Table 5-5
Summary of Groundwater Analytical Results
Metropolitan Former MGP Site, Brooklyn, New York

Sample Location Sample Date Sample ID Laboratory Identification Sample Type	CAS Number	NYSDEC Groundwater Guidance or Standard Value[1]	MW-01S 10/4/2010 MW-1S (100410) J1926 Sample	MW-01I 10/4/2010 MW-1I (100410) J1926 Sample	MW-01D 10/4/2010 MW-1D (100410) J1926 Sample	MW-02D 10/5/2010 MW-2D(100510) J1926 Sample	MW-03S 10/5/2010 MW-3S(100510) J1926 Sample	MW-03I 10/5/2010 MW-3I(100510) J1926 Sample	MW-04S 10/5/2010 MW-4S (100510) J1926 Sample	MW-04I 10/5/2010 MW-4I (100510) J1926 Sample	MW-4D1 3/15/2012 MW-4D1-031512 460380151 Sample	MW-4D1 3/15/2012 DUP-1-031512 460380151 Duplicate	MW-4D2 3/15/2012 MW-4D2-031512 460380151 Sample	MW-05S 10/6/2010 MW-5S (100610) J1946 Sample	MW-05S 10/6/2010 MW-5S (100610) DUP J1946 Duplicate	MW-05I 10/6/2010 MW-5I (100610) J1946 Sample	MW-05D 10/6/2010 MW-5D (100610) J1946 Sample	MW-06S 10/5/2010 MW-6S(100510) J1946 Sample	MW-06I 10/5/2010 MW-6I(100510) J1946 Sample	MW-07S 10/4/2010 MW-7S(100410) J1926 Sample	MW-07I 10/4/2010 MW-7I(100410) J1926 Sample
BTEX (ug/L)																					
Benzene	71-43-2	1	**690**	<5.0 U	<5.0 U	<5.0 U	**710**	**1200**	<5.0 U	**1100**	<1.0 U	<1.0 U	<1.0 U	**3.7 J**	<5.0 U	**1600**	<5.0 U	**6100**	**1400**	**40**	**25**
Ethylbenzene	100-41-4	5	**120**	<5.0 U	<5.0 U	<5.0 U	**3400**	**6500**	<5.0 U	**630**	<1.0 U	<1.0 U	<1.0 U	**1.1 J**	<5.0 U	**200**	<5.0 U	**640**	**930**	**340**	**18**
m+p-Xylene	1330-20-7-M,P	NL	**210**	<5.0 U	<5.0 U	<5.0 U	**2000**	**3700**	<5.0 U	**51**	<2.0 U	<2.0 U	<2.0 U	<5.0 U	<5.0 U	**10 J**	<5.0 U	**19**	**210**	**53**	**7.9**
o-Xylene	95-47-6	NL	**100**	<5.0 U	<5.0 U	<5.0 U	**1500**	**2100**	<5.0 U	**240**	<1.0 U	<1.0 U	<1.0 U	<5.0 U	<5.0 U	**50**	<5.0 U	**16**	**290**	**25 J**	**5.8**
Toluene	108-88-3	5	**71**	<5.0 U	<5.0 U	<5.0 U	**1500**	**1600**	<5.0 U	**12**	<1.0 U	<1.0 U	<1.0 U	<5.0 U	<5.0 U	<50 U	<5.0 U	**5.2**	**30**	**14 J**	**3.5 J**
Xylenes (total)	1330-20-7	5	**320**	<5.0 U	<5.0 U	<5.0 U	**3500**	**5800**	<5.0 U	**290**	ND	ND	ND	<5.0 U	<5.0 U	**60**	<5.0 U	**35**	**500**	**78**	**14**
Total BTEX		NL	**1201**	ND	ND	ND	**9110**	**15100**	ND	**2032**	ND	ND	ND	**4.8**	ND	**1860**	ND	**6780.2**	**2860**	**472**	**60.5**
Volatile Organic Compounds (VOCs) (ug/L)																					
1,1,1-Trichloroethane	71-55-6	5	<25 U	<5.0 U	<5.0 U	<5.0 U	<200 U	<200 U	<5.0 U	<5.0 U	<1.0 U	<1.0 U	<1.0 U	<5.0 U	<5.0 U	<50 U	<5.0 U	<5.0 U	<5.0 U	<25 U	<5.0 U
1,1,2,2-Tetrachloroethane	79-34-5	5	<25 U	<5.0 U	<5.0 U	<5.0 U	<200 U	<200 U	<5.0 U	<5.0 U	<1.0 U	<1.0 U	<1.0 U	<5.0 U	<5.0 U	<50 U	<5.0 U	<5.0 U	<5.0 U	<25 U	<5.0 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	5	<25 U	<5.0 U	<5.0 U	<5.0 U	<200 U	<200 U	<5.0 U	<5.0 U	<1.0 U	<1.0 U	<1.0 U	<5.0 U	<5.0 U	<50 U	<5.0 U	<5.0 U	<5.0 U	<25 U	<5.0 U
1,1,2-Trichloroethane	79-00-5	1	<25 U	<5.0 U	<5.0 U	<5.0 U	<200 U	<200 U	<5.0 U	<5.0 U	<1.0 U	<1.0 U	<1.0 U	<5.0 U	<5.0 U	<50 U	<5.0 U	<5.0 U	<5.0 U	<25 U	<5.0 U
1,1-Dichloroethane	75-34-3	5	<25 U	<5.0 U	<5.0 U	<5.0 U	<200 U	<200 U	<5.0 U	<5.0 U	<1.0 U	<1.0 U	<1.0 U	<5.0 U	<5.0 U	<50 U	<5.0 U	<5.0 U	<5.0 U	<25 U	<5.0 U
1,1-Dichloroethene	75-35-4	5	<25 U	<5.0 U	<5.0 U	<5.0 U	<200 U	<200 U	<5.0 U	<5.0 U	<1.0 U	<1.0 U	<1.0 U	<5.0 U	<5.0 U	<50 U	<5.0 U	<5.0 U	<5.0 U	<25 U	<5.0 U
1,2,3-Trichlorobenzene	87-61-6	NL	NA	NA	NA	NA	NA	NA	NA	NA	<1.0 UJ	<1.0 UJ	<1.0 UJ	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	120-82-1	5	<25 U	<5.0 U	<5.0 U	<5.0 U	<200 U	<200 U	<5.0 U	<5.0 U	<1.0 U	<1.0 U	<1.0 U	<5.0 U	<5.0 U	<50 U	<5.0 U	<5.0 U	<5.0 U	<25 U	<5.0 U
1,2-Dibromo-3-chloropropane	96-12-8	0.04	<25 U	<5.0 U	<5.0 U	<5.0 U	<200 U	<200 U	<5.0 U	<5.0 U	<1.0 U	<1.0 U	<1.0 U	<5.0 U	<5.0 U	<50 U	<5.0 U	<5.0 U	<5.0 U	<25 U	<5.0 U
1,2-Dibromoethane	106-93-4	NL	<25 U	<5.0 U	<5.0 U	<5.0 U	<200 U	<200 U	<5.0 U	<5.0 U	<1.0 U	<1.0 U	<1.0 U	<5.0 U	<5.0 U	<50 U	<5.0 U	<5.0 U	<5.0 U	<25 U	<5.0 U
1,2-Dichlorobenzene	95-50-1	3	<25 U	<5.0 U	<5.0 U	<5.0 U	<200 U	<200 U	<5.0 U	<5.0 U	<1.0 U	<1.0 U	<1.0 U	<5.0 U	<5.0 U	<50 U	<5.0 U	<5.0 U	<5.0 U	<25 U	<5.0 U
1,2-Dichloroethane	107-06-2	5	<25 U	<5.0 U	<5.0 U	<5.0 U	<200 U	<200 U	<5.0 U	<5.0 U	<1.0 U	<1.0 U	**0.23 J**	<5.0 U	<5.0 U	<50 U	<5.0 U	<5.0 U	<5.0 U	<25 U	<5.0 U
1,2-Dichloropropane	78-87-5	1	<25 U	<5.0 U	<5.0 U	<5.0 U	<200 U	<200 U	<5.0 U	<5.0 U	<1.0 U	<1.0 U	<1.0 U	<5.0 U	<5.0 U	<50 U	<5.0 U	<5.0 U	<5.0 U	<25 U	<5.0 U
1,3-Dichlorobenzene	541-73-1	3	<25 U	<5.0 U	<5.0 U	<5.0 U	<200 U	<200 U	<5.0 U	<5.0 U	<1.0 U	<1.0 U	<1.0 U	<5.0 U	<5.0 U	<50 U	<5.0 U	<5.0 U	<5.0 U	<25 U	<5.0 U
1,4-Dichlorobenzene	106-46-7	3	<25 U	<5.0 U	<5.0 U	<5.0 U	<200 U	<200 U	<5.0 U	<5.0 U	<1.0 U	<1.0 U	<1.0 U	<5.0 U	<5.0 U	<50 U	<5.0 U	<5.0 U	<5.0 U	**11 J**	<5.0 U
1,4-Dioxane	123-91-1	NL	NA	NA	NA	NA	NA	NA	NA	NA	<50 UJ	<50 UJ	<50 UJ	NA	NA	NA	NA	NA	NA	NA	NA
2-Butanone	78-93-3	50	R	R	<5.0 U	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
2-Hexanone	591-78-6	50	<25 U	<5.0 U	<5.0 U	<5.0 U	<200 U	<200 U	<5.0 U	<5.0 U	<5.0 U	<5.0 U	<5.0 U	<5.0 U	<5.0 U	<50 U	<5.0 U	<5.0 U	<5.0 U	<25 U	<5.0 U
4-Methyl-2-pentanone	108-10-1	NL	<25 U	<5.0 U	<5.0 U	<5.0 U	<200 U	<200 U	<5.0 U	<5.0 U	<5.0 U	<5.0 U	<5.0 U	<5.0 U	<5.0 U	<50 U	<5.0 U	<5.0 U	<5.0 U	<25 U	<5.0 U
Acetone	67-64-1	50	R	**4.5 J**	**5.2 J**	R	R	R	R	R	<5.0 U	<5.0 U	<5.0 U	R	<5.0 U	<50 U	<5.0 U	R	R	R	**5.1 J**
Bromochloromethane	74-97-5	NL	NA	NA	NA	NA	NA	NA	NA	NA	<1.0 U	<1.0 U	<1.0 U	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	75-27-4	50	<25 U	<5.0 U	<5.0 U	<5.0 U	<200 U	<200 U	<5.0 U	<5.0 U	<1.0 U	<1.0 U	<1.0 U	<5.0 U	<5.0 U	<50 U	<5.0 U	<5.0 U	<5.0 U	<25 U	<5.0 U
Bromoform	75-25-2	50	<25 U	<5.0 U	<5.0 U	<5.0 U	<200 U	<200 U	<5.0 U	<5.0 U	<1.0 UJ	<1.0 UJ	<1.0 U	<5.0 U	<5.0 U	<50 U	<5.0 U	<5.0 U	<5.0 U	<25 U	<5.0 U
Bromomethane	74-83-9	5	<25 U	<5.0 U	<5.0 U	<5.0 U	<200 U	<200 U	<5.0 U	<5.0 U	<1.0 U	<1.0 U	<1.0 U	<5.0 U	<5.0 U	<50 U	<5.0 U	<5.0 U	<5.0 U	<25 U	<5.0 U
Carbon disulfide	75-15-0	60	<25 U	<5.0 U	<5.0 U	<5.0 U	<200 U	<200 U	<5.0 U	<5.0 U	<1.0 U	<1.0 U	<1.0 U	<5.0 U	<5.0 U	<50 U	<5.0 U	<5.0 U	<5.0 U	<25 U	<5.0 U
Carbon tetrachloride	56-23-5	5	<25 U	<5.0 U	<5.0 U	<5.0 U	<200 U	<200 U	<5.0 U	<5.0 U	<1.0 U	<1.0 U	<1.0 U	<5.0 UJ	<5.0 U	<50 U	<5.0 U	<5.0 UJ	<5.0 U	<25 U	<5.0 U
Chlorobenzene	108-90-7	5	<25 U	<5.0 U	<5.0 U	<5.0 U	<200 U	<200 U	<5.0 U	<5.0 U	<1.0 U	<1.0 U	<1.0 U	<5.0 U	<5.0 U	<50 U	<5.0 U	<5.0 U	<5.0 U	**84**	<5.0 U
Chloroethane	75-00-3	5	<25 U	<5.0 U	<5.0 U	<5.0 U	<200 U	<200 U	<5.0 U	<5.0 U	<1.0 U	<1.0 U	<1.0 U	<5.0 U	<5.0 U	<50 U	<5.0 U	<5.0 U	<5.0 U	<25 U	<5.0 U
Chloroform	67-66-3	7	<25 U	<5.0 U	<5.0 U	<5.0 U	<200 U	<200 U	<5.0 U	<5.0 U	**0.11 J**	**0.11 J**	<1.0 U	<5.0 U	<5.0 U	<50 U	<5.0 U	<5.0 U	<5.0 U	<25 U	<5.0 U
Chloromethane	74-87-3	5	<25 U	<5.0 U	<5.0 U	<5.0 U	<200 U	<200 U	<5.0 U	<5.0 U	<1.0 U	<1.0 U	<1.0 U	<5.0 U	<5.0 U	<50 U	<5.0 U	<5.0 U	<5.0 U	<25 U	<5.0 U
cis-1,2-Dichloroethene	156-59-2	5	<25 U	<5.0 U	<5.0 U	**84**	<200 U	<200 U	<5.0 U	<5.0 U	<1.0 U	<1.0 U	**0.58 J**	<5.0 U	<5.0 U	**14 J**	**5.1**	<5.0 U	**3.2 J**	<25 U	<5.0 U
cis-1,3-Dichloropropene	10061-01-5	0.4	<25 U	<5.0 U	<5.0 U	<5.0 U	<200 U	<200 U	<5.0 U	<5.0 U	<1.0 U	<1.0 U	<1.0 U	<5.0 U	<5.0 U	<50 U	<5.0 U	<5.0 U	<5.0 U	<25 U	<5.0 U
Cyclohexane	110-82-7	NL	NA	NA	NA	NA	NA	NA	NA	NA	<1.0 U	<1.0 U	<1.0 U	<5.0 U	<5.0 U	<50 U	<5.0 U	<5.0 U	<5.0 U	NA	NA
Dibromochloromethane	124-48-1	5	<25 U	<5.0 U	<5.0 U	<5.0 U	<200 U	<200 U	<5.0 U	<5.0 U	<1.0 U	<1.0 U	<1.0 U	<5.0 U	<5.0 U	<50 U	<5.0 U	<5.0 U	<5.0 U	<25 U	<5.0 U
Dichlorodifluoromethane	75-71-8	5	<25 U	<5.0 U	<5.0 U	<5.0 U	<200 U	<200 U	<5.0 U	<5.0 U	<1.0 U	<1.0 U	<1.0 U	<5.0 U	<5.0 UJ	<50 UJ	<5.0 UJ	<5.0 U	<5.0 U	<25 U	<5.0 U
Isopropylbenzene	98-82-8	5	**18 J**	<5.0 U	<5.0 U	<5.0 U	**210**	**340**	<5.0 U	**65**	<1.0 U	<1.0 U	<1.0 U	<5.0 U	<5.0 U	**13 J**	<5.0 U	**100**	**60**	**33**	<5.0 U
Methyl acetate	79-20-9	NL	NA	NA	NA	NA	NA	NA	NA	NA	<2.0 U	<2.0 U	<2.0 U	<5.0 U	<5.0 U	<50 U	<5.0 U	<5.0 U	<5.0 U	NA	NA
Methyl tert-butyl ether	1634-04-4	10	**51**	**1.2 J**	<5.0 U	<5.0 U	<200 U	<200 U	**6.0**	<5.0 U	<1.0 U	<1.0 U	**8.1**	**1.6 J**	**1.5 J**	<50 U	<5.0 U	**5.5**	**1.4 J**	<25 U	**3.5 J**
Methylcyclohexane	108-87-2	NL	NA	NA	NA	NA	NA	NA	NA	NA	<1.0 U	<1.0 U	<1.0 U	<5.0 U	<5.0 U	<50 U	<5.0 U	<5.0 U	<5.0 U	NA	NA
Methylene chloride	75-09-2	5	<25 U	<5.0 U	<5.0 U	<5.0 U	<200 U	<200 U	<5.0 U	<5.0 U	<1.0 U	<1.0 U	<1.0 U	<5.0 U	<5.0 U	<50 U	<5.0 U	<5.0 U	<5.0 U	<25 U	<5.0 U
Styrene	100-42-5	5	<25 U	<5.0 U	<5.0 U	<5.0 U	**120 J**	**410**	<5.0 U	<5.0 U	<1.0 UJ	<1.0 UJ	<1.0 U	<5.0 U	<5.0 U	<50 U	<5.0 U	<5.0 U	<5.0 U	<25 U	<5.0 U
Tetrachloroethene	127-18-4	5	<25 U	<5.0 U	**2.1 J**	**11**	<200 U	<200 U	<5.0 U	<5.0 U	<1.0 U	<1.0 U	<1.0 U	<5.0 UJ	<5.0 U	<50 UJ	<5.0 U	<5.0 UJ	<5.0 U	<25 U	<5.0 U
trans-1,2-Dichloroethene	156-60-5	5	<25 U	<5.0 U	<5.0 U	**1.2 J**	<200 U	<200 U	<5.0 U	<5.0 U	<1.0 U	<1.0 U	<1.0 U	<5.0 U	<5.0 U	<50 U	<5.0 U	<5.0 U	**9.7**	<25 U	**3.2 J**
trans-1,3-Dichloropropene	10061-02-6	0.4	<25 U	<5.0 U	<5.0 U	<5.0 U	<200 U	<200 U	<5.0 U	<5.0 U	<1.0 U	<1.0 U	<1.0 U	<5.0 U	<5.0 U	<50 U	<5.0 U	<5.0 U	<5.0 U	<25 U	<5.0 U
Trichloroethene	79-01-6	5	<25 U	<5.0 U	<5.0 U	**18**	<200 U	<200 U	<5.0 U	<5.0 U	<1.0 U	<1.0 U	<1.0 U	<5.0 U	<5.0 U	<50 U	<5.0 U	<5.0 U	<5.0 U	<25 U	<5.0 U
Trichlorofluoromethane	75-69-4	5	<25 U	<5.0 U	<5.0 U	<5.0 U	<200 U	<200 U	<5.0 U	<5.0 U	<1.0 U	<1.0 U	<1.0 U	<5.0 U	<5.0 U	<50 U	<5.0 U	<5.0 U	<5.0 U	<25 U	<5.0 U
Vinyl chloride	75-01-4	2	<25 U	<5.0 U	**21**	**31**	<200 U	<200 U	<5.0 U	<5.0 U	<1.0 U	<1.0 U	<1.0 U	<5.0 U	<5.0 U	**12 J**	<5.0 U	<5.0 U	**12 J**	<25 U	**2.2 J**
Total VOCs		NL	**112.4**	**5.7**	**28.3**	**147.4**	**2650.1**	**5390.5**	**11.4**	**4645.4**	**0.11**	**0.11**	**8.91**	**8.5**	**8.4**	**343.9**	**5.1**	**714.9**	**1841.7**	**671.7**	**22**

Notes:

mg/Kg - milligrams per kilogram
µg/L - micrograms per liter
J = The associated data is an estimated quantity.
R = The associated data is rejected.

NA = Not Analyzed
ND = Not Detected
NL = Not Listed

U = The analyte was analyzed for but not detected at, or above, the Method Detection Limit (MDL). The associated numerical value is the Practical Quantitation Limit (PQL).
UJ = The analyte was not detected at or above the PQL. However, the reported PQL is approximate and may be inaccurate or imprecise.
Bold indicates the analyte detected at a concentration greater than the MDL.
Yellow highlight indicates result is above the NYSDEC Part 375-6.8(b) Restricted Use Soil Cleanup Objective Commercial value.
[1] Guidance or Standard Values - NYSDEC, Division of Water, TOGS (1.1.1) - 6 NYCRR 703.5 [NYSDEC, 1998].

Table 5-5 continued
Summary of Groundwater Analytical Results
Metropolitan Former MGP Site, Brooklyn, New York

Sample Location Sample Date Sample ID Laboratory Identification Sample Type	CAS Number	NYSDEC Groundwater Guidance or Standard Value[1]	MW-01S 10/4/2010 MW-1S (100410) J1926 Sample	MW-01I 10/4/2010 MW-1I (100410) J1926 Sample	MW-01D 10/4/2010 MW-1D (100410) J1926 Sample	MW-02D 10/5/2010 MW-2D(100510) J1926 Sample	MW-03S 10/5/2010 MW-3S(100510) J1926 Sample	MW-03I 10/5/2010 MW-3I(100510) J1926 Sample	MW-04S 10/5/2010 MW-4S (100510) J1926 Sample	MW-04I 10/5/2010 MW-4I (100510) J1926 Sample	MW-4D1 3/15/2012 MW-4D1-031512 460380151 Sample	MW-4D1 3/15/2012 DUP-1-031512 460380151 Duplicate	MW-4D2 3/15/2012 MW-4D2-031512 460380151 Sample	MW-05S 10/6/2010 MW-5S (100610) J1946 Sample	MW-05S 10/6/2010 MW-5S (100610) DUP J1946 Duplicate	MW-05I 10/6/2010 MW-5I (100610) J1946 Sample	MW-05D 10/6/2010 MW-5D (100610) J1946 Sample	MW-06S 10/5/2010 MW-6S(100510) J1946 Sample	MW-06I 10/5/2010 MW-6I(100510) J1946 Sample	MW-07S 10/4/2010 MW-7S(100410) J1926 Sample	MW-07I 10/4/2010 MW-7I(100410) J1926 Sample
Polynuclear Aromatic Hydrocarbons (PAHs) (ug/L)																					
2-Methylnaphthalene	91-57-6	NL	**3.4 J**	<10 U	<10 U	<10 U	**160**	**270 J**	<10 U	**340 J**	<10 U	<10 U	<10 U	<10 U	<10 U	**6.6 J**	<10 U	**7.9 J**	**150**	**27**	<10 U
Acenaphthene	83-32-9	20	<10 U	<10 U	<10 U	<10 U	**21**	**32**	**1.6 J**	**130**	<10 U	<10 U	<10 U	**6.9 J**	**6.9 J**	**26**	<10 U	**1.5 J**	**59**	**26**	**1.7 J**
Acenaphthylene	208-96-8	NL	<10 U	<10 U	<10 U	<10 U	**5.5 J**	**5.7 J**	<10 U	**3.6 J**	<10 U	<10 U	<10 U	<10 U	<10 U	**2.3 J**	<10 U	<10 U	**11**	<10 U	<10 U
Anthracene	120-12-7	50	<10 U	<10 U	<10 U	<10 U	**3.2 J**	**3.1 J**	<10 U	**9.6 J**	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	**2.4 J**	**2.5 J**	<10 U
Benzo(a)anthracene	56-55-3	0.002	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<1.0 U	<1.0 U	<1.0 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
Benzo(a)pyrene	50-32-8	NL	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<1.0 U	<1.0 U	<1.0 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
Benzo(b)fluoranthene	205-99-2	0.002	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<1.0 U	<1.0 U	<1.0 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
Benzo(g,h,i)perylene	191-24-2	NL	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
Benzo(k)fluoranthene	207-08-9	0.002	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<1.0 U	<1.0 U	<1.0 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
Chrysene	218-01-9	0.002	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
Dibenz(a,h)anthracene	53-70-3	NL	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<1.0 U	<1.0 U	<1.0 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
Fluoranthene	206-44-0	50	<10 U	<10 U	<10 U	<10 U	**1.2 J**	**1.2 J**	<10 U	**2.2 J**	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	**1.0 J**	<10 U
Fluorene	86-73-7	50	<10 U	<10 U	<10 U	<10 U	**13 J**	**12 J**	<10 U	**49 J**	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	**19 J**	**8.9 J**	<10 U
Indeno(1,2,3-cd)pyrene	193-39-5	0.002	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<1.0 UJ	<1.0 UJ	<1.0 UJ	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
Naphthalene	91-20-3	10	**40**	<10 U	<10 U	**2.2 J**	**2100**	**4300**	**2.0 J**	**4000**	<10 U	<10 U	<10 U	<10 U	<10 U	**270**	<10 U	**600**	**1500**	**480**	**6.3 J**
Phenanthrene	85-01-8	50	<10 U	<10 U	<10 U	<10 U	**15**	**15**	**1.8 J**	**44**	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	**14**	**7.8 J**	<10 U
Pyrene	129-00-0	50	<10 U	<10 U	<10 U	<10 U	**1.2 J**	**1.5 J**	<10 U	**2.0 J**	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	**1.5 J**	<10 U
Total PAHs		NL	**43.4**	ND	ND	**2.2**	**2320.1**	**4640.5**	**5.4**	**4580.4**	ND	ND	ND	**6.9**	**6.9**	**304.9**	ND	**609.4**	**1755.4**	**554.7**	**8**
Other Semivolatile Organic Compounds (SVOCs) (ug/L)																					
1,1'-Biphenyl	92-52-4	5	NA	NA	NA	NA	NA	NA	NA	NA	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	**14**	NA	NA
1,2,4,5-Tetrachlorobenzene	95-94-3	NL	NA	NA	NA	NA	NA	NA	NA	NA	<10 U	<10 U	<10 U	NA	NA	NA	NA	NA	NA	NA	NA
2,2'-oxybis(1-Chloropropane)	108-60-1	NL	NA	NA	NA	NA	NA	NA	NA	NA	<10 U	<10 U	<10 U	NA	NA	NA	NA	NA	NA	NA	NA
2,3,4,6-Tetrachlorophenol	58-90-2	NL	NA	NA	NA	NA	NA	NA	NA	NA	<10 U	<10 U	<10 U	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	95-95-4	NL	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<10 U	<10 U	<10 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U
2,4,6-Trichlorophenol	88-06-2	NL	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
2,4-Dichlorophenol	120-83-2	5	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
2,4-Dimethylphenol	105-67-9	50	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
2,4-Dinitrophenol	51-28-5	10	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<31 U	<31 U	<31 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U
2,4-Dinitrotoluene	121-14-2	5	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<2.0 U	<2.0 U	<2.0 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
2,6-Dinitrotoluene	606-20-2	5	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<2.0 U	<2.0 U	<2.0 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
2-Chloronaphthalene	91-58-7	10	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
2-Chlorophenol	95-57-8	NL	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
2-Methylphenol	95-48-7	NL	<10 U	<10 U	<10 U	<10 U	**2.6 J**	**6.2 J**	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
2-Nitroaniline	88-74-4	5	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U
2-Nitrophenol	88-75-5	NL	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
3,3'-Dichlorobenzidine	91-94-1	5	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<20 U	<20 U	<20 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
3-Nitroaniline	99-09-2	5	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U
4,6-Dinitro-2-methylphenol	534-52-1	NL	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<31 U	<31 U	<31 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U
4-Bromophenyl phenyl ether	101-55-3	NL	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
4-Chloro-3-methylphenol	59-50-7	NL	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
4-Chloroaniline	106-47-8	5	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
4-Chlorophenyl phenyl ether	7005-72-3	NL	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
4-Methylphenol	106-44-5	NL	<10 U	<10 U	<10 U	<10 U	**1.6 J**	**5.8 J**	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
4-Nitroaniline	100-01-6	5	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U
4-Nitrophenol	100-02-7	NL	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<31 U	<31 U	<31 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U
Acetophenone	98-86-2	NL	NA	NA	NA	NA	NA	NA	NA	NA	<10 U	<10 U	<10 U	<10 U	<10 U	**1.5 J**	<10 U	**5.4 J**	**9.3 J**	NA	NA
Atrazine	1912-24-9	7.5	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
Benzaldehyde	100-52-7	NL	NA	NA	NA	NA	NA	NA	NA	NA	<10 UJ	<10 UJ	<10 UJ	<10 UJ	<10 UJ	<10 UJ	<10 UJ	<10 UJ	<10 UJ	NA	NA
bis(2-Chloroethoxy)methane	111-91-1	5	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
bis(2-Chloroethyl) ether	111-44-4	1	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<1.0 U	<1.0 U	<1.0 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
bis(2-Ethylhexyl) phthalate	117-81-7	5	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	**1.5 J**	<10 U	<10 U	<10 U	<10 U	<10 U
Butyl benzyl phthalate	85-68-7	50	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
Caprolactam	105-60-2	NL	NA	NA	NA	NA	NA	NA	NA	NA	<10 U	<10 U	<10 U	<10 UJ	<10 UJ	<10 UJ	<10 UJ	<10 UJ	<10 UJ	NA	NA
Carbazole	86-74-8	NL	**1.3 J**	<10 U	<10 U	<10 U	<10 U	**4.2 J**	<10 U	**27**	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	**13**	<10 U	<10 U
Dibenzofuran	132-64-9	NL	<10 U	<10 U	<10 U	<10 U	**2.7 J**	**2.2 J**	<10 U	**9.5 J**	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	**2.7 J**	<10 U	<10 U
Diethyl phthalate	131-11-3	50	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
Dimethyl phthalate	84-66-2	50	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	**1.0 J**	<10 U
Di-n-butyl phthalate	84-74-2	50	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
Di-n-octyl phthalate	117-84-0	NL	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	**1.2 J**	<10 U
Hexachlorobenzene	118-74-1	0.4	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<1.0 U	<1.0 U	<1.0 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
Hexachlorobutadiene	87-68-3	0.5	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<2.0 U	<2.0 U	<2.0 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
Hexachlorocyclopentadiene	77-47-4	5	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
Hexachloroethane	67-72-1	5	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<1.0 U	<1.0 U	<1.0 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
Isophorone	78-59-1	50	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
Nitrobenzene	98-95-3	0.4	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<1.0 U	<1.0 U	<1.0 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
N-Nitrosodi-n-propylamine	621-64-7	50	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<1.0 U	<1.0 U	<1.0 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
N-Nitrosodiphenylamine	86-30-6	50	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
Pentachlorophenol	87-86-5	1	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<31 U	<31 U	<31 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U
Phenol	108-95-2	1	**6.8 J**	<10 U	<10 U	<10 U	**2.4 J**	**7.6 J**	<10 U	**9.5 J**	<10 U	<10 U	<10 U	<10 U	<10 U	**21**	<10 U	**69**	**20**	<10 U	<10 U
Total Other SVOCs		NL	**8.1**	ND	ND	ND	**9.3**	**26**	ND	**46**	ND	ND	ND	ND	ND	**24**	ND	**74.4**	**59**	**1**	**1.2**

Notes:

mg/Kg - milligrams per kilogram
µg/L - micrograms per liter
J = The associated data is an estimated quantity.
R = The associated data is rejected.

NA = Not Analyzed
ND = Not Detected
NL = Not Listed

U = The analyte was analyzed for but not detected at, or above, the Method Detection Limit (MDL). The associated numerical value is the Practical Quantitation Limit (PQL).
UJ = The analyte was not detected at or above the PQL. However, the reported PQL is approximate and may be inaccurate or imprecise.
Bold indicates the analyte detected at a concentration greater than the MDL.
Yellow highlight indicates result is above the NYSDEC Part 375-6.8(b) Restricted Use Soil Cleanup Objective Commercial value.
[1] Guidance or Standard Values - NYSDEC, Division of Water, TOGS (1.1.1) - 6 NYCRR 703.5 [NYSDEC, 1998].

Table 5-5 continued
Summary of Groundwater Analytical Results
Metropolitan Former MGP Site, Brooklyn, New York

Sample Location Sample Date Sample ID Laboratory Identification Sample Type	CAS Number	NYSDEC Groundwater Guidance or Standard Value[1]	MW-01S 10/4/2010 MW-1S (100410) J1926 Sample	MW-01I 10/4/2010 MW-1I (100410) J1926 Sample	MW-01D 10/4/2010 MW-1D (100410) J1926 Sample	MW-02D 10/5/2010 MW-2D(100510) J1926 Sample	MW-03S 10/5/2010 MW-3S(100510) J1926 Sample	MW-03I 10/5/2010 MW-3I(100510) J1926 Sample	MW-04S 10/5/2010 MW-4S (100510) J1926 Sample	MW-04I 10/5/2010 MW-4I (100510) J1926 Sample	MW-4D1 3/15/2012 MW-4D1-031512 460380151 Sample	MW-4D1 3/15/2012 DUP-1-031512 460380151 Duplicate	MW-4D2 3/15/2012 MW-4D2-031512 460380151 Sample	MW-05S 10/6/2010 MW-5S (100610) J1946 Sample	MW-05S 10/6/2010 MW-5S (100610) DUP J1946 Duplicate	MW-05I 10/6/2010 MW-5I (100610) J1946 Sample	MW-05D 10/6/2010 MW-5D (100610) J1946 Sample	MW-06S 10/5/2010 MW-6S(100510) J1946 Sample	MW-06I 10/5/2010 MW-6I(100510) J1946 Sample	MW-07S 10/4/2010 MW-7S(100410) J1926 Sample	MW-07I 10/4/2010 MW-7I(100410) J1926 Sample
Inorganic Compounds (ug/L)																						
Aluminum	7429-90-5	NL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<200 U	<200 U	<200 U	<200 U	**314**	<200 U	NA	NA
Antimony	7440-36-0	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<20 U	<20 U	<20 U	<20 U	**11.4 J**	**14.6 J**	NA	NA
Arsenic	7440-38-2	25	**37.7**	<20 U	**4.9 J**	**6.2 J**	<20 U	**5.5 J**	<20 U	**4.4 J**	**13.6**	**10.6**	<5.0 U	<20 U	<20 U	<20 U	**7.4 J**	<20 U	**39.7**	**5.7 J**	<20 U
Barium	7440-39-3	1000	**1060**	**329**	**147 J**	**323**	**128 J**	**163 J**	**1140**	**254**	**276**	**268**	**70.5 J**	**99.3 J**	**95.7 J**	**475**	**901**	**585**	**869**	**129 J**	**354**
Beryllium	7440-41-7	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5.0 U	<5.0 U	<5.0 U	<5.0 U	<5.0 U	<5.0 U	NA	NA
Cadmium	7440-43-9	5	<5.0 U	<5.0 U	<5.0 U	<5.0 U	<5.0 U	<5.0 U	<5.0 U	<5.0 U	<5.0 U	<5.0 U	<5.0 U	<5.0 U	<5.0 U	<5.0 U	<5.0 U	<5.0 U	<5.0 U	<5.0 U	<5.0 U
Calcium	7440-70-2	NL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**254000**	**248000**	**106000**	**121000**	**180000**	**156000**	NA	NA
Chromium	7440-47-3	50	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	**7.8 J**	**8.6 J**	**4.6 J**	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U
Cobalt	7440-48-4	NL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<50 U	<50 U	<50 U	<50 U	<50 U	<50 U	NA	NA
Copper	7440-50-8	200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<30 U	<30 U	<30 U	<30 U	<30 U	<30 U	NA	NA
Iron	7439-89-6	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**685**	**617**	**17000**	**2460**	**23000**	**64400**	NA	NA
Lead	7439-92-1	25	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<5.0 U	<5.0 U	<5.0 U	<10 U	<10 U	<10 U	<10 U	**9.3 J**	<10 U	<10 U	<10 U
Magnesium	7439-95-4	35000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**47500**	**47100**	**55300**	**64100**	**21100**	**133000**	NA	NA
Manganese	7439-96-5	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**2950**	**2900**	**2300**	**3560**	**1430**	**836**	NA	NA
Mercury	7439-97-6	0.7	<0.20 U	**0.050 J**	<0.20 U	<0.20 U	<0.20 U	<0.20 U	<0.20 U	<0.20 U	<0.20 U	<0.20 U	<0.20 U	<0.20 U	<0.20 U	<0.20 U	<0.20 U	**0.040 J**	<0.20 U	<0.20 U	<0.20 U
Nickel	7440-02-0	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<50 U	<50 U	<50 U	<50 U	<50 U	<50 U	NA	NA
Potassium	7440-09-7	NL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**39200**	**37600**	**17600**	**11700**	**30900**	**60300**	NA	NA
Selenium	7782-49-2	10	<30.0 U	<30.0 U	<30.0 U	<30.0 U	<30.0 U	<30.0 U	<30.0 U	<30.0 U	<10.0 U	<10.0 U	<10.0 U	<30.0 U	<30.0 U	<30.0 U	<30.0 U	<30.0 U	<30.0 U	<30.0 U	<30.0 U
Silver	7440-22-4	50	<30 U	<30 U	<30 U	<30 U	<30 U	<30 U	<30 U	<30 U	<10.0 U	<10.0 U	<10.0 U	<30 U	<30 U	<30 U	<30 U	<30 U	<30 U	<30 U	<30 U
Sodium	7440-23-5	20000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**1220000**	**1180000**	**150000**	**226000**	**262000**	**1000000**	NA	NA
Thallium	7440-28-0	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	NA	NA
Vanadium	7440-62-2	NL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<50 U	<50 U	<50 U	<50 U	<50 U	<50 U	NA	NA
Zinc	7440-66-6	2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<50 U	<50 U	<50 U	<50 U	<50 U	<50 U	NA	NA
Cyanide (ug/L)																					
Total Cyanide	57-12-5	200	**8.7 J**	<20 U	<20 U	<20 U	**94.8**	**156**	**279**	**18.1 J**	<10 U	**6.4 J**	<10 U	<20 U	<20 U	**47.1**	**28.6**	**79.7**	<20 U	**252**	**10 J**
Pesticides (ug/L)																					
Aldrin	309-00-2	NL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.050 U	<0.050 U	<0.050 U	<0.050 U	<0.050 U	<0.050 U	NA	NA
Alpha-BHC	319-84-6	NL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.050 U	<0.050 U	<0.050 U	<0.050 U	<0.050 U	**R**	NA	NA
Beta-BHC	319-85-7	NL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.050 U	<0.050 U	**0.072 J**	<0.050 U	**0.51**	**R**	NA	NA
Chlordane, alpha	5103-71-9	NL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.050 U	<0.050 U	<0.050 U	<0.050 U	<0.050 U	<0.050 U	NA	NA
Chlordane, trans-	5103-74-2	NL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.050 U	<0.050 U	<0.050 U	<0.050 U	<0.050 U	<0.050 U	NA	NA
DDD,4,4-	72-54-8	NL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.10 U	<0.10 U	<0.10 U	<0.10 U	<0.10 U	<0.10 U	NA	NA
DDE,4,4-	72-55-9	NL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.10 U	<0.10 U	<0.10 U	<0.10 U	<0.10 U	<0.10 U	NA	NA
DDT,4,4-	50-29-3	NL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.10 U	<0.10 U	<0.10 U	<0.10 U	<0.10 U	<0.10 U	NA	NA
Delta-BHC	319-86-8	NL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.050 U	<0.050 U	<0.050 U	<0.050 U	**0.078**	<0.050 U	NA	NA
Dieldrin	60-57-1	NL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.10 U	<0.10 U	<0.10 U	<0.10 U	<0.10 U	<0.10 U	NA	NA
Endosulfan I	959-98-8	NL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.050 U	<0.050 U	<0.050 U	<0.050 U	<0.050 U	<0.050 U	NA	NA
Endosulfan II	33213-65-9	NL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.10 U	<0.10 U	<0.10 U	<0.10 U	<0.10 U	<0.10 U	NA	NA
Endosulfan sulfate	1031-07-8	NL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.10 U	<0.10 U	<0.10 U	<0.10 U	<0.10 U	<0.10 U	NA	NA
Endrin	72-20-8	NL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.10 U	<0.10 U	<0.10 U	<0.10 U	<0.10 U	<0.10 U	NA	NA
Endrin aldehyde	7421-93-4	NL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.10 U	<0.10 U	<0.10 U	<0.10 U	<0.10 U	<0.10 U	NA	NA
Endrin ketone	53494-70-5	NL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.10 U	<0.10 U	<0.10 U	<0.10 U	<0.10 U	<0.10 U	NA	NA
Gamma BHC (Lindane)	58-89-9	NL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.050 U	<0.050 U	<0.050 U	<0.050 U	**0.072**	<0.050 U	NA	NA
Heptachlor	76-44-8	NL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.050 U	<0.050 U	<0.050 U	<0.050 U	<0.050 U	<0.050 U	NA	NA
Heptachlor Epoxide	1024-57-3	NL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.050 U	<0.050 U	<0.050 U	<0.050 U	<0.050 U	<0.050 U	NA	NA
Methoxychlor	72-43-5	NL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.50 U	<0.50 U	<0.50 U	<0.50 U	<0.50 U	<0.50 U	NA	NA
Toxaphene	8001-35-2	NL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5.0 U	<5.0 U	<5.0 U	<5.0 U	<5.0 U	<5.0 U	NA	NA
Polychlorinated biphenyls (ug/L)																					
Aroclor 1016	12674-11-2	NL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	NA	NA
Aroclor 1221	11104-28-2	NL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	NA	NA
Aroclor 1232	11141-16-5	NL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	NA	NA
Aroclor 1242	53469-21-9	NL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	NA	NA
Aroclor 1248	12672-29-6	NL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	NA	NA
Aroclor 1254	11097-69-1	NL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	NA	NA
Aroclor 1260	11096-82-5	NL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	NA	NA
Herbicides (ug/L)																					
2,4-D	94-75-7	NL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	NA	NA
2,4-DB	94-82-6	NL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.0 U	<1.0 U	**1.4**	<1.0 U	<1.0 U	<1.0 U	NA	NA
Silvex	93-72-1	NL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.10 U	<0.10 U	<0.10 U	<0.10 U	<0.10 U	**R**	NA	NA
2,4,5-T	93-76-5	NL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.10 U	<0.10 U	<0.10 U	<0.10 U	<0.10 U	<0.10 U	NA	NA

Notes:

mg/Kg - milligrams per kilogram

µg/L - micrograms per liter

J = The associated data is an estimated quantity.

R = The associated data is rejected.

NA = Not Analyzed

ND = Not Detected

NL = Not Listed

U = The analyte was analyzed for but not detected at, or above, the Method Detection Limit (MDL). The associated numerical value is the Practical Quantitation Limit (PQL).

UJ = The analyte was not detected at or above the PQL. However, the reported PQL is approximate and may be inaccurate or imprecise.

Bold indicates the analyte detected at a concentration greater than the MDL.

Yellow highlight indicates result is above the NYSDEC Part 375-6.8(b) Restricted Use Soil Cleanup Objective Commercial value.

[1] Guidance or Standard Values - NYSDEC, Division of Water, TOGS (1.1.1) - 6 NYCRR 703.5 [NYSDEC, 1998].

Table 5-5 continued
Summary of Groundwater Analytical Results
Metropolitan Former MGP Site, Brooklyn, New York

Sample Location Sample Date Sample ID Laboratory Identification Sample Type	CAS Number	NYSDEC Groundwater Guidance or Standard Value[1]	MW-08S 10/5/2010 MW-8S(100510) J1946 Sample	MW-08I 10/5/2010 MW-8I(100510) J1946 Sample	MW-09S 10/6/2010 MW-9S (100610) J1926 Sample	MW-09I 10/6/2010 MW-9I (100610) J1926 Sample	MW-09D 10/6/2010 MW-9D (100610) J1926 Sample	MW-19S 3/18/2012 MW-19S-031812 460380891 Sample	MW-19I 3/18/2012 MW-19I-031812 460380891 Sample	MW-19I 3/18/2012 DUP-3-031812 460380891 Duplicate	MW-20S 3/18/2012 MW-20S-031812 460380891 Sample	MW-20I 3/18/2012 MW-20I-031812 460380891 Sample	MW-21D 3/15/2012 MW-21D-031512 460380031 Sample	MW-22I 3/15/2012 MW-22I-031512 460380031 Sample	MW-22D 3/15/2012 MW-22D-031512 460380031 Sample	MW-22D 3/15/2012 DUP 1 GM-3/17/2012 460380031 Duplicate	MW-23D 3/14/2012 MW-23D-031412 460380031 Sample	MW-25S 3/14/2012 MW-25S-031412 460380031 Sample	MW-25I 3/14/2012 MW-25I-031412 460380031 Sample
BTEX (ug/L)																				
Benzene	71-43-2	1	**160**	**9900**	<5.0 U	**890**	**700**	**0.11 J**	**900**	**880**	**0.46 J**	**4.0**	**1.5**	**53**	**1.8**	**1.9**	**1.3**	**2.7**	**21**
Ethylbenzene	100-41-4	5	**130**	**570 J**	**1.4 J**	**1600**	**540**	<1.0 U	**460**	**450**	**0.16 J**	<1.0 U	**0.32 J**	**1.8**	<1.0 U	<1.0 U	<1.0 U	**0.11 J**	**0.16 J**
m+p-Xylene	1330-20-7-M,P	NL	**26**	**160 J**	<5.0 U	**850**	**200**	<2.0 U	**190**	**180**	**0.84 J**	<2.0 U	<2.0 U	**6.0**	<2.0 U	<2.0 U	<2.0 U	**0.45 J**	**0.58 J**
o-Xylene	95-47-6	NL	**29**	**79 J**	<5.0 U	**550**	**180**	<1.0 U	**170**	**160**	**0.28 J**	<1.0 U	**0.14 J**	**5.8**	**0.21 J**	**0.19 J**	<1.0 U	**0.20 J**	**0.30 J**
Toluene	108-88-3	5	**5.1**	**5.8 J**	<5.0 U	**36 J**	**33**	<1.0 U	**16**	**15**	**0.76 J**	<1.0 U	**0.77 J**	**0.93 J**	<1.0 U	<1.0 U	**0.87 J**	**0.31 J**	**0.36 J**
Xylenes (total)	1330-20-7	5	**55**	**240 J**	<5.0 U	**1400**	**380**	ND	**360**	**340**	**1.12**	ND	**0.14**	**11.8**	0.21	0.19	**0**	**0.65**	**0.88**
Total BTEX		NL	**350.1**	**10715.8**	**1.4**	**3926**	**1653**	**0.11**	**1736**	**1685**	**2.5**	**4.0**	**2.73**	**67.53**	**2.01**	**2.09**	**2.17**	**3.77**	**22.4**
Volatile Organic Compounds (VOCs) (ug/L)																			
1,1,1-Trichloroethane	71-55-6	5	<5.0 U	<5.0 UJ	<5.0 U	<100 U	<5.0 U	<1.0 U	<10 U	<10 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U
1,1,2,2-Tetrachloroethane	79-34-5	5	<5.0 U	<5.0 UJ	<5.0 U	<100 U	<5.0 U	<1.0 U	<10 U	<10 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	5	<5.0 U	<5.0 UJ	<5.0 U	<100 U	<5.0 U	<1.0 U	<10 U	<10 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U
1,1,2-Trichloroethane	79-00-5	1	<5.0 U	<5.0 UJ	<5.0 U	<100 U	<5.0 U	<1.0 U	<10 U	<10 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	**0.25 J**	<1.0 U	<1.0 U
1,1-Dichloroethane	75-34-3	5	<5.0 U	<5.0 UJ	<5.0 U	<100 U	<5.0 U	<1.0 U	<10 U	<10 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U
1,1-Dichloroethene	75-35-4	5	<5.0 U	<5.0 UJ	<5.0 U	<100 U	<5.0 U	<1.0 U	<10 U	<10 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	**0.13 J**	**0.14 J**	**1.9**	<1.0 U	<1.0 U
1,2,3-Trichlorobenzene	87-61-6	NL	NA	NA	NA	NA	NA	<1.0 U	<10 U	<10 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U
1,2,4-Trichlorobenzene	120-82-1	5	<5.0 U	<5.0 UJ	<5.0 U	<100 U	<5.0 U	<1.0 U	<10 U	<10 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U
1,2-Dibromo-3-chloropropane	96-12-8	0.04	<5.0 U	<5.0 UJ	<5.0 U	<100 U	<5.0 U	<1.0 U	<10 U	<10 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U
1,2-Dibromoethane	106-93-4	NL	<5.0 U	<5.0 UJ	<5.0 U	<100 U	<5.0 U	<1.0 U	<10 U	<10 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U
1,2-Dichlorobenzene	95-50-1	3	<5.0 U	<5.0 UJ	<5.0 U	<100 U	<5.0 U	<1.0 U	<10 U	<10 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U
1,2-Dichloroethane	107-06-2	5	<5.0 U	<5.0 UJ	<5.0 U	<100 U	<5.0 U	<1.0 U	<10 U	<10 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U
1,2-Dichloropropane	78-87-5	1	<5.0 U	<5.0 UJ	<5.0 U	<100 U	<5.0 U	<1.0 U	<10 U	<10 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U
1,3-Dichlorobenzene	541-73-1	3	<5.0 U	<5.0 UJ	<5.0 U	<100 U	<5.0 U	<1.0 U	<10 U	<10 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	**0.15 J**	**0.14 J**	<1.0 U
1,4-Dichlorobenzene	106-46-7	3	<5.0 U	<5.0 UJ	<5.0 U	<100 U	<5.0 U	<1.0 U	<10 U	<10 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U
1,4-Dioxane	123-91-1	NL	NA	NA	NA	NA	NA	<50 UJ	<500 UJ	<500 UJ	<50 UJ	<50 UJ	<50 UJ	<50 UJ	<50 UJ	<50 UJ	<50 UJ	<50 UJ	<50 UJ
2-Butanone	78-93-3	50	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
2-Hexanone	591-78-6	50	<5.0 U	<5.0 UJ	<5.0 U	<100 U	<5.0 U	<5.0 U	<50 U	<50 U	<5.0 U	<5.0 U	<5.0 U	<5.0 U	<5.0 U	<5.0 U	<5.0 U	<5.0 U	<5.0 U
4-Methyl-2-pentanone	108-10-1	NL	<5.0 U	<5.0 UJ	<5.0 U	<100 U	<5.0 U	<5.0 U	<50 U	<50 U	<5.0 U	<5.0 U	<5.0 U	<5.0 U	<5.0 U	<5.0 U	<5.0 U	<5.0 U	<5.0 U
Acetone	67-64-1	50	R	R	R	R	R	<5.0 U	<50 U	<50 U	**19**	<5.0 U	<5.0 U	<5.0 U	<5.0 U	<5.0 U	<5.0 U	<5.0 U	<5.0 U
Bromochloromethane	74-97-5	NL	NA	NA	NA	NA	NA	<1.0 U	<10 U	<10 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U
Bromodichloromethane	75-27-4	50	<5.0 U	<5.0 UJ	<5.0 U	<100 U	<5.0 U	<1.0 U	<10 U	<10 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U
Bromoform	75-25-2	50	<5.0 U	<5.0 UJ	<5.0 U	<100 U	<5.0 U	<1.0 U	<10 U	<10 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U
Bromomethane	74-83-9	5	<5.0 U	<5.0 UJ	<5.0 U	<100 U	<5.0 U	<1.0 U	<10 U	<10 U	<1.0 U	<1.0 U	R	R	R	R	R	R	R
Carbon disulfide	75-15-0	60	<5.0 U	<5.0 UJ	<5.0 U	<100 U	<5.0 U	<1.0 U	<10 U	<10 U	**1.5**	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	**0.62 J**	<1.0 U	<1.0 U
Carbon tetrachloride	56-23-5	5	<5.0 UJ	<5.0 UJ	<5.0 U	<100 U	<5.0 U	<1.0 U	<10 U	<10 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U
Chlorobenzene	108-90-7	5	<5.0 U	<5.0 UJ	<5.0 U	<100 U	<5.0 U	<1.0 U	<10 U	<10 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U
Chloroethane	75-00-3	5	<5.0 U	<5.0 UJ	<5.0 U	<100 U	<5.0 U	<1.0 UJ	<10 UJ	<10 UJ	<1.0 UJ	<1.0 UJ	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U
Chloroform	67-66-3	7	<5.0 U	<5.0 UJ	<5.0 U	<100 U	**5.5**	<1.0 U	<10 U	<10 U	<1.0 U	<1.0 U	**0.41 J**	<1.0 U	**0.28 J**	**0.25 J**	**0.67 J**	<1.0 U	<1.0 U
Chloromethane	74-87-3	5	<5.0 U	<5.0 UJ	<5.0 U	<100 U	<5.0 U	<1.0 U	<10 U	<10 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U
cis-1,2-Dichloroethene	156-59-2	5	<5.0 U	<5.0 UJ	<5.0 U	**26 J**	**35**	<1.0 U	<10 U	<10 U	<1.0 U	**2.1**	**4.2**	<1.0 U	**1.6**	**1.5**	**180**	<1.0 U	**1.7**
cis-1,3-Dichloropropene	10061-01-5	0.4	<5.0 U	<5.0 UJ	<5.0 U	<100 U	<5.0 U	<1.0 U	<10 U	<10 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U
Cyclohexane	110-82-7	NL	<5.0 U	<5.0 UJ	NA	NA	NA	**0.51 J**	<10 U	<10 U	**4.7**	<1.0 U	<1.0 U	**0.19 J**	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U
Dibromochloromethane	124-48-1	5	<5.0 U	<5.0 UJ	<5.0 U	<100 U	<5.0 U	<1.0 U	<10 U	<10 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U
Dichlorodifluoromethane	75-71-8	5	<5.0 U	<5.0 UJ	<5.0 U	<100 U	<5.0 U	<1.0 U	<10 U	<10 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U
Isopropylbenzene	98-82-8	5	**14**	**39 J**	<5.0 U	**53 J**	**39**	**0.27 J**	**18**	**19**	**1.5**	<1.0 U	<1.0 U	**0.92 J**	<1.0 U	<1.0 U	**0.13 J**	<1.0 U	**0.30 J**
Methyl acetate	79-20-9	NL	<5.0 U	<5.0 UJ	NA	NA	NA	<2.0 U	<20 U	<20 U	<2.0 U	<2.0 U	<2.0 U	<2.0 U	<2.0 U	<2.0 U	<2.0 U	<2.0 U	<2.0 U
Methyl tert-butyl ether	1634-04-4	10	<5.0 U	<5.0 UJ	<5.0 U	<100 U	<5.0 U	<1.0 U	<10 U	<10 U	**0.53 J**	**51**	**0.27 J**	**1.7**	<1.0 U	<1.0 U	<1.0 U	<1.0 U	**0.84 J**
Methylcyclohexane	108-87-2	NL	<5.0 U	<5.0 UJ	NA	NA	NA	<1.0 U	<10 U	<10 U	**4.0**	<1.0 U	<1.0 U	**0.21 J**	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U
Methylene chloride	75-09-2	5	<5.0 U	<5.0 UJ	<5.0 U	<100 U	**1.0 J**	<1.0 U	<10 U	<10 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U
Styrene	100-42-5	5	<5.0 U	<5.0 UJ	<5.0 U	<100 U	<5.0 U	<1.0 U	**9.5 J**	**8.2 J**	<1.0 U	<1.0 U	<1.0 U	**0.18 J**	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U
Tetrachloroethene	127-18-4	5	<5.0 UJ	<5.0 UJ	<5.0 U	<100 U	<5.0 U	<1.0 U	<10 U	<10 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U
trans-1,2-Dichloroethene	156-60-5	5	<5.0 U	<5.0 UJ	<5.0 U	<100 U	<5.0 U	<1.0 U	<10 U	<10 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	**0.93 J**	<1.0 U	**0.21 J**
trans-1,3-Dichloropropene	10061-02-6	0.4	<5.0 U	<5.0 UJ	<5.0 U	<100 U	<5.0 U	<1.0 U	<10 U	<10 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U
Trichloroethene	79-01-6	5	<5.0 U	<5.0 UJ	<5.0 U	<100 U	**3.8 J**	<1.0 U	<10 U	<10 U	<1.0 U	<1.0 U	**0.25 J**	<1.0 U	**19**	**19**	**2.4**	<1.0 U	<1.0 U
Trichlorofluoromethane	75-69-4	5	<5.0 U	<5.0 UJ	<5.0 U	<100 U	<5.0 U	<1.0 U	<10 U	<10 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U
Vinyl chloride	75-01-4	2	<5.0 U	<5.0 UJ	<5.0 U	<100 U	<5.0 U	<1.0 U	<10 U	<10 U	<1.0 U	**3.0**	<1.0 U	<1.0 U	<1.0 U	<1.0 U	**1.0**	<1.0 U	**0.36 J**
Total VOCs		NL	**563.4**	**2053.5**	**19.7**	**5964**	**2306.1**	**0.89**	**1763.5**	**1712.2**	**33.73**	**60.1**	**7.86**	**70.73**	**23.02**	**22.98**	**190.22**	**3.91**	**25.81**

Notes:

mg/Kg - milligrams per kilogram
µg/L - micrograms per liter
J = The associated data is an estimated quantity.
R = The associated data is rejected.

NA = Not Analyzed
ND = Not Detected
NL = Not Listed

U = The analyte was analyzed for but not detected at, or above, the Method Detection Limit (MDL). The associated numerical value is the Practical Quantitation Limit (PQL).
UJ = The analyte was not detected at or above the PQL. However, the reported PQL is approximate and may be inaccurate or imprecise.
Bold indicates the analyte detected at a concentration greater than the MDL.
Yellow highlight indicates result is above the NYSDEC Part 375-6.8(b) Restricted Use Soil Cleanup Objective Commercial value.
[1] Guidance or Standard Values - NYSDEC, Division of Water, TOGS (1.1.1) - 6 NYCRR 703.5 [NYSDEC, 1998].

Table 5-5 continued
Summary of Groundwater Analytical Results
Metropolitan Former MGP Site, Brooklyn, New York

Sample Location Sample Date Sample ID Laboratory Identification Sample Type	CAS Number	NYSDEC Groundwater Guidance or Standard Value[1]	MW-08S 10/5/2010 MW-8S(100510) J1946 Sample	MW-08I 10/5/2010 MW-8I(100510) J1946 Sample	MW-09S 10/6/2010 MW-9S (100610) J1926 Sample	MW-09I 10/6/2010 MW-9I (100610) J1926 Sample	MW-09D 10/6/2010 MW-9D (100610) J1926 Sample	MW-19S 3/18/2012 MW-19S-031812 460380891 Sample	MW-19I 3/18/2012 MW-19I-031812 460380891 Sample	MW-19I 3/18/2012 DUP-3-031812 460380891 Duplicate	MW-20S 3/18/2012 MW-20S-031812 460380891 Sample	MW-20I 3/18/2012 MW-20I-031812 460380891 Sample	MW-21D 3/15/2012 MW-21D-031512 460380031 Sample	MW-22I 3/15/2012 MW-22I-031512 460380031 Sample	MW-22D 3/15/2012 MW-22D-031512 460380031 Sample	MW-22D 3/15/2012 DUP 1 GM-3/17/2012 460380031 Duplicate	MW-23D 3/14/2012 MW-23D-031412 460380031 Sample	MW-25S 3/14/2012 MW-25S-031412 460380031 Sample	MW-25I 3/14/2012 MW-25I-031412 460380031 Sample
Polynuclear Aromatic Hydrocarbons (PAHs) (ug/L)																			
2-Methylnaphthalene	91-57-6	NL	**49**	**150**	<10 U	**390 J**	**66**	<10 U	**350**	**300**	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
Acenaphthene	83-32-9	20	**19**	**59**	**11**	**140**	**61**	<10 U	**110 J**	**80 J**	<10 U	<10 U	<10 U	**51**	<10 U	<10 U	<10 U	<10 U	<10 U
Acenaphthylene	208-96-8	NL	<10 U	<10 U	**1.7 J**	**24**	**50**	<10 U	**66 J**	<200 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
Anthracene	120-12-7	50	<10 U	<10 U	**1.4 J**	**12**	**3.8 J**	<10 U	<200 U	<200 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
Benzo(a)anthracene	56-55-3	0.002	<10 U	<10 U	<10 U	<10 U	<10 U	<1.0 U	<20 U	<20 U	**0.53 J**	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U
Benzo(a)pyrene	50-32-8	NL	<10 U	<10 U	<10 U	<10 U	<10 U	<1.0 U	<20 U	<20 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 UJ	<1.0 UJ	<1.0 U	<1.0 U	<1.0 U
Benzo(b)fluoranthene	205-99-2	0.002	<10 U	<10 U	<10 U	<10 U	<10 U	<1.0 UJ	<20 U	<20 U	<1.0 UJ	<1.0 U	<1.0 U	<1.0 U	<1.0 UJ	<1.0 UJ	<1.0 U	<1.0 U	<1.0 U
Benzo(g,h,i)perylene	191-24-2	NL	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<200 U	<200 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
Benzo(k)fluoranthene	207-08-9	0.002	<10 U	<10 U	<10 U	<10 U	<10 U	<1.0 U	<20 U	<20 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 UJ	<1.0 UJ	<1.0 U	<1.0 U	<1.0 U
Chrysene	218-01-9	0.002	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<200 U	<200 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
Dibenz(a,h)anthracene	53-70-3	NL	<10 U	<10 U	<10 U	<10 U	<10 U	<1.0 UJ	<20 U	<20 U	<1.0 UJ	<1.0 U	<1.0 U	<1.0 U	<1.0 UJ	<1.0 UJ	<1.0 U	<1.0 U	<1.0 U
Fluoranthene	206-44-0	50	<10 U	<10 U	**1.0 J**	**3.5 J**	<10 U	<10 U	<200 U	<200 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
Fluorene	86-73-7	50	**6.2 J**	**5.5 J**	<10 U	**58 J**	**22 J**	<10 U	<200 U	<200 U	<10 U	<10 U	<10 U	**18**	<10 U	<10 U	<10 U	<10 U	<10 U
Indeno(1,2,3-cd)pyrene	193-39-5	0.002	<10 U	<10 U	<10 U	<10 U	<10 U	<1.0 UJ	<20 U	<20 U	<1.0 UJ	<1.0 U	<1.0 U	<1.0 U	<1.0 UJ	<1.0 UJ	<1.0 U	<1.0 U	<1.0 U
Naphthalene	91-20-3	10	**470**	**1800**	**3.5 J**	**5200**	**2000**	<10 U	**3100**	**2500**	<10 U	<10 U	<10 U	**3.8 J**	<10 U	<10 U	<10 U	<10 U	<10 U
Phenanthrene	85-01-8	50	**5.2 J**	<10 U	<10 U	**54**	**19**	<10 U	<200 U	<200 U	<10 U	<10 U	<10 U	**10**	<10 U	<10 U	<10 U	<10 U	<10 U
Pyrene	129-00-0	50	<10 U	<10 U	**1.1 J**	**3.5 J**	<10 U	<10 U	<200 U	<200 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
Total PAHs		NL	**549.4**	**2014.5**	**19.7**	**5885**	**2221.8**	ND	**3626**	**2880**	**0.53**	ND	ND	**82.8**	ND	ND	ND	ND	ND
Other Semivolatile Organic Compounds (SVOCs) (ug/L)																			
1,1'-Biphenyl	92-52-4	5	**4.4 J**	**3.8 J**	NA	NA	NA	<10 U	<200 U	<200 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
1,2,4,5-Tetrachlorobenzene	95-94-3	NL	NA	NA	NA	NA	NA	<10 U	<200 U	<200 U	<10 U	<10 U	<10 U	<10 U	<10 UJ	<10 UJ	<10 U	<10 U	<10 U
2,2'-oxybis(1-Chloropropane)	108-60-1	NL	NA	NA	NA	NA	NA	<10 U	<200 U	<200 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
2,3,4,6-Tetrachlorophenol	58-90-2	NL	NA	NA	NA	NA	NA	<10 U	<200 U	<200 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
2,4,5-Trichlorophenol	95-95-4	NL	<20 U	<20 U	<20 U	<20 U	<20 U	<10 U	<200 U	<200 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
2,4,6-Trichlorophenol	88-06-2	NL	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<200 U	<200 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
2,4-Dichlorophenol	120-83-2	5	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<200 U	<200 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
2,4-Dimethylphenol	105-67-9	50	<10 U	**11**	<10 U	<10 U	<10 U	<10 U	<200 U	<200 U	<10 U	<10 U	<10 U	<10 U	<10 UJ	<10 UJ	<10 U	<10 U	<10 U
2,4-Dinitrophenol	51-28-5	10	<20 U	<20 U	<20 U	<20 U	<20 U	<31 UJ	<610 U	<610 U	<31 UJ	<30 UJ	<31 U	<31 U	<30 U	<30 U	<30 U	<30 U	<30 U
2,4-Dinitrotoluene	121-14-2	5	<10 U	<10 U	<10 U	<10 U	<10 U	<2.0 U	<40 U	<40 U	<2.0 U	<2.0 U	<2.0 U	<2.0 U	<2.0 U	<2.0 U	<2.0 U	<2.0 U	<2.0 U
2,6-Dinitrotoluene	606-20-2	5	<10 U	<10 U	<10 U	<10 U	<10 U	<2.0 U	<40 U	<40 U	<2.0 U	<2.0 U	<2.0 U	<2.0 U	<2.0 U	<2.0 U	<2.0 U	<2.0 U	<2.0 U
2-Chloronaphthalene	91-58-7	10	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<200 U	<200 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
2-Chlorophenol	95-57-8	NL	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<200 U	<200 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
2-Methylphenol	95-48-7	NL	<10 U	<10 U	<10 U	**4.6 J**	<10 U	<10 U	<200 U	<200 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
2-Nitroaniline	88-74-4	5	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<400 U	<400 U	<20 U	<20 U	<20 U	<20 U	<20 UJ	<20 UJ	<20 U	<20 U	<20 U
2-Nitrophenol	88-75-5	NL	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<200 U	<200 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
3,3'-Dichlorobenzidine	91-94-1	5	<10 U	<10 U	<10 U	<10 U	<10 U	<20 U	<400 U	<400 U	<20 U	<20 U	<20 U	<20 U	R	R	<20 U	<20 U	<20 U
3-Nitroaniline	99-09-2	5	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<400 U	<400 U	<20 U	<20 U	<20 U	<20 U	<20 UJ	<20 UJ	<20 U	<20 U	<20 U
4,6-Dinitro-2-methylphenol	534-52-1	NL	<20 U	<20 U	<20 U	<20 U	<20 U	<31 U	<610 U	<610 U	<31 U	<30 U	<31 U	<31 U	<30 U	<30 U	<30 U	<30 U	<30 U
4-Bromophenyl phenyl ether	101-55-3	NL	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<200 U	<200 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
4-Chloro-3-methylphenol	59-50-7	NL	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<200 U	<200 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
4-Chloroaniline	106-47-8	5	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<200 U	<200 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
4-Chlorophenyl phenyl ether	7005-72-3	NL	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<200 U	<200 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
4-Methylphenol	106-44-5	NL	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<200 U	<200 U	**1.9 J**	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
4-Nitroaniline	100-01-6	5	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<400 U	<400 U	<20 U	<20 U	<20 U	<20 U	<20 UJ	<20 UJ	<20 U	<20 U	<20 U
4-Nitrophenol	100-02-7	NL	<20 U	<20 U	<20 U	<20 U	<20 U	<31 U	<610 U	<610 U	<31 U	<30 U	<31 U	<31 U	<30 U	<30 U	<30 U	<30 U	<30 U
Acetophenone	98-86-2	NL	**1.6 J**	**2.6 J**	NA	NA	NA	<10 U	<200 U	<200 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
Atrazine	1912-24-9	7.5	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<200 UJ	<200 UJ	<10 U	<10 UJ	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
Benzaldehyde	100-52-7	NL	<10 UJ	<10 UJ	NA	NA	NA	<10 UJ	<200 UJ	<200 UJ	<10 UJ	<10 UJ	<10 UJ	<10 UJ	<10 UJ	<10 UJ	<10 UJ	<10 UJ	<10 UJ
bis(2-Chloroethoxy)methane	111-91-1	5	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<200 U	<200 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
bis(2-Chloroethyl) ether	111-44-4	1	<10 U	<10 U	<10 U	<10 U	<10 U	<1.0 U	<20 U	<20 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U
bis(2-Ethylhexyl) phthalate	117-81-7	5	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<200 U	<200 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
Butyl benzyl phthalate	85-68-7	50	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<200 U	<200 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
Caprolactam	105-60-2	NL	<10 UJ	<10 UJ	NA	NA	NA	<10 U	<200 U	<200 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
Carbazole	86-74-8	NL	**6.7 J**	**5.9 J**	<10 U	**52**	**14**	<10 U	<200 U	<200 U	<10 U	<10 U	<10 U	**11**	<10 U	<10 U	<10 U	<10 U	<10 U
Dibenzofuran	132-64-9	NL	**1.7 J**	**1.9 J**	<10 U	**16**	**4.5 J**	<10 U	<200 U	<200 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
Diethyl phthalate	131-11-3	50	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<200 U	<200 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
Dimethyl phthalate	84-66-2	50	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<200 U	<200 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
Di-n-butyl phthalate	84-74-2	50	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<200 U	<200 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
Di-n-octyl phthalate	117-84-0	NL	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<200 U	<200 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
Hexachlorobenzene	118-74-1	0.4	<10 U	<10 U	<10 U	<10 U	<10 U	<1.0 U	<20 U	<20 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U
Hexachlorobutadiene	87-68-3	0.5	<10 U	<10 U	<10 U	<10 U	<10 U	<2.0 U	<40 U	<40 U	<2.0 U	<2.0 U	<2.0 U	<2.0 U	<2.0 U	<2.0 U	<2.0 U	<2.0 U	<2.0 U
Hexachlorocyclopentadiene	77-47-4	5	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<200 U	<200 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
Hexachloroethane	67-72-1	5	<10 U	<10 U	<10 U	<10 U	<10 U	<1.0 U	<20 U	<20 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U
Isophorone	78-59-1	50	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<200 U	<200 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
Nitrobenzene	98-95-3	0.4	<10 U	<10 U	<10 U	<10 U	<10 U	<1.0 U	<20 U	<20 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U
N-Nitrosodi-n-propylamine	621-64-7	50	<10 U	<10 U	<10 U	<10 U	<10 U	<1.0 U	<20 U	<20 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U
N-Nitrosodiphenylamine	86-30-6	50	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<200 U	<200 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
Pentachlorophenol	87-86-5	1	<20 U	<20 U	<20 U	<20 U	<20 U	<31 U	<610 U	<610 U	<31 U	<30 U	<31 U	<31 U	<30 U	<30 U	<30 U	<30 U	<30 U
Phenol	108-95-2	1	**2.4 J**	**86**	<10 U	**5.7 J**	<10 U	<10 U	<200 U	<200 U	**2.6 J**	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
Total Other SVOCs		NL	**16.8**	**111.2**	ND	**78.3**	**18.5**	ND	**3626**	**2880**	**5.03**	ND	ND	**93.8**	ND	ND	ND	ND	ND

Notes:

mg/Kg - milligrams per kilogram
µg/L - micrograms per liter
J = The associated data is an estimated quantity.
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NA = Not Analyzed
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U = The analyte was analyzed for but not detected at, or above, the Method Detection Limit (MDL). The associated numerical value is the Practical Quantitation Limit (PQL).
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Bold indicates the analyte detected at a concentration greater than the MDL.
Yellow highlight indicates result is above the NYSDEC Part 375-6.8(b) Restricted Use Soil Cleanup Objective Commercial value.
[1] Guidance or Standard Values - NYSDEC, Division of Water, TOGS (1.1.1) - 6 NYCRR 703.5 [NYSDEC, 1998].

Table 5-5 continued
Summary of Groundwater Analytical Results
Metropolitan Former MGP Site, Brooklyn, New York

Sample Location Sample Date Sample ID Laboratory Identification Sample Type	CAS Number	NYSDEC Groundwater Guidance or Standard Value[1]	MW-08S 10/5/2010 MW-8S(100510) J1946 Sample	MW-08I 10/5/2010 MW-8I(100510) J1946 Sample	MW-09S 10/6/2010 MW-9S (100610) J1926 Sample	MW-09I 10/6/2010 MW-9I (100610) J1926 Sample	MW-09D 10/6/2010 MW-9D (100610) J1926 Sample	MW-19S 3/18/2012 MW-19S-031812 460380891 Sample	MW-19I 3/18/2012 MW-19I-031812 460380891 Sample	MW-19I 3/18/2012 DUP-3-031812 460380891 Duplicate	MW-20S 3/18/2012 MW-20S-031812 460380891 Sample	MW-20I 3/18/2012 MW-20I-031812 460380891 Sample	MW-21D 3/15/2012 MW-21D-031512 460380031 Sample	MW-22I 3/15/2012 MW-22I-031512 460380031 Sample	MW-22D 3/15/2012 MW-22D-031512 460380031 Sample	MW-22D 3/15/2012 DUP 1 GM-3/17/2012 460380031 Duplicate	MW-23D 3/14/2012 MW-23D-031412 460380031 Sample	MW-25S 3/14/2012 MW-25S-031412 460380031 Sample	MW-25I 3/14/2012 MW-25I-031412 460380031 Sample
Inorganic Compounds (ug/L)																			
Aluminum	7429-90-5	NL	<200 U	<200 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Antimony	7440-36-0	3	**24.3**	**12.2 J**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	7440-38-2	25	**5.1 J**	**8.3 J**	<20 U	**26.7**	<20 U	**11.3**	<5.0 U	**3.9 J**	**12.6**	**34.9**	<5.0 U	**55.6**	**5.2**	<5.0 U	**9.6**	**124**	**110**
Barium	7440-39-3	1000	**739**	**883**	**100 J**	**2510**	**507**	**84.4 J**	**861**	**876**	**144 J**	**108 J**	**176 J**	**800**	**116 J**	**120 J**	**326**	**608**	**568**
Beryllium	7440-41-7	3	<5.0 U	<5.0 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	7440-43-9	5	<5.0 U	<5.0 U	<5.0 U	<5.0 U	<5.0 U	<5.0 U	<5.0 U	<5.0 U	<5.0 U	<5.0 U	<5.0 U	<5.0 U	<5.0 U	<5.0 U	<5.0 U	<5.0 U	<5.0 U
Calcium	7440-70-2	NL	**593000**	**216000**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	7440-47-3	50	<20 U	<20 U	<20 U	<20 U	<20 U	<10.0 U	**36.6**	**34.9**	**12.9**	<10.0 U	<10.0 U	<10.0 U	<10.0 U	<10.0 U	<10.0 U	<10.0 U	<10.0 U
Cobalt	7440-48-4	NL	<50 U	<50 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	7440-50-8	200	<30 U	<30 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	7439-89-6	300	**5220**	**21200**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	7439-92-1	25	<10 U	<10 U	**6.9 J**	<10 U	<10 U	<5.0 U	<10.0 U	<10.0 U	**39.6**	<5.0 U	<5.0 U	**4.9 J**	<5.0 U	<5.0 U	<5.0 U	**8.2**	**9.2**
Magnesium	7439-95-4	35000	**48300**	**95500**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	7439-96-5	300	**491**	**1720**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	7439-97-6	0.7	<0.20 U	<0.20 U	<0.20 U	<0.20 U	<0.20 U	<0.20 U	<0.20 U	<0.20 U	<0.20 U	<0.20 U	<0.20 U	<0.20 U	<0.20 U	<0.20 U	<0.20 U	<0.20 U	<0.20 U
Nickel	7440-02-0	100	<50 U	<50 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	7440-09-7	NL	**87800**	**35700**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	7782-49-2	10	<30.0 U	<30.0 U	**13.8 J**	<30.0 U	<30.0 U	<10.0 U	<10.0 U	<10.0 U	<10.0 U	<10.0 U	<10.0 U	<10.0 U	<10.0 U	<10.0 U	<10.0 U	<10.0 U	<10.0 U
Silver	7440-22-4	50	<30 U	<30 U	<30 U	<30 U	<30 U	<10.0 U	<10.0 U	<10.0 U	<10.0 U	<10.0 U	<10.0 U	<10.0 U	<10.0 U	<10.0 U	<10.0 U	<10.0 U	<10.0 U
Sodium	7440-23-5	20000	**2510000**	**711000**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	7440-28-0	0.5	**10.2 J**	<20 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	7440-62-2	NL	<50 U	<50 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	7440-66-6	2000	<50 U	<50 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cyanide (ug/L)																			
Total Cyanide	57-12-5	200	**26.7**	**120**	**72.3**	<20 U	**15.8 J**	**14**	<10 U	<10 U	**24**	**12**	<10 U	**130**	**7.8 J**	**7.2 J**	**29**	**12**	**9.9 J**
Pesticides (ug/L)																			
Aldrin	309-00-2	NL	<0.050 U	<0.050 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Alpha-BHC	319-84-6	NL	<0.050 U	**R**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beta-BHC	319-85-7	NL	<0.050 U	**R**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlordane, alpha	5103-71-9	NL	<0.050 U	<0.050 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlordane, trans-	5103-74-2	NL	<0.050 U	<0.050 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DDD,4,4-	72-54-8	NL	<0.10 U	<0.10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DDE,4,4-	72-55-9	NL	<0.10 U	<0.10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DDT,4,4-	50-29-3	NL	<0.10 U	<0.10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Delta-BHC	319-86-8	NL	<0.050 U	<0.050 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dieldrin	60-57-1	NL	<0.10 U	<0.10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endosulfan I	959-98-8	NL	<0.050 U	<0.050 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endosulfan II	33213-65-9	NL	<0.10 U	<0.10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endosulfan sulfate	1031-07-8	NL	<0.10 U	<0.10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endrin	72-20-8	NL	<0.10 U	<0.10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endrin aldehyde	7421-93-4	NL	<0.10 U	<0.10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endrin ketone	53494-70-5	NL	<0.10 U	<0.10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gamma BHC (Lindane)	58-89-9	NL	<0.050 U	<0.050 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Heptachlor	76-44-8	NL	<0.050 U	<0.050 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Heptachlor Epoxide	1024-57-3	NL	<0.050 U	<0.050 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methoxychlor	72-43-5	NL	<0.50 U	<0.50 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toxaphene	8001-35-2	NL	<5.0 U	<5.0 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Polychlorinated biphenyls (ug/L)																			
Aroclor 1016	12674-11-2	NL	<1.0 U	<1.0 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	11104-28-2	NL	<1.0 U	<1.0 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	11141-16-5	NL	<1.0 U	<1.0 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	53469-21-9	NL	<1.0 U	<1.0 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	12672-29-6	NL	<1.0 U	<1.0 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	11097-69-1	NL	<1.0 U	<1.0 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	11096-82-5	NL	<1.0 U	<1.0 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Herbicides (ug/L)																			
2,4-D	94-75-7	NL	<1.0 U	<1.0 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-DB	94-82-6	NL	<1.0 U	<1.0 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silvex	93-72-1	NL	<0.10 U	<0.10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-T	93-76-5	NL	<0.10 U	<0.10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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[1] Guidance or Standard Values - NYSDEC, Division of Water, TOGS (1.1.1) - 6 NYCRR 703.5 [NYSDEC, 1998].