dichlorobenzene	0.5	U	0.5	U	0.5	U	0.5	U
m/p xylene	0.5	U	0.5	U	0.5	U	0.5	U
Methyl bromide	0.5	U	0.5	U	0.5	U	0.5	U
Methyl chloride	0.5	U	0.5	U	0.5	U	0.13	J
Methyl tert-butyl ether	0.5	U	0.5	U	0.5	U	0.5	U
Methylene chloride	0.5	U	0.5	U	0.5	U	0.5	U
n-Butylbenzene	0.5	U	0.5	U	0.16	J	0.5	U
n-Propylbenzene	0.5	U	0.5	U	0.56		0.5	U
Naphthalene	0.5	U	0.5	U	1.1		0.5	U
o-Chlorotoluene	0.5	U	0.5	U	0.5	U	0.5	U
o-Dichlorobenzene	0.5	U	0.5	U	0.5	U	0.5	U
o-Xylene	0.5	U	0.5	U	0.23	J	0.5	U
p-Chlorotoluene	0.5	U	0.5	U	0.5	U	0.5	U
p-Dichlorobenzene	0.5	U	0.5	U	0.5	U	0.5	U
sec-Butylbenzene	0.5	U	0.5	U	0.15	J	0.5	U
Styrene	0.5	U	0.5	U	0.5	U	0.5	U
tert-Butylbenzene	0.5	U	0.5	U	0.5	U	0.5	U
Tetrachloroethylene	1.7		0.37	J	4.2		0.79	
Toluene	0.5	U	0.5	U	0.5	U	0.5	U
trans-1,3-Dichloropropene	0.5	U	0.5	U	0.5	U	0.5	U
Trichloroethylene	0.5	U	0.5	U	0.5	U	0.5	U
Trichlorofluoromethane	0.5	U	0.5	U	0.5	U	0.5	U
Vinyl chloride	0.5	U	0.5	U	0.5	U	0.5	U
Xylene (total)	3	U	3	U	0.23	J	3	U
524.2 TVOC	2.19		0.92		8.12		1.17	

Sewage Treatment Plant and Peconic River
Analytical Results

2015 Groundwater Data: Metals
 Brookhaven National Laboratory
 Project: Sewage Treatment Plant

	039-115 depth : 20 11/10/2015 µg/L		039-87 depth : 19 11/10/2015 µg/L		039-88 depth : 24 11/10/2015 µg/L		039-89 depth : 22 11/10/2015 µg/L		048-08 depth : 20 11/10/2015 µg/L		048-09 depth : 20 11/10/2015 µg/L		048-10 depth : 20 11/10/2015 µg/L	
Analyte														
Aluminum	33	B	880		94		27	B	61		500		110	
Antimony	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Arsenic	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Barium	88		61		190		150		7.6	B	180		89	
Beryllium	2	U	2	U	2	U	2	U	2	U	0.52	B	2	U
Cadmium	0.17	B	1	B	0.65	B	0.16	B	2	U	0.36	B	0.27	B
Calcium	13000		16000		7400		14000		3700		5900		5200	
Chromium	10	U	1.1	B	10	U	10	U	10	U	10	U	10	U
Cobalt	6.3		1.8	B	0.88	B	0.58	B	0.23	B	2.4	B	1.7	B
Copper	3.6	B	0.75	B	10	U	10	U	1.4	B	1.7	B	10	U
Iron	150		680		110		77		50	U	90		71	
Lead	0.73	B	0.62	B	3	U	3	U	0.37	B	0.53	B	0.24	B
Magnesium	5000		3200		3300		4500		770		3700		3900	
Manganese	9.7		34		36		32		18		100		260	
Mercury	0.076	B	0.2	U	0.2	U	0.071	B	0.077	B	0.36		0.075	B
Nickel	0.92	B	10	U	0.84	B	10	U	10	U	1.1	B	10	U
Potassium	3800		1400	B	3000		3900		320	B	1700	B	3200	
Selenium	5	U	5	U	5	U	5	U	5	U	3.6	B	5	U
Silver	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Sodium	57000		17000		54000		58000		6900		53000		57000	
Thallium	5	U	5	U	5	U	5	U	5	U	0.84	B	5	U
Vanadium	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Zinc	20	U	26		9.4	B	20	U	20	U	20	U	20	U

2015 Groundwater Data: Pesticides
 Brookhaven National Laboratory
 Project: Sewage Treatment Plant

Analyte	039-115 depth : 20 11/10/2015 µg/L		039-87 depth : 19 11/10/2015 µg/L		039-88 depth : 24 11/10/2015 µg/L		039-89 depth : 22 11/10/2015 µg/L		048-08 depth : 20 11/10/2015 µg/L		048-09 depth : 20 11/10/2015 µg/L		048-10 depth : 20 11/10/2015 µg/L	
4,4''-DDD	0.055	U	0.055	U	0.052	U	0.05	U	0.05	U	0.053	U	0.049	U
4,4''-DDE	0.055	U	0.055	U	0.052	U	0.05	U	0.05	U	0.053	U	0.049	U
4,4''-DDT	0.055	U	0.055	U	0.052	U	0.05	U	0.05	U	0.053	U	0.049	U
Aldrin	0.055	U	0.055	U	0.052	U	0.05	U	0.05	U	0.053	U	0.049	U
alpha-BHC	0.055	U	0.055	U	0.052	U	0.05	U	0.05	U	0.053	U	0.049	U
alpha-Chlordane	0.055	U	0.055	U	0.052	U	0.05	U	0.05	U	0.053	U	0.049	U
beta-BHC	0.055	U	0.055	U	0.052	U	0.05	U	0.05	U	0.053	U	0.049	U
delta-BHC	0.055	U	0.055	U	0.052	U	0.05	U	0.05	U	0.053	U	0.049	U
Dieldrin	0.055	U	0.055	U	0.052	U	0.05	U	0.05	U	0.053	U	0.049	U
Endosulfan I	0.055	U	0.055	U	0.052	U	0.05	U	0.05	U	0.053	U	0.049	U
Endosulfan II	0.055	U	0.055	U	0.052	U	0.05	U	0.05	U	0.053	U	0.049	U
Endosulfan sulfate	0.055	U	0.055	U	0.052	U	0.05	U	0.05	U	0.053	U	0.049	U
Endrin	0.055	U	0.055	U	0.052	U	0.05	U	0.05	U	0.053	U	0.049	U
Endrin aldehyde	0.055	U	0.055	U	0.052	U	0.05	U	0.05	U	0.053	U	0.049	U
Endrin ketone	0.055	U	0.055	U	0.052	U	0.05	U	0.05	U	0.053	U	0.049	U
gamma-Chlordane	0.055	U	0.055	U	0.052	U	0.05	U	0.05	U	0.053	U	0.049	U
Heptachlor	0.055	U	0.055	U	0.052	U	0.05	U	0.05	U	0.053	U	0.049	U
Heptachlor epoxide	0.055	U	0.055	U	0.052	U	0.05	U	0.05	U	0.053	U	0.049	U
Lindane	0.055	U	0.055	U	0.052	U	0.05	U	0.05	U	0.053	U	0.049	U
Methoxychlor	0.11	U	0.11	U	0.1	U	0.1	U	0.1	U	0.11	U	0.099	U
Toxaphene	2.2	U	2.2	U	2.1	U	2	U	2	U	2.1	U	2	U

Waste Management Facility
Analytical Results

Analyte	055-03 depth : 50 1/18/2015 µg/L		055-03 depth : 50 8/12/2015 µg/L		055-10 depth : 94 1/18/2015 µg/L		055-10 depth : 94 8/12/2015 µg/L		066-220 depth : 46 1/18/2015 µg/L		066-220 depth : 46 8/12/2015 µg/L		066-221 depth : 47 1/18/2015 µg/L		066-221 depth : 47 8/12/2015 µg/L	
1,1,1,2-Tetrachloroethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1,1-Trichloroethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2,2-Tetrachloroethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2-Trichloroethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1-Dichloroethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1-Dichloroethylene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1-Dichloropropene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2,3-Trichlorobenzene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2,3-Trichloropropane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2,4-Trichlorobenzene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloroethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloropropane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,3-Dichloropropane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
2,2-Dichloropropane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Benzene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Benzene, 1,2,4-trimethyl	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Benzene, 1,3,5-trimethyl-	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Benzene, 1-methylethyl-	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Bromobenzene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Bromodichloromethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Bromoform	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Carbon tetrachloride	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chlorobenzene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chlorobromomethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chloroethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chloroform	0.5	U	0.18	J	0.83		0.28	J	0.5	U	0.27	J	0.5	U	0.5	U
cis-1,2-Dichloroethylene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
cis-1,3-Dichloropropene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Cymene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
DBCP	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Dibromochloromethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Dibromomethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Dichlorodifluoromethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
EDB	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Ethene, 1,2-dichloro-, (E)-	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Ethylbenzene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Hexachlorobutadiene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
m-Dichlorobenzene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
m/p xylene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Methyl bromide	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Methyl chloride	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Methyl tert-butyl ether	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Methylene chloride	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
n-Butylbenzene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
n-Propylbenzene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Naphthalene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
o-Chlorotoluene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
o-Dichlorobenzene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
o-Xylene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
p-Chlorotoluene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
p-Dichlorobenzene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
sec-Butylbenzene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Styrene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
tert-Butylbenzene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Tetrachloroethylene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Toluene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
trans-1,3-Dichloropropene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Trichloroethylene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Trichlorofluoromethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Vinyl chloride	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Xylene (total)	3	U	3	U	3	U	3	U	3	U	3	U	3	U	3	U
524.2 TVOC	0		0.18		0.83		0.28		0		0.27		0		0	

Analyte	066-222 depth : 48 1/18/2015 µg/L		066-222 depth : 48 8/12/2015 µg/L		066-223 depth : 48 1/18/2015 µg/L		066-223 depth : 48 8/12/2015 µg/L	
1,1,1,2-Tetrachloroethane	0.5	U	0.5	U	0.5	U	0.5	U
1,1,1-Trichloroethane	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2,2-Tetrachloroethane	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2-Trichloroethane	0.5	U	0.5	U	0.5	U	0.5	U
1,1-Dichloroethane	0.5	U	0.5	U	0.5	U	0.5	U
1,1-Dichloroethylene	0.5	U	0.5	U	0.5	U	0.5	U
1,1-Dichloropropene	0.5	U	0.5	U	0.5	U	0.5	U
1,2,3-Trichlorobenzene	0.5	U	0.5	U	0.5	U	0.5	U
1,2,3-Trichloropropane	0.5	U	0.5	U	0.5	U	0.5	U
1,2,4-Trichlorobenzene	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloroethane	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloropropane	0.5	U	0.5	U	0.5	U	0.5	U
1,3-Dichloropropane	0.5	U	0.5	U	0.5	U	0.5	U
2,2-Dichloropropane	0.5	U	0.5	U	0.5	U	0.5	U
Benzene	0.5	U	0.5	U	0.5	U	0.5	U
Benzene, 1,2,4-trimethyl	0.5	U	0.5	U	0.5	U	0.5	U
Benzene, 1,3,5-trimethyl-	0.5	U	0.5	U	0.5	U	0.5	U
Benzene, 1-methylethyl-	0.5	U	0.5	U	0.5	U	0.5	U
Bromobenzene	0.5	U	0.5	U	0.5	U	0.5	U
Bromodichloromethane	0.5	U	0.5	U	0.5	U	0.5	U
Bromoform	0.5	U	0.5	U	0.5	U	0.5	U
Carbon tetrachloride	0.5	U	0.5	U	0.5	U	0.5	U
Chlorobenzene	0.5	U	0.5	U	0.5	U	0.5	U
Chlorobromomethane	0.5	U	0.5	U	0.5	U	0.5	U
Chloroethane	0.5	U	0.5	U	0.5	U	0.5	U
Chloroform	0.15	J	0.5	U	0.5	U	0.5	U
cis-1,2-Dichloroethylene	0.5	U	0.5	U	0.5	U	0.5	U
cis-1,3-Dichloropropene	0.5	U	0.5	U	0.5	U	0.5	U
Cymene	0.5	U	0.5	U	0.5	U	0.5	U
DBCP	0.5	U	0.5	U	0.5	U	0.5	U
Dibromochloromethane	0.5	U	0.5	U	0.5	U	0.5	U
Dibromomethane	0.5	U	0.5	U	0.5	U	0.5	U
Dichlorodifluoromethane	0.5	U	0.5	U	0.5	U	0.5	U
EDB	0.5	U	0.5	U	0.5	U	0.5	U
Ethene, 1,2-dichloro-, (E)-	0.5	U	0.5	U	0.5	U	0.5	U
Ethylbenzene	0.5	U	0.5	U	0.5	U	0.5	U
Hexachlorobutadiene	0.5	U	0.5	U	0.5	U	0.5	U
m-Dichlorobenzene	0.5	U	0.5	U	0.5	U	0.5	U
m/p xylene	0.5	U	0.5	U	0.5	U	0.5	U
Methyl bromide	0.5	U	0.5	U	0.5	U	0.5	U
Methyl chloride	0.5	U	0.5	U	0.5	U	0.5	U
Methyl tert-butyl ether	0.5	U	0.5	U	0.5	U	0.5	U
Methylene chloride	0.5	U	0.5	U	0.5	U	0.5	U
n-Butylbenzene	0.5	U	0.5	U	0.5	U	0.5	U
n-Propylbenzene	0.5	U	0.5	U	0.5	U	0.5	U
Naphthalene	0.5	U	0.5	U	0.5	U	0.5	U
o-Chlorotoluene	0.5	U	0.5	U	0.5	U	0.5	U
o-Dichlorobenzene	0.5	U	0.5	U	0.5	U	0.5	U
o-Xylene	0.5	U	0.5	U	0.5	U	0.5	U
p-Chlorotoluene	0.5	U	0.5	U	0.5	U	0.5	U
p-Dichlorobenzene	0.5	U	0.5	U	0.5	U	0.5	U
sec-Butylbenzene	0.5	U	0.5	U	0.5	U	0.5	U
Styrene	0.5	U	0.5	U	0.5	U	0.5	U
tert-Butylbenzene	0.5	U	0.5	U	0.5	U	0.5	U
Tetrachloroethylene	0.5	U	0.5	U	0.5	U	0.5	U
Toluene	0.5	U	0.5	U	0.5	U	0.5	U
trans-1,3-Dichloropropene	0.5	U	0.5	U	0.5	U	0.5	U
Trichloroethylene	0.5	U	0.5	U	0.5	U	0.5	U
Trichlorofluoromethane	0.5	U	0.5	U	0.5	U	0.5	U
Vinyl chloride	0.5	U	0.5	U	0.5	U	0.5	U
Xylene (total)	3	U	3	U	3	U	3	U
524.2 TVOC	0.15		0		0		0	

2015 Groundwater Data: Metals
 Brookhaven National Laboratory
 Project: Waste Management Facility

Analyte	055-03 depth : 50 8/12/2015 µg/L		055-10 depth : 94 8/12/2015 µg/L		066-220 depth : 46 8/12/2015 µg/L		066-221 depth : 47 8/12/2015 µg/L		066-222 depth : 48 8/12/2015 µg/L		066-223 depth : 48 8/12/2015 µg/L	
Aluminum	180		22	B	160		69		31	B	84	
Antimony	5	U	5	U	5	U	5	U	5	U	5	U
Arsenic	5	U	5	U	5	U	5	U	5	U	5	U
Barium	39		34		93		120		65		31	
Beryllium	2	U	2	U	2	U	2	U	2	U	2	U
Cadmium	2	U	2	U	0.19	B	0.63	B	2	U	2	U
Calcium	12000		11000		21000		33000		24000		11000	
Chromium	1.1	B	10	U	5.8	B	1.2	B	10	U	10	U
Cobalt	5	U	5	U	5	U	5	U	5	U	5	U
Copper	10	U	1.1	B	10	U	10	U	10	U	0.74	B
Iron	200		86		120		60		50	U	64	
Lead	0.19	B	3	U	0.19	B	3	U	3	U	0.22	B
Magnesium	2800		3400		2400		3800		4200		3200	
Manganese	9.2		1.9	B	10		160		3.2		4	
Mercury	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Nickel	10	U	10	U	10	U	10	U	10	U	10	U
Potassium	1400	B	1800	B	1900	B	2500		2500		1700	B
Selenium	1.6	B	5	U	5	U	5	U	5	U	5	U
Silver	2	U	2	U	2	U	2	U	2	U	2	U
Sodium	49000		34000		73000		110000		42000		19000	
Thallium	5	U	5	U	5	U	5	U	5	U	5	U
Vanadium	5	U	5	U	5	U	5	U	5	U	5	U
Zinc	10	U	10		10	U	10	U	10	U	10	U

2015 Groundwater Data: General Chemistry
 Brookhaven National Laboratory
 Project: Waste Management Facility

Analyte	055-03 depth : 50 8/12/2015 mg/L	055-03 depth : 50 8/12/2015 mg/L	055-03 depth : 50 8/12/2015 mg/L	055-03 depth : 50 8/12/2015 mg/L	055-03 depth : 50 8/12/2015 mg/L	055-03 depth : 50 8/12/2015 mg/L
Chloride	91	52	130	200	85	30
Sulfate	10	13	17	24	17	10

2015 Groundwater Data: Radionuclides
 Brookhaven National Laboratory
 Project: Waste Management Facility

Analyte	055-03 depth : 50 1/18/2015 pCi/L				055-03 depth : 50 8/12/2015 pCi/L				055-10 depth : 94 1/18/2015 pCi/L				055-10 depth : 94 8/12/2015 pCi/L			
	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error
Americium-241	0.458	U	15.1	8.86	3	U	12.4	7.32	2.32	U	14.7	8.66	0.304	U	14.1	8.21
Beryllium-7	22.7	U	44.6	27.3	3.56	U	41.1	22.5	-17.5	U DL	61.8	36.5	-0.74	U	51.3	28.6
Bismuth-214																
Cesium-134	0.475	U DL	8.15	1.04	-0.573	U DL	7.05	1.39	1.21	U DL	8.24	1.78	0.996	U DL	8.47	2.36
Cesium-137	-0.847	U	8.43	4.8	0.197	U	8.02	4.41	0.569	U	8.74	4.95	-0.967	U	8.66	4.94
Co-60	1.31	U	9.1	5.1	2.7	U	9.41	5.44	-0.24	U	9.7	5.3	0.518	U	2.8	2.13
Cobalt-57	1.28	U DL	6.15	3.66	-0.217	U DL	5.17	3	1.82	U DL	5.86	4.47	1.46	U DL	5.5	3.28
Europium-152	3.84	U	64.1	9.75	5.56	U	68.2	5.51	4.18	U	65.2	7.56	-0.321	U	64.9	0.681
Europium-154	3.56	U DL	67.8	6.79	5.12	U DL	62	20.3	3.16	U DL	63.6	6.3	21.4	U DL	58.7	27.4
Europium-155	4.84	U	23.1	13.7	2.52	U	20.2	11.8	-0.07	U	24.5	0.264	-7.02	U	24.4	14.6
Gross Alpha	0.159	U	1.98	1.08	1.34	U	1.76	1.12	-0.228	U	1.66	0.804	0.461	U	1.67	0.975
Gross Beta	0.481	U	0.988	0.6	1.41		0.724	0.526	1.03		0.941	0.624	1.44		0.804	0.561
Manganese-54	0.0456	U DL	6.78	3.7	0.814	U DL	7.62	4.24	-1.32	U DL	7.36	4.21	-0.793	U DL	8.23	4.66
Sodium-22	1.3	U DL	8.64	4.84	-1.07	U DL	10.3	5.67	-1.09	U DL	7.94	4.4	0.154	U DL	9.2	5
Tritium	257	U	365	230	95.9	U	393	224	162	U	364	220	-14	U	402	212
Zinc-65	-2.42	U DL	19.7	11.2	-3.91	U DL	19.3	11	-1.87	U DL	18.9	10.6	0.0532	U DL	16.8	9.11

2015 Groundwater Data: Radionuclides
 Brookhaven National Laboratory
 Project: Waste Management Facility

Analyte	066-220 depth : 46 1/18/2015 pCi/L				066-220 depth : 46 8/12/2015 pCi/L				066-221 depth : 47 1/18/2015 pCi/L				066-221 depth : 47 8/12/2015 pCi/L			
	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error
Americium-241	0.41	U	14.7	8.57	2.26	U	14.7	8.68	4.84	U	14.6	8.78	3.38	U	16.9	10
Beryllium-7	0.156	U	53.5	29.9	-0.325	U	49.9	27.7	0	U DL	75.8	15.7	-3.56	U	55.1	31.2
Bismuth-214													102		19.8	22.2
Cesium-134	0.0395	U DL	8.63	0.13	1.32	U DL	9.12	1.24	-0.432	U DL	7.68	1.44	-6.67	U DL	12.7	7.79
Cesium-137	-1.82	U	8.87	5.15	-1.48	U	8.79	5.07	-0.187	U	8.03	4.48	-1.14	U	9.91	5.7
Co-60	0.877	U	9.28	5.14	0.663	U	9.37	3.44	-2.14	U	9.72	5.58	0.972	U	8.44	4.66
Cobalt-57	3.71	U	4.15	3.81	0.0239	U DL	5.34	0.203	2.71	U	4.84	2.97	3.27	U	4.57	3.88
Europium-152	3.13	U	68	7.61	8.63	U	57.9	12.4	4.37	U	63.1	12.5	6.76	U	61.6	13.6
Europium-154	-13.2	U DL	60.4	34.8	-11.7	U DL	61.7	35.4	6.9	U DL	62.9	11.3	7.57	U	55.3	14.7
Europium-155	2.72	U	22.1	5.84	0.438	U	23.7	13.9	-5.25	U	24.6	14.6	5.16	U	24.7	7.21
Gross Alpha	0.46	U	1.25	0.724	1.63	U DL	2.5	1.61	0.837	U	1.94	1.15	-0.466	U DL	5.22	2.67
Gross Beta	1.3		0.855	0.616	1.61		1.33	0.902	2.34		0.909	0.754	2.91		1.87	1.31
Manganese-54	-0.597	U DL	7.34	4.11	-1.01	U DL	7.34	4.16	0	U DL	9.23	1.63	-0.12	U DL	8.74	4.89
Sodium-22	0	U DL	7.33	2.31	0.0035	U DL	8.91	4.8	-0.53	U DL	8.93	4.9	-0.146	U DL	9.72	5.32
Tritium	117	U	468	277	248	U	402	250	266	U	356	227	67.6	U	402	224
Zinc-65	0.357	U	13.7	7.3	-4.07	U DL	18.8	10.9	1.87	U DL	19	10.7	-14	U DL	29.3	17.8

2015 Groundwater Data: Radionuclides
 Brookhaven National Laboratory
 Project: Waste Management Facility

Analyte	066-222 depth : 48 1/18/2015 pCi/L				066-222 depth : 48 8/12/2015 pCi/L				066-223 depth : 48 1/18/2015 pCi/L				066-223 depth : 48 8/12/2015 pCi/L			
	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error
Americium-241	0.649	U	15.7	9.18	-3.75	U	16	9.54	3.7	U	12.3	7.35	0	U	15.1	4.69
Beryllium-7	-12.8	U DL	62.3	36.4	-0.993	U	54.1	30.3	0.206	U	45.1	24.4	2.89	U	46.4	26
Bismuth-214																
Cesium-134	-0.762	U DL	9.27	1.32	1.84	U DL	6.87	5.92	1.46	U DL	8.34	1.96	3.38	U DL	6.83	5.45
Cesium-137	2	U	6.97	4.08	1.98	U	6.87	4.02	0.347	U	7.54	4.14	0.324	U	6.98	3.88
Co-60	0.789	U	8.84	4.86	0.739	U	9.8	2.13	0.997	U	7.92	3.4	0.767	U	7.71	2.65
Cobalt-57	-1.15	U DL	5.83	3.46	-0.678	U DL	6.26	3.69	0.712	U	4.5	0.813	0.267	U DL	5.2	2.76
Europium-152	5.57	U	64.6	6.22	2.25	U	60.3	11.1	9.12	U	60.3	20	7.02	U	51.8	10.8
Europium-154	-9.86	U DL	60.5	34.4	4.32	U	56.4	15.1	5.64	U DL	65.4	11.7	4.17	U DL	61.4	12.4
Europium-155	4.49	U	20.5	12.2	-4.56	U	25.3	15	2.87	U	20.9	12.3	2.52	U	20.9	12.3
Gross Alpha	-0.175	U	1.6	0.777	0.241	U	1.17	0.678	0.304	U	1.87	1.03	2.2		1.93	1.38
Gross Beta	1.65		0.969	0.7	2.78		0.645	0.546	1.66		0.969	0.704	2.16		1.21	0.878
Manganese-54	-1.13	U DL	8.35	4.77	-0.638	U DL	6.87	3.83	0.0555	U DL	6.99	3.75	0.308	U DL	7.21	4.01
Sodium-22	-1.18	U DL	9.2	5.15	0.915	U DL	7.91	4.36	-0.858	U DL	9.96	5.46	-1.88	U DL	9.41	5.39
Tritium	-63.1	U	461	260	-1.35	U	405	215	-72.1	U	474	265	167	U	385	231
Zinc-65	0.325	U DL	16.7	9.11	2.47	U DL	17.4	9.85	-3.33	U DL	20.3	11.5	0.248	U DL	17.4	9.6

NSLS II
Analytical Results

2015 Groundwater Data: Volatile Organic Compounds
 Brookhaven National Laboratory
 Project: NSLS II

Analyte	076-18 depth : 30 4/14/2015 µg/L		076-18 depth : 30 10/15/2015 µg/L		076-19 depth : 30 4/14/2015 µg/L		076-19 depth : 30 10/15/2015 µg/L	
1,1,1-Trichloroethane	5	U	5	U	5	U	5	U
1,1,2,2-Tetrachloroethane	5	U	5	U	5	U	5	U
1,1,2-Trichloroethane	5	U	5	U	5	U	5	U
1,1-Dichloroethane	5	U	5	U	5	U	5	U
1,1-Dichloroethylene	5	U	5	U	5	U	5	U
1,2-Dichloroethane	5	U	5	U	5	U	5	U
1,2-Dichloropropane	5	U	5	U	5	U	5	U
2-Hexanone	10	U	10	U	10	U	10	U
Acetone	10	U	10	U	10	U	10	U
Benzene	5	U	5	U	5	U	5	U
Bromodichloromethane	5	U	5	U	5	U	5	U
Bromoform	5	U	5	U	5	U	5	U
Carbon disulfide	5	U	5	U	5	U	5	U
Carbon tetrachloride	5	U	5	U	5	U	5	U
Chlorobenzene	5	U	5	U	5	U	5	U
Chloroethane	10	U	10	U	10	U	10	U
Chloroform	0.27	J	0.46	J	5	U	5	U
cis-1,3-Dichloropropene	5	U	5	U	5	U	5	U
Dibromochloromethane	5	U	5	U	5	U	5	U
Ethene, 1,2-dichloro-, (E)-	5	U	5	U	5	U	5	U
Ethylbenzene	5	U	5	U	5	U	5	U
m-Dichlorobenzene	5	U	9.6	U	9.5	U	5	U
Methyl bromide	10	U	10	U	10	U	10	U
Methyl chloride	10	U	10	U	10	U	10	U
Methyl ethyl ketone	10	U	10	U	10	U	10	U
Methyl isobutyl ketone (MIBK)	10	U	10	U	10	U	10	U
Methyl tert-butyl ether	10	U	10	U	10	U	10	U
Methylene chloride	5	U	5	U	5	U	5	U
o-Dichlorobenzene	5	U	5	U	9.5	U	10	U
p-Dichlorobenzene	9.8	U	5	U	5	U	10	U
Tetrachloroethylene	1.8	J	0.46	J	5	U	5	U
Toluene	5	U	5	U	5	U	5	U
trans-1,3-Dichloropropene	5	U	5	U	5	U	5	U
Trichloroethylene	5	U	5	U	5	U	5	U
Trichlorofluoromethane	5	U	5	U	5	U	5	U
Vinyl chloride	10	U	10	U	10	U	10	U

2015 Groundwater Data: Radionuclides
 Brookhaven National Laboratory
 Project: NSLS II

<i>Analyte</i>	076-18 depth : 30 10/15/2015 pCi/L				076-19 depth : 30 10/15/2015 pCi/L				086-123 depth : 34 12/8/2015 pCi/L				086-124 depth : 47 12/8/2015 pCi/L			
	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error
Tritium	58.6	U	351	203	31.5	U	354	202	-148	U	249	138	-109	U	250	140

2015 Groundwater Data: Radionuclides
 Brookhaven National Laboratory
 Project: NSLS II

<i>Analyte</i>	086-125 depth : 37 12/8/2015 pCi/L				086-126 depth : 36 12/8/2015 pCi/L			
	Result	Qual	MDA	Error	Result	Qual	MDA	Error
Tritium	-98.2	U	249	140	-112	U	253	142