Table 1. Summary of Remedial Investigation Samples, Former Dangman Park MGP Site, Brooklyn, New York.

Location Identification	Drilling/Sampling Method [1]	Total Depth (ft bls)	Soil Sampling Intervals (ft bls)	Soil Laboratory Analysis	Soil Vapor/Air Sampling Intervals (ft bls)	Soil Vapor/Air Laboratory Analysis	Groundwater Sampling Intervals (ft bls)	Groundwater Laboratory Analysis
MEDIA: SOIL								
Soil Borings								
SB-4/MW-10	SONIC/CB	100	98 - 100	VOCs, SVOCs, Metals, Total CN, Free CN, PCBs	--	--	--	--
SB-5/MW-11	SONIC/CB	80	78 - 80	VOCs, SVOCs, Metals, Total CN, Free CN, PCBs	--	--	--	--
SB-6	SONIC/CB	80	2 - 3, 6 - 8, 43 - 45, 58 - 60	VOCs, SVOCs, Metals, Total CN, Free CN, PCBs, Pesticides [3]	--	--	--	--
SB-7	SONIC/CB	80	2 - 3, 6 - 8	VOCs, SVOCs, Metals, Total CN, Free CN, PCBs, Pesticides [3]	--	--	--	--
SB-8	SONIC/CB	80	2 - 3, 6 - 8	VOCs, SVOCs, Metals, Total CN, Free CN, PCBs, Pesticides [3]	--	--	--	--
SB-9	SONIC/CB	100	2 - 3, 6 - 8, 72 - 73.5, 95.5 - 97.5	VOCs, SVOCs, Metals, Total CN, Free CN, PCBs, Pesticides [3]	--	--	--	--
SB-10	SONIC/CB	80	2 - 3, 6 - 8	VOCs, SVOCs, Metals, Total CN, Free CN, PCBs, Pesticides [3]	--	--	--	--
SB-11	SONIC/CB	80	2 - 3, 6 - 8, 40.5 - 42.5, 67 - 69	VOCs, SVOCs, Metals, Total CN, Free CN, PCBs, Pesticides [3]	--	--	--	--
SB-12	SONIC/CB	80	2 - 3, 6 - 8	VOCs, SVOCs, Metals, Total CN, Free CN, PCBs, Pesticides [3]	--	--	--	--
SB-13	DPT/MC/SONIC/CB	80	2 - 3, 6 - 8, 50 - 52, 60 - 62	VOCs, SVOCs, Metals, Total CN, Free CN, PCBs, Pesticides [3]	--	--	--	--
SB-14	DPT/MC/SONIC/CB	80	2.5 - 3.5, 6 - 8	VOCs, SVOCs, Metals, Total CN, Free CN, PCBs, Pesticides [3]	--	--	--	--
SB-16	SONIC/CB	80	2 - 3, 5 - 7	VOCs, SVOCs, Metals, Total CN, Free CN, PCBs	--	--	--	--
SB-17	SONIC/CB	80	2 - 3, 5 - 7	VOCs, SVOCs, Metals, Total CN, Free CN, PCBs	--	--	--	--
SB-18	SONIC/CB	80	2 - 3, 7 - 9, 20 - 22, 52 - 54	VOCs, SVOCs, Metals, Total CN, Free CN, PCBs, Pesticides [3]	--	--	--	--
SB-19	SONIC/CB	80	2 - 3, 10 - 11	VOCs, SVOCs, Metals, Total CN, Free CN, PCBs	--	--	--	--
SB-20	SONIC/CB	80	2 - 3, 6 - 8	VOCs, SVOCs, Metals, Total CN, Free CN, PCBs, Pesticides [3]	--	--	--	--
SB-21	SONIC/CB	80	2 - 3, 12 - 13	VOCs, SVOCs, Metals, Total CN, Free CN, PCBs	--	--	--	--
SB-22	SONIC/CB	80	2 - 3, 5 - 7, 33 - 34, 58 - 60	VOCs, SVOCs, Metals, Total CN, Free CN, PCBs	--	--	--	--
SB-23/MW-12	SONIC/CB	80	5 - 7	VOCs, SVOCs, Metals, Total CN, Free CN, PCBs	--	--	--	--
SB-24	SONIC/CB	90	5 - 7	VOCs, SVOCs, Metals, Total CN, Free CN, PCBs	--	--	--	--
MW-6 [2]	HSA/DPT/MC	15	--	--	--	--	--	--
MW-7 [2]	HSA/DPT/MC	15	--	--	--	--	--	--
MW-8 [2]	HSA/DPT/MC	15	--	--	--	--	--	--
MW-9 [2]	HSA/DPT/MC	16	--	--	--	--	--	--
MW-13	SONIC/CB	100	77 - 79, 90 - 92	VOCs, SVOCs, Metals, Total CN, Free CN, PCBs	--	--	--	--
MW-14	SONIC/CB	110	82 - 84, 108 - 110	VOCs, SVOCs, Metals, Total CN, Free CN, PCBs	--	--	--	--
MW-15	SONIC/CB	20	--	--	--	--	--	--
MW-16	SONIC/CB	40	--	--	--	--	--	--
MW-17	SONIC/CB	115	7 - 9, 25 - 27, 103 - 105, 113 - 115	VOCs, SVOCs, Metals, Total CN, Free CN, PCBs	--	--	--	--
MW-18	SONIC/CB	100	82 - 84, 97 - 99	VOCs, SVOCs, Metals, Total CN, Free CN, PCBs	--	--	--	--
MW-19	SONIC/CB	100	2 - 3, 5 - 7, 67 - 69, 77 - 79	VOCs, SVOCs, Metals, Total CN, Free CN, PCBs, Pesticides [3]	--	--	--	--
MW-20	SONIC/CB	115	80 - 82, 85 - 86, 90 - 92	VOCs, SVOCs, Metals, Total CN, Free CN, PCBs	--	--	--	--
MEDIA: SOIL VAPOR								
Soil Vapor Points								
SV-1	HA/SUMMA®	5	--	--	4.5 - 5	VOCs	--	--
SV-2	HA/SUMMA®	5	--	--	4.5 - 5	VOCs	--	--
SV-3	HA/SUMMA®	5	--	--	4.5 - 5	VOCs	--	--
SV-4	HA/SUMMA®	5	--	--	4.5 - 5	VOCs	--	--
MEDIA: AIR								
Ambient Air Samples								
AA-1	--/SUMMA®	--	--	--	Ambient Air	VOCs	--	--

See footnotes on last page.

Table 1. Summary of Remedial Investigation Samples, Former Dangman Park MGP Site, Brooklyn, New York.

Location Identification	Drilling/Sampling Method [1]	Total Depth (ft bls)	Soil Sampling Intervals (ft bls)	Soil Laboratory Analysis	Soil Vapor/Air Sampling Intervals (ft bls)	Soil Vapor/Air Laboratory Analysis	Groundwater Sampling Intervals (ft bls)	Groundwater Laboratory Analysis
MEDIA: GROUNDWATER								
Temporary Monitoring Wells								
VP-1	DPT/GS	90	--	--	--	--	10 - 12, 34 - 36, 72 - 74, 88 - 90	VOCs, SVOCs
VP-2	DPT/GS	90	--	--	--	--	10 - 12, 34 - 36, 72 - 74, 88 - 90	VOCs, SVOCs
VP-3	DPT/GS	90	--	--	--	--	10 - 12, 34 - 36, 72 - 74, 88 - 90	VOCs, SVOCs
VP-4	DPT/GS	60	--	--	--	--	10 - 12, 43 - 45, 58 - 60	VOCs, SVOCs
SB-7	SONIC/TMW	57	--	--	--	--	13 - 15, 32 - 34, 55 - 57	VOCs, SVOCs
Monitoring Wells								
MW-1	HSA/LF	16	--	--	--	--	6 - 16	VOCs, SVOCs, Metals, Total CN
MW-2	HSA/LF	16	--	--	--	--	6 - 16	VOCs, SVOCs, Metals, Total CN
MW-3	HSA/LF	16	--	--	--	--	6 - 16	VOCs, SVOCs, Metals, Total CN
MW-4	HSA/LF	16	--	--	--	--	6 - 16	VOCs, SVOCs, Metals, Total CN
MW-5	HSA/LF	42	--	--	--	--	30 - 40	VOCs, SVOCs, Metals, Total CN, PCBs, Pesticides
MW-6	HSA/LF	16	--	--	--	--	6 - 16	VOCs, SVOCs, Metals, Total CN
MW-7	HSA/LF	16	--	--	--	--	6 - 16	VOCs, SVOCs, Metals, Total CN
MW-8	HSA/LF	16	--	--	--	--	6 - 16	VOCs, SVOCs, Metals, Total CN
MW-9	HSA/LF	15	--	--	--	--	5 - 15	VOCs, SVOCs, Metals, Total CN
MW-10	SONIC/LF	103	--	--	--	--	90 - 100	VOCs, SVOCs, Metals, Total CN
MW-11	SONIC/LF	43	--	--	--	--	30 - 40	VOCs, SVOCs, Metals, Total CN, PCBs, Pesticides
MW-12	SONIC/LF	43	--	--	--	--	30 - 40	VOCs, SVOCs, Metals, Total CN, PCBs, Pesticides
MW-13	SONIC/LF	88	--	--	--	--	75 - 85	VOCs, SVOCs, Metals, Total CN
MW-14	SONIC/LF	93	--	--	--	--	80 - 90	VOCs, SVOCs, Metals, Total CN
MW-15	SONIC/LF	16	--	--	--	--	6 - 16	VOCs, SVOCs, Metals, Total CN
MW-16	SONIC/LF	43	--	--	--	--	30 - 40	VOCs, SVOCs, Metals, Total CN, PCBs, Pesticides
MW-17	SONIC/LF	98	--	--	--	--	85 - 95	VOCs, SVOCs, Metals, Total CN
MW-18	SONIC/LF	83	--	--	--	--	70 - 80	VOCs, SVOCs, Metals, Total CN
MW-19	SONIC/LF	78	--	--	--	--	65 - 75	VOCs, SVOCs, Metals, Total CN
MW-20	SONIC/LF	97	--	--	--	--	80 - 95	VOCs, SVOCs, Metals, Total CN

1	The complete description of drilling and sampling methods is provided in the NYSDEC-approved RI Work Plan and summarized in Section 3 of this RI Report.
2	Soil cores were collected for lithologic description only.
3	Soil samples submitted for pesticide analysis were collected from the upper five feet of the soil boring.
ft bls	Feet below land surface.
DPT	Direct Push Technology.
HSA	Hollow-stem auger.
CB	Core Barrel.
MC	Macro-Core® Soil Sampler.
HA	Hand auger.
VOCs	Volatile Organic Compounds.
SVOCs	Semi-Volatile Organic Compounds.
PCBs	Polychlorinated biphenyls.
CN	Cyanide.
SUMMA®	SUMMA® canister.
GS	Screen Point 16 Groundwater Sampler.
TMW	Temporary Monitoring Well.
LF	Low-flow sampling.
--	Not applicable.

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Table 2. Monitoring Well Construction Details, Former Dangman Park MGP Site, Brooklyn, New York.

Monitoring Well Designation	Well Diameter (inches)	Screened Interval (ft bls)	Total Depth (ft bls)
MW-1	2	6 - 16	16
MW-2	2	6 - 16	16
MW-3	2	6 - 16	16
MW-4	2	6 - 16	16
MW-5 [1]	2	30 - 40	42
MW-6	2	6 - 16	16
MW-7	2	6 - 16	16
MW-8	2	6 - 16	16
MW-9	2	5 - 15	15
MW-10 [2]	2	90 - 100	103
MW-11 [2]	2	30 - 40	43
MW-12 [2]	2	30 - 40	43
MW-13 [2]	2	75 - 85	88
MW-14 [2]	2	80 - 90	93
MW-15	2	6 - 16	16
MW-16 [2]	2	30 - 40	43
MW-17 [2]	2	85 - 95	98
MW-18 [2]	2	70 - 80	83
MW-19 [2]	2	65 - 75	78
MW-20 [1]	2	80 - 95	97

ft bls Feet below land surface.

Notes:
1 Well is constructed with a 2-foot sump at the bottom of the well.
2 Well is constructed with a 3-foot sump at the bottom of the well.

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Table 3. Water-Level Measurements Collected from Monitoring Wells on October 4, 2011,
Former Dangman Park MGP Site, Brooklyn, New York.

Well Designation	Elevation of Measuring Point (feet rmsl)	Depth to Water (feet bmp)	Water-Level Elevation (feet rmsl)
MW-1	8.35	6.88	1.47
MW-2	8.71	6.23	2.48
MW-3	8.25	5.80	2.45
MW-4	8.36	5.92	2.44
MW-5	8.76	6.31	2.45
MW-6	8.94	NA	NA
MW-7	8.17	5.61	2.56
MW-8	8.02	4.85	3.17
MW-9	8.46	5.81	2.65

rmsl	Relative to mean sea level.
bmp	Below measuring point.
NA	Not accessible.

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Table 4. Water-Level Measurements Collected from Monitoring Wells on March 20, 2012,
Former Dangman Park MGP Site, Brooklyn, New York.

Well Designation	Elevation of Measuring Point (feet rmsl)	Depth to Water (feet bmp)	Water-Level Elevation (feet rmsl)
MW-1	8.35	6.74	1.61
MW-2	8.71	7.07	1.64
MW-3	8.25	6.68	1.57
MW-4	8.36	6.78	1.58
MW-5	8.76	7.15	1.61
MW-6	8.94	6.65	2.29
MW-7	8.17	6.47	1.70
MW-8	8.02	5.64	2.38
MW-9	8.46	6.65	1.81
MW-10	8.90	7.00	1.90
MW-11	8.59	7.02	1.57
MW-12	8.24	6.66	1.58
MW-13	9.06	7.35	1.71
MW-14	9.02	7.39	1.63
MW-15	8.92	7.28	1.64
MW-16	8.84	7.20	1.64
MW-17	8.80	6.95	1.85
MW-18	8.89	7.24	1.65
MW-19	8.07	6.51	1.56

rmsl Relative to mean sea level.
bmp Below measuring point.

Table 5. Concentrations of Volatile Organic Compounds in Soil Samples Collected from Soil Borings and Compared to Restricted Use SCOs, Former Dangman Park MGP Site, Brooklyn, New York.

Compound (Units in ug/kg)	NYSDEC Subpart 375-6 Protection of Public Health Commercial Use SCO [1] (ug/kg)	NYSDEC Subpart 375-6 Protection of Groundwater SCO [1] (ug/kg)	Sample ID:	SB-4 (98-100')	SB-5 (78-80')	SB-6 (2-3')	SB-6 (6-8')	SB-6 (43-45')	SB-6 (58-60')	SB-7 (2-3')	SB-7 (6-8')	SB-8 (2-3')	SB-8 (6-8')	SB-9 (2-3')	SB-9 (6-8')
			Sample Depth (ft bls):	98 - 100	78 - 80	2 - 3	6 - 8	43 - 45	58 - 60	2 - 3	6 - 8	2 - 3	6 - 8	2 - 3	6 - 8
			Sample Date:	10/15/11	10/13/11	10/17/11	10/17/11	10/17/11	10/17/11	10/18/11	10/18/11	12/08/11	12/09/11	12/07/11	12/07/11
Acetone	500,000	50		<30	<33	**140**	<250 B	<3,000	**99 J**	**89**	<540	**83**	**21 J**	**79**	**64 J**
Dichlorodifluoromethane	-	-		<5.9 J	<6.5	<5.3	<49	<600	<5.7 J	<5.7	<110	<5.6	<5.4	<5.8	<31
Benzene	44,000	60		<5.9	<6.5	**2.7 J**	**23 J**	<600	<5.7 J	<5.7	<110	<5.6	<5.4	**3.3 J**	<31
Bromodichloromethane	-	-		<5.9	<6.5	<5.3	<49	<600	<5.7 J	<5.7	<110	<5.6	<5.4	<5.8	<31
Bromoform	-	-		<5.9	<6.5	<5.3	<49	<600	<5.7 J	<5.7	<110	<5.6	<5.4	<5.8	<31
Bromomethane	-	-		<5.9	<6.5	<5.3	<49	<600	<5.7 J	<5.7	<110	<5.6	<5.4	<5.8	<31
2-Butanone (MEK)	500,000	120		<30	<33	<32 B	<250 B	<3,000 J	<28 BJ	**10 J**	<540	**6.4 J**	**2.7 J**	**12 J**	**12 J**
Trichlorofluoromethane	-	-		<5.9	<6.5	<5.3	<49	<600	<5.7 J	<5.7	<110	<5.6	<5.4	<5.8	<31
Carbon disulfide	500,000 [2]	2,700 [2]		<5.9	<6.5	<5.3	<49	<600	<5.7 J	<5.7	<110	<5.6	<5.4	<5.8	<31
Carbon tetrachloride	22,000	760		<5.9	<6.5	<5.3	<49	<600	<5.7 J	<5.7	<110	<5.6	<5.4	<5.8	<31
Chlorobenzene	500,000	1,100		<5.9	<6.5	<5.3	<49	<600	<5.7 J	<5.7	<110	<5.6	<5.4	<5.8	<31
1,1,2-Trichloro-1,2,2-trifluoroethane	500,000 [2]	6,000 [2]		<5.9	<6.5	<5.3	<49	<600	<5.7 J	<5.7	<110	<5.6	<5.4	<5.8	<31
Chloroethane	-	1,900 [2]		<5.9	<6.5	<5.3	<49	<600	<5.7 J	<5.7	<110	<5.6	<5.4	<5.8	<31
Chloroform	350,000	370		<5.9	<6.5	<5.3	<49	<600	<5.7 J	<5.7	<110	<5.6	<5.4	<5.8	<31
Chloromethane	-	-		<5.9 J	<6.5	<5.3	<49	<600 J	<5.7 J	<5.7	<110 J	<5.6	<5.4	<5.8	<31
Dibromochloromethane	-	-		<5.9	<6.5	<5.3	<49	<600	<5.7 J	<5.7	<110	<5.6	<5.4	<5.8	<31
1,1-Dichloroethane	240,000	270		<5.9	<6.5	<5.3	<49	<600	<5.7 J	<5.7	<110	<5.6	<5.4	<5.8	<31
1,2-Dichloroethane	30,000	20		<5.9	<6.5	<5.3	<49	<600	<5.7 J	<5.7	<110	<5.6	<5.4	<5.8	<31
1,1-Dichloroethene	500,000	330		<5.9	<6.5	<5.3	<49	<600	<5.7 J	<5.7	<110	<5.6	<5.4	<5.8	<31
1,2-Dichloropropane	-	-		<5.9	<6.5	<5.3	<49	<600	<5.7 J	<5.7	<110	<5.6	<5.4	<5.8	<31
cis-1,3-Dichloropropene	-	-		<5.9	<6.5	<5.3	<49	<600	<5.7 J	<5.7	<110	<5.6	<5.4	<5.8	<31
Methyl acetate	-	-		<5.9	<6.5	<5.3	<49	<600 J	<5.7 J	<5.7	<110	<5.6	<5.4	<5.8	<31
trans-1,3-Dichloropropene	-	-		<5.9	<6.5	<5.3	<49	<600	<5.7 J	<5.7	<110	<5.6	<5.4	<5.8	<31
Ethylbenzene	390,000	1,000		<5.9	<6.5	**12**	**290**	**6,100**	<5.7 J	<5.7	<110	<5.6	<5.4	**1.0 J**	**3.1 J**
2-Hexanone	-	-		<30	<33	<27	<250	<3,000 J	<28 J	<29	<540 J	<28	<27	<29	<160
Methylene Chloride	500,000	50		<5.9 B	<6.5	<5.3 B	<49	<600	<5.7 BJ	<5.7 B	<110	<5.6 B	<5.4 B	<5.8 B	<31 B
4-Methyl-2-pentanone (MIBK)	-	1,000 [2]		<30	<33	<27	<250	<3,000 J	<28 J	<29	<540 J	<28	<27	<29	<160
Styrene	-	-		<5.9	<6.5	<5.3	<49	<600	<5.7 J	<5.7	<110	<5.6	<5.4	<5.8	<31
1,1,2,2-Tetrachloroethane	-	600 [2]		<5.9	<6.5	<5.3	<49	<600	<5.7 J	<5.7	<110	<5.6	<5.4	<5.8	<31
Tetrachloroethene	150,000	1,300		<5.9	<6.5 J	<5.3 J	<49 J	<600	<5.7 J	<5.7 J	<110	<5.6	<5.4	<5.8	<31
Toluene	500,000	700		<5.9	<6.5	**0.90 J**	**23 J**	<600	<5.7 J	<5.7	<110	<5.6	<5.4	**0.53 J**	<31
1,1,1-Trichloroethane	500,000	680		<5.9	<6.5	<5.3	<49	<600	<5.7 J	<5.7	<110	<5.6	<5.4	<5.8	<31
1,1,2-Trichloroethane	-	-		<5.9	<6.5	<5.3	<49	<600	<5.7 J	<5.7	<110	<5.6	<5.4	<5.8	<31
Trichloroethene	200,000	470		<5.9	<6.5	<5.3	<49	<600	<5.7 J	<5.7	<110	<5.6	<5.4	<5.8	<31
Vinyl chloride	13,000	20		<5.9	<6.5	<5.3	<49	<600	<5.7 J	<5.7	<110	<5.6	<5.4	<5.8	<31
Xylenes, Total	500,000	1,600		<12	<13	**3.2 J**	**160**	**2,800**	<11 J	<11	<220	<11	<11	<12	**34 J**
cis-1,2-Dichloroethene	500,000	250		<5.9	<6.5	<5.3	<49	<600	<5.7 J	<5.7	<110	<5.6	<5.4	<5.8	<31
Cyclohexane	-	-		<5.9	<6.5	<5.3	**290**	<600	<5.7 J	<5.7	<110	<5.6	<5.4	<5.8	<31
trans-1,2-Dichloroethene	500,000	190		<5.9	<6.5	<5.3	<49	<600	<5.7 J	<5.7	<110	<5.6	<5.4	<5.8	<31
Isopropylbenzene	500,000 [2]	2,300 [2]		<5.9	<6.5	<5.3	**33 J**	**730**	<5.7 J	<5.7	<110	<5.6	<5.4	<5.8	**15 J**
1,3-Dichlorobenzene	280,000	2,400		<5.9	<6.5	<5.3	<49	<600	<5.7 J	<5.7	<110	<5.6	<5.4	<5.8	<31
1,4-Dichlorobenzene	130,000	1,800		<5.9	<6.5	<5.3	<49	<600	<5.7 J	<5.7	<110	<5.6	<5.4	<5.8	<31
1,2-Dichlorobenzene	500,000	1,100		<5.9	<6.5	<5.3	<49	<600	<5.7 J	<5.7	<110	<5.6	<5.4	<5.8	<31
1,2-Dibromo-3-Chloropropane	-	-		<5.9	<6.5	<5.3	<49	<600	<5.7 J	<5.7	<110	<5.6	<5.4	<5.8	<31
1,2,4-Trichlorobenzene	-	3,400 [2]		<5.9	<6.5	<5.3	<49	<600	<5.7 J	<5.7	<110	<5.6	<5.4	<5.8	<31
1,2-Dibromoethane	-	-		<5.9	<6.5	<5.3	<49	<600	<5.7 J	<5.7	<110	<5.6	<5.4	<5.8	<31
Methyl tert-butyl ether	500,000	930		<5.9	<6.5	<5.3	<49	<600	<5.7 J	<5.7	<110	<5.6	<5.4	<5.8	<31
Methylcyclohexane	-	-		<5.9	<6.5	<5.3	**450**	**720**	<5.7 J	<5.7	<110	<5.6	<5.4	<5.8	**30 J**
1,4-Dioxane	130,000	100		R	R	R	R	R	R	R	R	R	R	R	R
n-Butylbenzene	500,000	12,000		<5.9	<6.5	<5.3	<49	**480 J**	<5.7 J	<5.7	<110	<5.6	<5.4	<5.8	**45**
n-Propylbenzene	500,000	3,900		<5.9	<6.5	<5.3	**38 J**	**870**	<5.7 J	<5.7	<110	<5.6	<5.4	<5.8	**25 J**
sec-Butylbenzene	500,000	11,000		<5.9	<6.5	<5.3	**9.0 J**	<600	<5.7 J	<5.7	<110	<5.6	<5.4	<5.8	<31
tert-Butylbenzene	500,000	5,900		<5.9	<6.5	<5.3	<49	<600	<5.7 J	<5.7	<110	<5.6	<5.4	<5.8	<31
1,2,4-Trimethylbenzene	190,000	3,600		<5.9	<6.5	**2.1 J**	**210**	**3,000**	<5.7 J	<5.7	**52 J**	<5.6	<5.4	**2.2 J**	**160**
1,3,5-Trimethylbenzene	190,000	8,400		<5.9	<6.5	**1.3 J**	**120**	**8,100**	<5.7 J	<5.7	<110	<5.6	<5.4	**0.72 J**	**57**

See footnotes on last page.

Table 5. Concentrations of Volatile Organic Compounds in Soil Samples Collected from Soil Borings and Compared to Restricted Use SCOs, Former Dangman Park MGP Site, Brooklyn, New York.

Compound (Units in ug/kg)	NYSDEC Subpart 375-6 Protection of Public Health Commercial Use SCO [1] (ug/kg)	NYSDEC Subpart 375-6 Protection of Groundwater SCO [1] (ug/kg)	Sample ID:	SB-9 (72-73.5')	SB-9 (95.5-97.5')	SB-10 (2-3')	SB-10 (6-8')	DUP121311 SB-10 (6-8') Duplicate	SB-11 (2-3')	SB-11 (6-8')	SB-11 (40.5-42.5')	SB-11 (67-69')	SB-12 (2-3')	SB-12 (6-8')	SB-13 (2-3')
			Sample Depth (ft bls):	72 - 73.5	95.5 - 97.5	2 - 3	6 - 8	6 - 8	2 - 3	6 - 8	40.5 - 42.5	67 - 69	2 - 3	6 - 8	2 - 3
			Sample Date:	12/08/11	12/08/11	12/12/11	12/13/11	12/13/11	12/06/11	12/06/11	12/06/11	12/07/11	12/13/11	12/13/11	10/31/11
Acetone	500,000	50		<27,000 J	**6.1 J**	**37 J**	**55**	**40**	**53**	**81**	**18 J**	<28 B	**71**	**25 J**	<28
Dichlorodifluoromethane	-	-		<5,500	<6.0	<5.4	<7.6	<7.5	<6.0	<5.4	<5.7	<5.6	<5.3	<5.8	<5.6
Benzene	44,000	60		**19,000**	<6.0	<5.4 J	<7.6	<7.5	<6.0	<5.4	**1.8 J**	<5.6	<5.3	<5.8	<5.6
Bromodichloromethane	-	-		<5,500	<6.0	<5.4 J	<7.6	<7.5	<6.0	<5.4	<5.7	<5.6	<5.3	<5.8	<5.6
Bromoform	-	-		<5,500	<6.0	<5.4	<7.6	<7.5	<6.0	<5.4	<5.7	<5.6	<5.3	<5.8	<5.6
Bromomethane	-	-		<5,500	<6.0	<5.4	<7.6	<7.5	<6.0	<5.4	<5.7	<5.6	<5.3	<5.8	<5.6
2-Butanone (MEK)	500,000	120		<27,000 J	<30	**3.0 J**	<38	<38	**7.1 J**	**19 J**	<29	<28	**10 J**	<29	<28
Trichlorofluoromethane	-	-		<5,500	<6.0	<5.4	<7.6	<7.5	<6.0	<5.4	<5.7	<5.6	<5.3	<5.8	<5.6
Carbon disulfide	500,000 [2]	2,700 [2]		<5,500	<6.0	**0.56 J**	**1.4 J**	**1.5 J**	<6.0	<5.4	<5.7	<5.6	<5.3 J	<5.8 J	<5.6
Carbon tetrachloride	22,000	760		<5,500	<6.0	<5.4 J	<7.6	<7.5	<6.0	<5.4	<5.7	<5.6	<5.3	<5.8	<5.6
Chlorobenzene	500,000	1,100		<5,500	<6.0	<5.4 J	<7.6	<7.5	<6.0	<5.4	<5.7	<5.6	<5.3	<5.8	<5.6
1,1,2-Trichloro-1,2,2-trifluoroethane	500,000 [2]	6,000 [2]		<5,500	<6.0	<5.4 J	<7.6	<7.5	<6.0	<5.4	<5.7	<5.6	<5.3	<5.8	<5.6
Chloroethane	-	1,900 [2]		<5,500	<6.0	<5.4	<7.6	<7.5	<6.0	<5.4	<5.7	<5.6	<5.3	<5.8	<5.6
Chloroform	350,000	370		<5,500	<6.0	<5.4	<7.6	<7.5	<6.0	<5.4	<5.7	<5.6	<5.3	<5.8	<5.6
Chloromethane	-	-		<5,500	<6.0	<5.4	<7.6	<7.5	<6.0	<5.4	<5.7	<5.6	<5.3	<5.8	<5.6
Dibromochloromethane	-	-		<5,500	<6.0	<5.4	<7.6	<7.5	<6.0	<5.4	<5.7	<5.6	<5.3	<5.8	<5.6
1,1-Dichloroethane	240,000	270		<5,500	<6.0	<5.4	<7.6	<7.5	<6.0	<5.4	<5.7	<5.6	<5.3	<5.8	<5.6
1,2-Dichloroethane	30,000	20		<5,500	<6.0	<5.4	<7.6	<7.5	<6.0	<5.4	<5.7	<5.6	<5.3	<5.8	<5.6
1,1-Dichloroethene	500,000	330		<5,500	<6.0	<5.4 J	<7.6	<7.5	<6.0	<5.4	<5.7	<5.6	<5.3	<5.8	<5.6
1,2-Dichloropropane	-	-		<5,500	<6.0	<5.4 J	<7.6	<7.5	<6.0	<5.4	<5.7	<5.6	<5.3	<5.8	<5.6
cis-1,3-Dichloropropene	-	-		<5,500	<6.0	<5.4 J	<7.6	<7.5	<6.0	<5.4	<5.7	<5.6	<5.3	<5.8	<5.6
Methyl acetate	-	-		<5,500 J	<6.0	<5.4	<7.6	<7.5	<6.0	<5.4	<5.7	<5.6	<5.3	<5.8	<5.6
trans-1,3-Dichloropropene	-	-		<5,500	<6.0	<5.4	<7.6	<7.5	<6.0	<5.4	<5.7	<5.6	<5.3	<5.8	<5.6
Ethylbenzene	390,000	1,000		**320,000**	**0.74 J**	<5.4 J	<7.6	<7.5	<6.0	<5.4	**3.6 J**	**0.46 J**	**0.29 J**	<5.8	<5.6
2-Hexanone	-	-		<27,000 J	<30	<27 J	<38 J	<38 J	<30	<27	<29	<28	<26 J	<29 J	<28
Methylene Chloride	500,000	50		<5,500	<6.0 B	<7.4 B	<12 B	<13 B	<6.5 B	<5.4 B	<8.1 B	<12 B	<13 B	<6.4 B	<7.3 B
4-Methyl-2-pentanone (MIBK)	-	1,000 [2]		<27,000	<30	<27	<38	<38	<30	<27	<29	<28	<26	<29	<28
Styrene	-	-		**1,200,000 DJ**	**0.55 J**	<5.4 J	<7.6	<7.5	<6.0	<5.4	<5.7	<5.6	<5.3	<5.8	<5.6
1,1,2,2-Tetrachloroethane	-	600 [2]		<5,500 J	<6.0	<5.4 J	<7.6	<7.5	<6.0	<5.4	<5.7	<5.6	<5.3	<5.8	<5.6
Tetrachloroethene	150,000	1,300		<5,500	<6.0	<5.4 J	<7.6	<7.5	<6.0	<5.4	**0.83 J**	**0.87 J**	<5.3	<5.8	<5.6
Toluene	500,000	700		**550,000 DJ**	**0.96 J**	<5.4 J	<7.6	<7.5	<6.0	**0.50 J**	<5.7	<5.6	**0.34 J**	<5.8	**0.54 J**
1,1,1-Trichloroethane	500,000	680		<5,500	<6.0	<5.4 J	<7.6	<7.5	<6.0	<5.4	<5.7	<5.6	<5.3	<5.8	<5.6
1,1,2-Trichloroethane	-	-		<5,500	<6.0	<5.4 J	<7.6	<7.5	<6.0	<5.4	<5.7	<5.6	<5.3	<5.8	<5.6
Trichloroethene	200,000	470		<5,500	<6.0	<5.4 J	<7.6	<7.5	<6.0	<5.4	<5.7	<5.6	<5.3	<5.8	<5.6
Vinyl chloride	13,000	20		<5,500	<6.0	<5.4	<7.6	<7.5	<6.0	<5.4	<5.7	<5.6	<5.3	<5.8	<5.6
Xylenes, Total	500,000	1,600		**740,000**	<12	<11	<15	<15	<12	<11	<11	<11	**2.0 J**	<12	<11
cis-1,2-Dichloroethene	500,000	250		<5,500	<6.0	<5.4 J	<7.6	<7.5	<6.0	<5.4	<5.7	<5.6	<5.3	<5.8	<5.6
Cyclohexane	-	-		**18,000**	<6.0	<5.4 J	<7.6	<7.5	<6.0	<5.4	<5.7	<5.6	**0.35 J**	<5.8	<5.6
trans-1,2-Dichloroethene	500,000	190		<5,500	<6.0	<5.4 J	<7.6	<7.5	<6.0	<5.4	<5.7	<5.6	<5.3	<5.8	<5.6
Isopropylbenzene	500,000 [2]	2,300 [2]		**7,600**	<6.0	<5.4 J	<7.6	<7.5	<6.0	<5.4	<5.7	<5.6	**0.29 J**	<5.8	<5.6
1,3-Dichlorobenzene	280,000	2,400		<5,500	<6.0	<5.4 J	<7.6	<7.5	<6.0	<5.4	<5.7	<5.6	<5.3	<5.8	<5.6
1,4-Dichlorobenzene	130,000	1,800		<5,500	<6.0	<5.4 J	<7.6	<7.5	<6.0	<5.4	<5.7	<5.6	<5.3	<5.8	<5.6
1,2-Dichlorobenzene	500,000	1,100		<5,500	<6.0	<5.4 J	<7.6	<7.5	<6.0	**0.68 J**	<5.7	<5.6	<5.3	<5.8	<5.6
1,2-Dibromo-3-Chloropropane	-	-		<5,500 J	<6.0	<5.4 J	<7.6	<7.5	<6.0	<5.4	<5.7	<5.6	<5.3	<5.8	<5.6 J
1,2,4-Trichlorobenzene	-	3,400 [2]		<5,500	<6.0	<5.4 J	<7.6	<7.5	<6.0	<5.4	<5.7	<5.6	<5.3	<5.8	<5.6
1,2-Dibromoethane	-	-		<5,500	<6.0	<5.4 J	<7.6	<7.5	<6.0	<5.4	<5.7	<5.6	<5.3	<5.8	<5.6
Methyl tert-butyl ether	500,000	930		<5,500	<6.0	<5.4	<7.6	<7.5	<6.0	<5.4	<5.7	<5.6	<5.3	<5.8	<5.6
Methylcyclohexane	-	-		**52,000**	<6.0	<5.4 J	<7.6	<7.5	<6.0	<5.4	<5.7	<5.6	**1.9 J**	<5.8	<5.6
1,4-Dioxane	130,000	100		R	R	R	R	R	R	R	R	R	R	R	R
n-Butylbenzene	500,000	12,000		**22,000**	<6.0	<5.4 J	<7.6	<7.5	<6.0	<5.4	<5.7	<5.6	**3.8 J**	<5.8	<5.6
n-Propylbenzene	500,000	3,900		**47,000**	<6.0	<5.4 J	<7.6	<7.5	<6.0	<5.4	<5.7	<5.6	**0.44 J**	<5.8	<5.6
sec-Butylbenzene	500,000	11,000		<5,500	<6.0	<5.4 J	<7.6	<7.5	<6.0	<5.4	<5.7	<5.6	**1.1 J**	<5.8	<5.6
tert-Butylbenzene	500,000	5,900		<5,500	<6.0	<5.4 J	<7.6	<7.5	<6.0	<5.4	<5.7	<5.6	<5.3	<5.8	<5.6
1,2,4-Trimethylbenzene	190,000	3,600		**390,000**	<6.0	<5.4 J	<7.6	<7.5	<6.0	**1.1 J**	**1.5 J**	**1.1 J**	**6.7**	<5.8	<5.6
1,3,5-Trimethylbenzene	190,000	8,400		**170,000**	<6.0	<5.4 J	<7.6	<7.5	<6.0	<5.4	<5.7	<5.6	**5.3**	<5.8	<5.6

See footnotes on last page.

Table 5. Concentrations of Volatile Organic Compounds in Soil Samples Collected from Soil Borings and Compared to Restricted Use SCOs, Former Dangman Park MGP Site, Brooklyn, New York.

Compound (Units in ug/kg)	NYSDEC Subpart 375-6 Protection of Public Health Commercial Use SCO [1] (ug/kg)	NYSDEC Subpart 375-6 Protection of Groundwater SCO [1] (ug/kg)	Sample ID: / Sample Depth (ft bls): / Sample Date:	Dup103111 2 - 3 10/31/11 SB-13 (2-3') Duplicate	SB-13 (6-8') 6 - 8 10/31/11	SB-13 (50-52') 50 - 52 11/01/11	SB-13 (60-62') 60 - 62 11/2/11	SB-14 (2.5-3.5') 2.5 - 3.5 11/02/11	SB-14 (6-8') 6 - 8 11/02/11	SB-16 (2-3') 2 - 3 12/14/11	SB-16 (5-7') 5 - 7 12/14/11	SB-17 (2-3') 2 - 3 12/09/11	SB-17 (5-7') 5 - 7 12/12/11	SB-18 (2-3') 2 - 3 02/22/12	SB-18 (7-9') 7 - 9 02/22/12
Acetone	500,000	50		**7.5 J**	**33**	**16 J**	**5.6 J**	**4.4 J**	**6.9 J**	**11 J**	**11 J**	**15 J**	**7.4 J**	<25 B	R
Dichlorodifluoromethane	-	-		<5.4	<5.2	<5.8	<5.7	<5.1	<5.4	<5.2	<5.2	<6.0	<5.3	<5.0	R
Benzene	44,000	60		<5.4	<5.2	<5.8	<5.7	<5.1	<5.4	<5.2	<5.2	<6.0	<5.3	**0.40 J**	R
Bromodichloromethane	-	-		<5.4	<5.2	<5.8	<5.7	<5.1	<5.4	<5.2	<5.2	<6.0	<5.3	<5.0	R
Bromoform	-	-		<5.4	<5.2	<5.8	<5.7	<5.1	<5.4	<5.2	<5.2	<6.0	<5.3	<5.0	R
Bromomethane	-	-		<5.4	<5.2	<5.8	<5.7	<5.1	<5.4	<5.2	<5.2	<6.0	<5.3	<5.0	R
2-Butanone (MEK)	500,000	120		<27	<26 B	<29 B	<28	<26	<27	<26	<26	**2.4 J**	<26	<25	R
Trichlorofluoromethane	-	-		<5.4	<5.2	<5.8	<5.7	<5.1	<5.4	<5.2	<5.2	<6.0	<5.3	<5.0 J	R
Carbon disulfide	500,000 [2]	2,700 [2]		<5.4	<5.2	**3.1 J**	<5.7	<5.1	<5.4	<5.2 J	<5.2 J	<6.0	<5.3 J	<5.0 J	R
Carbon tetrachloride	22,000	760		<5.4	<5.2	<5.8	<5.7	<5.1	<5.4	<5.2	<5.2	<6.0	<5.3	<5.0	R
Chlorobenzene	500,000	1,100		<5.4	<5.2	<5.8	<5.7	<5.1 J	<5.4	<5.2	<5.2	<6.0	<5.3	<5.0	R
1,1,2-Trichloro-1,2,2-trifluoroethane	500,000 [2]	6,000 [2]		<5.4	<5.2	<5.8	<5.7	<5.1	<5.4	<5.2	<5.2	<6.0	<5.3	<5.0 J	R
Chloroethane	-	1,900 [2]		<5.4	<5.2	<5.8	<5.7	<5.1	<5.4	<5.2	<5.2	<6.0	<5.3	<5.0	R
Chloroform	350,000	370		<5.4	<5.2	<5.8	<5.7	<5.1	<5.4	<5.2	<5.2	<6.0	<5.3	<5.0	R
Chloromethane	-	-		<5.4	<5.2	<5.8	<5.7	<5.1	<5.4	<5.2	<5.2	<6.0	<5.3	<5.0	R
Dibromochloromethane	-	-		<5.4	<5.2	<5.8	<5.7	<5.1	<5.4	<5.2	<5.2	<6.0	<5.3	<5.0	R
1,1-Dichloroethane	240,000	270		<5.4	<5.2	<5.8	<5.7	<5.1	<5.4	<5.2	<5.2	<6.0	<5.3	<5.0	R
1,2-Dichloroethane	30,000	20		<5.4	<5.2	<5.8	<5.7	<5.1 J	<5.4	<5.2	<5.2	<6.0	<5.3	<5.0	R
1,1-Dichloroethene	500,000	330		<5.4	<5.2	<5.8	<5.7	<5.1	<5.4	<5.2	<5.2	<6.0	<5.3	<5.0	R
1,2-Dichloropropane	-	-		<5.4	<5.2	<5.8	<5.7	<5.1	<5.4	<5.2	<5.2	<6.0	<5.3	<5.0	R
cis-1,3-Dichloropropene	-	-		<5.4	<5.2	<5.8	<5.7	<5.1 J	<5.4	<5.2	<5.2	<6.0	<5.3	<5.0	R
Methyl acetate	-	-		<5.4	<5.2	<5.8	<5.7	<5.1	<5.4	<5.2	<5.2	<6.0	<5.3	<5.0	R
trans-1,3-Dichloropropene	-	-		<5.4	<5.2	<5.8	<5.7	<5.1	<5.4	<5.2	<5.2	<6.0	<5.3	<5.0	R
Ethylbenzene	390,000	1,000		<5.4	<5.2	<5.8	<5.7	<5.1 J	<5.4	<5.2	<5.2	<6.0	<5.3	<5.0	R
2-Hexanone	-	-		<27	<26	<29	<28	<26	<27	<26 J	<26 J	<30	<26 J	<25	R
Methylene Chloride	500,000	50		<7.5 B	<5.2 B	<5.8	<5.7	<5.1	<5.4	<5.2 B	<5.2	<6.0	<5.3 B	<20 B	R
4-Methyl-2-pentanone (MIBK)	-	1,000 [2]		<27	<26	<29	<28	<26	<27	<26	<26	<30	<26	<25	R
Styrene	-	-		<5.4	<5.2	<5.8	<5.7	<5.1	<5.4	<5.2	<5.2	<6.0	<5.3	<5.0	R
1,1,2,2-Tetrachloroethane	-	600 [2]		<5.4	<5.2	<5.8	<5.7	<5.1	<5.4	<5.2	<5.2	<6.0	<5.3	<5.0	R
Tetrachloroethene	150,000	1,300		<5.4	<5.2	<5.8	<5.7	<5.1 J	<5.4	<5.2	<5.2	<6.0	<5.3	<5.0	R
Toluene	500,000	700		<5.4	<5.2	<5.8	<5.7	<5.1 J	<5.4	<5.2	<5.2	<6.0	<5.3	**0.42 J**	R
1,1,1-Trichloroethane	500,000	680		<5.4	<5.2	<5.8	<5.7	<5.1	<5.4	<5.2	<5.2	<6.0	<5.3	<5.0	R
1,1,2-Trichloroethane	-	-		<5.4	<5.2	<5.8	<5.7	<5.1	<5.4	<5.2	<5.2	<6.0	<5.3	<5.0	R
Trichloroethene	200,000	470		<5.4	<5.2	<5.8	<5.7	<5.1 J	<5.4	<5.2	<5.2	<6.0	<5.3	<5.0	R
Vinyl chloride	13,000	20		<5.4	<5.2	<5.8	<5.7	<5.1	<5.4	<5.2	<5.2	<6.0	<5.3	<5.0	R
Xylenes, Total	500,000	1,600		<11	<10	<12	<11	<10	<11	<10	<10	<12	<11	**0.78 J**	R
cis-1,2-Dichloroethene	500,000	250		<5.4	<5.2	<5.8	<5.7	<5.1	<5.4	<5.2	<5.2	<6.0	<5.3	<5.0	R
Cyclohexane	-	-		<5.4	<5.2	<5.8	<5.7	<5.1	<5.4	<5.2	<5.2	<6.0	<5.3	<5.0 J	R
trans-1,2-Dichloroethene	500,000	190		<5.4	<5.2	<5.8	<5.7	<5.1 J	<5.4	<5.2	<5.2	<6.0	<5.3	<5.0	R
Isopropylbenzene	500,000 [2]	2,300 [2]		<5.4	<5.2	<5.8	<5.7	<5.1	<5.4	<5.2	<5.2	<6.0	<5.3	<5.0	**6.0 J**
1,3-Dichlorobenzene	280,000	2,400		<5.4	<5.2	<5.8	<5.7	<5.1	<5.4	<5.2	<5.2	<6.0	<5.3	<5.0	R
1,4-Dichlorobenzene	130,000	1,800		<5.4	<5.2	<5.8	<5.7	<5.1	<5.4	<5.2	<5.2	<6.0	<5.3	<5.0	R
1,2-Dichlorobenzene	500,000	1,100		<5.4	<5.2	<5.8	<5.7	<5.1 J	<5.4	<5.2	<5.2	<6.0	<5.3	<5.0	R
1,2-Dibromo-3-Chloropropane	-	-		<5.4 J	<5.2 J	<5.8 J	<5.7 J	<5.1 J	<5.4 J	<5.2	<5.2	<6.0	<5.3	<10	R
1,2,4-Trichlorobenzene	-	3,400 [2]		<5.4	<5.2	<5.8	<5.7	<5.1	<5.4	<5.2	<5.2	<6.0	<5.3	<5.0	R
1,2-Dibromoethane	-	-		<5.4	<5.2	<5.8	<5.7	<5.1	<5.4	<5.2	<5.2	<6.0	<5.3	<5.0	R
Methyl tert-butyl ether	500,000	930		<5.4	<5.2	<5.8	<5.7	<5.1	<5.4	<5.2	<5.2	<6.0	<5.3	<5.0	R
Methylcyclohexane	-	-		<5.4	<5.2	<5.8	<5.7	<5.1	<5.4	<5.2	<5.2	<6.0	<5.3	<5.0 J	R
1,4-Dioxane	130,000	100		R	R	R	R	R	R	R	R	R	R	R	R
n-Butylbenzene	500,000	12,000		<5.4	<5.2	<5.8	<5.7	<5.1	<5.4	<5.2	<5.2	<6.0	<5.3	<5.0 J	R
n-Propylbenzene	500,000	3,900		<5.4	<5.2	<5.8	<5.7	<5.1	<5.4	<5.2	<5.2	<6.0	<5.3	<5.0	**6.1 J**
sec-Butylbenzene	500,000	11,000		<5.4	<5.2	<5.8	<5.7	<5.1	<5.4	<5.2	<5.2	<6.0	<5.3	<5.0	**12 J**
tert-Butylbenzene	500,000	5,900		<5.4	<5.2	<5.8	<5.7	<5.1	<5.4	<5.2	<5.2	<6.0	<5.3	<5.0	R
1,2,4-Trimethylbenzene	190,000	3,600		<5.4	<5.2	<5.8	<5.7	<5.1 J	<5.4	<5.2	<5.2	<6.0	<5.3	**0.25 J**	R
1,3,5-Trimethylbenzene	190,000	8,400		<5.4	<5.2	<5.8	<5.7	<5.1	<5.4	<5.2	<5.2	<6.0	<5.3	<5.0	R

See footnotes on last page.

Table 5. Concentrations of Volatile Organic Compounds in Soil Samples Collected from Soil Borings and Compared to Restricted Use SCOs, Former Dangman Park MGP Site, Brooklyn, New York.

Compound (Units in ug/kg)	NYSDEC Subpart 375-6 Protection of Public Health Commercial Use SCO [1] (ug/kg)	NYSDEC Subpart 375-6 Protection of Groundwater SCO [1] (ug/kg)	Sample ID: / Sample Depth (ft bls): / Sample Date:	SB-18 (20-22') 20 - 22 02/22/12	SB-18 (52-54') 52 - 54 02/22/12	SB-19 (2-3') 2 - 3 12/15/11	SB-19 (10-11') 10 - 11 12/15/11	SB-20 (2-3') 2 - 3 03/01/12	SB-20 (6-8') 6 - 8 03/01/12	DUP030112 6 - 8 03/01/12 SB-20 (6-8') Duplicate	SB-21 (2-3') 2 - 3 12/16/11	SB-21 (12-13') 12 - 13 12/16/11	SB-22 (2-3') 2 - 3 12/19/11	SB-22 (5-7') 5 - 7 01/19/12	SB-22 (33-34') 33 - 34 01/19/12
Acetone	500,000	50		<28 B	<28 B	**49**	**28**	<24 B	<33 B	<28 B	**5.1 J**	**20 J**	**6.2 J**	<26 B	<41,000
Dichlorodifluoromethane	-	-		<5.5	<5.5	<5.4	<5.5	<4.8	<5.2	<5.2	<5.3	<5.2	<4.5	<5.2	<8,300
Benzene	44,000	60		<5.5	<5.5	<5.4	<5.5	<4.8	<5.2	<5.2	<5.3	<5.2	**1.0 J**	**0.89 J**	<8,300
Bromodichloromethane	-	-		<5.5	<5.5	<5.4	<5.5	<4.8	<5.2	<5.2	<5.3	<5.2	<4.5	<5.2	<8,300
Bromoform	-	-		<5.5	<5.5	<5.4	<5.5	<4.8	<5.2	<5.2	<5.3	<5.2	<4.5	<5.2	<8,300
Bromomethane	-	-		<5.5	<5.5	<5.4	<5.5	<4.8 J	<5.2 J	<5.2 J	<5.3	<5.2	<4.5	<5.2	<8,300
2-Butanone (MEK)	500,000	120		<28	<28	<27	<28	<24	**5.0 J**	**3.8 J**	<26	<26	<23	<26	<41,000
Trichlorofluoromethane	-	-		<5.5 J	<5.5 J	<5.4	<5.5	<4.8	<5.2	<5.2	<5.3	<5.2	<4.5	<5.2	<8,300
Carbon disulfide	500,000 [2]	2,700 [2]		**2.1 J**	<5.5 J	**0.71 J**	**0.54 J**	<4.8	**0.34 J**	**0.26 J**	<5.3 J	**2.1 J**	<4.5 J	**1.7 J**	<8,300
Carbon tetrachloride	22,000	760		<5.5	<5.5	<5.4	<5.5	<4.8	<5.2	<5.2	<5.3	<5.2	<4.5	<5.2	<8,300
Chlorobenzene	500,000	1,100		<5.5	<5.5	<5.4	<5.5	<4.8	<5.2	<5.2	<5.3	<5.2	<4.5	<5.2	<8,300
1,1,2-Trichloro-1,2,2-trifluoroethane	500,000 [2]	6,000 [2]		<5.5 J	<5.5 J	<5.4	<5.5	<4.8	<5.2	<5.2	<5.3	<5.2	<4.5	<5.2	<8,300
Chloroethane	-	1,900 [2]		<5.5	<5.5	<5.4	<5.5	<4.8 J	<5.2 J	<5.2 J	<5.3	<5.2	<4.5	<5.2	<8,300
Chloroform	350,000	370		<5.5	<5.5 B	<5.4	<5.5	<4.8	<5.2	<5.2	<5.3	<5.2	<4.5	<5.2	<8,300
Chloromethane	-	-		<5.5	<5.5	<5.4	<5.5	<4.8	<5.2	<5.2	<5.3	<5.2	<4.5	<5.2	<8,300
Dibromochloromethane	-	-		<5.5	<5.5	<5.4	<5.5	<4.8	<5.2	<5.2	<5.3	<5.2	<4.5	<5.2	<8,300
1,1-Dichloroethane	240,000	270		<5.5	<5.5	<5.4	<5.5	<4.8	<5.2	<5.2	<5.3	<5.2	<4.5	<5.2	<8,300
1,2-Dichloroethane	30,000	20		<5.5	<5.5	<5.4	<5.5	<4.8	<5.2	<5.2	<5.3	<5.2	<4.5	<5.2	<8,300
1,1-Dichloroethene	500,000	330		<5.5	**0.51 J**	<5.4	<5.5	<4.8	<5.2	<5.2	<5.3	<5.2	<4.5	<5.2	<8,300
1,2-Dichloropropane	-	-		<5.5	<5.5	<5.4	<5.5	<4.8	<5.2	<5.2	<5.3	<5.2	<4.5	<5.2	<8,300
cis-1,3-Dichloropropene	-	-		<5.5	<5.5	<5.4	<5.5	<4.8	<5.2	<5.2	<5.3	<5.2	<4.5	<5.2	<8,300
Methyl acetate	-	-		<5.5	<5.5	<5.4	<5.5	<4.8	<5.2	<5.2	<5.3	<5.2	<4.5	<5.2	<8,300
trans-1,3-Dichloropropene	-	-		<5.5	<5.5	<5.4	<5.5	<4.8	<5.2	<5.2	<5.3	<5.2	<4.5	<5.2	<8,300
Ethylbenzene	390,000	1,000		<5.5	<5.5	<5.4	<5.5	<4.8	<5.2	<5.2	<5.3	<5.2	<4.5	<5.2	**230,000**
2-Hexanone	-	-		<28	<28	<27 J	<28 J	<24 J	<26 J	<26 J	<26 J	<26 J	<23 J	<26	<41,000
Methylene Chloride	500,000	50		<22 B	<22 B	<5.4 B	<5.5 B	<19 B	<21 B	<21 B	<5.3 B	<5.2 B	<4.5 B	<21 B	<8,300
4-Methyl-2-pentanone (MIBK)	-	1,000 [2]		<28	<28	<27	<28	<24	<26	<26	<26	<26	<23	<26	<41,000
Styrene	-	-		<5.5	<5.5	<5.4	<5.5	<4.8	<5.2	<5.2	<5.3	<5.2	<4.5	<5.2	<8,300
1,1,2,2-Tetrachloroethane	-	600 [2]		<5.5	<5.5	<5.4	<5.5	<4.8	<5.2	<5.2	<5.3	<5.2	<4.5	<5.2	<8,300
Tetrachloroethene	150,000	1,300		<5.5	<5.5	<5.4	<5.5	<4.8	<5.2	<5.2	<5.3	<5.2	<4.5	<5.2	<8,300
Toluene	500,000	700		<5.5	<5.5	<5.4	<5.5	<4.8	<5.2	<5.2	<5.3	<5.2	<4.5	<5.2	**1,200 J**
1,1,1-Trichloroethane	500,000	680		<5.5	<5.5	<5.4	<5.5	<4.8	<5.2	<5.2	<5.3	<5.2	<4.5	<5.2	<8,300
1,1,2-Trichloroethane	-	-		<5.5	<5.5	<5.4	<5.5	<4.8	<5.2	<5.2	<5.3	<5.2	<4.5	<5.2	<8,300
Trichloroethene	200,000	470		<5.5	<5.5	<5.4	<5.5	<4.8	<5.2	<5.2	<5.3	<5.2	<4.5	<5.2	<8,300
Vinyl chloride	13,000	20		<5.5	<5.5	<5.4	<5.5	<4.8	<5.2	<5.2	<5.3	<5.2	<4.5	<5.2	<8,300
Xylenes, Total	500,000	1,600		<11	<11	<11	<11	<9.6	<10	<10	<11	<10	<9.1	<10	**130,000**
cis-1,2-Dichloroethene	500,000	250		<5.5	<5.5	<5.4	<5.5	<4.8	<5.2	<5.2	<5.3	<5.2	<4.5	<5.2	<8,300
Cyclohexane	-	-		<5.5 J	<5.5 J	<5.4	<5.5	<4.8	<5.2	<5.2	<5.3	<5.2	<4.5	<5.2	**4,600 J**
trans-1,2-Dichloroethene	500,000	190		<5.5	<5.5	<5.4	<5.5	<4.8	<5.2	<5.2	<5.3	<5.2	<4.5	<5.2	<8,300
Isopropylbenzene	500,000 [2]	2,300 [2]		**3.1 J**	<5.5	<5.4	<5.5	<4.8	<5.2	<5.2	<5.3	<5.2	<4.5	<5.2	**33,000**
1,3-Dichlorobenzene	280,000	2,400		<5.5	<5.5	<5.4	<5.5	<4.8	<5.2	<5.2	<5.3	<5.2	<4.5	<5.2	<8,300
1,4-Dichlorobenzene	130,000	1,800		<5.5	<5.5	<5.4	<5.5	<4.8	<5.2	<5.2	<5.3	<5.2	<4.5	<5.2	<8,300
1,2-Dichlorobenzene	500,000	1,100		<5.5	<5.5	<5.4	<5.5	<4.8	<5.2	<5.2	<5.3	<5.2	<4.5	<5.2	<8,300
1,2-Dibromo-3-Chloropropane	-	-		<11	<11	<5.4	<5.5	<9.6 J	<10 J	<10 J	<5.3	<5.2	<4.5	<10	<8,300
1,2,4-Trichlorobenzene	-	3,400 [2]		<5.5	<5.5	<5.4	<5.5	<4.8	<5.2	<5.2	<5.3	<5.2	<4.5	<5.2	<8,300
1,2-Dibromoethane	-	-		<5.5	<5.5	<5.4	<5.5	<4.8	<5.2	<5.2	<5.3	<5.2	<4.5	<5.2	<8,300
Methyl tert-butyl ether	500,000	930		<5.5	<5.5	<5.4	<5.5	<4.8	<5.2	<5.2	<5.3	<5.2	<4.5	<5.2	<8,300
Methylcyclohexane	-	-		**3.3 J**	<5.5 J	<5.4	<5.5	<4.8	<5.2	<5.2	<5.3	<5.2	<4.5	**0.47 J**	**12,000**
1,4-Dioxane	130,000	100		R	R	R	R	R	R	<210	R	R	R	R	R
n-Butylbenzene	500,000	12,000		**8.8**	<5.5 J	<5.4	<5.5	<4.8	<5.2	<5.2	<5.3	<5.2	<4.5	<5.2	<8,300
n-Propylbenzene	500,000	3,900		**1.4 J**	<5.5	<5.4	<5.5	<4.8	<5.2	<5.2	<5.3	<5.2	<4.5	<5.2	**26,000**
sec-Butylbenzene	500,000	11,000		**16**	<5.5	<5.4	**1.2 J**	<4.8	<5.2	<5.2	<5.3	<5.2	<4.5	<5.2	<8,300
tert-Butylbenzene	500,000	5,900		<5.5	<5.5	<5.4	<5.5	<4.8	<5.2	<5.2	<5.3	<5.2	<4.5	<5.2	<8,300
1,2,4-Trimethylbenzene	190,000	3,600		<5.5	<5.5	<5.4	<5.5	<4.8	<5.2	<5.2	<5.3	<5.2	<4.5	<5.2	**100,000**
1,3,5-Trimethylbenzene	190,000	8,400		<5.5	<5.5	<5.4	<5.5	<4.8	<5.2	<5.2	<5.3	<5.2	<4.5	<5.2	**65,000**

See footnotes on last page.

Table 5. Concentrations of Volatile Organic Compounds in Soil Samples Collected from Soil Borings and Compared to Restricted Use SCOs, Former Dangman Park MGP Site, Brooklyn, New York.

Compound (Units in ug/kg)	NYSDEC Subpart 375-6 Protection of Public Health Commercial Use SCO [1] (ug/kg)	NYSDEC Subpart 375-6 Protection of Groundwater SCO [1] (ug/kg)	Sample ID: / Sample Depth (ft bls): / Sample Date:	SB-22 (58-60') 58 - 60 01/19/12	SB-23 (5-7') 5 - 7 02/28/12	SB-24 (5-7') 5 - 7 02/29/12	MW-13 (77-79') 77 - 79 02/23/12	MW-13 (90-92') 90 - 92 02/24/12	MW-14 (82-84') 82 - 84 02/13/12	MW-14 (108-110') 108 - 110 02/14/12	MW-17 (7-9') 7 - 9 02/15/12	MW-17 (25-27') 25 - 27 02/15/12	MW-17 (103-105') 103 - 105 02/16/12	MW-17 (113-115') 113 - 115 02/16/12	MW-18 (82-84') 82 - 84 02/15/12
Acetone	500,000	50		<27 B	<31 B	**41 J**	**52**	**250**	**220**	**120 J**	**110 J**	**43 J**	**9.2 J**	**160**	**63**
Dichlorodifluoromethane	-	-		<5.3	<6.2	<5.3	<5.6	<6.0	<6.2	<5.0	<4.8	<5.8	<5.6	<5.7	<5.5
Benzene	44,000	60		<5.3	<6.2	<5.3	<5.6	<6.0	**2.8 J**	<5.0	**0.48 J**	<5.8	<5.6	<5.7	<5.5
Bromodichloromethane	-	-		<5.3	<6.2	<5.3	<5.6	<6.0	<6.2 J	<5.0	<4.8	<5.8	<5.6 J	<5.7 J	<5.5 J
Bromoform	-	-		<5.3	<6.2	<5.3	<5.6	<6.0	<6.2	<5.0	<4.8	<5.8	<5.6	<5.7	<5.5
Bromomethane	-	-		<5.3	<6.2 J	<5.3 J	<5.6	<6.0	<6.2	<5.0 J	<4.8 J	<5.8 J	<5.6	<5.7	<5.5
2-Butanone (MEK)	500,000	120		<27	<31	**7.4 J**	**1.8 J**	**6.5 J**	**11 J**	**5.1 J**	**7.8 J**	**3.6 J**	<28	**8.7 J**	**3.1 J**
Trichlorofluoromethane	-	-		<5.3	<6.2	<5.3	<5.6 J	<6.0 J	<6.2	<5.0 J	<4.8 J	<5.8 J	<5.6	<5.7	<5.5
Carbon disulfide	500,000 [2]	2,700 [2]		<5.3	**0.58 J**	**0.84 J**	<5.6	<6.0	<6.2	<5.0	**2.5 J**	**2.1 J**	<5.6	<5.7	<5.5
Carbon tetrachloride	22,000	760		<5.3	<6.2	<5.3	<5.6	<6.0	<6.2	<5.0	<4.8	<5.8	<5.6	<5.7	<5.5
Chlorobenzene	500,000	1,100		<5.3	<6.2	<5.3	<5.6	<6.0	<6.2	<5.0	<4.8	<5.8	<5.6	<5.7	<5.5
1,1,2-Trichloro-1,2,2-trifluoroethane	500,000 [2]	6,000 [2]		<5.3	<6.2	<5.3	<5.6 J	<6.0 J	<6.2	<5.0	<4.8	<5.8	<5.6	<5.7	<5.5
Chloroethane	-	1,900 [2]		<5.3	<6.2 J	<5.3 J	<5.6	<6.0	<6.2	<5.0 J	<4.8 J	<5.8 J	<5.6	<5.7	<5.5
Chloroform	350,000	370		<5.3	<6.2	<5.3	<5.6	<6.0	<6.2	<5.0	<4.8	<5.8	<5.6	<5.7	<5.5
Chloromethane	-	-		<5.3	<6.2	<5.3	<5.6 J	<6.0 J	<6.2	<5.0	<4.8	<5.8	<5.6	<5.7	<5.5
Dibromochloromethane	-	-		<5.3	<6.2	<5.3	<5.6	<6.0	<6.2	<5.0	<4.8	<5.8	<5.6	<5.7	<5.5
1,1-Dichloroethane	240,000	270		<5.3	<6.2	<5.3	<5.6	<6.0	<6.2	<5.0	<4.8	<5.8	<5.6	<5.7	<5.5
1,2-Dichloroethane	30,000	20		<5.3	<6.2	<5.3	<5.6	**0.44 J**	<6.2	<5.0	<4.8	<5.8	<5.6	<5.7	<5.5
1,1-Dichloroethene	500,000	330		<5.3	<6.2	<5.3	<5.6	<6.0	<6.2	<5.0	<4.8	<5.8	<5.6	<5.7	<5.5
1,2-Dichloropropane	-	-		<5.3	<6.2	<5.3	<5.6	<6.0	<6.2	<5.0	<4.8	<5.8	<5.6	<5.7	<5.5
cis-1,3-Dichloropropene	-	-		<5.3	<6.2	<5.3	<5.6	<6.0	<6.2	<5.0	<4.8	<5.8	<5.6	<5.7	<5.5
Methyl acetate	-	-		<5.3	<6.2	<5.3	<5.6	**1.8 J**	<6.2	<5.0	<4.8	<5.8	<5.6	**2.2 J**	<5.5
trans-1,3-Dichloropropene	-	-		<5.3	<6.2	<5.3	<5.6	<6.0	<6.2	<5.0	<4.8	<5.8	<5.6	<5.7	<5.5
Ethylbenzene	390,000	1,000		<5.3	<6.2	<5.3	**1.6 J**	<6.0	**14**	<5.0	**5.0**	<5.8	**0.96 J**	<5.7	**0.91 J**
2-Hexanone	-	-		<27	<31 J	<27 J	<28	<30	<31	<25	<24	<29	<28	<28	<27
Methylene Chloride	500,000	50		**7.3 J**	<25 B	<21 B	<23 B	**27**	**33**	**28**	**22**	<23 B	<23 B	**26**	**25**
4-Methyl-2-pentanone (MIBK)	-	1,000 [2]		<27	<31	<27	<28	<30	<31	<25	<24	<29	<28	<28	<27
Styrene	-	-		<5.3	<6.2	<5.3	<5.6	<6.0	**26**	<5.0	<4.8	<5.8	**16**	<5.7	<5.5
1,1,2,2-Tetrachloroethane	-	600 [2]		<5.3	<6.2	<5.3	<5.6	<6.0	<6.2	<5.0	<4.8	<5.8	<5.6	<5.7	<5.5
Tetrachloroethene	150,000	1,300		<5.3	<6.2	<5.3	<5.6	<6.0	<6.2	<5.0	<4.8	<5.8	<5.6	<5.7	<5.5
Toluene	500,000	700		<5.3	<6.2	<5.3	**0.94 JB**	**1.3 J**	**27**	**0.73 J**	**3.4 J**	**0.34 J**	**3.3 J**	**0.73 J**	**0.82 J**
1,1,1-Trichloroethane	500,000	680		<5.3	<6.2	<5.3	<5.6	<6.0	<6.2	<5.0	<4.8	<5.8	<5.6	<5.7	<5.5
1,1,2-Trichloroethane	-	-		<5.3	<6.2	<5.3	<5.6	<6.0	<6.2	<5.0	<4.8	<5.8	<5.6	<5.7	<5.5
Trichloroethene	200,000	470		<5.3	<6.2	<5.3	<5.6	<6.0	<6.2	<5.0	<4.8	<5.8	<5.6	<5.7	<5.5
Vinyl chloride	13,000	20		<5.3	<6.2	<5.3	<5.6	<6.0	<6.2	<5.0	<4.8	<5.8	<5.6	<5.7	<5.5
Xylenes, Total	500,000	1,600		<11	<12	<11	<11	<12	**23**	<9.9	**9.4 J**	<12	**4.7 J**	<11	**1.1 J**
cis-1,2-Dichloroethene	500,000	250		<5.3	<6.2	<5.3	<5.6	<6.0	<6.2	<5.0	<4.8	<5.8	<5.6	<5.7	<5.5
Cyclohexane	-	-		<5.3	<6.2	<5.3	<5.6	<6.0	<6.2	<5.0	<4.8	<5.8	<5.6	<5.7	<5.5
trans-1,2-Dichloroethene	500,000	190		<5.3	<6.2	<5.3	<5.6	<6.0	<6.2	<5.0	<4.8	<5.8	<5.6	<5.7	<5.5
Isopropylbenzene	500,000 [2]	2,300 [2]		<5.3	<6.2	<5.3	<5.6	<6.0	<6.2	<5.0	**3.0 J**	<5.8	<5.6	<5.7	<5.5
1,3-Dichlorobenzene	280,000	2,400		<5.3	<6.2	<5.3	<5.6	<6.0	<6.2	<5.0	<4.8	<5.8	<5.6	<5.7	<5.5
1,4-Dichlorobenzene	130,000	1,800		<5.3	<6.2	<5.3	<5.6	<6.0	<6.2	<5.0	<4.8	<5.8	<5.6	<5.7	<5.5
1,2-Dichlorobenzene	500,000	1,100		<5.3	<6.2	<5.3	<5.6	<6.0	<6.2	<5.0	<4.8	<5.8	<5.6	<5.7	<5.5
1,2-Dibromo-3-Chloropropane	-	-		<11	<12 J	<11 J	<11	<12	<12	<9.9	<9.5	<12	<11	<11	<11
1,2,4-Trichlorobenzene	-	3,400 [2]		<5.3	<6.2	<5.3	<5.6	<6.0	<6.2	<5.0	<4.8	<5.8	<5.6	<5.7	<5.5
1,2-Dibromoethane	-	-		<5.3	<6.2	<5.3	<5.6	<6.0	<6.2	<5.0	<4.8	<5.8	<5.6	<5.7	<5.5
Methyl tert-butyl ether	500,000	930		<5.3	<6.2	<5.3 J	<5.6	<6.0	<6.2	<5.0	<4.8	<5.8	<5.6	<5.7	<5.5
Methylcyclohexane	-	-		<5.3	<6.2	<5.3	<5.6	<6.0	**0.39 J**	<5.0	**12**	<5.8	<5.6	<5.7	<5.5
1,4-Dioxane	130,000	100		R	R	R	R	R	R	R	R	R	R	R	R
n-Butylbenzene	500,000	12,000		<5.3	<6.2	<5.3	<5.6	<6.0	<6.2	<5.0	<4.8	<5.8	<5.6	<5.7	<5.5
n-Propylbenzene	500,000	3,900		<5.3	<6.2	<5.3	<5.6	<6.0	**0.47 J**	<5.0	<4.8	<5.8	<5.6	<5.7	<5.5
sec-Butylbenzene	500,000	11,000		<5.3	<6.2	<5.3	<5.6	<6.0	<6.2	<5.0	<4.8	<5.8	<5.6	<5.7	<5.5
tert-Butylbenzene	500,000	5,900		<5.3	<6.2	<5.3	<5.6	<6.0	<6.2	<5.0	<4.8	<5.8	<5.6	<5.7	<5.5
1,2,4-Trimethylbenzene	190,000	3,600		**0.28 J**	<6.2	<5.3	<5.6	<6.0	**5.1 J**	<5.0	**39**	**0.30 J**	**1.0 J**	<5.7	<5.5
1,3,5-Trimethylbenzene	190,000	8,400		<5.3	<6.2	<5.3	<5.6	<6.0	**1.8 J**	<5.0	**37**	**0.21 J**	**0.27 J**	<5.7	<5.5

See footnotes on last page.

Table 5. Concentrations of Volatile Organic Compounds in Soil Samples Collected from Soil Borings and Compared to Restricted Use SCOs, Former Dangman Park MGP Site, Brooklyn, New York.

Compound (Units in ug/kg)	NYSDEC Subpart 375-6 Protection of Public Health Commercial Use SCO [1] (ug/kg)	NYSDEC Subpart 375-6 Protection of Groundwater SCO [1] (ug/kg)	Sample ID: / Sample Depth (ft bls): / Sample Date:	MW-18 (97-99') 97 - 99 02/15/12	MW-19 (2-3') 2 - 3 02/20/12	MW-19 (5-7') 5 - 7 02/20/12	MW-19 (67-69') 67 - 69 02/20/12	MW-19 (77-79') 77 - 79 02/21/12	MW-20 (80-82') 80 - 82 11/21/13	MW-20 (85-86') 85 - 86 11/21/13	DUP112113 85 - 86 11/21/13 MW-20 (85-86') Duplicate	MW-20 (90-92') 90 - 92 11/21/13
Acetone	500,000	50		**64**	**110 J**	**83 J**	**21 J**	<30 BJ	<32 B	<33 B	<34 B	<35 B
Dichlorodifluoromethane	-	-		<6.6	<5.3	<5.3	<6.3	<6.0	<6.3 J	<6.6 J	<6.9 J	<7.0 J
Benzene	44,000	60		<6.6	<5.3	**0.20 J**	**0.62 J**	<6.0	**0.47 J**	**0.24 J**	**0.77 J**	**1.1 J**
Bromodichloromethane	-	-		<6.6 J	<5.3	<5.3	<6.3	<6.0	<6.3	<6.6	<6.9	<7.0
Bromoform	-	-		<6.6	<5.3	<5.3	<6.3 J	<6.0	<6.3	<6.6	<6.9	<7.0
Bromomethane	-	-		<6.6	<5.3	<5.3	<6.3	<6.0	<6.3	<6.6	<6.9	<7.0
2-Butanone (MEK)	500,000	120		**2.7 J**	**10 J**	**8.0 J**	<31	<30	<32	<33	<34	R
Trichlorofluoromethane	-	-		<6.6	<5.3 J	<5.3 J	<6.3 J	<6.0 J	<6.3	<6.6	<6.9	<7.0
Carbon disulfide	500,000 [2]	2,700 [2]		<6.6	**1.7 J**	**1.4 J**	**2.3 J**	**0.76 J**	<6.3	<6.6	<6.9	<7.0
Carbon tetrachloride	22,000	760		<6.6	<5.3	<5.3	<6.3	<6.0	<6.3	<6.6	<6.9	<7.0
Chlorobenzene	500,000	1,100		<6.6	<5.3	<5.3	<6.3	<6.0	<6.3	<6.6	<6.9	<7.0
1,1,2-Trichloro-1,2,2-trifluoroethane	500,000 [2]	6,000 [2]		<6.6	<5.3	<5.3	<6.3	<6.0	<6.3	<6.6	<6.9	<7.0
Chloroethane	-	1,900 [2]		<6.6	<5.3	<5.3	<6.3	<6.0	<6.3	<6.6	<6.9	<7.0
Chloroform	350,000	370		<6.6 B	<5.3	<5.3	<6.3 B	<6.0 B	<6.3	<6.6 B	<6.9 B	<7.0 B
Chloromethane	-	-		<6.6	<5.3	<5.3	<6.3	<6.0	**2.0 J**	<6.6	<6.9	<7.0
Dibromochloromethane	-	-		<6.6	<5.3	<5.3	<6.3	<6.0	<6.3	<6.6	<6.9	<7.0
1,1-Dichloroethane	240,000	270		<6.6	<5.3	<5.3	<6.3	<6.0	<6.3	<6.6	<6.9	<7.0
1,2-Dichloroethane	30,000	20		<6.6	<5.3	<5.3	<6.3	<6.0	<6.3	<6.6	<6.9	<7.0
1,1-Dichloroethene	500,000	330		<6.6	<5.3	<5.3	<6.3	<6.0	<6.3	<6.6	<6.9	<7.0
1,2-Dichloropropane	-	-		<6.6	<5.3	<5.3	<6.3	<6.0	<6.3	<6.6	<6.9	<7.0
cis-1,3-Dichloropropene	-	-		<6.6	<5.3	<5.3	<6.3	<6.0	<6.3	<6.6	<6.9	<7.0
Methyl acetate	-	-		<6.6	<5.3	<5.3	<6.3	<6.0	<6.3	<6.6	<6.9	<7.0
trans-1,3-Dichloropropene	-	-		<6.6	<5.3	<5.3	<6.3	<6.0	<6.3	<6.6	<6.9	<7.0
Ethylbenzene	390,000	1,000		<6.6	<5.3	<5.3	**37**	<6.0	<6.3	<6.6	<6.9	<7.0
2-Hexanone	-	-		<33	<26	<26	<31	<30	<32	<33	<34	<35
Methylene Chloride	500,000	50		**27**	<21 B	<21 B	<25 B	<24 B	<25 B	<26 B	<28 B	<28 B
4-Methyl-2-pentanone (MIBK)	-	1,000 [2]		<33	<26	<26	<31	<30	<32	<33	<34	<35
Styrene	-	-		<6.6	<5.3	<5.3	**7.2**	<6.0	<6.3	<6.6	<6.9	<7.0
1,1,2,2-Tetrachloroethane	-	600 [2]		<6.6	<5.3	<5.3	<6.3	<6.0	<6.3	<6.6	<6.9	<7.0
Tetrachloroethene	150,000	1,300		<6.6	<5.3	<5.3	<6.3	<6.0	<6.3	<6.6	<6.9	<7.0
Toluene	500,000	700		**0.75 J**	**0.32 J**	**0.23 J**	**6.1 J**	<6.0	**0.66 J**	**0.43 J**	**0.53 J**	**0.45 J**
1,1,1-Trichloroethane	500,000	680		<6.6	<5.3	<5.3	<6.3	<6.0	<6.3	<6.6	<6.9	<7.0
1,1,2-Trichloroethane	-	-		<6.6	<5.3	<5.3	<6.3	<6.0	<6.3	<6.6	<6.9	<7.0
Trichloroethene	200,000	470		<6.6	<5.3	<5.3	<6.3	<6.0	<6.3	<6.6	<6.9	<7.0
Vinyl chloride	13,000	20		<6.6	<5.3	<5.3	<6.3	<6.0	<6.3	<6.6	<6.9	<7.0
Xylenes, Total	500,000	1,600		<13	<11	<11	**13**	<12	<13	<13	<14	<14
cis-1,2-Dichloroethene	500,000	250		<6.6	<5.3	<5.3	<6.3	<6.0	<6.3	<6.6	<6.9	<7.0
Cyclohexane	-	-		<6.6	<5.3	<5.3	<6.3	<6.0	<6.3	<6.6	<6.9	<7.0
trans-1,2-Dichloroethene	500,000	190		<6.6	<5.3	<5.3	<6.3	<6.0	<6.3	<6.6	<6.9	<7.0
Isopropylbenzene	500,000 [2]	2,300 [2]		<6.6	<5.3	<5.3	**0.47 J**	<6.0	<6.3	<6.6	<6.9	<7.0
1,3-Dichlorobenzene	280,000	2,400		<6.6	<5.3	<5.3	<6.3	<6.0	<6.3	<6.6	<6.9	<7.0
1,4-Dichlorobenzene	130,000	1,800		<6.6	<5.3	<5.3	<6.3	<6.0	<6.3	<6.6	<6.9	<7.0
1,2-Dichlorobenzene	500,000	1,100		<6.6	<5.3	<5.3	<6.3	<6.0	<6.3	<6.6	<6.9	<7.0
1,2-Dibromo-3-Chloropropane	-	-		<13	<11	<11	<13 J	<12	<13	<13	<14	<14
1,2,4-Trichlorobenzene	-	3,400 [2]		<6.6	<5.3	<5.3	<6.3	<6.0	<6.3	<6.6	<6.9	<7.0 J
1,2-Dibromoethane	-	-		<6.6	<5.3	<5.3	<6.3	<6.0	<6.3	<6.6	<6.9	<7.0
Methyl tert-butyl ether	500,000	930		<6.6	<5.3	<5.3	<6.3	<6.0	<6.3	<6.6	<6.9	<7.0
Methylcyclohexane	-	-		<6.6	<5.3	<5.3	**0.32 J**	<6.0	<6.3	<6.6	<6.9	<7.0
1,4-Dioxane	130,000	100		R	R	R	R	R	<250 J	<260 J	<280 J	<280 J
n-Butylbenzene	500,000	12,000		<6.6	<5.3	<5.3	<6.3	<6.0	<6.3	<6.6	<6.9	<7.0 J
n-Propylbenzene	500,000	3,900		<6.6	<5.3	<5.3	**0.89 J**	<6.0	<6.3	<6.6	<6.9	<7.0
sec-Butylbenzene	500,000	11,000		<6.6	<5.3	<5.3	<6.3	<6.0	<6.3	<6.6	<6.9	<7.0 J
tert-Butylbenzene	500,000	5,900		<6.6	<5.3	<5.3	<6.3	<6.0	<6.3	<6.6	<6.9	<7.0 J
1,2,4-Trimethylbenzene	190,000	3,600		<6.6	<5.3	**0.25 J**	**2.9 J**	<6.0	<6.3	<6.6	<6.9	<7.0 J
1,3,5-Trimethylbenzene	190,000	8,400		<6.6	<5.3	<5.3	**0.98 J**	<6.0	<6.3	<6.6	<6.9	<7.0 J

See footnotes on last page.

Table 5. Concentrations of Volatile Organic Compounds in Soil Samples Collected from Soil Borings and Compared to Restricted Use SCOs, Former Dangman Park MGP Site, Brooklyn, New York.

1	Table 375-6.8(b): Restricted Use Soil Cleanup Objectives.
2	NYSDEC CP-51 / Soil Cleanup Guidance.
NYSDEC	New York State Department of Environmental Conservation.
SCO	Soil Cleanup Objective.
ug/kg	Micrograms per kilogram.
B	Non-detect at the listed value due to associated blank contamination.
D	Compound quantitated at a secondary dilution.
J	Estimated value.
R	Result rejected.
ft bls	Feet below land surface.
-	Not available.
Bold	Indicates detection above laboratory Method Detection Limit.
	Compound concentration exceeds Protection of Groundwater SCO.
	Compound concentration exceeds Protection of Groundwater SCO and Protection of Public Health Commerical Use SCO.

Table 6. Concentrations of Volatile Organic Compounds in Soil Samples Collected from Soil Borings and Compared to Unrestricted Use SCOs, Former Dangman Park MGP Site, Brooklyn, New York.

Compound (Units in ug/kg)	NYSDEC Subpart 375-6 Unrestricted Use SCO [1] (ug/kg)	Sample ID: / Sample Depth (ft bls): / Sample Date:	SB-4 (98-100') 98 - 100 10/15/11	SB-5 (78-80') 78 - 80 10/13/11	SB-6 (2-3') 2 - 3 10/17/11	SB-6 (6-8') 6 - 8 10/17/11	SB-6 (43-45') 43 - 45 10/17/11	SB-6 (58-60') 58 - 60 10/17/11	SB-7 (2-3') 2 - 3 10/18/11	SB-7 (6-8') 6 - 8 10/18/11	SB-8 (2-3') 2 - 3 12/08/11	SB-8 (6-8') 6 - 8 12/09/11	SB-9 (2-3') 2 - 3 12/07/11	SB-9 (6-8') 6 - 8 12/07/11	SB-9 (72-73.5') 72 - 73.5 12/08/11
Acetone	50		<30	<33	**140**	<250 B	<3,000	**99 J**	**89**	<540	**83**	**21 J**	**79**	**64 J**	<27,000 J
Dichlorodifluoromethane	-		<5.9 J	<6.5	<5.3	<49	<600	<5.7 J	<5.7	<110	<5.6	<5.4	<5.8	<31	<5,500
Benzene	60		<5.9	<6.5	**2.7 J**	**23 J**	<600	<5.7 J	<5.7	<110	<5.6	<5.4	**3.3 J**	<31	**19,000**
Bromodichloromethane	-		<5.9	<6.5	<5.3	<49	<600	<5.7 J	<5.7	<110	<5.6	<5.4	<5.8	<31	<5,500
Bromoform	-		<5.9	<6.5	<5.3	<49	<600	<5.7 J	<5.7	<110	<5.6	<5.4	<5.8	<31	<5,500
Bromomethane	-		<5.9	<6.5	<5.3	<49	<600	<5.7 J	<5.7	<110	<5.6	<5.4	<5.8	<31	<5,500
2-Butanone (MEK)	120		<30	<33	<32 B	<250 B	<3,000 J	<28 BJ	**10 J**	<540	**6.4 J**	**2.7 J**	**12 J**	**12 J**	<27,000 J
Trichlorofluoromethane	-		<5.9	<6.5	<5.3	<49	<600	<5.7 J	<5.7	<110	<5.6	<5.4	<5.8	<31	<5,500
Carbon disulfide	-		<5.9	<6.5	<5.3	<49	<600	<5.7 J	<5.7	<110	<5.6	<5.4	<5.8	<31	<5,500
Carbon tetrachloride	760		<5.9	<6.5	<5.3	<49	<600	<5.7 J	<5.7	<110	<5.6	<5.4	<5.8	<31	<5,500
Chlorobenzene	1,100		<5.9	<6.5	<5.3	<49	<600	<5.7 J	<5.7	<110	<5.6	<5.4	<5.8	<31	<5,500
1,1,2-Trichloro-1,2,2-trifluoroethane	-		<5.9	<6.5	<5.3	<49	<600	<5.7 J	<5.7	<110	<5.6	<5.4	<5.8	<31	<5,500
Chloroethane	-		<5.9	<6.5	<5.3	<49	<600	<5.7 J	<5.7	<110	<5.6	<5.4	<5.8	<31	<5,500
Chloroform	370		<5.9	<6.5	<5.3	<49	<600	<5.7 J	<5.7	<110	<5.6	<5.4	<5.8	<31	<5,500
Chloromethane	-		<5.9 J	<6.5	<5.3	<49	<600 J	<5.7 J	<5.7	<110 J	<5.6	<5.4	<5.8	<31	<5,500
Dibromochloromethane	-		<5.9	<6.5	<5.3	<49	<600	<5.7 J	<5.7	<110	<5.6	<5.4	<5.8	<31	<5,500
1,1-Dichloroethane	270		<5.9	<6.5	<5.3	<49	<600	<5.7 J	<5.7	<110	<5.6	<5.4	<5.8	<31	<5,500
1,2-Dichloroethane	20		<5.9	<6.5	<5.3	<49	<600	<5.7 J	<5.7	<110	<5.6	<5.4	<5.8	<31	<5,500
1,1-Dichloroethene	330		<5.9	<6.5	<5.3	<49	<600	<5.7 J	<5.7	<110	<5.6	<5.4	<5.8	<31	<5,500
1,2-Dichloropropane	-		<5.9	<6.5	<5.3	<49	<600	<5.7 J	<5.7	<110	<5.6	<5.4	<5.8	<31	<5,500
cis-1,3-Dichloropropene	-		<5.9	<6.5	<5.3	<49	<600	<5.7 J	<5.7	<110	<5.6	<5.4	<5.8	<31	<5,500
Methyl acetate	-		<5.9	<6.5	<5.3	<49	<600 J	<5.7 J	<5.7	<110	<5.6	<5.4	<5.8	<31	<5,500 J
trans-1,3-Dichloropropene	-		<5.9	<6.5	<5.3	<49	<600	<5.7 J	<5.7	<110	<5.6	<5.4	<5.8	<31	<5,500
Ethylbenzene	1,000		<5.9	<6.5	**12**	**290**	**6,100**	<5.7 J	<5.7	<110	<5.6	<5.4	**1.0 J**	**3.1 J**	**320,000**
2-Hexanone	-		<30	<33	<27	<250	<3,000 J	<28 J	<29	<540 J	<28	<27	<29	<160	<27,000 J
Methylene Chloride	50		<5.9 B	<6.5	<5.3 B	<49	<600	<5.7 BJ	<5.7 B	<110	<5.6 B	<5.4 B	<5.8 B	<31 B	<5,500
4-Methyl-2-pentanone (MIBK)	-		<30	<33	<27	<250	<3,000 J	<28 J	<29	<540 J	<28	<27	<29	<160	<27,000
Styrene	-		<5.9	<6.5	<5.3	<49	<600	<5.7 J	<5.7	<110	<5.6	<5.4	<5.8	<31	**1,200,000 DJ**
1,1,2,2-Tetrachloroethane	-		<5.9	<6.5	<5.3	<49	<600	<5.7 J	<5.7	<110	<5.6	<5.4	<5.8	<31	<5,500 J
Tetrachloroethene	1,300		<5.9	<6.5 J	<5.3 J	<49 J	<600	<5.7 J	<5.7 J	<110	<5.6	<5.4	<5.8	<31	<5,500
Toluene	700		<5.9	<6.5	**0.90 J**	**23 J**	<600	<5.7 J	<5.7	<110	<5.6	<5.4	**0.53 J**	<31	**550,000 DJ**
1,1,1-Trichloroethane	680		<5.9	<6.5	<5.3	<49	<600	<5.7 J	<5.7	<110	<5.6	<5.4	<5.8	<31	<5,500
1,1,2-Trichloroethane	-		<5.9	<6.5	<5.3	<49	<600	<5.7 J	<5.7	<110	<5.6	<5.4	<5.8	<31	<5,500
Trichloroethene	470		<5.9	<6.5	<5.3	<49	<600	<5.7 J	<5.7	<110	<5.6	<5.4	<5.8	<31	<5,500
Vinyl chloride	20		<5.9	<6.5	<5.3	<49	<600	<5.7 J	<5.7	<110	<5.6	<5.4	<5.8	<31	<5,500
Xylenes, Total	260		<12	<13	**3.2 J**	**160**	**2,800**	<11 J	<11	<220	<11	<11	<12	**34 J**	**740,000**
cis-1,2-Dichloroethene	250		<5.9	<6.5	<5.3	<49	<600	<5.7 J	<5.7	<110	<5.6	<5.4	<5.8	<31	<5,500
Cyclohexane	-		<5.9	<6.5	<5.3	**290**	<600	<5.7 J	<5.7	<110	<5.6	<5.4	<5.8	<31	**18,000**
trans-1,2-Dichloroethene	190		<5.9	<6.5	<5.3	<49	<600	<5.7 J	<5.7	<110	<5.6	<5.4	<5.8	<31	<5,500
Isopropylbenzene	-		<5.9	<6.5	<5.3	**33 J**	**730**	<5.7 J	<5.7	<110	<5.6	<5.4	<5.8	**15 J**	**7,600**
1,3-Dichlorobenzene	2,400		<5.9	<6.5	<5.3	<49	<600	<5.7 J	<5.7	<110	<5.6	<5.4	<5.8	<31	<5,500
1,4-Dichlorobenzene	1,800		<5.9	<6.5	<5.3	<49	<600	<5.7 J	<5.7	<110	<5.6	<5.4	<5.8	<31	<5,500
1,2-Dichlorobenzene	1,100		<5.9	<6.5	<5.3	<49	<600	<5.7 J	<5.7	<110	<5.6	<5.4	<5.8	<31	<5,500
1,2-Dibromo-3-Chloropropane	-		<5.9	<6.5	<5.3	<49	<600	<5.7 J	<5.7	<110	<5.6	<5.4	<5.8	<31	<5,500 J
1,2,4-Trichlorobenzene	-		<5.9	<6.5	<5.3	<49	<600	<5.7 J	<5.7	<110	<5.6	<5.4	<5.8	<31	<5,500
1,2-Dibromoethane	-		<5.9	<6.5	<5.3	<49	<600	<5.7 J	<5.7	<110	<5.6	<5.4	<5.8	<31	<5,500
Methyl tert-butyl ether	930		<5.9	<6.5	<5.3	<49	<600	<5.7 J	<5.7	<110	<5.6	<5.4	<5.8	<31	<5,500
Methylcyclohexane	-		<5.9	<6.5	<5.3	**450**	**720**	<5.7 J	<5.7	<110	<5.6	<5.4	<5.8	**30 J**	**52,000**
1,4-Dioxane	100		R	R	R	R	R	R	R	R	R	R	R	R	R
n-Butylbenzene	12,000		<5.9	<6.5	<5.3	<49	**480 J**	<5.7 J	<5.7	<110	<5.6	<5.4	<5.8	**45**	**22,000**
n-Propylbenzene	3,900		<5.9	<6.5	<5.3	**38 J**	**870**	<5.7 J	<5.7	<110	<5.6	<5.4	<5.8	**25 J**	**47,000**
sec-Butylbenzene	11,000		<5.9	<6.5	<5.3	**9.0 J**	<600	<5.7 J	<5.7	<110	<5.6	<5.4	<5.8	<31	<5,500
tert-Butylbenzene	5,900		<5.9	<6.5	<5.3	<49	<600	<5.7 J	<5.7	<110	<5.6	<5.4	<5.8	<31	<5,500
1,2,4-Trimethylbenzene	3,600		<5.9	<6.5	**2.1 J**	**210**	**3,000**	<5.7 J	<5.7	**52 J**	<5.6	<5.4	**2.2 J**	**160**	**390,000**
1,3,5-Trimethylbenzene	8,400		<5.9	<6.5	**1.3 J**	**120**	**8,100**	<5.7 J	<5.7	<110	<5.6	<5.4	**0.72 J**	**57**	**170,000**

See footnotes on last page.

Table 6. Concentrations of Volatile Organic Compounds in Soil Samples Collected from Soil Borings and Compared to Unrestricted Use SCOs, Former Dangman Park MGP Site, Brooklyn, New York.

Compound (Units in ug/kg)	NYSDEC Subpart 375-6 Unrestricted Use SCO [1] (ug/kg)	Sample ID:	SB-9 (95.5-97.5')	SB-10 (2-3')	SB-10 (6-8')	DUP121311	SB-11 (2-3')	SB-11 (6-8')	SB-11 (40.5-42.5')	SB-11 (67-69')	SB-12 (2-3')	SB-12 (6-8')	SB-13 (2-3')	Dup103111	SB-13 (6-8')
		Sample Depth (ft bls):	95.5 - 97.5	2 - 3	6 - 8	6 - 8	2 - 3	6 - 8	40.5 - 42.5	67 - 69	2 - 3	6 - 8	2 - 3	2 - 3	6 - 8
		Sample Date:	12/08/11	12/12/11	12/13/11	12/13/11	12/06/11	12/06/11	12/06/11	12/07/11	12/13/11	12/13/11	10/31/11	10/31/11	10/31/11
						SB-10 (6-8') Duplicate								SB-13 (2-3') Duplicate	
Acetone	50		**6.1 J**	**37 J**	**55**	**40**	**53**	**81**	**18 J**	<28 B	**71**	**25 J**	<28	**7.5 J**	**33**
Dichlorodifluoromethane	-		<6.0	<5.4	<7.6	<7.5	<6.0	<5.4	<5.7	<5.6	<5.3	<5.8	<5.6	<5.4	<5.2
Benzene	60		<6.0	<5.4 J	<7.6	<7.5	<6.0	<5.4	**1.8 J**	<5.6	<5.3	<5.8	<5.6	<5.4	<5.2
Bromodichloromethane	-		<6.0	<5.4 J	<7.6	<7.5	<6.0	<5.4	<5.7	<5.6	<5.3	<5.8	<5.6	<5.4	<5.2
Bromoform	-		<6.0	<5.4	<7.6	<7.5	<6.0	<5.4	<5.7	<5.6	<5.3	<5.8	<5.6	<5.4	<5.2
Bromomethane	-		<6.0	<5.4	<7.6	<7.5	<6.0	<5.4	<5.7	<5.6	<5.3	<5.8	<5.6	<5.4	<5.2
2-Butanone (MEK)	120		<30	**3.0 J**	<38	<38	**7.1 J**	**19 J**	<29	<28	**10 J**	<29	<28	<27	<26 B
Trichlorofluoromethane	-		<6.0	<5.4	<7.6	<7.5	<6.0	<5.4	<5.7	<5.6	<5.3	<5.8	<5.6	<5.4	<5.2
Carbon disulfide	-		<6.0	**0.56 J**	**1.4 J**	**1.5 J**	<6.0	<5.4	<5.7	<5.6	<5.3 J	<5.8 J	<5.6	<5.4	<5.2
Carbon tetrachloride	760		<6.0	<5.4 J	<7.6	<7.5	<6.0	<5.4	<5.7	<5.6	<5.3	<5.8	<5.6	<5.4	<5.2
Chlorobenzene	1,100		<6.0	<5.4 J	<7.6	<7.5	<6.0	<5.4	<5.7	<5.6	<5.3	<5.8	<5.6	<5.4	<5.2
1,1,2-Trichloro-1,2,2-trifluoroethane	-		<6.0	<5.4 J	<7.6	<7.5	<6.0	<5.4	<5.7	<5.6	<5.3	<5.8	<5.6	<5.4	<5.2
Chloroethane	-		<6.0	<5.4	<7.6	<7.5	<6.0	<5.4	<5.7	<5.6	<5.3	<5.8	<5.6	<5.4	<5.2
Chloroform	370		<6.0	<5.4	<7.6	<7.5	<6.0	<5.4	<5.7	<5.6	<5.3	<5.8	<5.6	<5.4	<5.2
Chloromethane	-		<6.0	<5.4	<7.6	<7.5	<6.0	<5.4	<5.7	<5.6	<5.3	<5.8	<5.6	<5.4	<5.2
Dibromochloromethane	-		<6.0	<5.4	<7.6	<7.5	<6.0	<5.4	<5.7	<5.6	<5.3	<5.8	<5.6	<5.4	<5.2
1,1-Dichloroethane	270		<6.0	<5.4	<7.6	<7.5	<6.0	<5.4	<5.7	<5.6	<5.3	<5.8	<5.6	<5.4	<5.2
1,2-Dichloroethane	20		<6.0	<5.4	<7.6	<7.5	<6.0	<5.4	<5.7	<5.6	<5.3	<5.8	<5.6	<5.4	<5.2
1,1-Dichloroethene	330		<6.0	<5.4 J	<7.6	<7.5	<6.0	<5.4	<5.7	<5.6	<5.3	<5.8	<5.6	<5.4	<5.2
1,2-Dichloropropane	-		<6.0	<5.4 J	<7.6	<7.5	<6.0	<5.4	<5.7	<5.6	<5.3	<5.8	<5.6	<5.4	<5.2
cis-1,3-Dichloropropene	-		<6.0	<5.4 J	<7.6	<7.5	<6.0	<5.4	<5.7	<5.6	<5.3	<5.8	<5.6	<5.4	<5.2
Methyl acetate	-		<6.0	<5.4	<7.6	<7.5	<6.0	<5.4	<5.7	<5.6	<5.3	<5.8	<5.6	<5.4	<5.2
trans-1,3-Dichloropropene	-		<6.0	<5.4	<7.6	<7.5	<6.0	<5.4	<5.7	<5.6	<5.3	<5.8	<5.6	<5.4	<5.2
Ethylbenzene	1,000		**0.74 J**	<5.4 J	<7.6	<7.5	<6.0	<5.4	**3.6 J**	**0.46 J**	**0.29 J**	<5.8	<5.6	<5.4	<5.2
2-Hexanone	-		<30	<27 J	<38 J	<38 J	<30	<27	<29	<28	<26 J	<29 J	<28	<27	<26
Methylene Chloride	50		<6.0 B	<7.4 B	<12 B	<13 B	<6.5 B	<5.4 B	<8.1 B	<12 B	<13 B	<6.4 B	<7.3 B	<7.5 B	<5.2 B
4-Methyl-2-pentanone (MIBK)	-		<30	<27	<38	<38	<30	<27	<29	<28	<26	<29	<28	<27	<26
Styrene	-		**0.55 J**	<5.4 J	<7.6	<7.5	<6.0	<5.4	<5.7	<5.6	<5.3	<5.8	<5.6	<5.4	<5.2
1,1,2,2-Tetrachloroethane	-		<6.0	<5.4 J	<7.6	<7.5	<6.0	<5.4	<5.7	<5.6	<5.3	<5.8	<5.6	<5.4	<5.2
Tetrachloroethene	1,300		<6.0	<5.4 J	<7.6	<7.5	<6.0	<5.4	**0.83 J**	**0.87 J**	<5.3	<5.8	<5.6	<5.4	<5.2
Toluene	700		**0.96 J**	<5.4 J	<7.6	<7.5	<6.0	**0.50 J**	<5.7	<5.6	**0.34 J**	<5.8	**0.54 J**	<5.4	<5.2
1,1,1-Trichloroethane	680		<6.0	<5.4 J	<7.6	<7.5	<6.0	<5.4	<5.7	<5.6	<5.3	<5.8	<5.6	<5.4	<5.2
1,1,2-Trichloroethane	-		<6.0	<5.4 J	<7.6	<7.5	<6.0	<5.4	<5.7	<5.6	<5.3	<5.8	<5.6	<5.4	<5.2
Trichloroethene	470		<6.0	<5.4 J	<7.6	<7.5	<6.0	<5.4	<5.7	<5.6	<5.3	<5.8	<5.6	<5.4	<5.2
Vinyl chloride	20		<6.0	<5.4	<7.6	<7.5	<6.0	<5.4	<5.7	<5.6	<5.3	<5.8	<5.6	<5.4	<5.2
Xylenes, Total	260		<12	<11	<15	<15	<12	<11	<11	<11	**2.0 J**	<12	<11	<11	<10
cis-1,2-Dichloroethene	250		<6.0	<5.4 J	<7.6	<7.5	<6.0	<5.4	<5.7	<5.6	<5.3	<5.8	<5.6	<5.4	<5.2
Cyclohexane	-		<6.0	<5.4 J	<7.6	<7.5	<6.0	<5.4	<5.7	<5.6	**0.35 J**	<5.8	<5.6	<5.4	<5.2
trans-1,2-Dichloroethene	190		<6.0	<5.4 J	<7.6	<7.5	<6.0	<5.4	<5.7	<5.6	<5.3	<5.8	<5.6	<5.4	<5.2
Isopropylbenzene	-		<6.0	<5.4 J	<7.6	<7.5	<6.0	<5.4	<5.7	<5.6	**0.29 J**	<5.8	<5.6	<5.4	<5.2
1,3-Dichlorobenzene	2,400		<6.0	<5.4 J	<7.6	<7.5	<6.0	<5.4	<5.7	<5.6	<5.3	<5.8	<5.6	<5.4	<5.2
1,4-Dichlorobenzene	1,800		<6.0	<5.4 J	<7.6	<7.5	<6.0	<5.4	<5.7	<5.6	<5.3	<5.8	<5.6	<5.4	<5.2
1,2-Dichlorobenzene	1,100		<6.0	<5.4 J	<7.6	<7.5	<6.0	**0.68 J**	<5.7	<5.6	<5.3	<5.8	<5.6	<5.4	<5.2
1,2-Dibromo-3-Chloropropane	-		<6.0	<5.4 J	<7.6	<7.5	<6.0	<5.4	<5.7	<5.6	<5.3	<5.8	<5.6 J	<5.4 J	<5.2 J
1,2,4-Trichlorobenzene	-		<6.0	<5.4 J	<7.6	<7.5	<6.0	<5.4	<5.7	<5.6	<5.3	<5.8	<5.6	<5.4	<5.2
1,2-Dibromoethane	-		<6.0	<5.4 J	<7.6	<7.5	<6.0	<5.4	<5.7	<5.6	<5.3	<5.8	<5.6	<5.4	<5.2
Methyl tert-butyl ether	930		<6.0	<5.4	<7.6	<7.5	<6.0	<5.4	<5.7	<5.6	<5.3	<5.8	<5.6	<5.4	<5.2
Methylcyclohexane	-		<6.0	<5.4 J	<7.6	<7.5	<6.0	<5.4	<5.7	<5.6	**1.9 J**	<5.8	<5.6	<5.4	<5.2
1,4-Dioxane	100		R	R	R	R	R	R	R	R	R	R	R	R	R
n-Butylbenzene	12,000		<6.0	<5.4 J	<7.6	<7.5	<6.0	<5.4	<5.7	<5.6	**3.8 J**	<5.8	<5.6	<5.4	<5.2
n-Propylbenzene	3,900		<6.0	<5.4 J	<7.6	<7.5	<6.0	<5.4	<5.7	<5.6	**0.44 J**	<5.8	<5.6	<5.4	<5.2
sec-Butylbenzene	11,000		<6.0	<5.4 J	<7.6	<7.5	<6.0	<5.4	<5.7	<5.6	**1.1 J**	<5.8	<5.6	<5.4	<5.2
tert-Butylbenzene	5,900		<6.0	<5.4 J	<7.6	<7.5	<6.0	<5.4	<5.7	<5.6	<5.3	<5.8	<5.6	<5.4	<5.2
1,2,4-Trimethylbenzene	3,600		<6.0	<5.4 J	<7.6	<7.5	<6.0	**1.1 J**	**1.5 J**	**1.1 J**	**6.7**	<5.8	<5.6	<5.4	<5.2
1,3,5-Trimethylbenzene	8,400		<6.0	<5.4 J	<7.6	<7.5	<6.0	<5.4	<5.7	<5.6	**5.3**	<5.8	<5.6	<5.4	<5.2

See footnotes on last page.

Table 6. Concentrations of Volatile Organic Compounds in Soil Samples Collected from Soil Borings and Compared to Unrestricted Use SCOs, Former Dangman Park MGP Site, Brooklyn, New York.

Compound (Units in ug/kg)	NYSDEC Subpart 375-6 Unrestricted Use SCO [1] (ug/kg)	Sample ID: / Sample Depth (ft bls): / Sample Date:	SB-13 (50-52') 50 - 52 11/01/11	SB-13 (60-62') 60 - 62 11/2/11	SB-14 (2.5-3.5') 2.5 - 3.5 11/02/11	SB-14 (6-8') 6 - 8 11/02/11	SB-16 (2-3') 2 - 3 12/14/11	SB-16 (5-7') 5 - 7 12/14/11	SB-17 (2-3') 2 - 3 12/09/11	SB-17 (5-7') 5 - 7 12/12/11	SB-18 (2-3') 2 - 3 02/22/12	SB-18 (7-9') 7 - 9 02/22/12	SB-18 (20-22') 20 - 22 02/22/12	SB-18 (52-54') 52 - 54 02/22/12	SB-19 (2-3') 2 - 3 12/15/11
Acetone	50		**16 J**	**5.6 J**	**4.4 J**	**6.9 J**	**11 J**	**11 J**	**15 J**	**7.4 J**	<25 B	R	<28 B	<28 B	**49**
Dichlorodifluoromethane	-		<5.8	<5.7	<5.1	<5.4	<5.2	<5.2	<6.0	<5.3	<5.0	R	<5.5	<5.5	<5.4
Benzene	60		<5.8	<5.7	<5.1	<5.4	<5.2	<5.2	<6.0	<5.3	**0.40 J**	R	<5.5	<5.5	<5.4
Bromodichloromethane	-		<5.8	<5.7	<5.1	<5.4	<5.2	<5.2	<6.0	<5.3	<5.0	R	<5.5	<5.5	<5.4
Bromoform	-		<5.8	<5.7	<5.1	<5.4	<5.2	<5.2	<6.0	<5.3	<5.0	R	<5.5	<5.5	<5.4
Bromomethane	-		<5.8	<5.7	<5.1	<5.4	<5.2	<5.2	<6.0	<5.3	<5.0	R	<5.5	<5.5	<5.4
2-Butanone (MEK)	120		<29 B	<28	<26	<27	<26	<26	**2.4 J**	<26	<25	R	<28	<28	<27
Trichlorofluoromethane	-		<5.8	<5.7	<5.1	<5.4	<5.2	<5.2	<6.0	<5.3	<5.0 J	R	<5.5 J	<5.5 J	<5.4
Carbon disulfide	-		**3.1 J**	<5.7	<5.1	<5.4	<5.2 J	<5.2 J	<6.0	<5.3 J	<5.0 J	R	**2.1 J**	<5.5 J	**0.71 J**
Carbon tetrachloride	760		<5.8	<5.7	<5.1	<5.4	<5.2	<5.2	<6.0	<5.3	<5.0	R	<5.5	<5.5	<5.4
Chlorobenzene	1,100		<5.8	<5.7	<5.1 J	<5.4	<5.2	<5.2	<6.0	<5.3	<5.0	R	<5.5	<5.5	<5.4
1,1,2-Trichloro-1,2,2-trifluoroethane	-		<5.8	<5.7	<5.1	<5.4	<5.2	<5.2	<6.0	<5.3	<5.0 J	R	<5.5 J	<5.5 J	<5.4
Chloroethane	-		<5.8	<5.7	<5.1	<5.4	<5.2	<5.2	<6.0	<5.3	<5.0	R	<5.5	<5.5	<5.4
Chloroform	370		<5.8	<5.7	<5.1	<5.4	<5.2	<5.2	<6.0	<5.3	<5.0	R	<5.5	<5.5 B	<5.4
Chloromethane	-		<5.8	<5.7	<5.1	<5.4	<5.2	<5.2	<6.0	<5.3	<5.0	R	<5.5	<5.5	<5.4
Dibromochloromethane	-		<5.8	<5.7	<5.1	<5.4	<5.2	<5.2	<6.0	<5.3	<5.0	R	<5.5	<5.5	<5.4
1,1-Dichloroethane	270		<5.8	<5.7	<5.1	<5.4	<5.2	<5.2	<6.0	<5.3	<5.0	R	<5.5	<5.5	<5.4
1,2-Dichloroethane	20		<5.8	<5.7	<5.1 J	<5.4	<5.2	<5.2	<6.0	<5.3	<5.0	R	<5.5	<5.5	<5.4
1,1-Dichloroethene	330		<5.8	<5.7	<5.1	<5.4	<5.2	<5.2	<6.0	<5.3	<5.0	R	<5.5	**0.51 J**	<5.4
1,2-Dichloropropane	-		<5.8	<5.7	<5.1	<5.4	<5.2	<5.2	<6.0	<5.3	<5.0	R	<5.5	<5.5	<5.4
cis-1,3-Dichloropropene	-		<5.8	<5.7	<5.1 J	<5.4	<5.2	<5.2	<6.0	<5.3	<5.0	R	<5.5	<5.5	<5.4
Methyl acetate	-		<5.8	<5.7	<5.1	<5.4	<5.2	<5.2	<6.0	<5.3	<5.0	R	<5.5	<5.5	<5.4
trans-1,3-Dichloropropene	-		<5.8	<5.7	<5.1	<5.4	<5.2	<5.2	<6.0	<5.3	<5.0	R	<5.5	<5.5	<5.4
Ethylbenzene	1,000		<5.8	<5.7	<5.1 J	<5.4	<5.2	<5.2	<6.0	<5.3	<5.0	R	<5.5	<5.5	<5.4
2-Hexanone	-		<29	<28	<26	<27	<26 J	<26 J	<30	<26 J	<25	R	<28	<28	<27 J
Methylene Chloride	50		<5.8	<5.7	<5.1	<5.4	<5.2 B	<5.2	<6.0	<5.3 B	<20 B	R	<22 B	<22 B	<5.4 B
4-Methyl-2-pentanone (MIBK)	-		<29	<28	<26	<27	<26	<26	<30	<26	<25	R	<28	<28	<27
Styrene	-		<5.8	<5.7	<5.1	<5.4	<5.2	<5.2	<6.0	<5.3	<5.0	R	<5.5	<5.5	<5.4
1,1,2,2-Tetrachloroethane	-		<5.8	<5.7	<5.1	<5.4	<5.2	<5.2	<6.0	<5.3	<5.0	R	<5.5	<5.5	<5.4
Tetrachloroethene	1,300		<5.8	<5.7	<5.1 J	<5.4	<5.2	<5.2	<6.0	<5.3	<5.0	R	<5.5	<5.5	<5.4
Toluene	700		<5.8	<5.7	<5.1 J	<5.4	<5.2	<5.2	<6.0	<5.3	**0.42 J**	R	<5.5	<5.5	<5.4
1,1,1-Trichloroethane	680		<5.8	<5.7	<5.1	<5.4	<5.2	<5.2	<6.0	<5.3	<5.0	R	<5.5	<5.5	<5.4
1,1,2-Trichloroethane	-		<5.8	<5.7	<5.1	<5.4	<5.2	<5.2	<6.0	<5.3	<5.0	R	<5.5	<5.5	<5.4
Trichloroethene	470		<5.8	<5.7	<5.1 J	<5.4	<5.2	<5.2	<6.0	<5.3	<5.0	R	<5.5	<5.5	<5.4
Vinyl chloride	20		<5.8	<5.7	<5.1	<5.4	<5.2	<5.2	<6.0	<5.3	<5.0	R	<5.5	<5.5	<5.4
Xylenes, Total	260		<12	<11	<10	<11	<10	<10	<12	<11	**0.78 J**	R	<11	<11	<11
cis-1,2-Dichloroethene	250		<5.8	<5.7	<5.1	<5.4	<5.2	<5.2	<6.0	<5.3	<5.0	R	<5.5	<5.5	<5.4
Cyclohexane	-		<5.8	<5.7	<5.1	<5.4	<5.2	<5.2	<6.0	<5.3	<5.0 J	R	<5.5 J	<5.5 J	<5.4
trans-1,2-Dichloroethene	190		<5.8	<5.7	<5.1 J	<5.4	<5.2	<5.2	<6.0	<5.3	<5.0	R	<5.5	<5.5	<5.4
Isopropylbenzene	-		<5.8	<5.7	<5.1	<5.4	<5.2	<5.2	<6.0	<5.3	<5.0	**6.0 J**	**3.1 J**	<5.5	<5.4
1,3-Dichlorobenzene	2,400		<5.8	<5.7	<5.1	<5.4	<5.2	<5.2	<6.0	<5.3	<5.0	R	<5.5	<5.5	<5.4
1,4-Dichlorobenzene	1,800		<5.8	<5.7	<5.1	<5.4	<5.2	<5.2	<6.0	<5.3	<5.0	R	<5.5	<5.5	<5.4
1,2-Dichlorobenzene	1,100		<5.8	<5.7	<5.1 J	<5.4	<5.2	<5.2	<6.0	<5.3	<5.0	R	<5.5	<5.5	<5.4
1,2-Dibromo-3-Chloropropane	-		<5.8 J	<5.7 J	<5.1 J	<5.4 J	<5.2	<5.2	<6.0	<5.3	<10	R	<11	<11	<5.4
1,2,4-Trichlorobenzene	-		<5.8	<5.7	<5.1	<5.4	<5.2	<5.2	<6.0	<5.3	<5.0	R	<5.5	<5.5	<5.4
1,2-Dibromoethane	-		<5.8	<5.7	<5.1	<5.4	<5.2	<5.2	<6.0	<5.3	<5.0	R	<5.5	<5.5	<5.4
Methyl tert-butyl ether	930		<5.8	<5.7	<5.1	<5.4	<5.2	<5.2	<6.0	<5.3	<5.0	R	<5.5	<5.5	<5.4
Methylcyclohexane	-		<5.8	<5.7	<5.1	<5.4	<5.2	<5.2	<6.0	<5.3	<5.0 J	R	**3.3 J**	<5.5 J	<5.4
1,4-Dioxane	100		R	R	R	R	R	R	R	R	R	R	R	R	R
n-Butylbenzene	12,000		<5.8	<5.7	<5.1	<5.4	<5.2	<5.2	<6.0	<5.3	<5.0 J	R	**8.8**	<5.5 J	<5.4
n-Propylbenzene	3,900		<5.8	<5.7	<5.1	<5.4	<5.2	<5.2	<6.0	<5.3	<5.0	**6.1 J**	**1.4 J**	<5.5	<5.4
sec-Butylbenzene	11,000		<5.8	<5.7	<5.1	<5.4	<5.2	<5.2	<6.0	<5.3	<5.0	**12 J**	**16**	<5.5	<5.4
tert-Butylbenzene	5,900		<5.8	<5.7	<5.1	<5.4	<5.2	<5.2	<6.0	<5.3	<5.0	R	<5.5	<5.5	<5.4
1,2,4-Trimethylbenzene	3,600		<5.8	<5.7	<5.1 J	<5.4	<5.2	<5.2	<6.0	<5.3	**0.25 J**	R	<5.5	<5.5	<5.4
1,3,5-Trimethylbenzene	8,400		<5.8	<5.7	<5.1	<5.4	<5.2	<5.2	<6.0	<5.3	<5.0	R	<5.5	<5.5	<5.4

See footnotes on last page.

Table 6. Concentrations of Volatile Organic Compounds in Soil Samples Collected from Soil Borings and Compared to Unrestricted Use SCOs, Former Dangman Park MGP Site, Brooklyn, New York.

Compound (Units in ug/kg)	NYSDEC Subpart 375-6 Unrestricted Use SCO [1] (ug/kg)	Sample ID:	SB-19 (10-11')	SB-20 (2-3')	SB-20 (6-8')	DUP030112	SB-21 (2-3')	SB-21 (12-13')	SB-22 (2-3')	SB-22 (5-7')	SB-22 (33-34')	SB-22 (58-60')	SB-23 (5-7')	SB-24 (5-7')	MW-13 (77-79')
		Sample Depth (ft bls):	10 - 11	2 - 3	6 - 8	6 - 8	2 - 3	12 - 13	2 - 3	5 - 7	33 - 34	58 - 60	5 - 7	5 - 7	77 - 79
		Sample Date:	12/15/11	03/01/12	03/01/12	03/01/12	12/16/11	12/16/11	12/19/11	01/19/12	01/19/12	01/19/12	02/28/12	02/29/12	02/23/12
						SB-20 (6-8') Duplicate									
Acetone	50		**28**	<24 B	<33 B	<28 B	**5.1 J**	**20 J**	**6.2 J**	<26 B	<41,000	<27 B	<31 B	**41 J**	**52**
Dichlorodifluoromethane	-		<5.5	<4.8	<5.2	<5.2	<5.3	<5.2	<4.5	<5.2	<8,300	<5.3	<6.2	<5.3	<5.6
Benzene	60		<5.5	<4.8	<5.2	<5.2	<5.3	<5.2	**1.0 J**	**0.89 J**	<8,300	<5.3	<6.2	<5.3	<5.6
Bromodichloromethane	-		<5.5	<4.8	<5.2	<5.2	<5.3	<5.2	<4.5	<5.2	<8,300	<5.3	<6.2	<5.3	<5.6
Bromoform	-		<5.5	<4.8	<5.2	<5.2	<5.3	<5.2	<4.5	<5.2	<8,300	<5.3	<6.2	<5.3	<5.6
Bromomethane	-		<5.5	<4.8 J	<5.2 J	<5.2 J	<5.3	<5.2	<4.5	<5.2	<8,300	<5.3	<6.2 J	<5.3 J	<5.6
2-Butanone (MEK)	120		<28	<24	**5.0 J**	**3.8 J**	<26	<26	<23	<26	<41,000	<27	<31	**7.4 J**	**1.8 J**
Trichlorofluoromethane	-		<5.5	<4.8	<5.2	<5.2	<5.3	<5.2	<4.5	<5.2	<8,300	<5.3	<6.2	<5.3	<5.6 J
Carbon disulfide	-		**0.54 J**	<4.8	**0.34 J**	**0.26 J**	<5.3 J	**2.1 J**	<4.5 J	**1.7 J**	<8,300	<5.3	**0.58 J**	**0.84 J**	<5.6
Carbon tetrachloride	760		<5.5	<4.8	<5.2	<5.2	<5.3	<5.2	<4.5	<5.2	<8,300	<5.3	<6.2	<5.3	<5.6
Chlorobenzene	1,100		<5.5	<4.8	<5.2	<5.2	<5.3	<5.2	<4.5	<5.2	<8,300	<5.3	<6.2	<5.3	<5.6
1,1,2-Trichloro-1,2,2-trifluoroethane	-		<5.5	<4.8	<5.2	<5.2	<5.3	<5.2	<4.5	<5.2	<8,300	<5.3	<6.2	<5.3	<5.6 J
Chloroethane	-		<5.5	<4.8 J	<5.2 J	<5.2 J	<5.3	<5.2	<4.5	<5.2	<8,300	<5.3	<6.2 J	<5.3 J	<5.6
Chloroform	370		<5.5	<4.8	<5.2	<5.2	<5.3	<5.2	<4.5	<5.2	<8,300	<5.3	<6.2	<5.3	<5.6
Chloromethane	-		<5.5	<4.8	<5.2	<5.2	<5.3	<5.2	<4.5	<5.2	<8,300	<5.3	<6.2	<5.3	<5.6 J
Dibromochloromethane	-		<5.5	<4.8	<5.2	<5.2	<5.3	<5.2	<4.5	<5.2	<8,300	<5.3	<6.2	<5.3	<5.6
1,1-Dichloroethane	270		<5.5	<4.8	<5.2	<5.2	<5.3	<5.2	<4.5	<5.2	<8,300	<5.3	<6.2	<5.3	<5.6
1,2-Dichloroethane	20		<5.5	<4.8	<5.2	<5.2	<5.3	<5.2	<4.5	<5.2	<8,300	<5.3	<6.2	<5.3	<5.6
1,1-Dichloroethene	330		<5.5	<4.8	<5.2	<5.2	<5.3	<5.2	<4.5	<5.2	<8,300	<5.3	<6.2	<5.3	<5.6
1,2-Dichloropropane	-		<5.5	<4.8	<5.2	<5.2	<5.3	<5.2	<4.5	<5.2	<8,300	<5.3	<6.2	<5.3	<5.6
cis-1,3-Dichloropropene	-		<5.5	<4.8	<5.2	<5.2	<5.3	<5.2	<4.5	<5.2	<8,300	<5.3	<6.2	<5.3	<5.6
Methyl acetate	-		<5.5	<4.8	<5.2	<5.2	<5.3	<5.2	<4.5	<5.2	<8,300	<5.3	<6.2	<5.3	<5.6
trans-1,3-Dichloropropene	-		<5.5	<4.8	<5.2	<5.2	<5.3	<5.2	<4.5	<5.2	<8,300	<5.3	<6.2	<5.3	<5.6
Ethylbenzene	1,000		<5.5	<4.8	<5.2	<5.2	<5.3	<5.2	<4.5	<5.2	**230,000**	<5.3	<6.2	<5.3	**1.6 J**
2-Hexanone	-		<28 J	<24 J	<26 J	<26 J	<26 J	<26 J	<23 J	<26	<41,000	<27	<31 J	<27 J	<28
Methylene Chloride	50		<5.5 B	<19 B	<21 B	<21 B	<5.3 B	<5.2 B	<4.5 B	<21 B	<8,300	**7.3 J**	<25 B	<21 B	<23 B
4-Methyl-2-pentanone (MIBK)	-		<28	<24	<26	<26	<26	<26	<23	<26	<41,000	<27	<31	<27	<28
Styrene	-		<5.5	<4.8	<5.2	<5.2	<5.3	<5.2	<4.5	<5.2	<8,300	<5.3	<6.2	<5.3	<5.6
1,1,2,2-Tetrachloroethane	-		<5.5	<4.8	<5.2	<5.2	<5.3	<5.2	<4.5	<5.2	<8,300	<5.3	<6.2	<5.3	<5.6
Tetrachloroethene	1,300		<5.5	<4.8	<5.2	<5.2	<5.3	<5.2	<4.5	<5.2	<8,300	<5.3	<6.2	<5.3	<5.6
Toluene	700		<5.5	<4.8	<5.2	<5.2	<5.3	<5.2	<4.5	<5.2	**1,200 J**	<5.3	<6.2	<5.3	**0.94 JB**
1,1,1-Trichloroethane	680		<5.5	<4.8	<5.2	<5.2	<5.3	<5.2	<4.5	<5.2	<8,300	<5.3	<6.2	<5.3	<5.6
1,1,2-Trichloroethane	-		<5.5	<4.8	<5.2	<5.2	<5.3	<5.2	<4.5	<5.2	<8,300	<5.3	<6.2	<5.3	<5.6
Trichloroethene	470		<5.5	<4.8	<5.2	<5.2	<5.3	<5.2	<4.5	<5.2	<8,300	<5.3	<6.2	<5.3	<5.6
Vinyl chloride	20		<5.5	<4.8	<5.2	<5.2	<5.3	<5.2	<4.5	<5.2	<8,300	<5.3	<6.2	<5.3	<5.6
Xylenes, Total	260		<11	<9.6	<10	<10	<11	<10	<9.1	<10	**130,000**	<11	<12	<11	<11
cis-1,2-Dichloroethene	250		<5.5	<4.8	<5.2	<5.2	<5.3	<5.2	<4.5	<5.2	<8,300	<5.3	<6.2	<5.3	<5.6
Cyclohexane	-		<5.5	<4.8	<5.2	<5.2	<5.3	<5.2	<4.5	<5.2	**4,600 J**	<5.3	<6.2	<5.3	<5.6
trans-1,2-Dichloroethene	190		<5.5	<4.8	<5.2	<5.2	<5.3	<5.2	<4.5	<5.2	<8,300	<5.3	<6.2	<5.3	<5.6
Isopropylbenzene	-		<5.5	<4.8	<5.2	<5.2	<5.3	<5.2	<4.5	<5.2	**33,000**	<5.3	<6.2	<5.3	<5.6
1,3-Dichlorobenzene	2,400		<5.5	<4.8	<5.2	<5.2	<5.3	<5.2	<4.5	<5.2	<8,300	<5.3	<6.2	<5.3	<5.6
1,4-Dichlorobenzene	1,800		<5.5	<4.8	<5.2	<5.2	<5.3	<5.2	<4.5	<5.2	<8,300	<5.3	<6.2	<5.3	<5.6
1,2-Dichlorobenzene	1,100		<5.5	<4.8	<5.2	<5.2	<5.3	<5.2	<4.5	<5.2	<8,300	<5.3	<6.2	<5.3	<5.6
1,2-Dibromo-3-Chloropropane	-		<5.5	<9.6 J	<10 J	<10 J	<5.3	<5.2	<4.5	<10	<8,300	<11	<12 J	<11 J	<11
1,2,4-Trichlorobenzene	-		<5.5	<4.8	<5.2	<5.2	<5.3	<5.2	<4.5	<5.2	<8,300	<5.3	<6.2	<5.3	<5.6
1,2-Dibromoethane	-		<5.5	<4.8	<5.2	<5.2	<5.3	<5.2	<4.5	<5.2	<8,300	<5.3	<6.2	<5.3	<5.6
Methyl tert-butyl ether	930		<5.5	<4.8	<5.2	<5.2	<5.3	<5.2	<4.5	<5.2	<8,300	<5.3	<6.2	<5.3 J	<5.6
Methylcyclohexane	-		<5.5	<4.8	<5.2	<5.2	<5.3	<5.2	<4.5	**0.47 J**	**12,000**	<5.3	<6.2	<5.3	<5.6
1,4-Dioxane	100		R	R	R	<210	R	R	R	R	R	R	R	R	R
n-Butylbenzene	12,000		<5.5	<4.8	<5.2	<5.2	<5.3	<5.2	<4.5	<5.2	<8,300	<5.3	<6.2	<5.3	<5.6
n-Propylbenzene	3,900		<5.5	<4.8	<5.2	<5.2	<5.3	<5.2	<4.5	<5.2	**26,000**	<5.3	<6.2	<5.3	<5.6
sec-Butylbenzene	11,000		**1.2 J**	<4.8	<5.2	<5.2	<5.3	<5.2	<4.5	<5.2	<8,300	<5.3	<6.2	<5.3	<5.6
tert-Butylbenzene	5,900		<5.5	<4.8	<5.2	<5.2	<5.3	<5.2	<4.5	<5.2	<8,300	<5.3	<6.2	<5.3	<5.6
1,2,4-Trimethylbenzene	3,600		<5.5	<4.8	<5.2	<5.2	<5.3	<5.2	<4.5	<5.2	**100,000**	**0.28 J**	<6.2	<5.3	<5.6
1,3,5-Trimethylbenzene	8,400		<5.5	<4.8	<5.2	<5.2	<5.3	<5.2	<4.5	<5.2	**65,000**	<5.3	<6.2	<5.3	<5.6

See footnotes on last page.

Table 6. Concentrations of Volatile Organic Compounds in Soil Samples Collected from Soil Borings and Compared to Unrestricted Use SCOs, Former Dangman Park MGP Site, Brooklyn, New York.

Compound (Units in ug/kg)	NYSDEC Subpart 375-6 Unrestricted Use SCO [1] (ug/kg)	Sample ID:	MW-13 (90-92')	MW-14 (82-84')	MW-14 (108-110')	MW-17 (7-9')	MW-17 (25-27')	MW-17 (103-105')	MW-17 (113-115')	MW-18 (82-84')	MW-18 (97-99')	MW-19 (2-3')	MW-19 (5-7')	MW-19 (67-69')	MW-19 (77-79')
		Sample Depth (ft bls):	90 - 92	82 - 84	108 - 110	7 - 9	25 - 27	103 - 105	113 - 115	82 - 84	97 - 99	2 - 3	5 - 7	67 - 69	77 - 79
		Sample Date:	02/24/12	02/13/12	02/14/12	02/15/12	02/15/12	02/16/12	02/16/12	02/15/12	02/15/12	02/20/12	02/20/12	02/20/12	02/21/12
Acetone	50		**250**	**220**	**120 J**	**110 J**	**43 J**	**9.2 J**	**160**	**63**	**64**	**110 J**	**83 J**	**21 J**	<30 BJ
Dichlorodifluoromethane	-		<6.0	<6.2	<5.0	<4.8	<5.8	<5.6	<5.7	<5.5	<6.6	<5.3	<5.3	<6.3	<6.0
Benzene	60		<6.0	**2.8 J**	<5.0	**0.48 J**	<5.8	<5.6	<5.7	<5.5	<6.6	<5.3	**0.20 J**	**0.62 J**	<6.0
Bromodichloromethane	-		<6.0	<6.2 J	<5.0	<4.8	<5.8	<5.6 J	<5.7 J	<5.5 J	<6.6 J	<5.3	<5.3	<6.3	<6.0
Bromoform	-		<6.0	<6.2	<5.0	<4.8	<5.8	<5.6	<5.7	<5.5	<6.6	<5.3	<5.3	<6.3 J	<6.0
Bromomethane	-		<6.0	<6.2	<5.0 J	<4.8 J	<5.8 J	<5.6	<5.7	<5.5	<6.6	<5.3	<5.3	<6.3	<6.0
2-Butanone (MEK)	120		**6.5 J**	**11 J**	**5.1 J**	**7.8 J**	**3.6 J**	<28	**8.7 J**	**3.1 J**	**2.7 J**	**10 J**	**8.0 J**	<31	<30
Trichlorofluoromethane	-		<6.0 J	<6.2	<5.0 J	<4.8 J	<5.8 J	<5.6	<5.7	<5.5	<6.6	<5.3 J	<5.3 J	<6.3 J	<6.0 J
Carbon disulfide	-		<6.0	<6.2	<5.0	**2.5 J**	**2.1 J**	<5.6	<5.7	<5.5	<6.6	**1.7 J**	**1.4 J**	**2.3 J**	**0.76 J**
Carbon tetrachloride	760		<6.0	<6.2	<5.0	<4.8	<5.8	<5.6	<5.7	<5.5	<6.6	<5.3	<5.3	<6.3	<6.0
Chlorobenzene	1,100		<6.0	<6.2	<5.0	<4.8	<5.8	<5.6	<5.7	<5.5	<6.6	<5.3	<5.3	<6.3	<6.0
1,1,2-Trichloro-1,2,2-trifluoroethane	-		<6.0 J	<6.2	<5.0	<4.8	<5.8	<5.6	<5.7	<5.5	<6.6	<5.3	<5.3	<6.3	<6.0
Chloroethane	-		<6.0	<6.2	<5.0 J	<4.8 J	<5.8 J	<5.6	<5.7	<5.5	<6.6	<5.3	<5.3	<6.3	<6.0
Chloroform	370		<6.0	<6.2	<5.0	<4.8	<5.8	<5.6	<5.7	<5.5	<6.6 B	<5.3	<5.3	<6.3 B	<6.0 B
Chloromethane	-		<6.0 J	<6.2	<5.0	<4.8	<5.8	<5.6	<5.7	<5.5	<6.6	<5.3	<5.3	<6.3	<6.0
Dibromochloromethane	-		<6.0	<6.2	<5.0	<4.8	<5.8	<5.6	<5.7	<5.5	<6.6	<5.3	<5.3	<6.3	<6.0
1,1-Dichloroethane	270		<6.0	<6.2	<5.0	<4.8	<5.8	<5.6	<5.7	<5.5	<6.6	<5.3	<5.3	<6.3	<6.0
1,2-Dichloroethane	20		**0.44 J**	<6.2	<5.0	<4.8	<5.8	<5.6	<5.7	<5.5	<6.6	<5.3	<5.3	<6.3	<6.0
1,1-Dichloroethene	330		<6.0	<6.2	<5.0	<4.8	<5.8	<5.6	<5.7	<5.5	<6.6	<5.3	<5.3	<6.3	<6.0
1,2-Dichloropropane	-		<6.0	<6.2	<5.0	<4.8	<5.8	<5.6	<5.7	<5.5	<6.6	<5.3	<5.3	<6.3	<6.0
cis-1,3-Dichloropropene	-		<6.0	<6.2	<5.0	<4.8	<5.8	<5.6	<5.7	<5.5	<6.6	<5.3	<5.3	<6.3	<6.0
Methyl acetate	-		**1.8 J**	<6.2	<5.0	<4.8	<5.8	<5.6	**2.2 J**	<5.5	<6.6	<5.3	<5.3	<6.3	<6.0
trans-1,3-Dichloropropene	-		<6.0	<6.2	<5.0	<4.8	<5.8	<5.6	<5.7	<5.5	<6.6	<5.3	<5.3	<6.3	<6.0
Ethylbenzene	1,000		<6.0	**14**	<5.0	**5.0**	<5.8	**0.96 J**	<5.7	**0.91 J**	<6.6	<5.3	<5.3	**37**	<6.0
2-Hexanone	-		<30	<31	<25	<24	<29	<28	<28	<27	<33	<26	<26	<31	<30
Methylene Chloride	50		**27**	**33**	**28**	**22**	<23 B	<23 B	**26**	**25**	**27**	<21 B	<21 B	<25 B	<24 B
4-Methyl-2-pentanone (MIBK)	-		<30	<31	<25	<24	<29	<28	<28	<27	<33	<26	<26	<31	<30
Styrene	-		<6.0	**26**	<5.0	<4.8	<5.8	**16**	<5.7	<5.5	<6.6	<5.3	<5.3	**7.2**	<6.0
1,1,2,2-Tetrachloroethane	-		<6.0	<6.2	<5.0	<4.8	<5.8	<5.6	<5.7	<5.5	<6.6	<5.3	<5.3	<6.3	<6.0
Tetrachloroethene	1,300		<6.0	<6.2	<5.0	<4.8	<5.8	<5.6	<5.7	<5.5	<6.6	<5.3	<5.3	<6.3	<6.0
Toluene	700		**1.3 J**	**27**	**0.73 J**	**3.4 J**	**0.34 J**	**3.3 J**	**0.73 J**	**0.82 J**	**0.75 J**	**0.32 J**	**0.23 J**	**6.1 J**	<6.0
1,1,1-Trichloroethane	680		<6.0	<6.2	<5.0	<4.8	<5.8	<5.6	<5.7	<5.5	<6.6	<5.3	<5.3	<6.3	<6.0
1,1,2-Trichloroethane	-		<6.0	<6.2	<5.0	<4.8	<5.8	<5.6	<5.7	<5.5	<6.6	<5.3	<5.3	<6.3	<6.0
Trichloroethene	470		<6.0	<6.2	<5.0	<4.8	<5.8	<5.6	<5.7	<5.5	<6.6	<5.3	<5.3	<6.3	<6.0
Vinyl chloride	20		<6.0	<6.2	<5.0	<4.8	<5.8	<5.6	<5.7	<5.5	<6.6	<5.3	<5.3	<6.3	<6.0
Xylenes, Total	260		<12	**23**	<9.9	**9.4 J**	<12	**4.7 J**	<11	**1.1 J**	<13	<11	<11	**13**	<12
cis-1,2-Dichloroethene	250		<6.0	<6.2	<5.0	<4.8	<5.8	<5.6	<5.7	<5.5	<6.6	<5.3	<5.3	<6.3	<6.0
Cyclohexane	-		<6.0	<6.2	<5.0	<4.8	<5.8	<5.6	<5.7	<5.5	<6.6	<5.3	<5.3	<6.3	<6.0
trans-1,2-Dichloroethene	190		<6.0	<6.2	<5.0	<4.8	<5.8	<5.6	<5.7	<5.5	<6.6	<5.3	<5.3	<6.3	<6.0
Isopropylbenzene	-		<6.0	<6.2	<5.0	**3.0 J**	<5.8	<5.6	<5.7	<5.5	<6.6	<5.3	<5.3	**0.47 J**	<6.0
1,3-Dichlorobenzene	2,400		<6.0	<6.2	<5.0	<4.8	<5.8	<5.6	<5.7	<5.5	<6.6	<5.3	<5.3	<6.3	<6.0
1,4-Dichlorobenzene	1,800		<6.0	<6.2	<5.0	<4.8	<5.8	<5.6	<5.7	<5.5	<6.6	<5.3	<5.3	<6.3	<6.0
1,2-Dichlorobenzene	1,100		<6.0	<6.2	<5.0	<4.8	<5.8	<5.6	<5.7	<5.5	<6.6	<5.3	<5.3	<6.3	<6.0
1,2-Dibromo-3-Chloropropane	-		<12	<12	<9.9	<9.5	<12	<11	<11	<11	<13	<11	<11	<13 J	<12
1,2,4-Trichlorobenzene	-		<6.0	<6.2	<5.0	<4.8	<5.8	<5.6	<5.7	<5.5	<6.6	<5.3	<5.3	<6.3	<6.0
1,2-Dibromoethane	-		<6.0	<6.2	<5.0	<4.8	<5.8	<5.6	<5.7	<5.5	<6.6	<5.3	<5.3	<6.3	<6.0
Methyl tert-butyl ether	930		<6.0	<6.2	<5.0	<4.8	<5.8	<5.6	<5.7	<5.5	<6.6	<5.3	<5.3	<6.3	<6.0
Methylcyclohexane	-		<6.0	**0.39 J**	<5.0	**12**	<5.8	<5.6	<5.7	<5.5	<6.6	<5.3	<5.3	**0.32 J**	<6.0
1,4-Dioxane	100		R	R	R	R	R	R	R	R	R	R	R	R	R
n-Butylbenzene	12,000		<6.0	<6.2	<5.0	<4.8	<5.8	<5.6	<5.7	<5.5	<6.6	<5.3	<5.3	<6.3	<6.0
n-Propylbenzene	3,900		<6.0	**0.47 J**	<5.0	<4.8	<5.8	<5.6	<5.7	<5.5	<6.6	<5.3	<5.3	**0.89 J**	<6.0
sec-Butylbenzene	11,000		<6.0	<6.2	<5.0	<4.8	<5.8	<5.6	<5.7	<5.5	<6.6	<5.3	<5.3	<6.3	<6.0
tert-Butylbenzene	5,900		<6.0	<6.2	<5.0	<4.8	<5.8	<5.6	<5.7	<5.5	<6.6	<5.3	<5.3	<6.3	<6.0
1,2,4-Trimethylbenzene	3,600		<6.0	**5.1 J**	<5.0	**39**	**0.30 J**	**1.0 J**	<5.7	<5.5	<6.6	<5.3	**0.25 J**	**2.9 J**	<6.0
1,3,5-Trimethylbenzene	8,400		<6.0	**1.8 J**	<5.0	**37**	**0.21 J**	**0.27 J**	<5.7	<5.5	<6.6	<5.3	<5.3	**0.98 J**	<6.0

See footnotes on last page.

Table 6. Concentrations of Volatile Organic Compounds in Soil Samples Collected from Soil Borings and Compared to Unrestricted Use SCOs, Former Dangman Park MGP Site, Brooklyn, New York.

Compound (Units in ug/kg)	NYSDEC Subpart 375-6 Unrestricted Use SCO [1] (ug/kg)	Sample ID:	MW-20 (80-82')	MW-20 (85-86')	DUP112113	MW-20 (90-92')
		Sample Depth (ft bls):	80 - 82	85 - 86	85 - 86	90 - 92
		Sample Date:	11/21/13	11/21/13	11/21/13	11/21/13
					MW-20 (85-86') Duplicate	
Acetone	50		<32 B	<33 B	<34 B	<35 B
Dichlorodifluoromethane	-		<6.3 J	<6.6 J	<6.9 J	<7.0 J
Benzene	60		**0.47 J**	**0.24 J**	**0.77 J**	**1.1 J**
Bromodichloromethane	-		<6.3	<6.6	<6.9	<7.0
Bromoform	-		<6.3	<6.6	<6.9	<7.0
Bromomethane	-		<6.3	<6.6	<6.9	<7.0
2-Butanone (MEK)	120		<32	<33	<34	R
Trichlorofluoromethane	-		<6.3	<6.6	<6.9	<7.0
Carbon disulfide	-		<6.3	<6.6	<6.9	<7.0
Carbon tetrachloride	760		<6.3	<6.6	<6.9	<7.0
Chlorobenzene	1,100		<6.3	<6.6	<6.9	<7.0
1,1,2-Trichloro-1,2,2-trifluoroethane	-		<6.3	<6.6	<6.9	<7.0
Chloroethane	-		<6.3	<6.6	<6.9	<7.0
Chloroform	370		<6.3	<6.6 B	<6.9 B	<7.0 B
Chloromethane	-		**2.0 J**	<6.6	<6.9	<7.0
Dibromochloromethane	-		<6.3	<6.6	<6.9	<7.0
1,1-Dichloroethane	270		<6.3	<6.6	<6.9	<7.0
1,2-Dichloroethane	20		<6.3	<6.6	<6.9	<7.0
1,1-Dichloroethene	330		<6.3	<6.6	<6.9	<7.0
1,2-Dichloropropane	-		<6.3	<6.6	<6.9	<7.0
cis-1,3-Dichloropropene	-		<6.3	<6.6	<6.9	<7.0
Methyl acetate	-		<6.3	<6.6	<6.9	<7.0
trans-1,3-Dichloropropene	-		<6.3	<6.6	<6.9	<7.0
Ethylbenzene	1,000		<6.3	<6.6	<6.9	<7.0
2-Hexanone	-		<32	<33	<34	<35
Methylene Chloride	50		<25 B	<26 B	<28 B	<28 B
4-Methyl-2-pentanone (MIBK)	-		<32	<33	<34	<35
Styrene	-		<6.3	<6.6	<6.9	<7.0
1,1,2,2-Tetrachloroethane	-		<6.3	<6.6	<6.9	<7.0
Tetrachloroethene	1,300		<6.3	<6.6	<6.9	<7.0
Toluene	700		**0.66 J**	**0.43 J**	**0.53 J**	**0.45 J**
1,1,1-Trichloroethane	680		<6.3	<6.6	<6.9	<7.0
1,1,2-Trichloroethane	-		<6.3	<6.6	<6.9	<7.0
Trichloroethene	470		<6.3	<6.6	<6.9	<7.0
Vinyl chloride	20		<6.3	<6.6	<6.9	<7.0
Xylenes, Total	260		<13	<13	<14	<14
cis-1,2-Dichloroethene	250		<6.3	<6.6	<6.9	<7.0
Cyclohexane	-		<6.3	<6.6	<6.9	<7.0
trans-1,2-Dichloroethene	190		<6.3	<6.6	<6.9	<7.0
Isopropylbenzene	-		<6.3	<6.6	<6.9	<7.0
1,3-Dichlorobenzene	2,400		<6.3	<6.6	<6.9	<7.0
1,4-Dichlorobenzene	1,800		<6.3	<6.6	<6.9	<7.0
1,2-Dichlorobenzene	1,100		<6.3	<6.6	<6.9	<7.0
1,2-Dibromo-3-Chloropropane	-		<13	<13	<14	<14
1,2,4-Trichlorobenzene	-		<6.3	<6.6	<6.9	<7.0 J
1,2-Dibromoethane	-		<6.3	<6.6	<6.9	<7.0
Methyl tert-butyl ether	930		<6.3	<6.6	<6.9	<7.0
Methylcyclohexane	-		<6.3	<6.6	<6.9	<7.0
1,4-Dioxane	100		<250 J	<260 J	<280 J	<280 J
n-Butylbenzene	12,000		<6.3	<6.6	<6.9	<7.0 J
n-Propylbenzene	3,900		<6.3	<6.6	<6.9	<7.0
sec-Butylbenzene	11,000		<6.3	<6.6	<6.9	<7.0 J
tert-Butylbenzene	5,900		<6.3	<6.6	<6.9	<7.0 J
1,2,4-Trimethylbenzene	3,600		<6.3	<6.6	<6.9	<7.0 J
1,3,5-Trimethylbenzene	8,400		<6.3	<6.6	<6.9	<7.0 J

See footnotes on last page.

Table 6. Concentrations of Volatile Organic Compounds in Soil Samples Collected from Soil Borings and Compared to Unrestricted Use SCOs, Former Dangman Park MGP Site, Brooklyn, New York.

1	Table 375-6.8(a): Unrestricted Use Soil Cleanup Objectives.
NYSDEC	New York State Department of Environmental Conservation.
SCO	Soil Cleanup Objective.
ug/kg	Micrograms per kilogram.
B	Non-detect at the listed value due to associated blank contamination.
D	Compound quantitated at a secondary dilution.
J	Estimated value.
R	Result rejected.
ft bls	Feet below land surface.
-	Not available.
Bold	Indicates detection above laboratory Method Detection Limit.
	Compound concentration exceeds Unrestricted Use SCO.

Table 7. Concentrations of Semi-Volatile Organic Compounds in Soil Samples Collected from Soil Borings and Compared to Restricted Use SCOs, Former Dangman Park MGP Site, Brooklyn, New York.

Compound (Units in ug/kg)	NYSDEC Subpart 375-6 Protection of Public Health Commercial Use SCO [1] (ug/kg)	NYSDEC Subpart 375-6 Protection of Groundwater SCO [1] (ug/kg)	Sample ID:	SB-4 (98-100')	SB-5 (78-80')	SB-6 (2-3')	SB-6 (6-8')	SB-6 (43-45')	SB-6 (58-60')	SB-7 (2-3')	SB-7 (6-8')	SB-8 (2-3')	SB-8 (6-8')	SB-9 (2-3')	SB-9 (6-8')	SB-9 (72-73.5')	SB-9 (95.5-97.5')
			Sample Depth (ft bls):	98 - 100	78 - 80	2 - 3	6 - 8	43 - 45	58 - 60	2 - 3	6 - 8	2 - 3	6 - 8	2 - 3	6 - 8	72 - 73.5	95.5 - 97.5
			Sample Date:	10/15/11	10/13/11	10/17/11	10/17/11	10/17/11	10/17/11	10/18/11	10/18/11	12/08/11	12/09/11	12/07/11	12/07/11	12/08/11	12/08/11
Phenol	500,000	330		<390	<430	<8,800 J	<380	<4,100 J	<390	<380	<720	<380	<380	<2,000	<830	<110,000 J	<420
Bis(2-chloroethyl)ether	-	-		<39	<43	<880 J	<38	<410 J	<39	<38	<72	<38	<38	<200	<83	<11,000 J	<42
2-Chlorophenol	500,000 [2]	-		<390	<430	<8,800 J	<380	<4,100 J	<390	<380	<720	<380	<380	<2,000	<830	<110,000 J	<420
Benzaldehyde	-	-		<390 J	<430 J	<8,800 J	<380 J	<4,100 J	<390 J	<380 J	<720 J	<380 J	<380 J	<2,000 J	<830 J	<110,000 J	<420 J
2,2'-oxybis[1-chloropropane]	-	-		<390	<430	<8,800 J	<380	<4,100 J	<390	<380	<720	<380	<380	<2,000	<830	<110,000 J	<420
2-Methylphenol	500,000	330		<390	<430	<8,800 J	<380	<4,100 J	<390	<380	<720	<380	<380	<2,000	<830	<110,000 J	<420
Hexachloroethane	-	-		<39	<43	<880 J	<38	<410 J	<39	<38	<72	<38	<38	<200	<83	<11,000 J	<42
N-Nitrosodi-n-propylamine	-	-		<39	<43	<880 J	<38	<410 J	<39	<38	<72	<38	<38	<200	<83	<11,000 J	<42
3 & 4 Methylphenol	500,000	330		<390	<430	<8,800 J	<380	<4,100 J	<390	<380	<720	<380	<380	<2,000	<830	<110,000 J	<420
Nitrobenzene	69,000 [2]	170 [2]		<39	<43	<880 J	<38	<410 J	<39	<38	<72	<38	<38	<200	<83	<11,000 J	<42
Isophorone	500,000 [2]	4,400 [2]		<390	<430	<8,800 J	<380	<4,100 J	<390	<380	<720	<380	<380	<2,000	<830	<110,000 J	<420
2-Nitrophenol	-	300 [2]		<390	<430	<8,800 J	<380	<4,100 J	<390	<380	<720	<380	<380	<2,000	<830	<110,000 J	<420
Acetophenone	-	-		<390	<430	<8,800 J	<380	<4,100 J	<390	<380	<720	<380	<380	<2,000	<830	<110,000 J	<420
2,4-Dimethylphenol	-	-		<390	<430	<8,800 J	<380	<4,100 J	<390	<380	<720	<380	<380	<2,000	<830	<110,000 J	<420
Bis(2-chloroethoxy)methane	-	-		<390	<430	<8,800 J	<380	<4,100 J	<390	<380	<720	<380	<380	<2,000	<830	<110,000 J	<420
2,4-Dichlorophenol	500,000 [2]	400 [2]		<390	<430	<8,800 J	<380	<4,100 J	<390	<380	<720	<380	<380	<2,000	<830	<110,000 J	<420
Naphthalene	500,000	12,000		<390	<430	<8,800 J	**140 J**	**4,300 J**	<390	<380	<720	**310 J**	<380	**3,300**	<830	**71,000 J**	<420
4-Chloroaniline	500,000 [2]	220 [2]		<390	<430	<8,800 J	<380	<4,100 J	<390	<380	<720	<380	<380	<2,000	<830	<110,000 J	<420
Hexachlorobutadiene	-	-		<79	<87	<1,800 J	<77	<820 J	<80	<77	<150	<77	<77	<420	<170	<23,000 J	<86
4-Chloro-3-methylphenol	-	-		<390	<430	<8,800 J	<380	<4,100 J	<390	<380	<720	<380	<380	<2,000	<830	<110,000 J	<420
2-Methylnaphthalene	-	36,400 [2]		<390	<430	**2,500 J**	**140 J**	**2,000 J**	<390	<380	<720	**170 J**	<380	**3,000**	<830	**96,000 J**	<420
Hexachlorocyclopentadiene	-	-		<390	<430	<8,800 J	<380	<4,100 J	<390	<380	<720	<380	<380	<2,000	<830	<110,000 J	<420
2,4,6-Trichlorophenol	-	-		<390	<430	<8,800 J	<380	<4,100 J	<390	<380	<720	<380	<380	<2,000	<830	<110,000 J	<420
2,4,5-Trichlorophenol	500,000 [2]	100 [2]		<390	<430	<8,800 J	<380	<4,100 J	<390	<380	<720	<380	<380	<2,000	<830	<110,000 J	<420
2-Chloronaphthalene	-	-		<390	<430	<8,800 J	<380	<4,100 J	<390	<380	<720	<380	<380	<2,000	<830	<110,000 J	<420
2-Nitroaniline	-	400 [2]		<790 J	<870	<18,000 J	<770	<8,200 J	<800 J	<770	<1,500	<770	<770	<4,200	<1,700	<230,000 J	<860
Acenaphthylene	500,000	107,000		<390	<430	**8,400 J**	**95 J**	**890 J**	<390	<380	**350 J**	**94 J**	<380	**740 J**	**1,500**	**450,000 J**	<420
Caprolactam	-	-		<390	<430	<8,800 J	<380	<4,100 J	<390	<380	<720	<380	<380	<2,000	<830	<110,000 J	<420
Dimethyl phthalate	500,000 [2]	27,000 [2]		<390	<430	<8,800 J	<380	<4,100 J	<390	<380	<720	<380	<380	<2,000	<830	<110,000 J	<420
2,6-Dinitrotoluene	-	1,000 [2]		<79	<87	<1,800 J	<77	<820 J	<80	<77	<150	<77	<77	<420	<170	<23,000 J	<86
Acenaphthene	500,000	98,000		<390	<430	**1,900 J**	**840**	**17,000 J**	<390	<380	**1,200**	**180 J**	<380	**1,400 J**	**260 J**	**45,000 J**	<420
3-Nitroaniline	-	500 [2]		<790	<870	<18,000 J	<770	<8,200 J	<800	<770	<1,500	<770	<770	<4,200	<1,700	<230,000 J	<860
2,4-Dinitrophenol	500,000 [2]	200 [2]		<1,200	<1,300	<27,000 J	<1,200	<12,000 J	R	<1,100	<2,200	<1,100	<1,200	<6,200	<2,500	<340,000 J	<1,300
Dibenzofuran	350,000	6,200 [2]		<390	<430	<8,800 J	<380	<4,100 J	<390	<380	<720	**170 J**	<380	**730 J**	<830	<110,000 J	<420
2,4-Dinitrotoluene	-	-		<79	<87	<1,800 J	<77	<820 J	<80	<77	<150	<77	<77	<420	<170	<23,000 J	<86
4-Nitrophenol	-	100 [2]		<1,200	<1,300	<27,000 J	<1,200	<12,000 J	<1,200	<1,100	<2,200	<1,100	<1,200	<6,200	<2,500	<340,000 J	<1,300
Fluorene	500,000	386,000		<390	<430	**7,400 J**	**240 J**	**8,100 J**	<390	<380	**230 J**	**300 J**	<380	**1,600 J**	**170 J**	**320,000 J**	<420
1,1'-Biphenyl	-	-		<390	<430	<8,800 J	<380	**4,200 J**	<390	<380	<720	<380	<380	**370 J**	<830	**89,000 J**	<420
4-Chlorophenyl phenyl ether	-	-		<390	<430	<8,800 J	<380	<4,100 J	<390	<380	<720	<380	<380	<2,000	<830	<110,000 J	<420
Diethyl phthalate	500,000 [2]	7,100 [2]		<390	<430	<8,800 J	<380	<4,100 J	<390	<380	<720	<380	<380	<2,000	<830	<110,000 J	<420
4-Nitroaniline	-	-		<790 J	<870	<18,000 J	<770	<8,200 J	<800	<770	<1,500	<770	<770	<4,200	<1,700	<230,000 J	<860
4,6-Dinitro-2-methylphenol	-	-		<1,200	<1,300	<27,000 J	<1,200	<12,000 J	<1,200	<1,100	<2,200	<1,100	<1,200	<6,200	<2,500	<340,000 J	<1,300
N-Nitrosodiphenylamine	-	-		<390	<430	<8,800 J	<380	<4,100 J	<390	<380	<720	<380	<380	<2,000	<830	<110,000 J	<420
4-Bromophenyl phenyl ether	-	-		<390	<430	<8,800 J	<380	<4,100 J	<390	<380	<720	<380	<380	<2,000	<830	<110,000 J	<420
Hexachlorobenzene	6,000	3,200		<39	<43	<880 J	<38	<410 J	<39	<38	<72	<38	<38	<200	<83	<11,000 J	<42
Pentachlorophenol	6,700	800		<1,200	<1,300	<27,000 J	<1,200	<12,000 J	<1,200	<1,100	<2,200	<1,100	<1,200	<6,200	<2,500	<340,000 J	<1,300
Phenanthrene	500,000	1,000,000		<390	<430	**58,000 J**	**1,000**	**41,000 J**	<390	<380	**950**	**2,600**	<380	**13,000**	**400 J**	**1,600,000 J**	<420
Carbazole	-	-		<390	<430	<8,800 J	<380	<4,100 J	<390	<380	<720	**270 J**	<380	**1,100 J**	<830	<110,000 J	<420
Anthracene	500,000	1,000,000		<390	<430	**13,000 J**	**310 J**	**8,200 J**	<390	<380	**550 J**	**620**	<380	**3,600**	**370 J**	**320,000 J**	<420
Di-n-butyl phthalate	500,000 [2]	8,100 [2]		<390	<430	<8,800 J	<380	<4,100 J	<390	<380	<720	<380	<380	<2,000	<830	<110,000 J	<420
Fluoranthene	500,000	1,000,000		<390	<430	**56,000 J**	**560**	**13,000 J**	<390	<380	**110 J**	**2,200**	**3,200**	<380	**24,000**	**620 J**	**660,000 J**	<420
Pyrene	500,000	1,000,000		<390	<430	**140,000 J**	**1,800**	**18,000 J**	<390	<380	**250 J**	**6,600**	**3,600**	<380	**22,000**	**3,400**	**880,000 J**	<420
Butyl benzyl phthalate	500,000 [2]	122,000 [2]		<390	<430	<8,800 J	<380	<4,100 J	<390	<380	<720	<380	<380	<2,000	<830	<110,000 J	<420
3,3'-Dichlorobenzidine	-	-		<790	<870	<18,000 J	<770	<8,200 J	<800	<770	<1,500	<770	<770	<4,200	<1,700	<230,000 J	<860
Benzo[a]anthracene	5,600	1,000		<39	<43	**61,000 J**	**440**	**6,200 J**	<39	**110**	**1,500**	**1,600**	<38	**11,000**	**560**	**300,000 J**	<42
Chrysene	56,000	1,000		<390	<430	**75,000 J**	**670**	**5,900 J**	<390	**120 J**	**2,200**	**1,800**	<380	**12,000**	**2,000**	**260,000 J**	<420
Bis(2-ethylhexyl) phthalate	-	435,000 [2]		<390	<430	<8,800 J	<380	<4,100 J	<390	<380	<720	**260 J**	<380	<2,000	<830	<110,000 J	**370 J**
Di-n-octyl phthalate	500,000 [2]	120,000 [2]		<390	<430	<8,800 J	<380	<4,100 J	<390	<380	<720	<380	<380	<2,000	<830	<110,000 J	<420
Benzo[b]fluoranthene	5,600	1,700		<39	<43	**46,000 J**	**410**	**4,000 J**	<39	**140**	**1,900**	**2,200**	<38	**15,000**	**1,600**	**240,000 J**	<42
Atrazine	-	-		<390	<430	<8,800 J	<380	<4,100 J	<390	<380	<720	<380	<380	<2,000	<830	<110,000 J	<420
Benzo[k]fluoranthene	56,000	1,700		<39	<43	**20,000 J**	**130**	**1,700 J**	<39	**46**	**580**	**900**	<38	**7,500**	**740**	**81,000 J**	<42
Benzo[a]pyrene	1,000	22,000		<39	<43	**31,000 J**	**690**	**5,600 J**	<39	**120**	**3,400**	**2,000**	<38	**13,000**	**6,300**	**330,000 J**	<42
Indeno[1,2,3-cd]pyrene	5,600	8,200		<39	<43	**35,000 J**	**400**	**2,200 J**	<39	**110**	**3,700**	**1,400**	<38	**10,000**	**6,300**	**200,000 J**	<42
Dibenz(a,h)anthracene	560	1,000,000		<39	<43	**9,600 J**	**91**	**490 J**	<39	**18 J**	**480**	**420**	<38	**2,800**	**940**	**49,000 J**	<42
Benzo[g,h,i]perylene	500,000	1,000,000		<390	<430	**53,000 J**	**570**	**3,300 J**	<390	**140 J**	**4,900**	**1,400**	<380	**9,500**	**8,200**	**240,000 J**	<420

See footnotes on last page.

Table 7. Concentrations of Semi-Volatile Organic Compounds in Soil Samples Collected from Soil Borings and Compared to Restricted Use SCOs, Former Dangman Park MGP Site, Brooklyn, New York.

Compound (Units in ug/kg)	NYSDEC Subpart 375-6 Protection of Public Health Commercial Use SCO [1] (ug/kg)	NYSDEC Subpart 375-6 Protection of Groundwater SCO [1] (ug/kg)	Sample ID: / Sample Depth (ft bls): / Sample Date:	SB-10 (2-3') 2 - 3 12/12/11	SB-10 (6-8') 6 - 8 12/13/11	DUP121311 6 - 8 12/13/11 SB-10 (6-8') Duplicate	SB-11 (2-3') 2 - 3 12/06/11	SB-11 (6-8') 6 - 8 12/06/11	SB-11 (40.5-42.5') 40.5 - 42.5 12/06/11	SB-11 (67-69') 67 - 69 12/07/11	SB-12 (2-3') 2 - 3 12/13/11	SB-12 (6-8') 6 - 8 12/13/11	SB-13 (2-3') 2 - 3 10/31/11	Dup103111 2 - 3 10/31/11 SB-13 (2-3') Duplicate	SB-13 (6-8') 6 - 8 10/31/11	SB-13 (50-52') 50 - 52 11/01/11	SB-13 (60-62') 60 - 62 11/2/11
Phenol	500,000	330		<370	<510	<510	<2,100	<750	<410	<390	<720	<440	<740	<740	<360	<420	<390
Bis(2-chloroethyl)ether	-	-		<37	<51	<51	<210	<75	<41	<39	<72	<44	<74	<74	<36	<42	<39
2-Chlorophenol	500,000 [2]	-		<370 J	<510	<510	<2,100	<750	<410	<390	<720	<440	<740	<740	<360	<420	<390
Benzaldehyde	-	-		<370 J	<510 J	<510 J	<2,100 J	<750 J	<410 J	<390 J	<720 J	<440 J	<740 J	<740 J	<360 J	<420 J	<390 J
2,2'-oxybis[1-chloropropane]	-	-		<370	<510	<510	<2,100	<750	<410	<390	<720	<440	<740	<740	<360	<420	<390
2-Methylphenol	500,000	330		<370	<510	<510	<2,100	<750	<410	<390	<720	<440	<740	<740	<360	<420	<390
Hexachloroethane	-	-		<37	<51	<51	<210	<75	<41	<39	<72	<44	<74	<74	<36	<42	<39
N-Nitrosodi-n-propylamine	-	-		<37	<51	<51	<210	<75	<41	<39	<72	<44	<74	<74	<36	<42	<39
3 & 4 Methylphenol	500,000	330		<370	<510	<510	<2,100	<750	<410	<390	<720	<440	<740	<740	<360	<420	<390
Nitrobenzene	69,000 [2]	170 [2]		<37	<51	<51	<210	<75	<41	<39	<72	<44	<74	<74	<36	<42	<39
Isophorone	500,000 [2]	4,400 [2]		<370	<510	<510	<2,100	<750	<410	<390	<720	<440	<740	<740	<360	<420	<390
2-Nitrophenol	-	300 [2]		<370	<510	<510	<2,100	<750	<410	<390	<720	<440	<740	<740	<360	<420	<390
Acetophenone	-	-		<370	<510	<510	<2,100	<750	<410	<390	<720	<440	<740	<740	<360	<420	<390
2,4-Dimethylphenol	-	-		<370	<510	<510	<2,100	<750	<410	<390	<720	<440	<740	<740	<360	<420	<390
Bis(2-chloroethoxy)methane	-	-		<370	<510	<510	<2,100	<750	<410	<390	<720	<440	<740	<740	<360	<420	<390
2,4-Dichlorophenol	500,000 [2]	400 [2]		<370	<510	<510	<2,100	<750	<410	<390	<720	<440	<740	<740	<360	<420	<390
Naphthalene	500,000	12,000		**130 J**	<510	<510	**2,400**	<750	**78 J**	**89 J**	**320 J**	<440	**300 J**	**280 J**	<360	<420	<390
4-Chloroaniline	500,000 [2]	220 [2]		<370	<510	<510	<2,100	<750	<410	<390	<720	<440	<740	<740	<360	<420	<390
Hexachlorobutadiene	-	-		<74	<100	<100	<430	<150	<82	<79	<150	<88	<150	<150	<73	<85	<80
4-Chloro-3-methylphenol	-	-		<370	<510	<510	<2,100	<750	<410	<390	<720	<440	<740	<740	<360	<420	<390
2-Methylnaphthalene	-	36,400 [2]		**94 J**	<510	<510	**720 J**	**110 J**	<410	<390	**1,300**	<440	**190 J**	**160 J**	<360	<420	<390
Hexachlorocyclopentadiene	-	-		<370	<510	<510	<2,100	<750	<410	<390	<720	<440	<740	<740	<360	<420	<390
2,4,6-Trichlorophenol	-	-		<370	<510	<510	<2,100	<750	<410	<390	<720	<440	<740	<740	<360	<420	<390
2,4,5-Trichlorophenol	500,000 [2]	100 [2]		<370	<510	<510	<2,100	<750	<410	<390	<720	<440	<740	<740	<360	<420	<390
2-Chloronaphthalene	-	-		<370	<510	<510	<2,100	<750	<410	<390	<720	<440	<740	<740	<360	<420	<390
2-Nitroaniline	-	400 [2]		<740	<1,000	<1,000	<4,300	<1,500	<820	<790	<1,500	<880	<1,500	<1,500	<730	<850	<800
Acenaphthylene	500,000	107,000		<370	<510	<510	**590 J**	**1,300**	<410	<390	<720	<440	**530 J**	**470 J**	**320 J**	<420	<390
Caprolactam	-	-		<370	<510	<510	<2,100	<750	<410	<390	<720	<440	<740	<740	<360	<420	<390
Dimethyl phthalate	500,000 [2]	27,000 [2]		<370	<510	<510	<2,100	<750	<410	<390	<720	<440	<740	<740	<360	<420	<390
2,6-Dinitrotoluene	-	1,000 [2]		<74	<100	<100	<430	<150	<82	<79	<150	<88	<150	<150	<73	<85	<80
Acenaphthene	500,000	98,000		**110 J**	<510	<510	**1,400 J**	**170 J**	<410	<390	**470 J**	<440	**390 J**	**360 J**	<360	<420	<390
3-Nitroaniline	-	500 [2]		<740	<1,000	<1,000	<4,300	<1,500	<820	<790	<1,500	<880	<1,500	<1,500	<730	<850	<800
2,4-Dinitrophenol	500,000 [2]	200 [2]		<1,100 J	<1,500	<1,600	<6,400	<2,300	<1,200	<1,200	<2,200	<1,300	<2,200	<2,200	<1,100	<1,300	<1,200
Dibenzofuran	350,000	6,200 [2]		**64 J**	<510	<510	**880 J**	<750	<410	<390	<720	<440	**350 J**	**300 J**	<360	<420	<390
2,4-Dinitrotoluene	-	-		<74	<100	<100	<430	<150	<82	<79	<150	<88	<150	<150	<73	<85	<80
4-Nitrophenol	-	100 [2]		<1,100	<1,500	<1,600	<6,400	<2,300	<1,200	<1,200	<2,200	<1,300	<2,200	<2,200	<1,100	<1,300	<1,200
Fluorene	500,000	386,000		**140 J**	<510	<510	**2,400**	<750	<410	<390	**810**	<440	**830**	**760**	<360	<420	<390
1,1'-Biphenyl	-	-		<370	<510	<510	**350 J**	<750	<410	<390	**180 J**	<440	**150 J**	**140 J**	<360	<420	<390
4-Chlorophenyl phenyl ether	-	-		<370	<510	<510	<2,100	<750	<410	<390	<720	<440	<740	<740	<360	<420	<390
Diethyl phthalate	500,000 [2]	7,100 [2]		<370	<510	<510	<2,100	<750	<410	<390	<720	<440	<740	<740	<360	<420	<390
4-Nitroaniline	-	-		<740	<1,000	<1,000	<4,300	<1,500	<820	<790	<1,500	<880	<1,500	<1,500	<730	<850	<800
4,6-Dinitro-2-methylphenol	-	-		<1,100 J	<1,500	<1,600	<6,400	<2,300	<1,200	<1,200	<2,200	<1,300	<2,200	<2,200	<1,100	<1,300	<1,200
N-Nitrosodiphenylamine	-	-		<370	<510	<510	<2,100	<750	<410	<390	<720	<440	<740	<740	<360	<420	<390
4-Bromophenyl phenyl ether	-	-		<370	<510	<510	<2,100	<750	<410	<390	<720	<440	<740	<740	<360	<420	<390
Hexachlorobenzene	6,000	3,200		<37	<51	<51	<210	<75	<41	<39	<72	<44	<74	<74	<36	<42	<39
Pentachlorophenol	6,700	800		<1,100	<1,500	<1,600	<6,400	<2,300	<1,200	<1,200	<2,200	<1,300	<2,200	<2,200	<1,100	<1,300	<1,200
Phenanthrene	500,000	1,000,000		**1,300**	<510	**150 J**	**15,000**	<750	**80 J**	<390	**4,900**	**120 J**	**11,000**	**10,000**	**99 J**	<420	<390
Carbazole	-	-		**100 J**	<510	<510	**1,200 J**	<750	<410	<390	**370 J**	<440	**620 J**	**570 J**	<360	<420	<390
Anthracene	500,000	1,000,000		**230 J**	<510	<510	**3,700**	<750	<410	<390	**800**	<440	**1,600**	**1,400**	<360	<420	<390
Di-n-butyl phthalate	500,000 [2]	8,100 [2]		<370	<510	<510	<2,100	<750	<410	<390	<720	<440	<740	<740	<360	<420	<390
Fluoranthene	500,000	1,000,000		**1,400**	<510	**300 J**	**17,000**	<750	<410	<390	**4,100**	**270 J**	**14,000**	**13,000**	**440**	<420	<390
Pyrene	500,000	1,000,000		**1,400**	<510	**370 J**	**15,000**	**520 J**	<410	<390	**3,800**	**380 J**	**14,000**	**13,000**	**1,600**	<420	<390
Butyl benzyl phthalate	500,000 [2]	122,000 [2]		<370	<510	<510	<2,100	<750	<410	<390	<720	<440	<740	<740	<360	<420	<390
3,3'-Dichlorobenzidine	-	-		<740	<1,000	<1,000	<4,300	<1,500	<820	<790	<1,500	<880	<1,500	<1,500	<730	<850	<800
Benzo[a]anthracene	5,600	1,000		**600**	<51	**160**	**7,600**	**160**	<41	<39	**1,900**	**160**	**5,500**	**5,500**	**390**	<42	<39
Chrysene	56,000	1,000		**700**	<510	**170 J**	**8,400**	**600 J**	<410	<390	**2,600**	**150 J**	**6,600**	**5,900**	**690**	<420	<390
Bis(2-ethylhexyl) phthalate	-	435,000 [2]		**170 J**	<510	<510	<2,100	<750	<410	<390	<720	<440	<740	<740	<360	<420	<390
Di-n-octyl phthalate	500,000 [2]	120,000 [2]		<370	<510	<510	<2,100	<750	<410	<390	<720	<440	<740	<740	<360	<420	<390
Benzo[b]fluoranthene	5,600	1,700		**880**	<51	**190**	**10,000**	**270**	<41	<39	**1,800**	**180**	**6,600**	**6,600**	**610**	<42	<39
Atrazine	-	-		<370	<510	<510	<2,100	<750	<410	<390	<720	<440	<740	<740	<360	<420	<390
Benzo[k]fluoranthene	56,000	1,700		**330**	<51	**77**	**4,800**	**85**	<41	<39	**780**	**54**	**2,600**	**2,600**	**170**	<42	<39
Benzo[a]pyrene	1,000	22,000		**800 J**	<51	**180**	**8,800**	**780**	<41	<39	**1,800 J**	**180 J**	**6,300**	**6,200**	**1,800**	<42	<39
Indeno[1,2,3-cd]pyrene	5,600	8,200		**650 J**	<51	**120**	**6,300**	**8,200**	<41	<39	**1,300**	**99**	**5,500**	**5,400**	**2,100**	<42	<39
Dibenz(a,h)anthracene	560	1,000,000		**150 J**	<51	<51	**1,700**	**620**	<41	<39	**330**	**27 J**	**1,200**	**1,200**	**250**	<42	<39
Benzo[g,h,i]perylene	500,000	1,000,000		**690 J**	<510	**110 J**	**6,800**	**12,000**	<410	<390	**1,500**	**120 J**	**5,300**	**5,700**	**3,200**	<420	<390

See footnotes on last page.

Table 7. Concentrations of Semi-Volatile Organic Compounds in Soil Samples Collected from Soil Borings and Compared to Restricted Use SCOs, Former Dangman Park MGP Site, Brooklyn, New York.

Compound (Units in ug/kg)	NYSDEC Subpart 375-6 Protection of Public Health Commercial Use SCO [1] (ug/kg)	NYSDEC Subpart 375-6 Protection of Groundwater SCO [1] (ug/kg)	Sample ID: / Sample Depth (ft bls): / Sample Date:	SB-14 (2.5-3.5') 2.5 - 3.5 11/02/11	SB-14 (6-8') 6 - 8 11/02/11	SB-16 (2-3') 2 - 3 12/14/11	SB-16 (5-7') 5 - 7 12/14/11	SB-17 (2-3') 2 - 3 12/09/11	SB-17 (5-7') 5 - 7 12/12/11	SB-18 (2-3') 2 - 3 02/22/12	SB-18 (7-9') 7 - 9 02/22/12	SB-18 (20-22') 20 - 22 02/22/12	SB-18 (52-54') 52 - 54 02/22/12	SB-19 (2-3') 2 - 3 12/15/11	SB-19 (10-11') 10 - 11 12/15/11	SB-20 (2-3') 2 - 3 03/01/12	SB-20 (6-8') 6 - 8 03/01/12
Phenol	500,000	330		<350	<380	<370	<370	<800	<370	<350	<450	<380	<390	<720	<410	<350	<400
Bis(2-chloroethyl)ether	-	-		<35	<38	<37	<37	<80	<37	<35	<45	<38	<39	<72	<41	<35	<40
2-Chlorophenol	500,000 [2]	-		<350	<380	<370	<370	<800	<370	<350	<450	<380	<390	<720	<410	<350	<400
Benzaldehyde	-	-		<350 J	<380 J	<370 J	<370 J	<800 J	<370 J	<350 J	<450 J	<380 J	<390 J	<720 J	<410 J	<350 J	<400 J
2,2'-oxybis[1-chloropropane]	-	-		<350	<380	<370	<370	<800	<370	<350	<450	<380	<390	<720	<410	<350	<400
2-Methylphenol	500,000	330		<350	<380	<370	<370	<800	<370	<350	<450	<380	<390	<720	<410	<350	<400
Hexachloroethane	-	-		<35	<38	<37	<37	<80	<37	<35	<45	<38	<39	<72	<41	<35	<40
N-Nitrosodi-n-propylamine	-	-		<35	<38	<37	<37	<80	<37	<35	<45	<38	<39	<72	<41	<35 J	<40 J
3 & 4 Methylphenol	500,000	330		<350	<380	<370	<370	<800	<370	<350	<450	<380	<390	<720	<410	<350	<400
Nitrobenzene	69,000 [2]	170 [2]		<35	<38	<37	<37	<80	<37	<35	<45	<38	<39	<72	<41	<35	<40
Isophorone	500,000 [2]	4,400 [2]		<350	<380	<370	<370	<800	<370	<350	<450	<380	<390	<720	<410	<350	<400
2-Nitrophenol	-	300 [2]		<350	<380	<370	<370	<800	<370	<350	<450	<380	<390	<720	<410	<350	<400
Acetophenone	-	-		<350	<380	<370	<370	<800	<370	<350	<450	<380	<390	<720	<410	<350	<400
2,4-Dimethylphenol	-	-		<350	<380	<370	<370	<800	<370	<350	<450	<380	<390	<720	<410	<350	<400
Bis(2-chloroethoxy)methane	-	-		<350	<380	<370	<370	<800	<370	<350	<450	<380	<390	<720	<410	<350	<400
2,4-Dichlorophenol	500,000 [2]	400 [2]		<350	<380	<370	<370	<800	<370	<350	<450	<380	<390	<720	<410	<350	<400
Naphthalene	500,000	12,000		<350	<380	<370	<370	<800	<370	<350	<450	<380	<390	**220 J**	<410	<350	<400
4-Chloroaniline	500,000 [2]	220 [2]		<350	<380	<370	<370	<800	<370	<350	<450	<380	<390	<720	<410	<350	<400
Hexachlorobutadiene	-	-		<72	<77	<75	<75	<160	<75	<71	<92	<76	<80	<150	<82	<72	<81
4-Chloro-3-methylphenol	-	-		<350	<380	<370	<370	<800	<370	<350	<450	<380	<390	<720	<410	<350	<400
2-Methylnaphthalene	-	36,400 [2]		<350	<380	<370	<370	<800	<370	<350	<450	<380	<390	**120 J**	<410	<350	<400
Hexachlorocyclopentadiene	-	-		<350	<380	<370	<370	<800	<370	<350	<450	<380	<390	<720	<410	<350	<400
2,4,6-Trichlorophenol	-	-		<350	<380	<370	<370	<800	<370	<350	<450	<380	<390	<720	<410	<350	<400
2,4,5-Trichlorophenol	500,000 [2]	100 [2]		<350	<380	<370	<370	<800	<370	<350	<450	<380	<390	<720	<410	<350	<400
2-Chloronaphthalene	-	-		<350	<380	<370	<370	<800	<370	<350	<450	<380	<390	<720	<410	<350	<400
2-Nitroaniline	-	400 [2]		<720	<770	<750	<750	<1,600	<750	<710	<920	<760	<800	<1,500	<820	<720	<810
Acenaphthylene	500,000	107,000		<350	<380	**130 J**	<370	**530 J**	<370	<350	<450	<380	<390	**560 J**	<410	<350	<400
Caprolactam	-	-		<350	<380	<370	<370	<800	<370	<350	<450	<380	<390	<720	<410	<350	<400
Dimethyl phthalate	500,000 [2]	27,000 [2]		<350	<380	<370	<370	<800	<370	<350	<450	<380	<390	<720	<410	<350	<400
2,6-Dinitrotoluene	-	1,000 [2]		<72	<77	<75	<75	<160	<75	<71	<92	<76	<80	<150	<82	<72	<81
Acenaphthene	500,000	98,000		<350	<380	<370	<370	**380 J**	<370	<350	<450	<380	<390	**270 J**	<410	<350	<400
3-Nitroaniline	-	500 [2]		<720	<770	<750	<750	<1,600	<750	<710	<920	<760	<800	<1,500	<820	<720	<810
2,4-Dinitrophenol	500,000 [2]	200 [2]		<1,100	<1,200	<1,100	<1,100	<2,400	<1,100	<1,100	<1,400	<1,100	<1,200	<2,200	<1,200	<1,100	<1,200
Dibenzofuran	350,000	6,200 [2]		<350	<380	<370	<370	**230 J**	<370	<350	<450	<380	<390	**160 J**	<410	<350	<400
2,4-Dinitrotoluene	-	-		<72	<77	<75	<75	<160	<75	<71	<92	<76	<80	<150	<82	<72	<81
4-Nitrophenol	-	100 [2]		<1,100	<1,200	<1,100	<1,100	<2,400	<1,100	<1,100	<1,400	<1,100	<1,200	<2,200	<1,200	<1,100 J	<1,200 J
Fluorene	500,000	386,000		<350	<380	<370	<370	**490 J**	<370	<350	<450	<380	<390	**510 J**	<410	<350	<400
1,1'-Biphenyl	-	-		<350	<380	<370	<370	<800	<370	<350	<450	<380	<390	<720	<410	<350	<400
4-Chlorophenyl phenyl ether	-	-		<350	<380	<370	<370	<800	<370	<350	<450	<380	<390	<720	<410	<350	<400
Diethyl phthalate	500,000 [2]	7,100 [2]		<350	<380	<370	<370	<800	<370	<350	<450	<380	<390	<720	<410	<350	<400
4-Nitroaniline	-	-		<720	<770	<750	<750	<1,600	<750	<710	<920	<760	<800	<1,500	<820	<720	<810
4,6-Dinitro-2-methylphenol	-	-		<1,100	<1,200	<1,100	<1,100	<2,400	<1,100	<1,100	<1,400	<1,100	<1,200	<2,200	<1,200	<1,100	<1,200
N-Nitrosodiphenylamine	-	-		<350	<380	<370	<370	<800	<370	<350	<450	<380	<390	<720	<410	<350	<400
4-Bromophenyl phenyl ether	-	-		<350	<380	<370	<370	<800	<370	<350	<450	<380	<390	<720	<410	<350	<400
Hexachlorobenzene	6,000	3,200		<35	<38	<37	<37	<80	<37	<35	<45	<38	<39	<72	<41	<35	<40
Pentachlorophenol	6,700	800		<1,100	<1,200	<1,100	<1,100	<2,400	<1,100	<1,100	<1,400	<1,100	<1,200	<2,200	<1,200	<1,100	<1,200
Phenanthrene	500,000	1,000,000		<350	<380	**960**	<370	**6,200**	<370	<350	<450	<380	<390	**3,900**	<410	<350	<400
Carbazole	-	-		<350	<380	**130 J**	<370	**880**	<370	<350	<450	<380	<390	**210 J**	<410	<350	<400
Anthracene	500,000	1,000,000		<350	<380	**120 J**	<370	**1,600**	<370	<350	<450	<380	<390	**800**	<410	<350	<400
Di-n-butyl phthalate	500,000 [2]	8,100 [2]		<350	<380	<370	<370	<800	<370	<350	<450	<380	<390	<720	<410	<350	<400
Fluoranthene	500,000	1,000,000		<350	<380	**1,400**	<370	**10,000**	<370	<350	<450	<380	<390	**5,300**	<410	**79 J**	<400
Pyrene	500,000	1,000,000		<350	<380	**2,000**	<370	**7,000**	<370	<350	<450	<380	<390	**9,600**	<410	**88 J**	<400
Butyl benzyl phthalate	500,000 [2]	122,000 [2]		<350	<380	<370	<370	<800	<370	<350	<450	<380	<390	<720	<410	<350	<400
3,3'-Dichlorobenzidine	-	-		<720	<770	<750	<750	<1,600	<750	<710	<920	<760	<800	<1,500	<820	<720	<810
Benzo[a]anthracene	5,600	1,000		**19 J**	<38	**660**	<37	**4,900**	<37	<35	<45	<38	<39	**3,500**	<41	**52**	<40
Chrysene	56,000	1,000		<350	<380	**1,000**	<370	**5,100**	<370	<350	<450	<380	<390	**4,200**	<410	**68 J**	<400
Bis(2-ethylhexyl) phthalate	-	435,000 [2]		<350	<380	<370	<370	<800	<370	<350	<450	<380	<390	<720	<410	<350	<400
Di-n-octyl phthalate	500,000 [2]	120,000 [2]		<350	<380	<370	<370	<800	<370	<350	<450	<380	<390	<720	<410	<350	<400
Benzo[b]fluoranthene	5,600	1,700		**24 J**	<38	**1,100**	<37	**4,000**	<37	<35	<45	<38	<39	**4,100**	<41	**72**	<40
Atrazine	-	-		<350	<380	<370	<370	<800	<370	<350	<450	<380	<390	<720	<410	<350	<400
Benzo[k]fluoranthene	56,000	1,700		<35	<38	**350**	<37	**1,900**	<37	<35	<45	<38	<39	**1,500**	<41	<35	<40
Benzo[a]pyrene	1,000	22,000		**20 J**	<38	**800**	<37	**3,800**	<37	<35	<45	<38	<39	**3,800**	<41	**71**	<40
Indeno[1,2,3-cd]pyrene	5,600	8,200		<35	<38	**560**	<37	**2,800**	<37	<35	<45	<38	<39	**2,500**	<41	**60**	<40
Dibenz(a,h)anthracene	560	1,000,000		<35	<38	**150**	<37	**750**	<37	<35	<45	<38	<39	**640**	<41	<35	<40
Benzo[g,h,i]perylene	500,000	1,000,000		<350	<380	**660**	<370	**2,500**	<370	<350	<450	<380	<390	**3,000**	<410	**65 J**	<400

See footnotes on last page.

Table 7. Concentrations of Semi-Volatile Organic Compounds in Soil Samples Collected from Soil Borings and Compared to Restricted Use SCOs, Former Dangman Park MGP Site, Brooklyn, New York.

Compound (Units in ug/kg)	NYSDEC Subpart 375-6 Protection of Public Health Commercial Use SCO [1] (ug/kg)	NYSDEC Subpart 375-6 Protection of Groundwater SCO [1] (ug/kg)	Sample ID: / Sample Depth (ft bls): / Sample Date:	DUP030112 6 - 8 03/01/12 SB-20 (6-8') Duplicate	SB-21 (2-3') 2 - 3 12/16/11	SB-21 (12-13') 12 - 13 12/16/11	SB-22 (2-3') 2 - 3 12/19/11	SB-22 (5-7') 5 - 7 01/19/12	SB-22 (33-34') 33 - 34 01/19/12	SB-22 (58-60') 58 - 60 01/19/12	SB-23 (5-7') 5 - 7 02/28/12	SB-24 (5-7') 5 - 7 02/29/12	MW-13 (77-79') 77 - 79 02/23/12	MW-13 (90-92') 90 - 92 02/24/12	MW-14 (82-84') 82 - 84 02/13/12	MW-14 (108-110') 108 - 110 02/14/12	MW-17 (7-9') 7 - 9 02/15/12
Phenol	500,000	330		<390	<360	<370	<340	<380	<20,000 J	<390	<420	<400	<390	<400	<440	<380	<1,900
Bis(2-chloroethyl)ether	-	-		<39	<36	<37	<34	<38	<2,000 J	<39	<42	<40	<39	<40	<44	<38	<190
2-Chlorophenol	500,000 [2]	-		<390	<360	<370	<340	<380	<20,000 J	<390	<420	<400	<390	<400	<440	<380	<1,900
Benzaldehyde	-	-		<390 J	<360 J	<370 J	<340 J	R	R	R	<420 J	<400 J	<390 J	<400 J	<440 J	<380 J	<1,900 J
2,2'-oxybis[1-chloropropane]	-	-		<390	<360	<370	<340	<380	<20,000 J	<390	<420	<400	<390	<400	<440	<380	<1,900
2-Methylphenol	500,000	330		<390	<360	<370	<340	<380	<20,000 J	<390	<420	<400	<390	<400	<440	<380	<1,900
Hexachloroethane	-	-		<39	<36	<37	<34	<38	<2,000 J	<39	<42	<40	<39	<40	<44	<38	<190
N-Nitrosodi-n-propylamine	-	-		<39 J	<36	<37	<34	<38	<2,000 J	<39	<42	<40 J	<39	<40	<44	<38	<190
3 & 4 Methylphenol	500,000	330		<390	<360	<370	<340	<380	<20,000 J	<390	<420	<400	<390	<400	<440	<380	<1,900
Nitrobenzene	69,000 [2]	170 [2]		<39	<36	<37	<34	<38	<2,000 J	<39	<42	<40	<39	<40	<44	<38	<190
Isophorone	500,000 [2]	4,400 [2]		<390	<360	<370	<340	<380	<20,000 J	<390	<420	<400	<390	<400	<440	<380	<1,900
2-Nitrophenol	-	300 [2]		<390	<360	<370	<340	<380	<20,000 J	<390	<420	<400	<390	<400	<440	<380	<1,900
Acetophenone	-	-		<390	<360	<370	<340	<380	<20,000 J	<390	<420	<400	<390	<400	<440	<380	<1,900
2,4-Dimethylphenol	-	-		<390	<360	<370	<340	<380	<20,000 J	<390	<420	<400	<390	<400	<440	<380	<1,900
Bis(2-chloroethoxy)methane	-	-		<390	<360	<370	<340	<380	<20,000 J	<390	<420	<400	<390	<400	<440	<380	<1,900
2,4-Dichlorophenol	500,000 [2]	400 [2]		<390	<360	<370	<340	<380	<20,000 J	<390	<420	<400	<390	<400	<440	<380	<1,900
Naphthalene	500,000	12,000		<390	<360	<370	**94 J**	<380	**94,000 J**	<390	<420	<400	<390	<400	<440	<380	<1,900
4-Chloroaniline	500,000 [2]	220 [2]		<390	<360	<370	<340	<380	<20,000 J	<390	<420	<400	<390	<400	<440	<380	<1,900
Hexachlorobutadiene	-	-		<79	<73	<75	<69	<78	<4,200 J	<80	<86	<82	<80	<80	<89	<78	<380
4-Chloro-3-methylphenol	-	-		<390	<360	<370	<340	<380	<20,000 J	<390	<420	<400	<390	<400	<440	<380	<1,900
2-Methylnaphthalene	-	36,400 [2]		<390	<360	<370	<340	<380	**62,000 J**	<390	<420	<400	<390	<400	<440	<380	<1,900
Hexachlorocyclopentadiene	-	-		<390	<360	<370	<340	<380	<20,000 J	<390	<420	<400	<390	<400	<440	<380	<1,900
2,4,6-Trichlorophenol	-	-		<390	<360	<370	<340	<380	<20,000 J	<390	<420	<400	<390	<400	<440	<380	<1,900
2,4,5-Trichlorophenol	500,000 [2]	100 [2]		<390	<360	<370	<340	<380	<20,000 J	<390	<420	<400	<390	<400	<440	<380	<1,900
2-Chloronaphthalene	-	-		<390	<360	<370	<340	<380	<20,000 J	<390	<420	<400	<390	<400	<440	<380	<1,900
2-Nitroaniline	-	400 [2]		<790	<730	<750	<690	<780	<42,000 J	<800	<860	<820	<800	<800	<890	<780	<3,800
Acenaphthylene	500,000	107,000		<390	<360	<370	**160 J**	<380	**6,700 J**	<390	<420	<400	<390	<400	<440	<380	**730 J**
Caprolactam	-	-		<390	<360	<370	<340	<380	<20,000 J	<390	<420	<400	<390	<400	<440	<380	<1,900
Dimethyl phthalate	500,000 [2]	27,000 [2]		<390	<360	<370	<340	<380	<20,000 J	<390	<420	<400	<390	<400	<440	<380	<1,900
2,6-Dinitrotoluene	-	1,000 [2]		<79	<73	<75	<69	<78	<4,200 J	<80	<86	<82	<80	<80	<89	<78	<380
Acenaphthene	500,000	98,000		<390	<360	<370	<340	<380	**160,000 J**	<390	<420	<400	<390	<400	<440	<380	**1,400 J**
3-Nitroaniline	-	500 [2]		<790	<730	<750	<690	<780	<42,000 J	<800	<860	<820	<800	<800	<890	<780	<3,800
2,4-Dinitrophenol	500,000 [2]	200 [2]		<1,200	<1,100	<1,100	<1,000	<1,200	<62,000 J	<1,200	<1,300	R	<1,200	<1,200	<1,300	<1,200	<5,700
Dibenzofuran	350,000	6,200 [2]		<390	<360	<370	<340	<380	<20,000 J	<390	<420	<400	<390	<400	<440	<380	<1,900
2,4-Dinitrotoluene	-	-		<79	<73	<75	<69	<78	<4,200 J	<80	<86	<82	<80	<80	<89	<78	<380
4-Nitrophenol	-	100 [2]		<1,200 J	<1,100	<1,100	<1,000	<1,200	<62,000 J	<1,200	<1,300	<1,200 J	<1,200	<1,200	<1,300	<1,200	<5,700
Fluorene	500,000	386,000		<390	<360	<370	<340	<380	**69,000 J**	<390	<420	<400	<390	<400	<440	<380	**4,800**
1,1'-Biphenyl	-	-		<390	<360	<370	<340	<380	**40,000 J**	<390	<420	<400	<390	<400	<440	<380	<1,900
4-Chlorophenyl phenyl ether	-	-		<390	<360	<370	<340	<380	<20,000 J	<390	<420	<400	<390	<400	<440	<380	<1,900
Diethyl phthalate	500,000 [2]	7,100 [2]		<390	<360	<370	<340	<380	<20,000 J	<390	<420	<400	<390	<400	<440	<380	<1,900
4-Nitroaniline	-	-		<790	<730	<750	<690	<780	<42,000 J	<800	<860	<820	<800	<800	<890	<780	<3,800
4,6-Dinitro-2-methylphenol	-	-		<1,200	<1,100	<1,100	<1,000	<1,200	<62,000 J	<1,200	<1,300	<1,200	<1,200	<1,200	<1,300	<1,200	<5,700
N-Nitrosodiphenylamine	-	-		<390	<360	<370	<340	<380	<20,000 J	<390	<420	<400	<390	<400	<440	<380	<1,900
4-Bromophenyl phenyl ether	-	-		<390	<360	<370	<340	<380	<20,000 J	<390	<420	<400	<390	<400	<440	<380	<1,900
Hexachlorobenzene	6,000	3,200		<39	<36	<37	<34	<38	<2,000 J	<39	<42	<40	<39	<40	<44	<38	<190
Pentachlorophenol	6,700	800		<1,200	<1,100	<1,100	<1,000	<1,200	<62,000 J	<1,200	<1,300	<1,200	<1,200	<1,200	<1,300	<1,200	<5,700
Phenanthrene	500,000	1,000,000		<390	**120 J**	<370	**200 J**	<380	**330,000 J**	<390	<420	<400	<390	<400	<440	<380	**24,000**
Carbazole	-	-		<390	<360	<370	<340	<380	<20,000 J	<390	<420	<400	<390	<400	<440	<380	<1,900
Anthracene	500,000	1,000,000		<390	<360	<370	**72 J**	<380	**60,000 J**	<390	<420	<400	<390	<400	<440	<380	**9,000**
Di-n-butyl phthalate	500,000 [2]	8,100 [2]		<390	<360	<370	<340	<380	<20,000 J	<390	<420	<400	<390	<400	<440	<380	<1,900
Fluoranthene	500,000	1,000,000		<390	**210 J**	<370	**360**	<380	**120,000 J**	<390	<420	<400	<390	<400	<440	<380	**19,000**
Pyrene	500,000	1,000,000		<390	**370**	<370	**660 J**	<380	**190,000 J**	<390	<420	<400	<390	**39 J**	<440	<380	**28,000**
Butyl benzyl phthalate	500,000 [2]	122,000 [2]		<390	<360	<370	<340	<380	<20,000 J	<390	<420	<400	<390	<400	<440	<380	<1,900
3,3'-Dichlorobenzidine	-	-		<790	<730	<750	<690	<780	<42,000 J	<800	<860	<820	<800	<800	<890	<780	<3,800
Benzo[a]anthracene	5,600	1,000		<39	**160**	<37	**340**	**44**	**59,000 J**	**13 J**	<42	<40	<39	**47**	<44	<38	**9,800**
Chrysene	56,000	1,000		<390	**200 J**	<370	**410**	<380	**47,000 J**	<390	<420	<400	<390	<400	<440	<380	**9,600**
Bis(2-ethylhexyl) phthalate	-	435,000 [2]		<390	<360	<370	<340	<380	<20,000 J	<390	<420	<400	<390	<400	**180 J**	<380	<1,900
Di-n-octyl phthalate	500,000 [2]	120,000 [2]		<390	<360	<370	<340	<380	<20,000 J	<390	<420	<400	<390	<400	<440	<380	<1,900
Benzo[b]fluoranthene	5,600	1,700		<39	**240**	<37	**540**	**56**	**33,000 J**	<39	<42	<40	<39	**47**	<44	<38	**5,800**
Atrazine	-	-		<390	<360	<370	<340	<380	<20,000 J	<390	<420	<400	<390	<400	<440	<380	<1,900
Benzo[k]fluoranthene	56,000	1,700		<39	**84**	<37	**230**	**16 J**	**13,000 J**	<39	<42	<40	<39	**20 J**	<44	<38	**2,300**
Benzo[a]pyrene	1,000	22,000		<39	**230**	<37	**500**	**53**	**44,000 J**	<39	<42	<40	<39	**37 J**	<44	<38	**7,800**
Indeno[1,2,3-cd]pyrene	5,600	8,200		<39	**180**	<37	**480**	**64**	**21,000 J**	<39	<42	<40	<39	<40	<44	<38	**3,600**
Dibenz(a,h)anthracene	560	1,000,000		<39	<36	<37	**120**	**11 J**	**3,300 J**	<39	<42	<40	<39	<40	<44	<38	**720**
Benzo[g,h,i]perylene	500,000	1,000,000		<390	**230 J**	<370	**640**	**81 J**	**25,000 J**	<390 J	<420	<400	<390	<400	<440	<380	**4,300**

See footnotes on last page.

Table 7. Concentrations of Semi-Volatile Organic Compounds in Soil Samples Collected from Soil Borings and Compared to Restricted Use SCOs, Former Dangman Park MGP Site, Brooklyn, New York.

Compound (Units in ug/kg)	NYSDEC Subpart 375-6 Protection of Public Health Commercial Use SCO [1] (ug/kg)	NYSDEC Subpart 375-6 Protection of Groundwater SCO [1] (ug/kg)	Sample ID: / Sample Depth (ft bls): / Sample Date:	MW-17 (25-27') 25 - 27 02/15/12	MW-17 (103-105') 103 - 105 02/16/12	MW-17 (113-115') 113 - 115 02/16/12	MW-18 (82-84') 82 - 84 02/15/12	MW-18 (97-99') 97 - 99 02/15/12	MW-19 (2-3') 2 - 3 02/20/12	MW-19 (5-7') 5 - 7 02/20/12	MW-19 (67-69') 67 - 69 02/20/12	MW-19 (77-79') 77 - 79 02/21/12	MW-20 (80-82') 80 - 82 11/21/13	MW-20 (85-86') 85 - 86 11/21/13	DUP112113 85 - 86 11/21/13 MW-20 (85-86') Duplicate	MW-20 (90-92') 90 - 92 11/21/13
Phenol	500,000	330		<400	<390	<390	<400	<440	<370	<760	<430	<420	<430	<440	<430	<430
Bis(2-chloroethyl)ether	-	-		<40	<39	<39	<40	<44	<37	<76	<43	<42	<43	<44	<43	<43
2-Chlorophenol	500,000 [2]	-		<400	<390	<390	<400	<440	<370	<760	<430	<420	<430	<440	<430	<430
Benzaldehyde	-	-		<400 J	<390 J	<390 J	<400 J	<440 J	<370 J	<760 J	<430 J	<420 J	<430	<440	<430	<430
2,2'-oxybis[1-chloropropane]	-	-		<400	<390	<390	<400	<440	<370	<760	<430	<420	<430	<440	<430	<430
2-Methylphenol	500,000	330		<400	<390	<390	<400	<440	<370	<760	<430	<420	<430	<440	<430	<430
Hexachloroethane	-	-		<40	<39	<39	<40	<44	<37	<76	<43	<42	<43	<44	<43	<43
N-Nitrosodi-n-propylamine	-	-		<40	<39	<39	<40	<44	<37	<76	<43	<42	<43	<44	<43	<43
3 & 4 Methylphenol	500,000	330		<400	<390	<390	<400	<440	<370	<760	<430	<420	<430	<440	<430	<430
Nitrobenzene	69,000 [2]	170 [2]		<40	<39	<39	<40	<44	<37	<76	<43	<42	<43	<44	<43	<43
Isophorone	500,000 [2]	4,400 [2]		<400	<390	<390	<400	<440	<370	<760	<430	<420	<430	<440	<430	<430
2-Nitrophenol	-	300 [2]		<400	<390	<390	<400	<440	<370	<760	<430	<420	<430	<440	<430	<430
Acetophenone	-	-		<400	<390	<390	<400	<440	<370	<760	<430	<420	<430	<440	<430	<430
2,4-Dimethylphenol	-	-		<400	<390	<390	<400	<440	<370	<760	<430	<420	<430	<440	<430	<430
Bis(2-chloroethoxy)methane	-	-		<400	<390	<390	<400	<440	<370	<760	<430	<420	<430	<440	<430	<430
2,4-Dichlorophenol	500,000 [2]	400 [2]		<400	<390	<390	<400	<440	<370	<760	<430	<420	<430	<440	<430	<430
Naphthalene	500,000	12,000		<400	**82 J**	<390	<400	<440	**370**	**220 J**	<430	<420	<430	<440	<430	<430
4-Chloroaniline	500,000 [2]	220 [2]		<400	<390	<390	<400	<440	<370	<760	<430	<420	<430	<440	<430	<430
Hexachlorobutadiene	-	-		<82	<79	<78	<81	<89	<75	<150	<88	<85	<88	<88	<88	<87
4-Chloro-3-methylphenol	-	-		<400	<390	<390	<400	<440	<370	<760	<430	<420	<430	<440	<430	<430
2-Methylnaphthalene	-	36,400 [2]		<400	<390	<390	<400	<440	**240 J**	**670 J**	<430	<420	<430	<440	<430	<430
Hexachlorocyclopentadiene	-	-		<400	<390	<390	<400	<440	<370	<760	<430	<420	<430	<440	<430	<430
2,4,6-Trichlorophenol	-	-		<400	<390	<390	<400	<440	<370	<760	<430	<420	<430	<440	<430	<430
2,4,5-Trichlorophenol	500,000 [2]	100 [2]		<400	<390	<390	<400	<440	<370	<760	<430	<420	<430	<440	<430	<430
2-Chloronaphthalene	-	-		<400	<390	<390	<400	<440	<370	<760	<430	<420	<430	<440	<430	<430
2-Nitroaniline	-	400 [2]		<820	<790	<780	<810	<890	<750	<1,500	<880	<850	<880	<880	<880	<870
Acenaphthylene	500,000	107,000		<400	<390	<390	<400	<440	**190 J**	**390 J**	<430	<420	<430	<440	<430	<430
Caprolactam	-	-		<400	<390	<390	<400	<440	<370	<760	<430	<420	<430	<440	<430	<430 J
Dimethyl phthalate	500,000 [2]	27,000 [2]		<400	<390	<390	<400	<440	<370	<760	<430	<420	<430	<440	<430	<430
2,6-Dinitrotoluene	-	1,000 [2]		<82	<79	<78	<81	<89	<75	<150	<88	<85	<88	<88	<88	<87
Acenaphthene	500,000	98,000		<400	<390	<390	<400	<440	**320 J**	**240 J**	<430	<420	<430	<440	<430	<430
3-Nitroaniline	-	500 [2]		<820	<790	<780	<810	<890	<750	<1,500	<880	<850	<880	<880	<880	<870
2,4-Dinitrophenol	500,000 [2]	200 [2]		<1,200	<1,200	<1,200	<1,200	<1,300	<1,100	<2,300	<1,300	<1,300	<1,300	<1,300	<1,300	<1,300
Dibenzofuran	350,000	6,200 [2]		<400	<390	<390	<400	<440	**240 J**	<760	<430	<420	<430	<440	<430	<430
2,4-Dinitrotoluene	-	-		<82	<79	<78	<81	<89	<75	<150	<88	<85	<88	<88	<88	<87
4-Nitrophenol	-	100 [2]		<1,200 J	<1,200 J	<1,200 J	<1,200	<1,300 J	<1,100	<2,300	<1,300	<1,300	<1,300	<1,300	<1,300	<1,300 J
Fluorene	500,000	386,000		<400	<390	<390	<400	<440	**450**	**150 J**	<430	<420	<430	<440	<430	<430
1,1'-Biphenyl	-	-		<400	<390	<390	<400	<440	**68 J**	<760	<430	<420	<430	<440	<430	<430
4-Chlorophenyl phenyl ether	-	-		<400	<390	<390	<400	<440	<370	<760	<430	<420	<430	<440	<430	<430
Diethyl phthalate	500,000 [2]	7,100 [2]		<400	<390	<390	<400	<440	<370	<760	<430	<420	**66 J**	**61 J**	**75 J**	<430
4-Nitroaniline	-	-		<820	<790	<780	<810	<890	<750	<1,500	<880 J	<850 J	<880	<880	<880	<870 J
4,6-Dinitro-2-methylphenol	-	-		<1,200	<1,200	<1,200	<1,200	<1,300	<1,100	<2,300	<1,300	<1,300	<1,300	<1,300	<1,300	<1,300
N-Nitrosodiphenylamine	-	-		<400	<390	<390	<400	<440	<370	<760	<430	<420	<430	<440	<430	<430
4-Bromophenyl phenyl ether	-	-		<400	<390	<390	<400	<440	<370	<760	<430	<420	<430	<440	<430	<430
Hexachlorobenzene	6,000	3,200		<40	<39	<39	<40	<44	<37	<76	<43	<42	<43	<44	<43	<43
Pentachlorophenol	6,700	800		<1,200	<1,200	<1,200	<1,200	<1,300	<1,100	<2,300	<1,300	<1,300	<1,300	<1,300	<1,300	<1,300
Phenanthrene	500,000	1,000,000		**190 J**	<390	<390	**68 J**	<440	**3,200**	**900**	<430	<420	<430	<440	<430	<430
Carbazole	-	-		<400	<390	<390	<400	<440	**300 J**	<760	<430	<420	<430	<440	<430	<430
Anthracene	500,000	1,000,000		<400	<390	<390	<400	<440	**640**	**740 J**	<430	<420	<430	<440	<430	<430
Di-n-butyl phthalate	500,000 [2]	8,100 [2]		<400	<390	<390	<400	<440	<370	<760	<430	<420	**91 J**	<440	<430	<430
Fluoranthene	500,000	1,000,000		**180 J**	<390	<390	<400	<440	**5,300**	**3,300**	<430	<420	<430	<440	<430	<430
Pyrene	500,000	1,000,000		**350 J**	<390	<390	<400	<440	**3,800**	**4,400**	<430	<420	<430	<440	<430	<430
Butyl benzyl phthalate	500,000 [2]	122,000 [2]		<400	<390	<390	<400	<440	<370	<760	<430	<420	<430	<440	<430	<430
3,3'-Dichlorobenzidine	-	-		<820	<790	<780	<810	<890	<750	<1,500	<880	<850	<880	<880	<880	<870
Benzo[a]anthracene	5,600	1,000		**100**	<39	<39	<40	<44	**2,200**	**2,500**	<43	<42	<43	<44	<43	<43
Chrysene	56,000	1,000		**110 J**	<390	<390	<400	<440	**2,500**	**2,700**	<430	<420	<430	<440	<430	<430
Bis(2-ethylhexyl) phthalate	-	435,000 [2]		**300 J**	**150 J**	**590**	<400	**1,600**	**4,500**	<760	<430	<420	<430	<440	<430	<430
Di-n-octyl phthalate	500,000 [2]	120,000 [2]		<400	<390	<390	<400	<440	<370	<760	<430	<420	<430	<440	<430	<430
Benzo[b]fluoranthene	5,600	1,700		**67**	<39	<39	<40	<44	**2,300**	**2,400**	<43	<42	<43	<44	<43	<43
Atrazine	-	-		<400	<390	<390	<400	<440	<370	<760	<430	<420	<430	<440	<430	<430
Benzo[k]fluoranthene	56,000	1,700		**26 J**	<39	<39	<40	<44	**900**	**960**	<43	<42	<43	<44	<43	<43
Benzo[a]pyrene	1,000	22,000		**78**	<39	<39	<40	<44	**2,100**	**2,900**	<43	<42	<43	<44	<43	<43
Indeno[1,2,3-cd]pyrene	5,600	8,200		**41**	<39	<39	<40	<44	**1,600**	**2,200**	<43	<42	<43	<44	<43	<43
Dibenz(a,h)anthracene	560	1,000,000		<40	<39	<39	<40	<44	**400**	**520**	<43	<42	<43	<44	<43	<43
Benzo[g,h,i]perylene	500,000	1,000,000		**55 J**	<390	<390	<400	<440	**1,500**	**2,800**	<430	<420	<430	<440	<430	<430

See footnotes on last page.

Table 7. Concentrations of Semi-Volatile Organic Compounds in Soil Samples Collected from Soil Borings and Compared to Restricted Use SCOs, Former Dangman Park MGP Site, Brooklyn, New York.

1	Table 375-6.8(b): Restricted Use Soil Cleanup Objectives.
2	NYSDEC CP-51 / Soil Cleanup Guidance.
NYSDEC	New York State Department of Environmental Conservation.
SCO	Soil Cleanup Objective.
ug/kg	Micrograms per kilogram.
J	Estimated value.
R	Result rejected.
ft bls	Feet below land surface.
-	Not available.
Bold	Indicates detection above laboratory Method Detection Limit.
	Compound concentration exceeds Protection of Public Health Commercial Use SCO.
	Compound concentration exceeds Protection of Groundwater SCO.
	Compound concentration exceeds Protection of Groundwater SCO and Protection of Public Health Commerical Use SCO.

Table 8. Concentrations of Semi-Volatile Organic Compounds in Soil Samples Collected from Soil Borings and Compared to Unrestricted Use SCOs, Former Dangman Park MGP Site, Brooklyn, New York.

Compound (Units in ug/kg)	NYSDEC Subpart 375-6 Unrestricted Use SCO [1] (ug/kg)	Sample ID:	SB-4 (98-100')	SB-5 (78-80')	SB-6 (2-3')	SB-6 (6-8')	SB-6 (43-45')	SB-6 (58-60')	SB-7 (2-3')	SB-7 (6-8')	SB-8 (2-3')	SB-8 (6-8')	SB-9 (2-3')	SB-9 (6-8')	SB-9 (72-73.5')	SB-9 (95.5-97.5')	SB-10 (2-3')	SB-10 (6-8')
		Sample Depth (ft bls):	98 - 100	78 - 80	2 - 3	6 - 8	43 - 45	58 - 60	2 - 3	6 - 8	2 - 3	6 - 8	2 - 3	6 - 8	72 - 73.5	95.5 - 97.5	2 - 3	6 - 8
		Sample Date:	10/15/11	10/13/11	10/17/11	10/17/11	10/17/11	10/17/11	10/18/11	10/18/11	12/08/11	12/09/11	12/07/11	12/07/11	12/08/11	12/08/11	12/12/11	12/13/11
Phenol	330		<390	<430	<8,800 J	<380	<4,100 J	<390	<380	<720	<380	<380	<2,000	<830	<110,000 J	<420	<370	<510
Bis(2-chloroethyl)ether	-		<39	<43	<880 J	<38	<410 J	<39	<38	<72	<38	<38	<200	<83	<11,000 J	<42	<37	<51
2-Chlorophenol	-		<390	<430	<8,800 J	<380	<4,100 J	<390	<380	<720	<380	<380	<2,000	<830	<110,000 J	<420	<370 J	<510
Benzaldehyde	-		<390 J	<430 J	<8,800 J	<380 J	<4,100 J	<390 J	<380 J	<720 J	<380 J	<380 J	<2,000 J	<830 J	<110,000 J	<420 J	<370 J	<510 J
2,2'-oxybis[1-chloropropane]	-		<390	<430	<8,800 J	<380	<4,100 J	<390	<380	<720	<380	<380	<2,000	<830	<110,000 J	<420	<370	<510
2-Methylphenol	330		<390	<430	<8,800 J	<380	<4,100 J	<390	<380	<720	<380	<380	<2,000	<830	<110,000 J	<420	<370	<510
Hexachloroethane	-		<39	<43	<880 J	<38	<410 J	<39	<38	<72	<38	<38	<200	<83	<11,000 J	<42	<37	<51
N-Nitrosodi-n-propylamine	-		<39	<43	<880 J	<38	<410 J	<39	<38	<72	<38	<38	<200	<83	<11,000 J	<42	<37	<51
3 & 4 Methylphenol	330		<390	<430	<8,800 J	<380	<4,100 J	<390	<380	<720	<380	<380	<2,000	<830	<110,000 J	<420	<370	<510
Nitrobenzene	-		<39	<43	<880 J	<38	<410 J	<39	<38	<72	<38	<38	<200	<83	<11,000 J	<42	<37	<51
Isophorone	-		<390	<430	<8,800 J	<380	<4,100 J	<390	<380	<720	<380	<380	<2,000	<830	<110,000 J	<420	<370	<510
2-Nitrophenol	-		<390	<430	<8,800 J	<380	<4,100 J	<390	<380	<720	<380	<380	<2,000	<830	<110,000 J	<420	<370	<510
Acetophenone	-		<390	<430	<8,800 J	<380	<4,100 J	<390	<380	<720	<380	<380	<2,000	<830	<110,000 J	<420	<370	<510
2,4-Dimethylphenol	-		<390	<430	<8,800 J	<380	<4,100 J	<390	<380	<720	<380	<380	<2,000	<830	<110,000 J	<420	<370	<510
Bis(2-chloroethoxy)methane	-		<390	<430	<8,800 J	<380	<4,100 J	<390	<380	<720	<380	<380	<2,000	<830	<110,000 J	<420	<370	<510
2,4-Dichlorophenol	-		<390	<430	<8,800 J	<380	<4,100 J	<390	<380	<720	<380	<380	<2,000	<830	<110,000 J	<420	<370	<510
Naphthalene	12,000		<390	<430	<8,800 J	**140 J**	**4,300 J**	<390	<380	<720	**310 J**	<380	**3,300**	<830	**71,000 J**	<420	**130 J**	<510
4-Chloroaniline	-		<390	<430	<8,800 J	<380	<4,100 J	<390	<380	<720	<380	<380	<2,000	<830	<110,000 J	<420	<370	<510
Hexachlorobutadiene	-		<79	<87	<1,800 J	<77	<820 J	<80	<77	<150	<77	<77	<420	<170	<23,000 J	<86	<74	<100
4-Chloro-3-methylphenol	-		<390	<430	<8,800 J	<380	<4,100 J	<390	<380	<720	<380	<380	<2,000	<830	<110,000 J	<420	<370	<510
2-Methylnaphthalene	-		<390	<430	**2,500 J**	**140 J**	**2,000 J**	<390	<380	<720	**170 J**	<380	**3,000**	<830	**96,000 J**	<420	**94 J**	<510
Hexachlorocyclopentadiene	-		<390	<430	<8,800 J	<380	<4,100 J	<390	<380	<720	<380	<380	<2,000	<830	<110,000 J	<420	<370	<510
2,4,6-Trichlorophenol	-		<390	<430	<8,800 J	<380	<4,100 J	<390	<380	<720	<380	<380	<2,000	<830	<110,000 J	<420	<370	<510
2,4,5-Trichlorophenol	-		<390	<430	<8,800 J	<380	<4,100 J	<390	<380	<720	<380	<380	<2,000	<830	<110,000 J	<420	<370	<510
2-Chloronaphthalene	-		<390	<430	<8,800 J	<380	<4,100 J	<390	<380	<720	<380	<380	<2,000	<830	<110,000 J	<420	<370	<510
2-Nitroaniline	-		<790 J	<870	<18,000 J	<770	<8,200 J	<800 J	<770	<1,500	<770	<770	<4,200	<1,700	<230,000 J	<860	<740	<1,000
Acenaphthylene	100,000		<390	<430	**8,400 J**	**95 J**	**890 J**	<390	<380	**350 J**	**94 J**	<380	**740 J**	**1,500**	**450,000 J**	<420	<370	<510
Caprolactam	-		<390	<430	<8,800 J	<380	<4,100 J	<390	<380	<720	<380	<380	<2,000	<830	<110,000 J	<420	<370	<510
Dimethyl phthalate	-		<390	<430	<8,800 J	<380	<4,100 J	<390	<380	<720	<380	<380	<2,000	<830	<110,000 J	<420	<370	<510
2,6-Dinitrotoluene	-		<79	<87	<1,800 J	<77	<820 J	<80	<77	<150	<77	<77	<420	<170	<23,000 J	<86	<74	<100
Acenaphthene	20,000		<390	<430	**1,900 J**	**840**	**17,000 J**	<390	<380	**1,200**	**180 J**	<380	**1,400 J**	**260 J**	**45,000 J**	<420	**110 J**	<510
3-Nitroaniline	-		<790	<870	<18,000 J	<770	<8,200 J	<800	<770	<1,500	<770	<770	<4,200	<1,700	<230,000 J	<860	<740	<1,000
2,4-Dinitrophenol	-		<1,200	<1,300	<27,000 J	<1,200	<12,000 J	R	<1,100	<2,200	<1,100	<1,200	<6,200	<2,500	<340,000 J	<1,300	<1,100 J	<1,500
Dibenzofuran	7,000		<390	<430	<8,800 J	<380	<4,100 J	<390	<380	<720	**170 J**	<380	**730 J**	<830	<110,000 J	<420	**64 J**	<510
2,4-Dinitrotoluene	-		<79	<87	<1,800 J	<77	<820 J	<80	<77	<150	<77	<77	<420	<170	<23,000 J	<86	<74	<100
4-Nitrophenol	-		<1,200	<1,300	<27,000 J	<1,200	<12,000 J	<1,200	<1,100	<2,200	<1,100	<1,200	<6,200	<2,500	<340,000 J	<1,300	<1,100	<1,500
Fluorene	30,000		<390	<430	**7,400 J**	**240 J**	**8,100 J**	<390	<380	**230 J**	**300 J**	<380	**1,600 J**	**170 J**	**320,000 J**	<420	**140 J**	<510
1,1'-Biphenyl	-		<390	<430	<8,800 J	<380	**4,200 J**	<390	<380	<720	<380	<380	**370 J**	<830	**89,000 J**	<420	<370	<510
4-Chlorophenyl phenyl ether	-		<390	<430	<8,800 J	<380	<4,100 J	<390	<380	<720	<380	<380	<2,000	<830	<110,000 J	<420	<370	<510
Diethyl phthalate	-		<390	<430	<8,800 J	<380	<4,100 J	<390	<380	<720	<380	<380	<2,000	<830	<110,000 J	<420	<370	<510
4-Nitroaniline	-		<790 J	<870	<18,000 J	<770	<8,200 J	<800	<770	<1,500	<770	<770	<4,200	<1,700	<230,000 J	<860	<740	<1,000
4,6-Dinitro-2-methylphenol	-		<1,200	<1,300	<27,000 J	<1,200	<12,000 J	<1,200	<1,100	<2,200	<1,100	<1,200	<6,200	<2,500	<340,000 J	<1,300	<1,100 J	<1,500
N-Nitrosodiphenylamine	-		<390	<430	<8,800 J	<380	<4,100 J	<390	<380	<720	<380	<380	<2,000	<830	<110,000 J	<420	<370	<510
4-Bromophenyl phenyl ether	-		<390	<430	<8,800 J	<380	<4,100 J	<390	<380	<720	<380	<380	<2,000	<830	<110,000 J	<420	<370	<510
Hexachlorobenzene	330		<39	<43	<880 J	<38	<410 J	<39	<38	<72	<38	<38	<200	<83	<11,000 J	<42	<37	<51
Pentachlorophenol	800		<1,200	<1,300	<27,000 J	<1,200	<12,000 J	<1,200	<1,100	<2,200	<1,100	<1,200	<6,200	<2,500	<340,000 J	<1,300	<1,100	<1,500
Phenanthrene	100,000		<390	<430	**58,000 J**	**1,000**	**41,000 J**	<390	<380	**950**	**2,600**	<380	**13,000**	**400 J**	**1,600,000 J**	<420	**1,300**	<510
Carbazole	-		<390	<430	<8,800 J	<380	<4,100 J	<390	<380	<720	**270 J**	<380	**1,100 J**	<830	<110,000 J	<420	**100 J**	<510
Anthracene	100,000		<390	<430	**13,000 J**	**310 J**	**8,200 J**	<390	<380	**550 J**	**620**	<380	**3,600**	**370 J**	**320,000 J**	<420	**230 J**	<510
Di-n-butyl phthalate	-		<390	<430	<8,800 J	<380	<4,100 J	<390	<380	<720	<380	<380	<2,000	<830	<110,000 J	<420	<370	<510
Fluoranthene	100,000		<390	<430	**56,000 J**	**560**	**13,000 J**	<390	**110 J**	**2,200**	**3,200**	<380	**24,000**	**620 J**	**660,000 J**	<420	**1,400**	<510
Pyrene	100,000		<390	<430	**140,000 J**	**1,800**	**18,000 J**	<390	**250 J**	**6,600**	**3,600**	<380	**22,000**	**3,400**	**880,000 J**	<420	**1,400**	<510
Butyl benzyl phthalate	-		<390	<430	<8,800 J	<380	<4,100 J	<390	<380	<720	<380	<380	<2,000	<830	<110,000 J	<420	<370	<510
3,3'-Dichlorobenzidine	-		<790	<870	<18,000 J	<770	<8,200 J	<800	<770	<1,500	<770	<770	<4,200	<1,700	<230,000 J	<860	<740	<1,000
Benzo[a]anthracene	1,000		<39	<43	**61,000 J**	**440**	**6,200 J**	<39	**110**	**1,500**	**1,600**	<38	**11,000**	**560**	**300,000 J**	<42	**600**	<51
Chrysene	1,000		<390	<430	**75,000 J**	**670**	**5,900 J**	<390	**120 J**	**2,200**	**1,800**	<380	**12,000**	**2,000**	**260,000 J**	<420	**700**	<510
Bis(2-ethylhexyl) phthalate	-		<390	<430	<8,800 J	<380	<4,100 J	<390	<380	<720	**260 J**	<380	<2,000	<830	<110,000 J	**370 J**	**170 J**	<510
Di-n-octyl phthalate	-		<390	<430	<8,800 J	<380	<4,100 J	<390	<380	<720	<380	<380	<2,000	<830	<110,000 J	<420	<370	<510
Benzo[b]fluoranthene	1,000		<39	<43	**46,000 J**	**410**	**4,000 J**	<39	**140**	**1,900**	**2,200**	<38	**15,000**	**1,600**	**240,000 J**	<42	**880**	<51
Atrazine	-		<390	<430	<8,800 J	<380	<4,100 J	<390	<380	<720	<380	<380	<2,000	<830	<110,000 J	<420	<370	<510
Benzo[k]fluoranthene	800		<39	<43	**20,000 J**	**130**	**1,700 J**	<39	**46**	**580**	**900**	<38	**7,500**	**740**	**81,000 J**	<42	**330**	<51
Benzo[a]pyrene	1,000		<39	<43	**31,000 J**	**690**	**5,600 J**	<39	**120**	**3,400**	**2,000**	<38	**13,000**	**6,300**	**330,000 J**	<42	**800 J**	<51
Indeno[1,2,3-cd]pyrene	500		<39	<43	**35,000 J**	**400**	**2,200 J**	<39	**110**	**3,700**	**1,400**	<38	**10,000**	**6,300**	**200,000 J**	<42	**650 J**	<51
Dibenz(a,h)anthracene	330		<39	<43	**9,600 J**	**91**	**490 J**	<39	**18 J**	**480**	**420**	<38	**2,800**	**940**	**49,000 J**	<42	**150 J**	<51
Benzo[g,h,i]perylene	100,000		<390	<430	**53,000 J**	**570**	**3,300 J**	<390	**140 J**	**4,900**	**1,400**	<380	**9,500**	**8,200**	**240,000 J**	<420	**690 J**	<510

See footnotes on last page.

Table 8. Concentrations of Semi-Volatile Organic Compounds in Soil Samples Collected from Soil Borings and Compared to Unrestricted Use SCOs, Former Dangman Park MGP Site, Brooklyn, New York.

Compound (Units in ug/kg)	NYSDEC Subpart 375-6 Unrestricted Use SCO [1] (ug/kg)	Sample ID:	DUP121311	SB-11 (2-3')	SB-11 (6-8')	SB-11 (40.5-42.5')	SB-11 (67-69')	SB-12 (2-3')	SB-12 (6-8')	SB-13 (2-3')	Dup103111	SB-13 (6-8')	SB-13 (50-52')	SB-13 (60-62')	SB-14 (2.5-3.5')	SB-14 (6-8')	SB-16 (2-3')	SB-16 (5-7')
		Sample Depth (ft bls):	6 - 8	2 - 3	6 - 8	40.5 - 42.5	67 - 69	2 - 3	6 - 8	2 - 3	2 - 3	6 - 8	50 - 52	60 - 62	2.5 - 3.5	6 - 8	2 - 3	5 - 7
		Sample Date:	12/13/11	12/06/11	12/06/11	12/06/11	12/07/11	12/13/11	12/13/11	10/31/11	10/31/11	10/31/11	11/01/11	11/2/11	11/02/11	11/02/11	12/14/11	12/14/11
			SB-10 (6-8') Duplicate								SB-13 (2-3') Duplicate							
Phenol	330		<510	<2,100	<750	<410	<390	<720	<440	<740	<740	<360	<420	<390	<350	<380	<370	<370
Bis(2-chloroethyl)ether	-		<51	<210	<75	<41	<39	<72	<44	<74	<74	<36	<42	<39	<35	<38	<37	<37
2-Chlorophenol	-		<510	<2,100	<750	<410	<390	<720	<440	<740	<740	<360	<420	<390	<350	<380	<370	<370
Benzaldehyde	-		<510 J	<2,100 J	<750 J	<410 J	<390 J	<720 J	<440 J	<740 J	<740 J	<360 J	<420 J	<390 J	<350 J	<380 J	<370 J	<370 J
2,2'-oxybis[1-chloropropane]	-		<510	<2,100	<750	<410	<390	<720	<440	<740	<740	<360	<420	<390	<350	<380	<370	<370
2-Methylphenol	330		<510	<2,100	<750	<410	<390	<720	<440	<740	<740	<360	<420	<390	<350	<380	<370	<370
Hexachloroethane	-		<51	<210	<75	<41	<39	<72	<44	<74	<74	<36	<42	<39	<35	<38	<37	<37
N-Nitrosodi-n-propylamine	-		<51	<210	<75	<41	<39	<72	<44	<74	<74	<36	<42	<39	<35	<38	<37	<37
3 & 4 Methylphenol	330		<510	<2,100	<750	<410	<390	<720	<440	<740	<740	<360	<420	<390	<350	<380	<370	<370
Nitrobenzene	-		<51	<210	<75	<41	<39	<72	<44	<74	<74	<36	<42	<39	<35	<38	<37	<37
Isophorone	-		<510	<2,100	<750	<410	<390	<720	<440	<740	<740	<360	<420	<390	<350	<380	<370	<370
2-Nitrophenol	-		<510	<2,100	<750	<410	<390	<720	<440	<740	<740	<360	<420	<390	<350	<380	<370	<370
Acetophenone	-		<510	<2,100	<750	<410	<390	<720	<440	<740	<740	<360	<420	<390	<350	<380	<370	<370
2,4-Dimethylphenol	-		<510	<2,100	<750	<410	<390	<720	<440	<740	<740	<360	<420	<390	<350	<380	<370	<370
Bis(2-chloroethoxy)methane	-		<510	<2,100	<750	<410	<390	<720	<440	<740	<740	<360	<420	<390	<350	<380	<370	<370
2,4-Dichlorophenol	-		<510	<2,100	<750	<410	<390	<720	<440	<740	<740	<360	<420	<390	<350	<380	<370	<370
Naphthalene	12,000		<510	**2,400**	<750	**78 J**	**89 J**	**320 J**	<440	**300 J**	**280 J**	<360	<420	<390	<350	<380	<370	<370
4-Chloroaniline	-		<510	<2,100	<750	<410	<390	<720	<440	<740	<740	<360	<420	<390	<350	<380	<370	<370
Hexachlorobutadiene	-		<100	<430	<150	<82	<79	<150	<88	<150	<150	<73	<85	<80	<72	<77	<75	<75
4-Chloro-3-methylphenol	-		<510	<2,100	<750	<410	<390	<720	<440	<740	<740	<360	<420	<390	<350	<380	<370	<370
2-Methylnaphthalene	-		<510	**720 J**	**110 J**	<410	<390	**1,300**	<440	**190 J**	**160 J**	<360	<420	<390	<350	<380	<370	<370
Hexachlorocyclopentadiene	-		<510	<2,100	<750	<410	<390	<720	<440	<740	<740	<360	<420	<390	<350	<380	<370	<370
2,4,6-Trichlorophenol	-		<510	<2,100	<750	<410	<390	<720	<440	<740	<740	<360	<420	<390	<350	<380	<370	<370
2,4,5-Trichlorophenol	-		<510	<2,100	<750	<410	<390	<720	<440	<740	<740	<360	<420	<390	<350	<380	<370	<370
2-Chloronaphthalene	-		<510	<2,100	<750	<410	<390	<720	<440	<740	<740	<360	<420	<390	<350	<380	<370	<370
2-Nitroaniline	-		<1,000	<4,300	<1,500	<820	<790	<1,500	<880	<1,500	<1,500	<730	<850	<800	<720	<770	<750	<750
Acenaphthylene	100,000		<510	**590 J**	**1,300**	<410	<390	<720	<440	**530 J**	**470 J**	**320 J**	<420	<390	<350	<380	**130 J**	<370
Caprolactam	-		<510	<2,100	<750	<410	<390	<720	<440	<740	<740	<360	<420	<390	<350	<380	<370	<370
Dimethyl phthalate	-		<510	<2,100	<750	<410	<390	<720	<440	<740	<740	<360	<420	<390	<350	<380	<370	<370
2,6-Dinitrotoluene	-		<100	<430	<150	<82	<79	<150	<88	<150	<150	<73	<85	<80	<72	<77	<75	<75
Acenaphthene	20,000		<510	**1,400 J**	**170 J**	<410	<390	**470 J**	<440	**390 J**	**360 J**	<360	<420	<390	<350	<380	<370	<370
3-Nitroaniline	-		<1,000	<4,300	<1,500	<820	<790	<1,500	<880	<1,500	<1,500	<730	<850	<800	<720	<770	<750	<750
2,4-Dinitrophenol	-		<1,600	<6,400	<2,300	<1,200	<1,200	<2,200	<1,300	<2,200	<2,200	<1,100	<1,300	<1,200	<1,100	<1,200	<1,100	<1,100
Dibenzofuran	7,000		<510	**880 J**	<750	<410	<390	<720	<440	**350 J**	**300 J**	<360	<420	<390	<350	<380	<370	<370
2,4-Dinitrotoluene	-		<100	<430	<150	<82	<79	<150	<88	<150	<150	<73	<85	<80	<72	<77	<75	<75
4-Nitrophenol	-		<1,600	<6,400	<2,300	<1,200	<1,200	<2,200	<1,300	<2,200	<2,200	<1,100	<1,300	<1,200	<1,100	<1,200	<1,100	<1,100
Fluorene	30,000		<510	**2,400**	<750	<410	<390	**810**	<440	**830**	**760**	<360	<420	<390	<350	<380	<370	<370
1,1'-Biphenyl	-		<510	**350 J**	<750	<410	<390	**180 J**	<440	**150 J**	**140 J**	<360	<420	<390	<350	<380	<370	<370
4-Chlorophenyl phenyl ether	-		<510	<2,100	<750	<410	<390	<720	<440	<740	<740	<360	<420	<390	<350	<380	<370	<370
Diethyl phthalate	-		<510	<2,100	<750	<410	<390	<720	<440	<740	<740	<360	<420	<390	<350	<380	<370	<370
4-Nitroaniline	-		<1,000	<4,300	<1,500	<820	<790	<1,500	<880	<1,500	<1,500	<730	<850	<800	<720	<770	<750	<750
4,6-Dinitro-2-methylphenol	-		<1,600	<6,400	<2,300	<1,200	<1,200	<2,200	<1,300	<2,200	<2,200	<1,100	<1,300	<1,200	<1,100	<1,200	<1,100	<1,100
N-Nitrosodiphenylamine	-		<510	<2,100	<750	<410	<390	<720	<440	<740	<740	<360	<420	<390	<350	<380	<370	<370
4-Bromophenyl phenyl ether	-		<510	<2,100	<750	<410	<390	<720	<440	<740	<740	<360	<420	<390	<350	<380	<370	<370
Hexachlorobenzene	330		<51	<210	<75	<41	<39	<72	<44	<74	<74	<36	<42	<39	<35	<38	<37	<37
Pentachlorophenol	800		<1,600	<6,400	<2,300	<1,200	<1,200	<2,200	<1,300	<2,200	<2,200	<1,100	<1,300	<1,200	<1,100	<1,200	<1,100	<1,100
Phenanthrene	100,000		**150 J**	**15,000**	<750	**80 J**	<390	**4,900**	**120 J**	**11,000**	**10,000**	**99 J**	<420	<390	<350	<380	**960**	<370
Carbazole	-		<510	**1,200 J**	<750	<410	<390	**370 J**	<440	**620 J**	**570 J**	<360	<420	<390	<350	<380	**130 J**	<370
Anthracene	100,000		<510	**3,700**	<750	<410	<390	**800**	<440	**1,600**	**1,400**	<360	<420	<390	<350	<380	**120 J**	<370
Di-n-butyl phthalate	-		<510	<2,100	<750	<410	<390	<720	<440	<740	<740	<360	<420	<390	<350	<380	<370	<370
Fluoranthene	100,000		**300 J**	**17,000**	<750	<410	<390	**4,100**	**270 J**	**14,000**	**13,000**	**440**	<420	<390	<350	<380	**1,400**	<370
Pyrene	100,000		**370 J**	**15,000**	**520 J**	<410	<390	**3,800**	**380 J**	**14,000**	**13,000**	**1,600**	<420	<390	<350	<380	**2,000**	<370
Butyl benzyl phthalate	-		<510	<2,100	<750	<410	<390	<720	<440	<740	<740	<360	<420	<390	<350	<380	<370	<370
3,3'-Dichlorobenzidine	-		<1,000	<4,300	<1,500	<820	<790	<1,500	<880	<1,500	<1,500	<730	<850	<800	<720	<770	<750	<750
Benzo[a]anthracene	1,000		**160**	**7,600**	**160**	<41	<39	**1,900**	**160**	**5,500**	**5,500**	**390**	<42	<39	**19 J**	<38	**660**	<37
Chrysene	1,000		**170 J**	**8,400**	**600 J**	<410	<390	**2,600**	**150 J**	**6,600**	**5,900**	**690**	<420	<390	<350	<380	**1,000**	<370
Bis(2-ethylhexyl) phthalate	-		<510	<2,100	<750	<410	<390	<720	<440	<740	<740	<360	<420	<390	<350	<380	<370	<370
Di-n-octyl phthalate	-		<510	<2,100	<750	<410	<390	<720	<440	<740	<740	<360	<420	<390	<350	<380	<370	<370
Benzo[b]fluoranthene	1,000		**190**	**10,000**	**270**	<41	<39	**1,800**	**180**	**6,600**	**6,600**	**610**	<42	<39	**24 J**	<38	**1,100**	<37
Atrazine	-		<510	<2,100	<750	<410	<390	<720	<440	<740	<740	<360	<420	<390	<350	<380	<370	<370
Benzo[k]fluoranthene	800		**77**	**4,800**	**85**	<41	<39	**780**	**54**	**2,600**	**2,600**	**170**	<42	<39	<35	<38	**350**	<37
Benzo[a]pyrene	1,000		**180**	**8,800**	**780**	<41	<39	**1,800 J**	**180 J**	**6,300**	**6,200**	**1,800**	<42	<39	**20 J**	<38	**800**	<37
Indeno[1,2,3-cd]pyrene	500		**120**	**6,300**	**8,200**	<41	<39	**1,300**	**99**	**5,500**	**5,400**	**2,100**	<42	<39	<35	<38	**560**	<37
Dibenz(a,h)anthracene	330		<51	**1,700**	**620**	<41	<39	**330**	**27 J**	**1,200**	**1,200**	**250**	<42	<39	<35	<38	**150**	<37
Benzo[g,h,i]perylene	100,000		**110 J**	**6,800**	**12,000**	<410	<390	**1,500**	**120 J**	**5,300**	**5,700**	**3,200**	<420	<390	<350	<380	**660**	<370

See footnotes on last page.

Table 8. Concentrations of Semi-Volatile Organic Compounds in Soil Samples Collected from Soil Borings and Compared to Unrestricted Use SCOs, Former Dangman Park MGP Site, Brooklyn, New York.

Compound (Units in ug/kg)	NYSDEC Subpart 375-6 Unrestricted Use SCO [1] (ug/kg)	Sample ID:	SB-17 (2-3')	SB-17 (5-7')	SB-18 (2-3')	SB-18 (7-9')	SB-18 (20-22')	SB-18 (52-54')	SB-19 (2-3')	SB-19 (10-11')	SB-20 (2-3')	SB-20 (6-8')	DUP030112	SB-21 (2-3')	SB-21 (12-13')	SB-22 (2-3')	SB-22 (5-7')	SB-22 (33-34')
		Sample Depth (ft bls):	2 - 3	5 - 7	2 - 3	7 - 9	20 - 22	52 - 54	2 - 3	10 - 11	2 - 3	6 - 8	6 - 8	2 - 3	12 - 13	2 - 3	5 - 7	33 - 34
		Sample Date:	12/09/11	12/12/11	02/22/12	02/22/12	02/22/12	02/22/12	12/15/11	12/15/11	03/01/12	03/01/12	03/01/12 SB-20 (6-8') Duplicate	12/16/11	12/16/11	12/19/11	01/19/12	01/19/12
Phenol	330		<800	<370	<350	<450	<380	<390	<720	<410	<350	<400	<390	<360	<370	<340	<380	<20,000 J
Bis(2-chloroethyl)ether	-		<80	<37	<35	<45	<38	<39	<72	<41	<35	<40	<39	<36	<37	<34	<38	<2,000 J
2-Chlorophenol	-		<800	<370	<350	<450	<380	<390	<720	<410	<350	<400	<390	<360	<370	<340	<380	<20,000 J
Benzaldehyde	-		<800 J	<370 J	<350 J	<450 J	<380 J	<390 J	<720 J	<410 J	<350 J	<400 J	<390 J	<360 J	<370 J	<340 J	R	R
2,2'-oxybis[1-chloropropane]	-		<800	<370	<350	<450	<380	<390	<720	<410	<350	<400	<390	<360	<370	<340	<380	<20,000 J
2-Methylphenol	330		<800	<370	<350	<450	<380	<390	<720	<410	<350	<400	<390	<360	<370	<340	<380	<20,000 J
Hexachloroethane	-		<80	<37	<35	<45	<38	<39	<72	<41	<35	<40	<39	<36	<37	<34	<38	<2,000 J
N-Nitrosodi-n-propylamine	-		<80	<37	<35	<45	<38	<39	<72	<41	<35 J	<40 J	<39 J	<36	<37	<34	<38	<2,000 J
3 & 4 Methylphenol	330		<800	<370	<350	<450	<380	<390	<720	<410	<350	<400	<390	<360	<370	<340	<380	<20,000 J
Nitrobenzene	-		<80	<37	<35	<45	<38	<39	<72	<41	<35	<40	<39	<36	<37	<34	<38	<2,000 J
Isophorone	-		<800	<370	<350	<450	<380	<390	<720	<410	<350	<400	<390	<360	<370	<340	<380	<20,000 J
2-Nitrophenol	-		<800	<370	<350	<450	<380	<390	<720	<410	<350	<400	<390	<360	<370	<340	<380	<20,000 J
Acetophenone	-		<800	<370	<350	<450	<380	<390	<720	<410	<350	<400	<390	<360	<370	<340	<380	<20,000 J
2,4-Dimethylphenol	-		<800	<370	<350	<450	<380	<390	<720	<410	<350	<400	<390	<360	<370	<340	<380	<20,000 J
Bis(2-chloroethoxy)methane	-		<800	<370	<350	<450	<380	<390	<720	<410	<350	<400	<390	<360	<370	<340	<380	<20,000 J
2,4-Dichlorophenol	-		<800	<370	<350	<450	<380	<390	<720	<410	<350	<400	<390	<360	<370	<340	<380	<20,000 J
Naphthalene	12,000		<800	<370	<350	<450	<380	<390	**220 J**	<410	<350	<400	<390	<360	<370	**94 J**	<380	**94,000 J**
4-Chloroaniline	-		<800	<370	<350	<450	<380	<390	<720	<410	<350	<400	<390	<360	<370	<340	<380	<20,000 J
Hexachlorobutadiene	-		<160	<75	<71	<92	<76	<80	<150	<82	<72	<81	<79	<73	<75	<69	<78	<4,200 J
4-Chloro-3-methylphenol	-		<800	<370	<350	<450	<380	<390	<720	<410	<350	<400	<390	<360	<370	<340	<380	<20,000 J
2-Methylnaphthalene	-		<800	<370	<350	<450	<380	<390	**120 J**	<410	<350	<400	<390	<360	<370	<340	<380	**62,000 J**
Hexachlorocyclopentadiene	-		<800	<370	<350	<450	<380	<390	<720	<410	<350	<400	<390	<360	<370	<340	<380	<20,000 J
2,4,6-Trichlorophenol	-		<800	<370	<350	<450	<380	<390	<720	<410	<350	<400	<390	<360	<370	<340	<380	<20,000 J
2,4,5-Trichlorophenol	-		<800	<370	<350	<450	<380	<390	<720	<410	<350	<400	<390	<360	<370	<340	<380	<20,000 J
2-Chloronaphthalene	-		<800	<370	<350	<450	<380	<390	<720	<410	<350	<400	<390	<360	<370	<340	<380	<20,000 J
2-Nitroaniline	-		<1,600	<750	<710	<920	<760	<800	<1,500	<820	<720	<810	<790	<730	<750	<690	<780	<42,000 J
Acenaphthylene	100,000		**530 J**	<370	<350	<450	<380	<390	**560 J**	<410	<350	<400	<390	<360	<370	**160 J**	<380	**6,700 J**
Caprolactam	-		<800	<370	<350	<450	<380	<390	<720	<410	<350	<400	<390	<360	<370	<340	<380	<20,000 J
Dimethyl phthalate	-		<800	<370	<350	<450	<380	<390	<720	<410	<350	<400	<390	<360	<370	<340	<380	<20,000 J
2,6-Dinitrotoluene	-		<160	<75	<71	<92	<76	<80	<150	<82	<72	<81	<79	<73	<75	<69	<78	<4,200 J
Acenaphthene	20,000		**380 J**	<370	<350	<450	<380	<390	**270 J**	<410	<350	<400	<390	<360	<370	<340	<380	**160,000 J**
3-Nitroaniline	-		<1,600	<750	<710	<920	<760	<800	<1,500	<820	<720	<810	<790	<730	<750	<690	<780	<42,000 J
2,4-Dinitrophenol	-		<2,400	<1,100	<1,100	<1,400	<1,100	<1,200	<2,200	<1,200	<1,100	<1,200	<1,200	<1,100	<1,100	<1,000	<1,200	<62,000 J
Dibenzofuran	7,000		**230 J**	<370	<350	<450	<380	<390	**160 J**	<410	<350	<400	<390	<360	<370	<340	<380	<20,000 J
2,4-Dinitrotoluene	-		<160	<75	<71	<92	<76	<80	<150	<82	<72	<81	<79	<73	<75	<69	<78	<4,200 J
4-Nitrophenol	-		<2,400	<1,100	<1,100	<1,400	<1,100	<1,200	<2,200	<1,200	<1,100 J	<1,200 J	<1,200 J	<1,100	<1,100	<1,000	<1,200	<62,000 J
Fluorene	30,000		**490 J**	<370	<350	<450	<380	<390	**510 J**	<410	<350	<400	<390	<360	<370	<340	<380	**69,000 J**
1,1'-Biphenyl	-		<800	<370	<350	<450	<380	<390	<720	<410	<350	<400	<390	<360	<370	<340	<380	**40,000 J**
4-Chlorophenyl phenyl ether	-		<800	<370	<350	<450	<380	<390	<720	<410	<350	<400	<390	<360	<370	<340	<380	<20,000 J
Diethyl phthalate	-		<800	<370	<350	<450	<380	<390	<720	<410	<350	<400	<390	<360	<370	<340	<380	<20,000 J
4-Nitroaniline	-		<1,600	<750	<710	<920	<760	<800	<1,500	<820	<720	<810	<790	<730	<750	<690	<780	<42,000 J
4,6-Dinitro-2-methylphenol	-		<2,400	<1,100	<1,100	<1,400	<1,100	<1,200	<2,200	<1,200	<1,100	<1,200	<1,200	<1,100	<1,100	<1,000	<1,200	<62,000 J
N-Nitrosodiphenylamine	-		<800	<370	<350	<450	<380	<390	<720	<410	<350	<400	<390	<360	<370	<340	<380	<20,000 J
4-Bromophenyl phenyl ether	-		<800	<370	<350	<450	<380	<390	<720	<410	<350	<400	<390	<360	<370	<340	<380	<20,000 J
Hexachlorobenzene	330		<80	<37	<35	<45	<38	<39	<72	<41	<35	<40	<39	<36	<37	<34	<38	<2,000 J
Pentachlorophenol	800		<2,400	<1,100	<1,100	<1,400	<1,100	<1,200	<2,200	<1,200	<1,100	<1,200	<1,200	<1,100	<1,100	<1,000	<1,200	<62,000 J
Phenanthrene	100,000		**6,200**	<370	<350	<450	<380	<390	**3,900**	<410	<350	<400	<390	**120 J**	<370	**200 J**	<380	**330,000 J**
Carbazole	-		**880**	<370	<350	<450	<380	<390	**210 J**	<410	<350	<400	<390	<360	<370	<340	<380	<20,000 J
Anthracene	100,000		**1,600**	<370	<350	<450	<380	<390	**800**	<410	<350	<400	<390	<360	<370	**72 J**	<380	**60,000 J**
Di-n-butyl phthalate	-		<800	<370	<350	<450	<380	<390	<720	<410	<350	<400	<390	<360	<370	<340	<380	<20,000 J
Fluoranthene	100,000		**10,000**	<370	<350	<450	<380	<390	**5,300**	<410	**79 J**	<400	<390	**210 J**	<370	**360**	<380	**120,000 J**
Pyrene	100,000		**7,000**	<370	<350	<450	<380	<390	**9,600**	<410	**88 J**	<400	<390	**370**	<370	**660 J**	<380	**190,000 J**
Butyl benzyl phthalate	-		<800	<370	<350	<450	<380	<390	<720	<410	<350	<400	<390	<360	<370	<340	<380	<20,000 J
3,3'-Dichlorobenzidine	-		<1,600	<750	<710	<920	<760	<800	<1,500	<820	<720	<810	<790	<730	<750	<690	<780	<42,000 J
Benzo[a]anthracene	1,000		**4,900**	<37	<35	<45	<38	<39	**3,500**	<41	**52**	<40	<39	**160**	<37	**340**	**44**	**59,000 J**
Chrysene	1,000		**5,100**	<370	<350	<450	<380	<390	**4,200**	<410	**68 J**	<400	<390	**200 J**	<370	**410**	<380	**47,000 J**
Bis(2-ethylhexyl) phthalate	-		<800	<370	<350	<450	<380	<390	<720	<410	<350	<400	<390	<360	<370	<340	<380	<20,000 J
Di-n-octyl phthalate	-		<800	<370	<350	<450	<380	<390	<720	<410	<350	<400	<390	<360	<370	<340	<380	<20,000 J
Benzo[b]fluoranthene	1,000		**4,000**	<37	<35	<45	<38	<39	**4,100**	<41	**72**	<40	<39	**240**	<37	**540**	**56**	**33,000 J**
Atrazine	-		<800	<370	<350	<450	<380	<390	<720	<410	<350	<400	<390	<360	<370	<340	<380	<20,000 J
Benzo[k]fluoranthene	800		**1,900**	<37	<35	<45	<38	<39	**1,500**	<41	<35	<40	<39	**84**	<37	**230**	**16 J**	**13,000 J**
Benzo[a]pyrene	1,000		**3,800**	<37	<35	<45	<38	<39	**3,800**	<41	**71**	<40	<39	**230**	<37	**500**	**53**	**44,000 J**
Indeno[1,2,3-cd]pyrene	500		**2,800**	<37	<35	<45	<38	<39	**2,500**	<41	**60**	<40	<39	**180**	<37	**480**	**64**	**21,000 J**
Dibenz(a,h)anthracene	330		**750**	<37	<35	<45	<38	<39	**640**	<41	<35	<40	<39	<36	<37	**120**	**11 J**	**3,300 J**
Benzo[g,h,i]perylene	100,000		**2,500**	<370	<350	<450	<380	<390	**3,000**	<410	**65 J**	<400	<390	**230 J**	<370	**640**	**81 J**	**25,000 J**

See footnotes on last page.

Table 8. Concentrations of Semi-Volatile Organic Compounds in Soil Samples Collected from Soil Borings and Compared to Unrestricted Use SCOs, Former Dangman Park MGP Site, Brooklyn, New York.

Compound (Units in ug/kg)	NYSDEC Subpart 375-6 Unrestricted Use SCO [1] (ug/kg)	Sample ID:	SB-22 (58-60')	SB-23 (5-7')	SB-24 (5-7')	MW-13 (77-79')	MW-13 (90-92')	MW-14 (82-84')	MW-14 (108-110')	MW-17 (7-9')	MW-17 (25-27')	MW-17 (103-105')	MW-17 (113-115')	MW-18 (82-84')	MW-18 (97-99')	MW-19 (2-3')	MW-19 (5-7')	MW-19 (67-69')
		Sample Depth (ft bls):	58 - 60	5 - 7	5 - 7	77 - 79	90 - 92	82 - 84	108 - 110	7 - 9	25 - 27	103 - 105	113 - 115	82 - 84	97 - 99	2 - 3	5 - 7	67 - 69
		Sample Date:	01/19/12	02/28/12	02/29/12	02/23/12	02/24/12	02/13/12	02/14/12	02/15/12	02/15/12	02/16/12	02/16/12	02/15/12	02/15/12	02/20/12	02/20/12	02/20/12
Phenol	330		<390	<420	<400	<390	<400	<440	<380	<1,900	<400	<390	<390	<400	<440	<370	<760	<430
Bis(2-chloroethyl)ether	-		<39	<42	<40	<39	<40	<44	<38	<190	<40	<39	<39	<40	<44	<37	<76	<43
2-Chlorophenol	-		<390	<420	<400	<390	<400	<440	<380	<1,900	<400	<390	<390	<400	<440	<370	<760	<430
Benzaldehyde	-		R	<420 J	<400 J	<390 J	<400 J	<440 J	<380 J	<1,900 J	<400 J	<390 J	<390 J	<400 J	<440 J	<370 J	<760 J	<430 J
2,2'-oxybis[1-chloropropane]	-		<390	<420	<400	<390	<400	<440	<380	<1,900	<400	<390	<390	<400	<440	<370	<760	<430
2-Methylphenol	330		<390	<420	<400	<390	<400	<440	<380	<1,900	<400	<390	<390	<400	<440	<370	<760	<430
Hexachloroethane	-		<39	<42	<40	<39	<40	<44	<38	<190	<40	<39	<39	<40	<44	<37	<76	<43
N-Nitrosodi-n-propylamine	-		<39	<42	<40 J	<39	<40	<44	<38	<190	<40	<39	<39	<40	<44	<37	<76	<43
3 & 4 Methylphenol	330		<390	<420	<400	<390	<400	<440	<380	<1,900	<400	<390	<390	<400	<440	<370	<760	<430
Nitrobenzene	-		<39	<42	<40	<39	<40	<44	<38	<190	<40	<39	<39	<40	<44	<37	<76	<43
Isophorone	-		<390	<420	<400	<390	<400	<440	<380	<1,900	<400	<390	<390	<400	<440	<370	<760	<430
2-Nitrophenol	-		<390	<420	<400	<390	<400	<440	<380	<1,900	<400	<390	<390	<400	<440	<370	<760	<430
Acetophenone	-		<390	<420	<400	<390	<400	<440	<380	<1,900	<400	<390	<390	<400	<440	<370	<760	<430
2,4-Dimethylphenol	-		<390	<420	<400	<390	<400	<440	<380	<1,900	<400	<390	<390	<400	<440	<370	<760	<430
Bis(2-chloroethoxy)methane	-		<390	<420	<400	<390	<400	<440	<380	<1,900	<400	<390	<390	<400	<440	<370	<760	<430
2,4-Dichlorophenol	-		<390	<420	<400	<390	<400	<440	<380	<1,900	<400	<390	<390	<400	<440	<370	<760	<430
Naphthalene	12,000		<390	<420	<400	<390	<400	<440	<380	<1,900	<400	**82 J**	<390	<400	<440	**370**	**220 J**	<430
4-Chloroaniline	-		<390	<420	<400	<390	<400	<440	<380	<1,900	<400	<390	<390	<400	<440	<370	<760	<430
Hexachlorobutadiene	-		<80	<86	<82	<80	<80	<89	<78	<380	<82	<79	<78	<81	<89	<75	<150	<88
4-Chloro-3-methylphenol	-		<390	<420	<400	<390	<400	<440	<380	<1,900	<400	<390	<390	<400	<440	<370	<760	<430
2-Methylnaphthalene	-		<390	<420	<400	<390	<400	<440	<380	<1,900	<400	<390	<390	<400	<440	**240 J**	**670 J**	<430
Hexachlorocyclopentadiene	-		<390	<420	<400	<390	<400	<440	<380	<1,900	<400	<390	<390	<400	<440	<370	<760	<430
2,4,6-Trichlorophenol	-		<390	<420	<400	<390	<400	<440	<380	<1,900	<400	<390	<390	<400	<440	<370	<760	<430
2,4,5-Trichlorophenol	-		<390	<420	<400	<390	<400	<440	<380	<1,900	<400	<390	<390	<400	<440	<370	<760	<430
2-Chloronaphthalene	-		<390	<420	<400	<390	<400	<440	<380	<1,900	<400	<390	<390	<400	<440	<370	<760	<430
2-Nitroaniline	-		<800	<860	<820	<800	<800	<890	<780	<3,800	<820	<790	<780	<810	<890	<750	<1,500	<880
Acenaphthylene	100,000		<390	<420	<400	<390	<400	<440	<380	**730 J**	<400	<390	<390	<400	<440	**190 J**	**390 J**	<430
Caprolactam	-		<390	<420	<400	<390	<400	<440	<380	<1,900	<400	<390	<390	<400	<440	<370	<760	<430
Dimethyl phthalate	-		<390	<420	<400	<390	<400	<440	<380	<1,900	<400	<390	<390	<400	<440	<370	<760	<430
2,6-Dinitrotoluene	-		<80	<86	<82	<80	<80	<89	<78	<380	<82	<79	<78	<81	<89	<75	<150	<88
Acenaphthene	20,000		<390	<420	<400	<390	<400	<440	<380	**1,400 J**	<400	<390	<390	<400	<440	**320 J**	**240 J**	<430
3-Nitroaniline	-		<800	<860	<820	<800	<800	<890	<780	<3,800	<820	<790	<780	<810	<890	<750	<1,500	<880
2,4-Dinitrophenol	-		<1,200	<1,300	R	<1,200	<1,200	<1,300	<1,200	<5,700	<1,200	<1,200	<1,200	<1,200	<1,300	<1,100	<2,300	<1,300
Dibenzofuran	7,000		<390	<420	<400	<390	<400	<440	<380	<1,900	<400	<390	<390	<400	<440	**240 J**	<760	<430
2,4-Dinitrotoluene	-		<80	<86	<82	<80	<80	<89	<78	<380	<82	<79	<78	<81	<89	<75	<150	<88
4-Nitrophenol	-		<1,200	<1,300	<1,200 J	<1,200	<1,200	<1,300	<1,200	<5,700	<1,200 J	<1,200 J	<1,200 J	<1,200	<1,300 J	<1,100	<2,300	<1,300
Fluorene	30,000		<390	<420	<400	<390	<400	<440	<380	**4,800**	<400	<390	<390	<400	<440	**450**	**150 J**	<430
1,1'-Biphenyl	-		<390	<420	<400	<390	<400	<440	<380	<1,900	<400	<390	<390	<400	<440	**68 J**	<760	<430
4-Chlorophenyl phenyl ether	-		<390	<420	<400	<390	<400	<440	<380	<1,900	<400	<390	<390	<400	<440	<370	<760	<430
Diethyl phthalate	-		<390	<420	<400	<390	<400	<440	<380	<1,900	<400	<390	<390	<400	<440	<370	<760	<430
4-Nitroaniline	-		<800	<860	<820	<800	<800	<890	<780	<3,800	<820	<790	<780	<810	<890	<750	<1,500	<880 J
4,6-Dinitro-2-methylphenol	-		<1,200	<1,300	<1,200	<1,200	<1,200	<1,300	<1,200	<5,700	<1,200	<1,200	<1,200	<1,200	<1,300	<1,100	<2,300	<1,300
N-Nitrosodiphenylamine	-		<390	<420	<400	<390	<400	<440	<380	<1,900	<400	<390	<390	<400	<440	<370	<760	<430
4-Bromophenyl phenyl ether	-		<390	<420	<400	<390	<400	<440	<380	<1,900	<400	<390	<390	<400	<440	<370	<760	<430
Hexachlorobenzene	330		<39	<42	<40	<39	<40	<44	<38	<190	<40	<39	<39	<40	<44	<37	<76	<43
Pentachlorophenol	800		<1,200	<1,300	<1,200	<1,200	<1,200	<1,300	<1,200	<5,700	<1,200	<1,200	<1,200	<1,200	<1,300	<1,100	<2,300	<1,300
Phenanthrene	100,000		<390	<420	<400	<390	<400	<440	<380	**24,000**	**190 J**	<390	<390	**68 J**	<440	**3,200**	**900**	<430
Carbazole	-		<390	<420	<400	<390	<400	<440	<380	<1,900	<400	<390	<390	<400	<440	**300 J**	<760	<430
Anthracene	100,000		<390	<420	<400	<390	<400	<440	<380	**9,000**	<400	<390	<390	<400	<440	**640**	**740 J**	<430
Di-n-butyl phthalate	-		<390	<420	<400	<390	<400	<440	<380	<1,900	<400	<390	<390	<400	<440	<370	<760	<430
Fluoranthene	100,000		<390	<420	<400	<390	<400	<440	<380	**19,000**	**180 J**	<390	<390	<400	<440	**5,300**	**3,300**	<430
Pyrene	100,000		<390	<420	<400	<390	**39 J**	<440	<380	**28,000**	**350 J**	<390	<390	<400	<440	**3,800**	**4,400**	<430
Butyl benzyl phthalate	-		<390	<420	<400	<390	<400	<440	<380	<1,900	<400	<390	<390	<400	<440	<370	<760	<430
3,3'-Dichlorobenzidine	-		<800	<860	<820	<800	<800	<890	<780	<3,800	<820	<790	<780	<810	<890	<750	<1,500	<880
Benzo[a]anthracene	1,000		**13 J**	<42	<40	<39	**47**	<44	<38	**9,800**	**100**	<39	<39	<40	<44	**2,200**	**2,500**	<43
Chrysene	1,000		<390	<420	<400	<390	<400	<440	<380	**9,600**	**110 J**	<390	<390	<400	<440	**2,500**	**2,700**	<430
Bis(2-ethylhexyl) phthalate	-		<390	<420	<400	<390	<400	**180 J**	<380	<1,900	**300 J**	**150 J**	**590**	<400	**1,600**	**4,500**	<760	<430
Di-n-octyl phthalate	-		<390	<420	<400	<390	<400	<440	<380	<1,900	<400	<390	<390	<400	<440	<370	<760	<430
Benzo[b]fluoranthene	1,000		<39	<42	<40	<39	**47**	<44	<38	**5,800**	**67**	<39	<39	<40	<44	**2,300**	**2,400**	<43
Atrazine	-		<390	<420	<400	<390	<400	<440	<380	<1,900	<400	<390	<390	<400	<440	<370	<760	<430
Benzo[k]fluoranthene	800		<39	<42	<40	<39	**20 J**	<44	<38	**2,300**	**26 J**	<39	<39	<40	<44	**900**	**960**	<43
Benzo[a]pyrene	1,000		<39	<42	<40	<39	**37 J**	<44	<38	**7,800**	**78**	<39	<39	<40	<44	**2,100**	**2,900**	<43
Indeno[1,2,3-cd]pyrene	500		<39	<42	<40	<39	<40	<44	<38	**3,600**	**41**	<39	<39	<40	<44	**1,600**	**2,200**	<43
Dibenz(a,h)anthracene	330		<39	<42	<40	<39	<40	<44	<38	**720**	<40	<39	<39	<40	<44	**400**	**520**	<43
Benzo[g,h,i]perylene	100,000		<390 J	<420	<400	<390	<400	<440	<380	**4,300**	**55 J**	<390	<390	<400	<440	**1,500**	**2,800**	<430

See footnotes on last page.

Table 8. Concentrations of Semi-Volatile Organic Compounds in Soil Samples Collected from Soil Borings and Compared to Unrestricted Use SCOs, Former Dangman Park MGP Site, Brooklyn, New York.

Compound (Units in ug/kg)	NYSDEC Subpart 375-6 Unrestricted Use SCO [1] (ug/kg)	Sample ID:	MW-19 (77-79')	MW-20 (80-82')	MW-20 (85-86')	DUP112113	MW-20 (90-92')
		Sample Depth (ft bls):	77 - 79	80 - 82	85 - 86	85 - 86	90 - 92
		Sample Date:	02/21/12	11/21/13	11/21/13	11/21/13	11/21/13
						MW-20 (85-86') Duplicate	
Phenol	330		<420	<430	<440	<430	<430
Bis(2-chloroethyl)ether	-		<42	<43	<44	<43	<43
2-Chlorophenol	-		<420	<430	<440	<430	<430
Benzaldehyde	-		<420 J	<430	<440	<430	<430
2,2'-oxybis[1-chloropropane]	-		<420	<430	<440	<430	<430
2-Methylphenol	330		<420	<430	<440	<430	<430
Hexachloroethane	-		<42	<43	<44	<43	<43
N-Nitrosodi-n-propylamine	-		<42	<43	<44	<43	<43
3 & 4 Methylphenol	330		<420	<430	<440	<430	<430
Nitrobenzene	-		<42	<43	<44	<43	<43
Isophorone	-		<420	<430	<440	<430	<430
2-Nitrophenol	-		<420	<430	<440	<430	<430
Acetophenone	-		<420	<430	<440	<430	<430
2,4-Dimethylphenol	-		<420	<430	<440	<430	<430
Bis(2-chloroethoxy)methane	-		<420	<430	<440	<430	<430
2,4-Dichlorophenol	-		<420	<430	<440	<430	<430
Naphthalene	12,000		<420	<430	<440	<430	<430
4-Chloroaniline	-		<420	<430	<440	<430	<430
Hexachlorobutadiene	-		<85	<88	<88	<88	<87
4-Chloro-3-methylphenol	-		<420	<430	<440	<430	<430
2-Methylnaphthalene	-		<420	<430	<440	<430	<430
Hexachlorocyclopentadiene	-		<420	<430	<440	<430	<430
2,4,6-Trichlorophenol	-		<420	<430	<440	<430	<430
2,4,5-Trichlorophenol	-		<420	<430	<440	<430	<430
2-Chloronaphthalene	-		<420	<430	<440	<430	<430
2-Nitroaniline	-		<850	<880	<880	<880	<870
Acenaphthylene	100,000		<420	<430	<440	<430	<430
Caprolactam	-		<420	<430	<440	<430	<430 J
Dimethyl phthalate	-		<420	<430	<440	<430	<430
2,6-Dinitrotoluene	-		<85	<88	<88	<88	<87
Acenaphthene	20,000		<420	<430	<440	<430	<430
3-Nitroaniline	-		<850	<880	<880	<880	<870
2,4-Dinitrophenol	-		<1,300	<1,300	<1,300	<1,300	<1,300
Dibenzofuran	7,000		<420	<430	<440	<430	<430
2,4-Dinitrotoluene	-		<85	<88	<88	<88	<87
4-Nitrophenol	-		<1,300	<1,300	<1,300	<1,300	<1,300 J
Fluorene	30,000		<420	<430	<440	<430	<430
1,1'-Biphenyl	-		<420	<430	<440	<430	<430
4-Chlorophenyl phenyl ether	-		<420	<430	<440	<430	<430
Diethyl phthalate	-		<420	**66 J**	**61 J**	**75 J**	<430
4-Nitroaniline	-		<850 J	<880	<880	<880	<870 J
4,6-Dinitro-2-methylphenol	-		<1,300	<1,300	<1,300	<1,300	<1,300
N-Nitrosodiphenylamine	-		<420	<430	<440	<430	<430
4-Bromophenyl phenyl ether	-		<420	<430	<440	<430	<430
Hexachlorobenzene	330		<42	<43	<44	<43	<43
Pentachlorophenol	800		<1,300	<1,300	<1,300	<1,300	<1,300
Phenanthrene	100,000		<420	<430	<440	<430	<430
Carbazole	-		<420	<430	<440	<430	<430
Anthracene	100,000		<420	<430	<440	<430	<430
Di-n-butyl phthalate	-		<420	**91 J**	<440	<430	<430
Fluoranthene	100,000		<420	<430	<440	<430	<430
Pyrene	100,000		<420	<430	<440	<430	<430
Butyl benzyl phthalate	-		<420	<430	<440	<430	<430
3,3'-Dichlorobenzidine	-		<850	<880	<880	<880	<870
Benzo[a]anthracene	1,000		<42	<43	<44	<43	<43
Chrysene	1,000		<420	<430	<440	<430	<430
Bis(2-ethylhexyl) phthalate	-		<420	<430	<440	<430	<430
Di-n-octyl phthalate	-		<420	<430	<440	<430	<430
Benzo[b]fluoranthene	1,000		<42	<43	<44	<43	<43
Atrazine	-		<420	<430	<440	<430	<430
Benzo[k]fluoranthene	800		<42	<43	<44	<43	<43
Benzo[a]pyrene	1,000		<42	<43	<44	<43	<43
Indeno[1,2,3-cd]pyrene	500		<42	<43	<44	<43	<43
Dibenz(a,h)anthracene	330		<42	<43	<44	<43	<43
Benzo[g,h,i]perylene	100,000		<420	<430	<440	<430	<430

See footnotes on last page.

Table 8. Concentrations of Semi-Volatile Organic Compounds in Soil Samples Collected from Soil Borings and Compared to Unrestricted Use SCOs, Former Dangman Park MGP Site, Brooklyn, New York.

1	Table 375-6.8(a): Unrestricted Use Soil Cleanup Objectives.
NYSDEC	New York State Department of Environmental Conservation.
SCO	Soil Cleanup Objective.
ug/kg	Micrograms per kilogram.
J	Estimated value.
R	Result rejected.
ft bls	Feet below land surface.
-	Not available.
Bold	Indicates detection above laboratory Method Detection Limit.
	Compound concentration exceeds Unrestricted Use SCO.

Table 9. Concentrations of Total Cyanide and Free Cyanide in Soil Samples Collected from Soil Borings and Compared to Restricted Use SCOs, Former Dangman Park MGP Site, Brooklyn, New York.

Analyte (Units in mg/kg)	NYSDEC Subpart 375-6 Protection of Public Health Commercial Use SCO [1] (mg/kg)	NYSDEC Subpart 375-6 Protection of Groundwater SCO [1] (mg/kg)	Sample ID: / Sample Depth (ft bls): / Sample Date:	SB-4 (98-100') 98 - 100 10/15/11	SB-5 (78-80') 78 - 80 10/13/11	SB-6 (2-3') 2 - 3 10/17/11	SB-6 (6-8') 6 - 8 10/17/11	SB-6 (43-45') 43 - 45 10/17/11	SB-6 (58-60') 58 - 60 10/17/11	SB-7 (2-3') 2 - 3 10/18/11	SB-7 (6-8') 6 - 8 10/18/11	SB-8 (2-3') 2 - 3 12/08/11	SB-8 (6-8') 6 - 8 12/09/11	SB-9 (2-3') 2 - 3 12/07/11	SB-9 (6-8') 6 - 8 12/07/11	SB-9 (72-73.5') 72 - 73.5 12/08/11	SB-9 (95.5-97.5') 95.5 - 97.5 12/08/11
Total Cyanide	27	40		<0.59	<0.65 J	**10.8**	<0.58	<0.61	<0.6	<0.57	<0.54	<0.57	<0.58	<0.62	<0.63 BJ	**0.086 J**	<0.64
Free Cyanide	-	-		<2.6 B	<3 B	<2.3 B	<2.6 B	<2.8 B	<2.6 B	<2.5 B	<2.4 B	<1.2 J	<1.2 J	<1.3 BJ	<1.3 BJ	<1.4 J	<1.4 J

1	Table 375-6.8(b): Restricted Use Soil Cleanup Objectives.
NYSDEC	New York State Department of Environmental Conservation.
SCO	Soil Cleanup Objective.
mg/kg	Milligrams per kilogram.
B	Non-detect at the listed value due to associated blank contamination.
J	Estimated value.
ft bls	Feet below land surface.
-	Not available.
Bold	Indicates detection above laboratory Method Detection Limit.

Table 9. Concentrations of Total Cyanide and Free Cyanide in Soil Samples Collected from Soil Borings and Compared to Restricted Use SCOs, Former Dangman Park MGP Site, Brooklyn, New York.

Analyte (Units in mg/kg)	NYSDEC Subpart 375-6 Protection of Public Health Commercial Use SCO [1] (mg/kg)	NYSDEC Subpart 375-6 Protection of Groundwater SCO [1] (mg/kg)	Sample ID:	SB-10 (2-3')	SB-10 (6-8')	DUP121311	SB-11 (2-3')	SB-11 (6-8')	SB-11 (40.5-42.5')	SB-11 (67-69')	SB-12 (2-3')	SB-12 (6-8')	SB-13 (2-3')	Dup103111	SB-13 (6-8')	SB-13 (50-52')	SB-13 (60-62')
			Sample Depth (ft bls):	2 - 3	6 - 8	6 - 8	2 - 3	6 - 8	40.5 - 42.5	67 - 69	2 - 3	6 - 8	2 - 3	2 - 3	6 - 8	50 - 52	60 - 62
			Sample Date:	12/12/11	12/13/11	12/13/11	12/06/11	12/06/11	12/06/11	12/07/11	12/13/11	12/13/11	10/31/11	10/31/11	10/31/11	10/31/11	11/2/11
						SB-10 (6-8') Duplicate								SB-13 (2-3') Duplicate			
Total Cyanide	27	40		**0.41 J**	<0.78	<0.78	<0.64	<0.57	<0.62	<0.59	**0.73**	<0.66	<0.56	<0.56	<0.55	<0.63	<0.6
Free Cyanide	-	-		<1.2 J	**0.37 J**	**0.3 J**	<1.3 BJ	<1.2 BJ	<1.3 BJ	<1.4 BJ	<1.2 J	<1.4 J	<2.5	<2.5	<2.5 B	<2.8	<2.6

1	Table 375-6.8(b): Restricted Use Soil Cleanup Objectives.
NYSDEC	New York State Department of Environmental Conservation.
SCO	Soil Cleanup Objective.
mg/kg	Milligrams per kilogram.
B	Non-detect at the listed value due to associated blank contamination.
J	Estimated value.
ft bls	Feet below land surface.
-	Not available.
Bold	Indicates detection above laboratory Method Detection Limit.

Table 9. Concentrations of Total Cyanide and Free Cyanide in Soil Samples Collected from Soil Borings and Compared to Restricted Use SCOs, Former Dangman Park MGP Site, Brooklyn, New York.

Analyte (Units in mg/kg)	NYSDEC Subpart 375-6 Protection of Public Health Commercial Use SCO [1] (mg/kg)	NYSDEC Subpart 375-6 Protection of Groundwater SCO [1] (mg/kg)	Sample ID:	SB-14 (2.5-3.5')	SB-14 (6-8')	SB-16 (2-3')	SB-16 (5-7')	SB-17 (2-3')	SB-17 (5-7')	SB-18 (2-3')	SB-18 (7-9')	SB-18 (20-22')	SB-18 (52-54')	SB-19 (2-3')	SB-19 (10-11')	SB-20 (2-3')	SB-20 (6-8')
			Sample Depth (ft bls):	2.5 - 3.5	6 - 8	2 - 3	5 - 7	2 - 3	5 - 7	2 - 3	7 - 9	20 - 22	52 - 54	2 - 3	10 - 11	2 - 3	6 - 8
			Sample Date:	11/02/11	11/02/11	12/14/11	12/14/11	12/09/11	12/12/11	02/22/12	02/22/12	02/22/12	02/22/12	12/15/11	12/15/11	03/01/12	03/01/12
Total Cyanide	27	40		<0.54	<0.58	<0.56	<0.56	**0.13 J**	<0.56	<0.53	<0.69	<0.57	<0.59	<0.55	<0.62	<0.54	<0.61
Free Cyanide	-	-		<2.4	<2.6	<1.2 BJ	<1.2 BJ	<1.2 J	<1.2 J	<0.44 J	<0.58 J	<0.47 J	<0.49 J	<1.2 J	**0.7 J**	<0.45 J	<0.52 J

1	Table 375-6.8(b): Restricted Use Soil Cleanup Objectives.
NYSDEC	New York State Department of Environmental Conservation.
SCO	Soil Cleanup Objective.
mg/kg	Milligrams per kilogram.
B	Non-detect at the listed value due to associated blank contamination.
J	Estimated value.
ft bls	Feet below land surface.
-	Not available.
Bold	Indicates detection above laboratory Method Detection Limit.

Table 9. Concentrations of Total Cyanide and Free Cyanide in Soil Samples Collected from Soil Borings and Compared to Restricted Use SCOs, Former Dangman Park MGP Site, Brooklyn, New York.

Analyte (Units in mg/kg)	NYSDEC Subpart 375-6 Protection of Public Health Commercial Use SCO [1] (mg/kg)	NYSDEC Subpart 375-6 Protection of Groundwater SCO [1] (mg/kg)	Sample ID: / Sample Depth (ft bls): / Sample Date:	DUP030112 6 - 8 03/01/12 SB-20 (6-8') Duplicate	SB-21 (2-3') 2 - 3 12/16/11	SB-21 (12-13') 12 - 13 12/16/11	SB-22 (2-3') 2 - 3 12/19/11	SB-22 (5-7') 5 - 7 01/19/12	SB-22 (33-34') 33 - 34 01/19/12	SB-22 (58-60') 58 - 60 01/19/12	SB-23 (5-7') 5 - 7 02/28/12	SB-24 (5-7') 5 - 7 02/29/12	MW-13 (77-79') 77 - 79 02/23/12	MW-13 (90-92') 90 - 92 02/24/12	MW-14 (82-84') 82 - 84 02/13/12	MW-14 (108-110') 108 - 110 02/14/12	MW-17 (7-9') 7 - 9 02/15/12
Total Cyanide	27	40		<0.59	<0.55	<0.56	<0.52	<0.58	<0.62	<0.6	<0.64	<0.61	<0.6	<0.6	<0.67	<0.58	**0.51 J**
Free Cyanide	-	-		<0.49 J	**0.2 J**	**0.16 J**	<1.1 J	<0.48	<0.53	<0.51	<0.56 J	<0.52 J	<0.49 J	<0.51 J	<0.57	<0.5	<0.49

1	Table 375-6.8(b): Restricted Use Soil Cleanup Objectives.
NYSDEC	New York State Department of Environmental Conservation.
SCO	Soil Cleanup Objective.
mg/kg	Milligrams per kilogram.
B	Non-detect at the listed value due to associated blank contamination.
J	Estimated value.
ft bls	Feet below land surface.
-	Not available.
Bold	Indicates detection above laboratory Method Detection Limit.

Table 9. Concentrations of Total Cyanide and Free Cyanide in Soil Samples Collected from Soil Borings and Compared to Restricted Use SCOs, Former Dangman Park MGP Site, Brooklyn, New York.

Analyte (Units in mg/kg)	NYSDEC Subpart 375-6 Protection of Public Health Commercial Use SCO [1] (mg/kg)	NYSDEC Subpart 375-6 Protection of Groundwater SCO [1] (mg/kg)	Sample ID:	MW-17 (25-27')	MW-17 (103-105')	MW-17 (113-115')	MW-18 (82-84')	MW-18 (97-99')	MW-19 (2-3')	MW-19 (5-7')	MW-19 (67-69')	MW-19 (77-79')	MW-20 (80-82')	MW-20 (85-86')	DUP112113	MW-20 (90-92')
			Sample Depth (ft bls):	25 - 27	103 - 105	113 - 115	82 - 84	97 - 99	2 - 3	5 - 7	67 - 69	77 - 79	80 - 82	85 - 86	85 - 86	90 - 92
			Sample Date:	02/15/12	02/16/12	02/16/12	02/15/12	02/15/12	02/20/12	02/20/12	02/20/12	02/21/12	11/21/13	11/21/13	11/21/13	11/21/13
															MW-20 (85-86') Duplicate	
Total Cyanide	27	40		<0.61	<0.59	<0.58	<0.6	<0.66	<0.56	<0.58	<0.66	<0.64	<0.66	<0.66	<0.66	<0.65
Free Cyanide	-	-		**0.14 J**	<0.5	<0.5	**0.14 J**	**0.96**	<0.48 J	<0.49 J	<0.54 J	<0.53 J	<2.7	<2.7	<2.7	<12.5 B

1	Table 375-6.8(b): Restricted Use Soil Cleanup Objectives.
NYSDEC	New York State Department of Environmental Conservation.
SCO	Soil Cleanup Objective.
mg/kg	Milligrams per kilogram.
B	Non-detect at the listed value due to associated blank contamination.
J	Estimated value.
ft bls	Feet below land surface.
-	Not available.
Bold	Indicates detection above laboratory Method Detection Limit.

Table 10. Concentrations of Total Cyanide and Free Cyanide in Soil Samples Collected from Soil Borings and Compared to Unrestricted Use SCOs, Former Dangman Park MGP Site, Brooklyn, New York.

Analyte (Units in mg/kg)	NYSDEC Subpart 375-6 Unrestricted Use SCO [1] (mg/kg)	Sample ID:	SB-4 (98-100')	SB-5 (78-80')	SB-6 (2-3')	SB-6 (6-8')	SB-6 (43-45')	SB-6 (58-60')	SB-7 (2-3')	SB-7 (6-8')	SB-8 (2-3')	SB-8 (6-8')	SB-9 (2-3')	SB-9 (6-8')	SB-9 (72-73.5')	SB-9 (95.5-97.5')	SB-10 (2-3')
		Sample Depth (ft bls):	98 - 100	78 - 80	2 - 3	6 - 8	43 - 45	58 - 60	2 - 3	6 - 8	2 - 3	6 - 8	2 - 3	6 - 8	72 - 73.5	95.5 - 97.5	2 - 3
		Sample Date:	10/15/11	10/13/11	10/17/11	10/17/11	10/17/11	10/17/11	10/18/11	10/18/11	12/08/11	12/09/11	12/07/11	12/07/11	12/08/11	12/08/11	12/12/11
Total Cyanide	27		<0.59	<0.65 J	**10.8**	<0.58	<0.61	<0.6	<0.57	<0.54	<0.57	<0.58	<0.62	<0.63 BJ	**0.086 J**	<0.64	**0.41 J**
Free Cyanide	-		<2.6 B	<3 B	<2.3 B	<2.6 B	<2.8 B	<2.6 B	<2.5 B	<2.4 B	<1.2 J	<1.2 J	<1.3 BJ	<1.3 BJ	<1.4 J	<1.4 J	<1.2 J

1	Table 375-6.8(a): Unrestricted Use Soil Cleanup Objectives.
NYSDEC	New York State Department of Environmental Conservation.
SCO	Soil Cleanup Objective.
mg/kg	Milligrams per kilogram.
B	Non-detect at the listed value due to associated blank contamination.
J	Estimated value.
ft bls	Feet below land surface.
-	Not available.
Bold	Indicates detection above laboratory Method Detection Limit.

Table 10. Concentrations of Total Cyanide and Free Cyanide in Soil Samples Collected from Soil Borings and Compared to Unrestricted Use SCOs, Former Dangman Park MGP Site, Brooklyn, New York.

Analyte (Units in mg/kg)	NYSDEC Subpart 375-6 Unrestricted Use SCO [1] (mg/kg)	Sample ID:	SB-10 (6-8')	DUP121311	SB-11 (2-3')	SB-11 (6-8')	SB-11 (40.5-42.5')	SB-11 (67-69')	SB-12 (2-3')	SB-12 (6-8')	SB-13 (2-3')	Dup103111	SB-13 (6-8')	SB-13 (50-52')	SB-13 (60-62')	SB-14 (2.5-3.5')	SB-14 (6-8')
		Sample Depth (ft bls):	6 - 8	6 - 8	2 - 3	6 - 8	40.5 - 42.5	67 - 69	2 - 3	6 - 8	2 - 3	2 - 3	6 - 8	50 - 52	60 - 62	2.5 - 3.5	6 - 8
		Sample Date:	12/13/11	12/13/11	12/06/11	12/06/11	12/06/11	12/07/11	12/13/11	12/13/11	10/31/11	10/31/11	10/31/11	11/01/11	11/2/11	11/02/11	11/02/11
				SB-10 (6-8') Duplicate								SB-13 (2-3') Duplicate					
Total Cyanide	27		<0.78	<0.78	<0.64	<0.57	<0.62	<0.59	**0.73**	<0.66	<0.56	<0.56	<0.55	<0.63	<0.6	<0.54	<0.58
Free Cyanide	-		**0.37 J**	**0.3 J**	<1.3 BJ	<1.2 BJ	<1.3 BJ	<1.4 BJ	<1.2 J	<1.4 J	<2.5	<2.5	<2.5 B	<2.8	<2.6	<2.4	<2.6

1	Table 375-6.8(a): Unrestricted Use Soil Cleanup Objectives.
NYSDEC	New York State Department of Environmental Conservation.
SCO	Soil Cleanup Objective.
mg/kg	Milligrams per kilogram.
B	Non-detect at the listed value due to associated blank contamination.
J	Estimated value.
ft bls	Feet below land surface.
-	Not available.
Bold	Indicates detection above laboratory Method Detection Limit.

Table 10. Concentrations of Total Cyanide and Free Cyanide in Soil Samples Collected from Soil Borings and Compared to Unrestricted Use SCOs, Former Dangman Park MGP Site, Brooklyn, New York.

Analyte (Units in mg/kg)	NYSDEC Subpart 375-6 Unrestricted Use SCO [1] (mg/kg)	Sample ID:	SB-16 (2-3')	SB-16 (5-7')	SB-17 (2-3')	SB-17 (5-7')	SB-18 (2-3')	SB-18 (7-9')	SB-18 (20-22')	SB-18 (52-54')	SB-19 (2-3')	SB-19 (10-11')	SB-20 (2-3')	SB-20 (6-8')	DUP030112	SB-21 (2-3')	SB-21 (12-13')
		Sample Depth (ft bls):	2 - 3	5 - 7	2 - 3	5 - 7	2 - 3	7 - 9	20 - 22	52 - 54	2 - 3	10 - 11	2 - 3	6 - 8	6 - 8	2 - 3	12 - 13
		Sample Date:	12/14/11	12/14/11	12/09/11	12/12/11	02/22/12	02/22/12	02/22/12	02/22/12	12/15/11	12/15/11	03/01/12	03/01/12	03/01/12 SB-20 (6-8') Duplicate	12/16/11	12/16/11
Total Cyanide	27		<0.56	<0.56	**0.13 J**	<0.56	<0.53	<0.69	<0.57	<0.59	<0.55	<0.62	<0.54	<0.61	<0.59	<0.55	<0.56
Free Cyanide	-		<1.2 BJ	<1.2 BJ	<1.2 J	<1.2 J	<0.44 J	<0.58 J	<0.47 J	<0.49 J	<1.2 J	**0.7 J**	<0.45 J	<0.52 J	<0.49 J	**0.2 J**	**0.16 J**

1	Table 375-6.8(a): Unrestricted Use Soil Cleanup Objectives.
NYSDEC	New York State Department of Environmental Conservation.
SCO	Soil Cleanup Objective.
mg/kg	Milligrams per kilogram.
B	Non-detect at the listed value due to associated blank contamination.
J	Estimated value.
ft bls	Feet below land surface.
-	Not available.
Bold	Indicates detection above laboratory Method Detection Limit.

Table 10. Concentrations of Total Cyanide and Free Cyanide in Soil Samples Collected from Soil Borings and Compared to Unrestricted Use SCOs, Former Dangman Park MGP Site, Brooklyn, New York.

Analyte (Units in mg/kg)	NYSDEC Subpart 375-6 Unrestricted Use SCO [1] (mg/kg)	Sample ID:	SB-22 (2-3')	SB-22 (5-7')	SB-22 (33-34')	SB-22 (58-60')	SB-23 (5-7')	SB-24 (5-7')	MW-13 (77-79')	MW-13 (90-92')	MW-14 (82-84')	MW-14 (108-110')	MW-17 (7-9')	MW-17 (25-27')	MW-17 (103-105')	MW-17 (113-115')	MW-18 (82-84')
		Sample Depth (ft bls):	2 - 3	5 - 7	33 - 34	58 - 60	5 - 7	5 - 7	77 - 79	90 - 92	82 - 84	108 - 110	7 - 9	25 - 27	103 - 105	113 - 115	82 - 84
		Sample Date:	12/19/11	01/19/12	01/19/12	01/19/12	02/28/12	02/29/12	02/23/12	02/24/12	02/13/12	02/14/12	02/15/12	02/15/12	02/16/12	02/16/12	02/15/12
Total Cyanide	27		<0.52	<0.58	<0.62	<0.6	<0.64	<0.61	<0.6	<0.6	<0.67	<0.58	**0.51 J**	<0.61	<0.59	<0.58	<0.6
Free Cyanide	-		<1.1 J	<0.48	<0.53	<0.51	<0.56 J	<0.52 J	<0.49 J	<0.51 J	<0.57	<0.5	<0.49	**0.14 J**	<0.5	<0.5	**0.14 J**

1	Table 375-6.8(a): Unrestricted Use Soil Cleanup Objectives.
NYSDEC	New York State Department of Environmental Conservation.
SCO	Soil Cleanup Objective.
mg/kg	Milligrams per kilogram.
B	Non-detect at the listed value due to associated blank contamination.
J	Estimated value.
ft bls	Feet below land surface.
-	Not available.
Bold	Indicates detection above laboratory Method Detection Limit.

Table 10. Concentrations of Total Cyanide and Free Cyanide in Soil Samples Collected from Soil Borings and Compared to Unrestricted Use SCOs, Former Dangman Park MGP Site, Brooklyn, New York.

Analyte (Units in mg/kg)	NYSDEC Subpart 375-6 Unrestricted Use SCO [1] (mg/kg)	Sample ID:	MW-18 (97-99')	MW-19 (2-3')	MW-19 (5-7')	MW-19 (67-69')	MW-19 (77-79')	MW-20 (80-82')	MW-20 (85-86')	DUP112113 MW-20 (85-86') Duplicate	MW-20 (90-92')
		Sample Depth (ft bls):	97 - 99	2 - 3	5 - 7	67 - 69	77 - 79	80 - 82	85 - 86	85 - 86	90 - 92
		Sample Date:	02/15/12	02/20/12	02/20/12	02/20/12	02/21/12	11/21/13	11/21/13	11/21/13	11/21/13
Total Cyanide	27		<0.66	<0.56	<0.58	<0.66	<0.64	<0.66	<0.66	<0.66	<0.65
Free Cyanide	-		**0.96**	<0.48 J	<0.49 J	<0.54 J	<0.53 J	<2.7	<2.7	<2.7	<12.5 B

1	Table 375-6.8(a): Unrestricted Use Soil Cleanup Objectives.
NYSDEC	New York State Department of Environmental Conservation.
SCO	Soil Cleanup Objective.
mg/kg	Milligrams per kilogram.
B	Non-detect at the listed value due to associated blank contamination.
J	Estimated value.
ft bls	Feet below land surface.
-	Not available.
Bold	Indicates detection above laboratory Method Detection Limit.

Table 11. Concentrations of Metals in Soil Samples Collected from Soil Borings and Compared to Restricted Use SCOs, Former Dangman Park MGP Site, Brooklyn, New York.

Analyte (Units in mg/kg)	NYSDEC Subpart 375-6 Protection of Public Health Commercial Use SCO [1] (mg/kg)	NYSDEC Subpart 375-6 Protection of Groundwater SCO [1] (mg/kg)	Sample ID: / Sample Depth (ft bls): / Sample Date:	SB-4 (98-100') 98 - 100 10/15/11	SB-5 (78-80') 78 - 80 10/13/11	SB-6 (2-3') 2 - 3 10/17/11	SB-6 (6-8') 6 - 8 10/17/11	SB-6 (43-45') 43 - 45 10/17/11	SB-6 (58-60') 58 - 60 10/17/11	SB-7 (2-3') 2 - 3 10/18/11	SB-7 (6-8') 6 - 8 10/18/11	SB-8 (2-3') 2 - 3 12/08/11	SB-8 (6-8') 6 - 8 12/09/11
Aluminum	-	-		**3,590**	**2,940**	**3,690**	**6,780**	**1,680**	**2,750**	**10,800**	**5,270**	**7,030**	**4,600**
Antimony	-	-		<2.20	<2.60	<1.90	<2.20	<2.40	<2.30	<2.20	<2.10	<2.10	<2.10
Arsenic	16	16		**1.50**	**1.50**	**4.90**	**2.60**	<1.20	**1.10 J**	**3.10**	**2.00**	**4.50**	**1.90**
Barium	400	820		**19.2 J**	**29.9 J**	**9.60 J**	**9.10 J**	**7.70 J**	**23.9 J**	**27.4 J**	**17.3 J**	**1,590**	**19.8 J**
Beryllium	590	47		**0.250 J**	**0.230 J**	**0.190 J**	**0.380 J**	<0.480	**0.240 J**	**0.420 J**	**0.300 J**	**0.250 J**	**0.210 J**
Cadmium	9.3	7.5		<1.10	<1.30	<0.970	<1.10	<1.20	<1.20	<1.10	<1.00	**2.30**	<1.10
Calcium	-	-		**1,120**	**419 J**	**317 J**	**332 J**	**580 J**	**401 J**	**786 J**	**396 J**	**27,900**	**384 J**
Chromium	1,500	-		**8.90**	**7.50**	**17.4**	**16.1**	**4.90 J**	**11.4**	**16.4**	**10.3 J**	**12.9**	**8.70**
Cobalt	-	-		**4.40 J**	**4.20 J**	**3.10 J**	**13.8**	**3.10 J**	**7.80 J**	**5.10 J**	**4.70 J**	**8.70 J**	**4.90 J**
Copper	270	1,720		**7.50**	**7.30**	**150**	**16.7**	**4.50 J**	**7.10**	**5.60**	**8.60**	**78.9**	**8.60**
Iron	-	-		**10,500**	**9,260**	**13,000**	**9,140**	**4,780**	**7,910**	**13,700**	**9,080**	**17,800**	**9,030**
Lead	1,000	450		**2.90**	**2.80**	**21.0**	**4.30**	**1.70**	**3.00**	**72.7**	**3.60**	**1,160**	**3.10**
Magnesium	-	-		**2,140**	**1,410**	**827 J**	**3,700**	**1,140 J**	**1,620**	**1,610**	**1,960**	**4,180**	**3,110**
Manganese	10,000	2,000		**302**	**145**	**45.4**	**61.6**	**568**	**210**	**174**	**92.8**	**222**	**239**
Nickel	310	130		**8.60 J**	**7.80 J**	**19.0**	**71.1**	**41.7**	**24.5**	**17.6**	**30.6**	**23.8**	**40.2**
Potassium	-	-		**553 J**	**454 J**	**195 J**	**422 J**	**314 J**	**498 J**	**350 J**	**330 J**	**1,010 J**	**389 J**
Selenium	1,500	4		<2.20	<2.60	<1.90	<2.20	<2.40	<2.30	<2.20	<2.10	<2.10	<2.10
Silver	1,500	8.3		<2.20 B	<2.60	<1.90 B	<2.20	<2.40	<2.30	<2.20	<2.10	<2.10	<2.10
Sodium	-	-		**1,620**	**1,180 J**	<967	<1,090	<1,190 B	**625 J**	<1,100 B	<1,050	**472 J**	<1,060
Thallium	-	-		<2.20	<2.60	<1.90	<2.20	<2.40	<2.30	<2.20	<2.10	<2.10	<2.10
Vanadium	-	-		**14.7**	**13.0**	**26.9**	**17.1**	**5.00 J**	**10.5 J**	**21.1**	**14.8**	**35.8**	**11.8**
Zinc	10,000	2,480		**15.6**	**14.1**	**31.7**	**105**	**9.60**	**13.2**	**20.1**	**16.4**	**1,280**	**20.7**
Mercury	2.8	0.73		<0.0380	<0.0380	**0.0620**	<0.0380	<0.0390	<0.0360	<0.0360	<0.0320	**0.280**	<0.0370

1	Table 375-6.8(b): Restricted Use Soil Cleanup Objectives.
NYSDEC	New York State Department of Environmental Conservation.
SCO	Soil Cleanup Objective.
mg/kg	Milligrams per kilogram.
B	Non-detect at the listed value due to associated blank contamination.
J	Estimated value.
ft bls	Feet below land surface.
-	Not available.
Bold	Indicates detection above laboratory Method Detection Limit.
	Analyte concentration exceeds Protection of Public Health Commercial Use SCO.
	Analyte concentration exceeds Protection of Groundwater SCO.
	Analyte concentration exceeds Protection of Groundwater SCO and Protection of Public Health Commerical Use SCO.

Table 11. Concentrations of Metals in Soil Samples Collected from Soil Borings and Compared to Restricted Use SCOs, Former Dangman Park MGP Site, Brooklyn, New York.

Analyte (Units in mg/kg)	NYSDEC Subpart 375-6 Protection of Public Health Commercial Use SCO [1] (mg/kg)	NYSDEC Subpart 375-6 Protection of Groundwater SCO [1] (mg/kg)	Sample ID: / Sample Depth (ft bls): / Sample Date:	SB-9 (2-3') 2 - 3 12/07/11	SB-9 (6-8') 6 - 8 12/07/11	SB-9 (72-73.5') 72 - 73.5 12/08/11	SB-9 (95.5-97.5') 95.5 - 97.5 12/08/11	SB-10 (2-3') 2 - 3 12/12/11	SB-10 (6-8') 6 - 8 12/13/11	DUP121311 6 - 8 12/13/11 SB-10 (6-8') Duplicate	SB-11 (2-3') 2 - 3 12/06/11	SB-11 (6-8') 6 - 8 12/06/11	SB-11 (40.5-42.5') 40.5 - 42.5 12/06/11
Aluminum	-	-		**4,240**	**3,770**	**3,810**	**3,990**	**5,610**	**3,800**	**6,250**	**5,380**	**4,530**	**2,750**
Antimony	-	-		<2.30	<2.50	<2.60	<2.40	<2.10 J	<2.90 J	<2.90 J	<2.40	<2.10	<2.30
Arsenic	16	16		**5.20**	<1.20	**2.80**	<1.20	**4.10**	**3.20**	**5.20**	**4.20**	**1.70**	<1.10
Barium	400	820		**985**	**14.2 J**	**49.5 J**	**30.0 J**	**204 J**	**65.6 J**	**81.2 J**	**781**	**18.2 J**	**15.8 J**
Beryllium	590	47		**0.210 J**	**0.220 J**	**0.230 J**	**0.220 J**	**0.230 J**	<0.580	**0.210 J**	**0.260 J**	**0.280 J**	**0.170 J**
Cadmium	9.3	7.5		**1.40**	<1.20	<1.30	<1.20	**0.430 J**	**0.300 J**	<1.50	**0.890 J**	<1.00	<1.10
Calcium	-	-		**30,000**	**464 J**	**825 J**	**634 J**	**30,700**	**120,000**	**69,100**	**23,500**	**543 J**	**767 J**
Chromium	1,500	-		**13.5**	**9.20**	**8.30**	**8.00**	**14.9**	**21.2**	**11.9**	**14.6**	**10.6**	**5.90**
Cobalt	-	-		**4.10 J**	**5.50 J**	**5.10 J**	**5.00 J**	**6.80 J**	**2.10 J**	**3.30 J**	**5.00 J**	**3.30 J**	**4.00 J**
Copper	270	1,720		**44.1**	**8.90**	**7.70**	**8.80**	**38.3 J**	**14.9 J**	**25.3 J**	**51.4**	**8.20**	**6.70**
Iron	-	-		**11,900**	**6,730**	**12,100**	**9,100**	**12,600**	**6,010**	**8,210**	**11,200**	**9,700**	**6,140**
Lead	1,000	450		**1,130**	**2.90**	**2.70**	**2.90**	**234**	**70.1**	**148**	**1,070**	**5.20**	**2.80**
Magnesium	-	-		**2,340**	**1,530**	**1,650**	**1,970**	**2,800**	**5,430**	**4,080**	**2,720**	**1,690**	**1,730**
Manganese	10,000	2,000		**182**	**59.1**	**81.1**	**118**	**200 J**	**164 J**	**227 J**	**178**	**118**	**322**
Nickel	310	130		**16.4**	**39.9**	**8.30 J**	**9.70**	**31.5**	**9.80 J**	**16.3**	**23.0**	**32.7**	**20.7**
Potassium	-	-		**704 J**	**385 J**	**635 J**	**723 J**	**900 J**	**484 J**	**892 J**	**656 J**	**463 J**	**707 J**
Selenium	1,500	4		<2.30	<2.50	<2.60	<2.40	<2.10	<2.90	<2.90	<2.40	<2.10	<2.30
Silver	1,500	8.3		<2.30	<2.50	<2.60	<2.40	**0.270 J**	<2.90	**6.70**	<2.40	<2.10	<2.30
Sodium	-	-		**368 J**	<1,230	**866 J**	**1,120 J**	**360 J**	**295 J**	**311 J**	**307 J**	<1,050	**229 J**
Thallium	-	-		<2.30	<2.50	<2.60	<2.40	<2.10	<2.90	<2.90	<2.40	<2.10	<2.30
Vanadium	-	-		**14.9**	**11.0 J**	**15.6**	**11.2 J**	**21.1**	**12.1 J**	**15.9**	**20.5**	**12.0**	**6.90 J**
Zinc	10,000	2,480		**1,100**	**18.3**	**16.8**	**17.5**	**280**	**179**	**266**	**720**	**57.6**	**14.6**
Mercury	2.8	0.73		**1.10**	<0.0410	<0.0420	<0.0370	**0.130**	<0.0490	**0.100**	**0.430**	<0.0360	<0.0400

1	Table 375-6.8(b): Restricted Use Soil Cleanup Objectives.
NYSDEC	New York State Department of Environmental Conservation.
SCO	Soil Cleanup Objective.
mg/kg	Milligrams per kilogram.
B	Non-detect at the listed value due to associated blank contamination.
J	Estimated value.
ft bls	Feet below land surface.
-	Not available.
Bold	Indicates detection above laboratory Method Detection Limit.
	Analyte concentration exceeds Protection of Public Health Commercial Use SCO.
	Analyte concentration exceeds Protection of Groundwater SCO.
	Analyte concentration exceeds Protection of Groundwater SCO and Protection of Public Health Commerical Use SCO.

Table 11. Concentrations of Metals in Soil Samples Collected from Soil Borings and Compared to Restricted Use SCOs, Former Dangman Park MGP Site, Brooklyn, New York.

Analyte (Units in mg/kg)	NYSDEC Subpart 375-6 Protection of Public Health Commercial Use SCO [1] (mg/kg)	NYSDEC Subpart 375-6 Protection of Groundwater SCO [1] (mg/kg)	Sample ID:	SB-11 (67-69')	SB-12 (2-3')	SB-12 (6-8')	SB-13 (2-3')	Dup103111 SB-13 (2-3') Duplicate	SB-13 (6-8')	SB-13 (50-52')	SB-13 (60-62')	SB-14 (2.5-3.5')	SB-14 (6-8')
			Sample Depth (ft bls):	67 - 69	2 - 3	6 - 8	2 - 3	2 - 3	6 - 8	50 - 52	60 - 62	2.5 - 3.5	6 - 8
			Sample Date:	12/07/11	12/13/11	12/13/11	10/31/11	10/31/11	10/31/11	11/01/11	11/2/11	11/02/11	11/02/11
Aluminum	-	-		**2,350**	**5,690**	**5,840**	**4,430**	**4,240**	**6,810**	**2,090**	**2,380**	**6,670**	**4,580**
Antimony	-	-		<2.20	**4.60 J**	<2.30 J	**2.10 J**	**1.20 J**	<2.10 J	<2.30 J	<2.40 J	<2.00 J	<2.20 J
Arsenic	16	16		<1.10	**5.70**	**2.30**	**7.10**	**5.50**	**1.80**	<1.10	<1.20	**1.70**	**1.60**
Barium	400	820		**24.3 J**	**80.4 J**	**20.9 J**	**606**	**682**	**29.1 J**	**23.2 J**	**15.7 J**	**22.6 J**	**11.0 J**
Beryllium	590	47		<0.440	**0.180 J**	**0.190 J**	**0.320 J**	**0.320 J**	**0.540**	**0.210 J**	**0.210 J**	**0.380 J**	**0.270 J**
Cadmium	9.3	7.5		<1.10	**0.970 J**	<1.20	**0.600 J**	**0.760 J**	<1.10	<1.10	<1.20	<1.00	<1.10
Calcium	-	-		**433 J**	**15,100**	**375 J**	**11,100 J**	**9,460 J**	**1,050 J**	**716 J**	**487 J**	**4,810 J**	**394 J**
Chromium	1,500	-		**6.70**	**56.5**	**11.6**	**15.7**	**17.3**	**25.0**	**13.6**	**6.60**	**25.0**	**12.7**
Cobalt	-	-		**2.80 J**	**6.10 J**	**6.00 J**	**4.90 J**	**4.20 J**	**10.2 J**	**7.10 J**	**3.10 J**	**6.90 J**	**4.50 J**
Copper	270	1,720		**4.50 J**	**92.3 J**	**9.20 J**	**60.2**	**78.0**	**18.3**	**7.40**	**6.70**	**12.5**	**8.40**
Iron	-	-		**7,280**	**15,000**	**10,500**	**14,800**	**12,100**	**17,900**	**9,410**	**7,400**	**11,400**	**10,600**
Lead	1,000	450		**1.90**	**468**	**3.90**	**893**	**1,210**	**6.70**	**5.30**	**2.10**	**13.4**	**4.30**
Magnesium	-	-		**1,070 J**	**3,480**	**1,990**	**1,690 J**	**1,850 J**	**2,680 J**	**1,090 J**	**1,390 J**	**2,340 J**	**1,710 J**
Manganese	10,000	2,000		**55.1**	**229 J**	**238 J**	**188 J**	**110 J**	**262 J**	**112 J**	**74.8 J**	**231 J**	**128 J**
Nickel	310	130		**5.50 J**	**19.3**	**39.3**	**18.9**	**19.4**	**61.8**	**15.5**	**10.6**	**55.9**	**34.4**
Potassium	-	-		**442 J**	**732 J**	**513 J**	**408 J**	**420 J**	**456 J**	**280 J**	**414 J**	**428 J**	**422 J**
Selenium	1,500	4		<2.20	<2.10	<2.30	**1.10 J**	**1.20 J**	<2.10	<2.30	<2.40	<2.00	<2.20
Silver	1,500	8.3		<2.20	<2.10	<2.30	**0.300 J**	**0.400 J**	<2.10	<2.30	<2.40	<2.00	<2.20
Sodium	-	-		**279 J**	**458 J**	<1,160	**99.7 J**	**124 J**	<1,070	**296 J**	**653 J**	<1,010	<1,120
Thallium	-	-		<2.20	<2.10	<2.30	<2.00 B	<2.00	<2.10	<2.30	<2.40	<2.00	<2.20
Vanadium	-	-		**8.00 J**	**35.8**	**13.5**	**23.4**	**22.0**	**28.6**	**13.7**	**8.50 J**	**15.5**	**13.0**
Zinc	10,000	2,480		**11.2**	**153**	**18.6**	**649**	**689**	**30.0**	**17.1**	**11.5**	**21.4**	**101**
Mercury	2.8	0.73		<0.0370	**0.00130**	**0.110**	**1.40**	**1.10**	<0.0330	<0.0360	<0.0390	<0.0350	<0.0380

1	Table 375-6.8(b): Restricted Use Soil Cleanup Objectives.
NYSDEC	New York State Department of Environmental Conservation.
SCO	Soil Cleanup Objective.
mg/kg	Milligrams per kilogram.
B	Non-detect at the listed value due to associated blank contamination.
J	Estimated value.
ft bls	Feet below land surface.
-	Not available.
Bold	Indicates detection above laboratory Method Detection Limit.
	Analyte concentration exceeds Protection of Public Health Commercial Use SCO.
	Analyte concentration exceeds Protection of Groundwater SCO.
	Analyte concentration exceeds Protection of Groundwater SCO and Protection of Public Health Commerical Use SCO.

Table 11. Concentrations of Metals in Soil Samples Collected from Soil Borings and Compared to Restricted Use SCOs, Former Dangman Park MGP Site, Brooklyn, New York.

Analyte (Units in mg/kg)	NYSDEC Subpart 375-6 Protection of Public Health Commercial Use SCO [1] (mg/kg)	NYSDEC Subpart 375-6 Protection of Groundwater SCO [1] (mg/kg)	Sample ID:	SB-16 (2-3')	SB-16 (5-7')	SB-17 (2-3')	SB-17 (5-7')	SB-18 (2-3')	SB-18 (7-9')	SB-18 (20-22')	SB-18 (52-54')	SB-19 (2-3')	SB-19 (10-11')
			Sample Depth (ft bls):	2 - 3	5 - 7	2 - 3	5 - 7	2 - 3	7 - 9	20 - 22	52 - 54	2 - 3	10 - 11
			Sample Date:	12/14/11	12/14/11	12/09/11	12/12/11	02/22/12	02/22/12	02/22/12	02/22/12	12/15/11	12/15/11
Aluminum	-	-		**9,230**	**3,780**	**6,500**	**11,400**	**494**	**2,820**	**2,410**	**1,720**	**3,280**	**2,530**
Antimony	-	-		<2.10 J	<2.10 J	**4.30**	<2.10 J	<2.10	<2.70	<2.10	<2.30	<2.00 J	<2.20 J
Arsenic	16	16		**8.00**	**2.10**	**5.10**	**4.20**	<1.00	<1.30	**2.00**	<1.20	**4.80**	**2.50**
Barium	400	820		**375 J**	**13.6 J**	**918**	**30.3 J**	**5.20 J**	**5.40 J**	**6.20 J**	**13.1 J**	**304 J**	**9.10 J**
Beryllium	590	47		**0.400 J**	**0.170 J**	**0.280 J**	**0.280 J**	<0.410	<0.540	<0.420	<0.460	<0.390	<0.440
Cadmium	9.3	7.5		**0.640 J**	<1.10	**0.840 J**	<1.10	<1.00	<1.30	<1.10	<1.20	**0.390 J**	<1.10
Calcium	-	-		**9,950**	**373 J**	**42,300**	**999 J**	**487 J**	**302 J**	**384 J**	**335 J**	**5,140**	**642 J**
Chromium	1,500	-		**17.5**	**8.90**	**14.4**	**19.2**	**1.80 J**	**11.6**	**9.40**	**7.70**	**11.7**	**10.6**
Cobalt	-	-		**6.10 J**	**4.30 J**	**6.00 J**	**7.50 J**	<10.3	**2.50 J**	**3.80 J**	**9.30 J**	**3.30 J**	**1.80 J**
Copper	270	1,720		**45.3 J**	**6.30 J**	**48.9**	**8.30 J**	<5.20	**3.70 J**	**7.00**	**5.30 J**	**32.3 J**	**3.50 J**
Iron	-	-		**14,700**	**6,990**	**12,600**	**15,900**	**969**	**9,570**	**7,730**	**7,250**	**8,170**	**6,930**
Lead	1,000	450		**1,270**	**2.70**	**1,030**	**7.20**	**6.70**	**4.70**	**3.10**	**2.30**	**1,400**	**5.40**
Magnesium	-	-		**3,750**	**1,810**	**2,840**	**2,120**	**211 J**	**1,500**	**1,110**	**985 J**	**1,360**	**995 J**
Manganese	10,000	2,000		**253 J**	**193 J**	**216**	**262 J**	**11.2**	**50.7**	**64.1**	**262**	**110 J**	**52.0 J**
Nickel	310	130		**29.2**	**33.5**	**21.6**	**30.0**	**1.70 J**	**16.9**	**20.4**	**15.4**	**14.9**	**10.2**
Potassium	-	-		**516 J**	**355 J**	**859 J**	**528 J**	<1,030	**297 J**	**296 J**	**251 J**	**355 J**	**342 J**
Selenium	1,500	4		<2.10	<2.10	<2.30	<2.10	<2.10	<2.70	<2.10	<2.30	<2.00	<2.20
Silver	1,500	8.3		<2.10	<2.10	<2.30	<2.10	<2.10	<2.70	<2.10	<2.30	<2.00	<2.20
Sodium	-	-		<1,070	<1,060	**383 J**	<1,070	<1,030	**344 J**	<1,060	<1,150	**342 J**	**864 J**
Thallium	-	-		<2.10	<2.10	<2.30	<2.10	<2.10	<2.70	<2.10	<2.30	<2.00	<2.20
Vanadium	-	-		**22.2**	**10.1 J**	**30.9**	**24.6**	**2.20 J**	**15.6**	**10.5 J**	**9.00 J**	**15.1**	**16.8**
Zinc	10,000	2,480		**571**	**12.9**	**628**	**21.8**	**6.10 J**	**13.4**	**12.8**	**9.50**	**322**	**11.4**
Mercury	2.8	0.73		**0.500**	<0.0330	**0.230**	<0.0350	<0.0310	<0.0390	<0.0330	<0.0370	**0.650**	<0.0350

1	Table 375-6.8(b): Restricted Use Soil Cleanup Objectives.
NYSDEC	New York State Department of Environmental Conservation.
SCO	Soil Cleanup Objective.
mg/kg	Milligrams per kilogram.
B	Non-detect at the listed value due to associated blank contamination.
J	Estimated value.
ft bls	Feet below land surface.
-	Not available.
Bold	Indicates detection above laboratory Method Detection Limit.
	Analyte concentration exceeds Protection of Public Health Commercial Use SCO.
	Analyte concentration exceeds Protection of Groundwater SCO.
	Analyte concentration exceeds Protection of Groundwater SCO and Protection of Public Health Commerical Use SCO.

Table 11. Concentrations of Metals in Soil Samples Collected from Soil Borings and Compared to Restricted Use SCOs, Former Dangman Park MGP Site, Brooklyn, New York.

Analyte (Units in mg/kg)	NYSDEC Subpart 375-6 Protection of Public Health Commercial Use SCO [1] (mg/kg)	NYSDEC Subpart 375-6 Protection of Groundwater SCO [1] (mg/kg)	Sample ID: / Sample Depth (ft bls): / Sample Date:	SB-20 (2-3') 2 - 3 03/01/12	SB-20 (6-8') 6 - 8 03/01/12	DUP030112 6 - 8 03/01/12 SB-20 (6-8') Duplicate	SB-21 (2-3') 2 - 3 12/16/11	SB-21 (12-13') 12 - 13 12/16/11	SB-22 (2-3') 2 - 3 12/19/11	SB-22 (5-7') 5 - 7 01/19/12	SB-22 (33-34') 33 - 34 01/19/12	SB-22 (58-60') 58 - 60 01/19/12	SB-23 (5-7') 5 - 7 02/28/12
Aluminum	-	-		**895**	**4,600**	**4,510**	**2,820**	**3,170**	**2,700**	**1,600**	**1,920**	**3,110**	**508**
Antimony	-	-		<2.10	<2.20	<2.30	<2.10 J	<2.10 J	<2.00 J	<2.20	<2.20	<2.30	<2.40
Arsenic	16	16		<1.10	**2.20**	**2.90**	**2.80**	**1.60**	**2.30**	**1.30**	**1.40**	**1.60**	<1.20
Barium	400	820		**19.1 J**	**12.7 J**	**12.6 J**	**165 J**	**5.80 J**	**37.9 J**	**10.8 J**	**5.00 J**	**30.6 J**	**5.90 J**
Beryllium	590	47		<0.420	**0.230 J**	**0.250 J**	<0.430	<0.420	<0.390	<0.450	<0.450	**0.200 J**	<0.470
Cadmium	9.3	7.5		<1.10	<1.10	<1.20	<1.10	<1.10	<0.980	<1.10	<1.10	<1.20	<1.20
Calcium	-	-		<1,050 B	<1,090 B	<1,160 B	**12,600**	**655 J**	**91,600**	**3,710**	**655 J**	**623 J**	**353 J**
Chromium	1,500	-		**3.20**	**10.2**	**12.0**	**7.10**	**9.70**	**9.70**	**7.50**	**6.60**	**10.0**	**2.60**
Cobalt	-	-		**1.10 J**	**6.40 J**	**5.80 J**	**2.60 J**	**2.30 J**	**2.40 J**	**1.40 J**	**3.60 J**	**5.30 J**	<11.8
Copper	270	1,720		**3.70 J**	**8.20**	**9.10**	**20.5 J**	**4.60 J**	**13.0 J**	**12.7**	**5.80**	**7.80**	<5.90
Iron	-	-		**2,690**	**9,940**	**11,800**	**5,900**	**7,080**	**6,540**	**4,430**	**5,920**	**12,300**	**1,220**
Lead	1,000	450		**67.8**	**4.20**	**4.20**	**127**	**2.60**	**69.1**	**12.8**	**2.40**	**3.20**	**3.20**
Magnesium	-	-		**292 J**	**2,100**	**1,940**	**1,910**	**1,450**	**44,100**	**1,510**	**1,490**	**1,520**	**212 J**
Manganese	10,000	2,000		**20.9**	**127**	**169**	**91.9 J**	**78.6 J**	**107 J**	**39.4**	**164**	**270**	**12.1**
Nickel	310	130		**3.60 J**	**30.8**	**32.0**	**11.0**	**17.4**	**10.2**	**9.60**	**40.3**	**10.3**	**1.00 J**
Potassium	-	-		**130 J**	**405 J**	**395 J**	**417 J**	**537 J**	**429 J**	**239 J**	**397 J**	**530 J**	<1,180
Selenium	1,500	4		<2.10	<2.20	<2.30	<2.10	<2.10	<2.00	<2.20	<2.20	<2.30	<2.40
Silver	1,500	8.3		<2.10	<2.20	<2.30	<2.10	<2.10	<2.00	<2.20	<2.20	<2.30	<2.40
Sodium	-	-		<1,050	<1,090	<1,160	<1,070	<1,060	<983 B	**199 J**	<1,120	**708 J**	<1,180
Thallium	-	-		<2.10	<2.20	<2.30	<2.10	<2.10	<2.00	<2.20	<2.20	<2.30	<2.40
Vanadium	-	-		**8.80 J**	**11.4**	**18.5**	**10.5 J**	**9.90 J**	**11.3**	**8.40 J**	**8.40 J**	**19.9**	**1.90 J**
Zinc	10,000	2,480		**26.4**	**104**	**78.9**	**141**	**13.1**	**43.2**	**40.1**	**12.1**	**13.3**	**19.6**
Mercury	2.8	0.73		**0.470**	<0.0360	<0.0360	**0.130**	<0.0340	**0.160**	<0.0350	<0.0400	<0.0390	**0.0340 J**

1	Table 375-6.8(b): Restricted Use Soil Cleanup Objectives.
NYSDEC	New York State Department of Environmental Conservation.
SCO	Soil Cleanup Objective.
mg/kg	Milligrams per kilogram.
B	Non-detect at the listed value due to associated blank contamination.
J	Estimated value.
ft bls	Feet below land surface.
-	Not available.
Bold	Indicates detection above laboratory Method Detection Limit.
	Analyte concentration exceeds Protection of Public Health Commercial Use SCO.
	Analyte concentration exceeds Protection of Groundwater SCO.
	Analyte concentration exceeds Protection of Groundwater SCO and Protection of Public Health Commerical Use SCO.

Table 11. Concentrations of Metals in Soil Samples Collected from Soil Borings and Compared to Restricted Use SCOs, Former Dangman Park MGP Site, Brooklyn, New York.

Analyte (Units in mg/kg)	NYSDEC Subpart 375-6 Protection of Public Health Commercial Use SCO [1] (mg/kg)	NYSDEC Subpart 375-6 Protection of Groundwater SCO [1] (mg/kg)	Sample ID: / Sample Depth (ft bls): / Sample Date:	SB-24 (5-7') 5 - 7 02/29/12	MW-13 (77-79') 77 - 79 02/23/12	MW-13 (90-92') 90 - 92 02/24/12	MW-14 (82-84') 82 - 84 02/13/12	MW-14 (108-110') 108 - 110 02/14/12	MW-17 (7-9') 7 - 9 02/15/12	MW-17 (25-27') 25 - 27 02/15/12	MW-17 (103-105') 103 - 105 02/16/12	MW-17 (113-115') 113 - 115 02/16/12	MW-18 (82-84') 82 - 84 02/15/12
Aluminum	-	-		**486**	**2,390**	**2,120**	**2,410**	**3,520**	**3,590**	**2,850**	**4,070**	**3,730**	**1,700**
Antimony	-	-		<2.20	<2.20	<2.30	<2.70	<2.00	<2.20	<2.40	<2.10	<2.10	<2.40
Arsenic	16	16		<1.10	**2.50**	**1.80**	**2.20**	**5.20**	**2.60**	**1.60**	**1.60**	**4.20**	**1.70**
Barium	400	820		**4.40 J**	**51.9**	**10.2 J**	**24.0 J**	**25.2 J**	**14.2 J**	**16.2 J**	**26.5 J**	**16.7 J**	**11.5 J**
Beryllium	590	47		<0.440	<0.440	<0.460	<0.530	**0.230 J**	**0.200 J**	**0.220 J**	**0.270 J**	**0.310 J**	<0.480
Cadmium	9.3	7.5		<1.10	<1.10	<1.20	<1.30	<1.00	<1.10	<1.20	<1.00	<1.10	<1.20
Calcium	-	-		**301 J**	**357 J**	**339 J**	**501 J**	**522 J**	**326 J**	<1,200 B	<1,040 B	<1,070 B	**511 J**
Chromium	1,500	-		**2.70**	**6.90**	**6.30**	**7.00**	**8.00**	**9.60**	**11.0**	**8.70**	**8.60**	**6.60**
Cobalt	-	-		<11.1	**3.60 J**	**3.60 J**	**4.00 J**	**5.40 J**	**4.10 J**	**4.40 J**	**4.70 J**	**4.80 J**	**2.50 J**
Copper	270	1,720		<5.50	**4.80 J**	**4.60 J**	**5.00 J**	**5.90**	**7.40**	**8.40**	**7.80**	**6.90**	**5.30 J**
Iron	-	-		**952**	**9,610**	**8,690**	**9,720**	**12,600**	**8,300**	**8,380**	**10,800**	**11,600**	**8,610**
Lead	1,000	450		**2.20**	**2.70**	**2.50**	**2.40**	**4.50**	**3.00**	**4.30**	**3.90**	**4.80**	**2.90**
Magnesium	-	-		**206 J**	**1,200**	**1,050 J**	**1,300 J**	**2,330**	**1,320**	<1,380 B	**2,120**	**2,240**	**895 J**
Manganese	10,000	2,000		**9.80**	**56.6**	**59.7**	**66.1**	**130**	**55.1**	**87.7**	**132**	**128**	**50.5**
Nickel	310	130		**0.990 J**	**6.60 J**	**6.20 J**	**6.40 J**	**12.9**	**31.4**	**30.0**	**10.7**	**12.7**	**5.00 J**
Potassium	-	-		<1,110	**331 J**	**311 J**	**398 J**	**489 J**	**261 J**	**458 J**	**636 J**	**482 J**	**245 J**
Selenium	1,500	4		<2.20	<2.20	<2.30	<2.70	<2.00	<2.20	<2.40	<2.10	<2.10	<2.40
Silver	1,500	8.3		<2.20	<2.20	<2.30	<2.70	<2.00	<2.20	<2.40	<2.10	<2.10	<2.40
Sodium	-	-		<1,110	**627 J**	<1,150	**1,670**	**1,350**	<1,120	<1,200	<1,360 B	<1,070 B	**844 J**
Thallium	-	-		<2.20	<2.20	<2.30	<2.70	<2.00	<2.20	<2.40	<2.10	<2.10	<2.40
Vanadium	-	-		**1.50 J**	**11.3**	**12.1**	**11.0 J**	**11.6**	**11.1 J**	**9.90 J**	**12.7**	**10.3 J**	**12.0**
Zinc	10,000	2,480		**18.3**	**11.7**	**10.6**	**11.5**	**22.1**	**15.1**	**15.0**	**17.3**	**20.1**	**9.40**
Mercury	2.8	0.73		**0.910**	<0.0390	<0.0340	<0.0400	<0.0380	<0.0370	<0.0400	<0.0360	<0.0390	<0.0370

1	Table 375-6.8(b): Restricted Use Soil Cleanup Objectives.
NYSDEC	New York State Department of Environmental Conservation.
SCO	Soil Cleanup Objective.
mg/kg	Milligrams per kilogram.
B	Non-detect at the listed value due to associated blank contamination.
J	Estimated value.
ft bls	Feet below land surface.
-	Not available.
Bold	Indicates detection above laboratory Method Detection Limit.
	Analyte concentration exceeds Protection of Public Health Commercial Use SCO.
	Analyte concentration exceeds Protection of Groundwater SCO.
	Analyte concentration exceeds Protection of Groundwater SCO and Protection of Public Health Commerical Use SCO.

Table 11. Concentrations of Metals in Soil Samples Collected from Soil Borings and Compared to Restricted Use SCOs, Former Dangman Park MGP Site, Brooklyn, New York.

Analyte (Units in mg/kg)	NYSDEC Subpart 375-6 Protection of Public Health Commercial Use SCO [1] (mg/kg)	NYSDEC Subpart 375-6 Protection of Groundwater SCO [1] (mg/kg)	Sample ID: / Sample Depth (ft bls): / Sample Date:	MW-18 (97-99') 97 - 99 02/15/12	MW-19 (2-3') 2 - 3 02/20/12	MW-19 (5-7') 5 - 7 02/20/12	MW-19 (67-69') 67 - 69 02/20/12	MW-19 (77-79') 77 - 79 02/21/12	MW-20 (80-82') 80 - 82 11/21/13	MW-20 (85-86') 85 - 86 11/21/13	DUP112113 85 - 86 11/21/13 MW-20 (85-86') Duplicate	MW-20 (90-92') 90 - 92 11/21/13
Aluminum	-	-		**3,350**	**3,430**	**5,590**	**2,330**	**2,450**	**3,230**	**2,780**	**2,870**	**3,020**
Antimony	-	-		<2.50	**2.20**	<2.10	<2.30	<2.60	<4.40 J	<3.90 J	<4.00 J	<4.10 J
Arsenic	16	16		**2.30**	**4.80**	**2.70**	**1.70**	**2.10**	**1.40 J**	**1.80 J**	**1.70 J**	**1.90 J**
Barium	400	820		**30.1 J**	**599**	**96.4**	**19.1 J**	**45.9 J**	**29.2 J**	**23.4 J**	**39.6 J**	**29.5 J**
Beryllium	590	47		<0.500	**0.150 J**	**0.210 J**	<0.460	<0.510	**0.180 J**	**0.160 J**	**0.160 J**	**0.180 J**
Cadmium	9.3	7.5		<1.20	**1.00**	**0.350 J**	<1.20	<1.30	<0.870	<0.780	<0.800	<0.820
Calcium	-	-		**581 J**	**37,100**	**7,590**	**396 J**	**455 J**	**553 J**	**550 J**	**572 J**	**530 J**
Chromium	1,500	-		**8.90**	**13.9**	**12.1**	**6.30**	**6.80**	**20.8**	**8.80**	**9.50**	**8.00**
Cobalt	-	-		**4.80 J**	**4.20 J**	**5.30 J**	**2.80 J**	**3.10 J**	**4.80 J**	**3.60 J**	**3.70 J**	**3.80 J**
Copper	270	1,720		**8.40**	**89.1**	**41.6**	**5.90**	**4.30 J**	**62.7**	**5.60**	**6.20**	**8.70**
Iron	-	-		**11,000**	**11,200**	**15,700**	**9,810**	**9,580**	**13,400**	**11,200**	**12,400**	**10,200**
Lead	1,000	450		**3.80**	**826**	**288**	**2.50**	**3.10**	**3.00**	**3.10**	**2.90**	**2.90**
Magnesium	-	-		**1,940**	**2,440**	**3,780**	**1,190**	**1,300**	**1,390**	**1,220**	**1,280**	**1,420**
Manganese	10,000	2,000		**122**	**265**	**181**	**55.0**	**60.0**	**76.1**	**61.2**	**64.0**	**62.2**
Nickel	310	130		**11.1**	**17.3**	**23.9**	**5.50 J**	**6.50 J**	**9.30**	**6.80 J**	**6.90 J**	**7.20 J**
Potassium	-	-		**545 J**	**425 J**	**422 J**	**308 J**	**382 J**	**525 J**	**450 J**	**445 J**	**493 J**
Selenium	1,500	4		<2.50	<2.00	<2.10	<2.30	<2.60	<4.40	<3.90	<4.00	<4.10
Silver	1,500	8.3		<2.50	<2.00	<2.10	<2.30	<2.60	<2.20	<1.90	<2.00	<2.00
Sodium	-	-		**1,970**	**255 J**	<1,060	**640 J**	**1,600**	**342 J**	**580 J**	**413 J**	**1,280**
Thallium	-	-		<2.50	<2.00	<2.10	<2.30	<2.60	<4.40	<3.90	<4.00	<4.10
Vanadium	-	-		**14.3**	**15.0**	**16.6**	**12.0**	**11.7 J**	**15.1**	**14.0**	**14.8**	**12.3**
Zinc	10,000	2,480		**16.0**	**591**	**119**	**12.0**	**12.3**	**19.6**	**13.9**	**14.4**	**18.3**
Mercury	2.8	0.73		<0.0430	**0.590**	**0.440**	<0.0430	<0.0410	<0.0200	<0.0220	<0.0210	<0.0220

1	Table 375-6.8(b): Restricted Use Soil Cleanup Objectives.
NYSDEC	New York State Department of Environmental Conservation.
SCO	Soil Cleanup Objective.
mg/kg	Milligrams per kilogram.
B	Non-detect at the listed value due to associated blank contamination.
J	Estimated value.
ft bls	Feet below land surface.
-	Not available.
Bold	Indicates detection above laboratory Method Detection Limit.
	Analyte concentration exceeds Protection of Public Health Commercial Use SCO.
	Analyte concentration exceeds Protection of Groundwater SCO.
	Analyte concentration exceeds Protection of Groundwater SCO and Protection of Public Health Commerical Use SCO.

Table 12. Concentrations of Metals in Soil Samples Collected from Soil Borings and Compared to Unrestricted Use SCOs, Former Dangman Park MGP Site, Brooklyn, New York.

Analyte (Units in mg/kg)	NYSDEC Subpart 375-6 Unrestricted Use SCO [1] (mg/kg)	Sample ID:	SB-4 (98-100')	SB-5 (78-80')	SB-6 (2-3')	SB-6 (6-8')	SB-6 (43-45')	SB-6 (58-60')	SB-7 (2-3')	SB-7 (6-8')	SB-8 (2-3')	SB-8 (6-8')	SB-9 (2-3')
		Sample Depth (ft bls):	98 - 100	78 - 80	2 - 3	6 - 8	43 - 45	58 - 60	2 - 3	6 - 8	2 - 3	6 - 8	2 - 3
		Sample Date:	10/15/11	10/13/11	10/17/11	10/17/11	10/17/11	10/17/11	10/18/11	10/18/11	12/08/11	12/09/11	12/07/11
Aluminum	-		**3,590**	**2,940**	**3,690**	**6,780**	**1,680**	**2,750**	**10,800**	**5,270**	**7,030**	**4,600**	**4,240**
Antimony	-		<2.20	<2.60	<1.90	<2.20	<2.40	<2.30	<2.20	<2.10	<2.10	<2.10	<2.30
Arsenic	13		**1.50**	**1.50**	**4.90**	**2.60**	<1.20	**1.10 J**	**3.10**	**2.00**	**4.50**	**1.90**	**5.20**
Barium	350		**19.2 J**	**29.9 J**	**9.60 J**	**9.10 J**	**7.70 J**	**23.9 J**	**27.4 J**	**17.3 J**	**1,590**	**19.8 J**	**985**
Beryllium	7.2		**0.250 J**	**0.230 J**	**0.190 J**	**0.380 J**	<0.480	**0.240 J**	**0.420 J**	**0.300 J**	**0.250 J**	**0.210 J**	**0.210 J**
Cadmium	2.5		<1.10	<1.30	<0.970	<1.10	<1.20	<1.20	<1.10	<1.00	**2.30**	<1.10	**1.40**
Calcium	-		**1,120**	**419 J**	**317 J**	**332 J**	**580 J**	**401 J**	**786 J**	**396 J**	**27,900**	**384 J**	**30,000**
Chromium	30		**8.90**	**7.50**	**17.4**	**16.1**	**4.90 J**	**11.4**	**16.4**	**10.3 J**	**12.9**	**8.70**	**13.5**
Cobalt	-		**4.40 J**	**4.20 J**	**3.10 J**	**13.8**	**3.10 J**	**7.80 J**	**5.10 J**	**4.70 J**	**8.70 J**	**4.90 J**	**4.10 J**
Copper	50		**7.50**	**7.30**	**150**	**16.7**	**4.50 J**	**7.10**	**5.60**	**8.60**	**78.9**	**8.60**	**44.1**
Iron	-		**10,500**	**9,260**	**13,000**	**9,140**	**4,780**	**7,910**	**13,700**	**9,080**	**17,800**	**9,030**	**11,900**
Lead	63		**2.90**	**2.80**	**21.0**	**4.30**	**1.70**	**3.00**	**72.7**	**3.60**	**1,160**	**3.10**	**1,130**
Magnesium	-		**2,140**	**1,410**	**827 J**	**3,700**	**1,140 J**	**1,620**	**1,610**	**1,960**	**4,180**	**3,110**	**2,340**
Manganese	1,600		**302**	**145**	**45.4**	**61.6**	**568**	**210**	**174**	**92.8**	**222**	**239**	**182**
Nickel	30		**8.60 J**	**7.80 J**	**19.0**	**71.1**	**41.7**	**24.5**	**17.6**	**30.6**	**23.8**	**40.2**	**16.4**
Potassium	-		**553 J**	**454 J**	**195 J**	**422 J**	**314 J**	**498 J**	**350 J**	**330 J**	**1,010 J**	**389 J**	**704 J**
Selenium	3.9		<2.20	<2.60	<1.90	<2.20	<2.40	<2.30	<2.20	<2.10	<2.10	<2.10	<2.30
Silver	2		<2.20 B	<2.60	<1.90 B	<2.20	<2.40	<2.30	<2.20	<2.10	<2.10	<2.10	<2.30
Sodium	-		**1,620**	**1,180 J**	<967	<1,090	<1,190 B	**625 J**	<1,100 B	<1,050	**472 J**	<1,060	**368 J**
Thallium	-		<2.20	<2.60	<1.90	<2.20	<2.40	<2.30	<2.20	<2.10	<2.10	<2.10	<2.30
Vanadium	-		**14.7**	**13.0**	**26.9**	**17.1**	**5.00 J**	**10.5 J**	**21.1**	**14.8**	**35.8**	**11.8**	**14.9**
Zinc	109		**15.6**	**14.1**	**31.7**	**105**	**9.60**	**13.2**	**20.1**	**16.4**	**1,280**	**20.7**	**1,100**
Mercury	0.18		<0.0380	<0.0380	**0.0620**	<0.0380	<0.0390	<0.0360	<0.0360	<0.0320	**0.280**	<0.0370	**1.10**

1	Table 375-6.8(a): Unrestricted Use Soil Cleanup Objectives.
NYSDEC	New York State Department of Environmental Conservation.
SCO	Soil Cleanup Objective.
mg/kg	Milligrams per kilogram.
B	Non-detect at the listed value due to associated blank contamination.
J	Estimated value.
ft bls	Feet below land surface.
-	Not available.
Bold	Indicates detection above laboratory Method Detection Limit.
	Analyte concentration exceeds Unrestricted Use SCO.

Table 12. Concentrations of Metals in Soil Samples Collected from Soil Borings and Compared to Unrestricted Use SCOs, Former Dangman Park MGP Site, Brooklyn, New York.

Analyte (Units in mg/kg)	NYSDEC Subpart 375-6 Unrestricted Use SCO [1] (mg/kg)	Sample ID:	SB-9 (6-8')	SB-9 (72-73.5')	SB-9 (95.5-97.5')	SB-10 (2-3')	SB-10 (6-8')	DUP121311	SB-11 (2-3')	SB-11 (6-8')	SB-11 (40.5-42.5')	SB-11 (67-69')	SB-12 (2-3')
		Sample Depth (ft bls):	6 - 8	72 - 73.5	95.5 - 97.5	2 - 3	6 - 8	6 - 8	2 - 3	6 - 8	40.5 - 42.5	67 - 69	2 - 3
		Sample Date:	12/07/11	12/08/11	12/08/11	12/12/11	12/13/11	12/13/11 SB-10 (6-8') Duplicate	12/06/11	12/06/11	12/06/11	12/07/11	12/13/11
Aluminum	-		**3,770**	**3,810**	**3,990**	**5,610**	**3,800**	**6,250**	**5,380**	**4,530**	**2,750**	**2,350**	**5,690**
Antimony	-		<2.50	<2.60	<2.40	<2.10 J	<2.90 J	<2.90 J	<2.40	<2.10	<2.30	<2.20	**4.60 J**
Arsenic	13		<1.20	**2.80**	<1.20	**4.10**	**3.20**	**5.20**	**4.20**	**1.70**	<1.10	<1.10	**5.70**
Barium	350		**14.2 J**	**49.5 J**	**30.0 J**	**204 J**	**65.6 J**	**81.2 J**	**781**	**18.2 J**	**15.8 J**	**24.3 J**	**80.4 J**
Beryllium	7.2		**0.220 J**	**0.230 J**	**0.220 J**	**0.230 J**	<0.580	**0.210 J**	**0.260 J**	**0.280 J**	**0.170 J**	<0.440	**0.180 J**
Cadmium	2.5		<1.20	<1.30	<1.20	**0.430 J**	**0.300 J**	<1.50	**0.890 J**	<1.00	<1.10	<1.10	**0.970 J**
Calcium	-		**464 J**	**825 J**	**634 J**	**30,700**	**120,000**	**69,100**	**23,500**	**543 J**	**767 J**	**433 J**	**15,100**
Chromium	30		**9.20**	**8.30**	**8.00**	**14.9**	**21.2**	**11.9**	**14.6**	**10.6**	**5.90**	**6.70**	**56.5**
Cobalt	-		**5.50 J**	**5.10 J**	**5.00 J**	**6.80 J**	**2.10 J**	**3.30 J**	**5.00 J**	**3.30 J**	**4.00 J**	**2.80 J**	**6.10 J**
Copper	50		**8.90**	**7.70**	**8.80**	**38.3 J**	**14.9 J**	**25.3 J**	**51.4**	**8.20**	**6.70**	**4.50 J**	**92.3 J**
Iron	-		**6,730**	**12,100**	**9,100**	**12,600**	**6,010**	**8,210**	**11,200**	**9,700**	**6,140**	**7,280**	**15,000**
Lead	63		**2.90**	**2.70**	**2.90**	**234**	**70.1**	**148**	**1,070**	**5.20**	**2.80**	**1.90**	**468**
Magnesium	-		**1,530**	**1,650**	**1,970**	**2,800**	**5,430**	**4,080**	**2,720**	**1,690**	**1,730**	**1,070 J**	**3,480**
Manganese	1,600		**59.1**	**81.1**	**118**	**200 J**	**164 J**	**227 J**	**178**	**118**	**322**	**55.1**	**229 J**
Nickel	30		**39.9**	**8.30 J**	**9.70**	**31.5**	**9.80 J**	**16.3**	**23.0**	**32.7**	**20.7**	**5.50 J**	**19.3**
Potassium	-		**385 J**	**635 J**	**723 J**	**900 J**	**484 J**	**892 J**	**656 J**	**463 J**	**707 J**	**442 J**	**732 J**
Selenium	3.9		<2.50	<2.60	<2.40	<2.10	<2.90	<2.90	<2.40	<2.10	<2.30	<2.20	<2.10
Silver	2		<2.50	<2.60	<2.40	**0.270 J**	<2.90	**6.70**	<2.40	<2.10	<2.30	<2.20	<2.10
Sodium	-		<1,230	**866 J**	**1,120 J**	**360 J**	**295 J**	**311 J**	**307 J**	<1,050	**229 J**	**279 J**	**458 J**
Thallium	-		<2.50	<2.60	<2.40	<2.10	<2.90	<2.90	<2.40	<2.10	<2.30	<2.20	<2.10
Vanadium	-		**11.0 J**	**15.6**	**11.2 J**	**21.1**	**12.1 J**	**15.9**	**20.5**	**12.0**	**6.90 J**	**8.00 J**	**35.8**
Zinc	109		**18.3**	**16.8**	**17.5**	**280**	**179**	**266**	**720**	**57.6**	**14.6**	**11.2**	**153**
Mercury	0.18		<0.0410	<0.0420	<0.0370	**0.130**	<0.0490	**0.100**	**0.430**	<0.0360	<0.0400	<0.0370	**0.00130**

1	Table 375-6.8(a): Unrestricted Use Soil Cleanup Objectives.
NYSDEC	New York State Department of Environmental Conservation.
SCO	Soil Cleanup Objective.
mg/kg	Milligrams per kilogram.
B	Non-detect at the listed value due to associated blank contamination.
J	Estimated value.
ft bls	Feet below land surface.
-	Not available.
Bold	Indicates detection above laboratory Method Detection Limit.
	Analyte concentration exceeds Unrestricted Use SCO.

Table 12. Concentrations of Metals in Soil Samples Collected from Soil Borings and Compared to Unrestricted Use SCOs, Former Dangman Park MGP Site, Brooklyn, New York.

Analyte (Units in mg/kg)	NYSDEC Subpart 375-6 Unrestricted Use SCO [1] (mg/kg)	Sample ID:	SB-12 (6-8')	SB-13 (2-3')	Dup103111 SB-13 (2-3') Duplicate	SB-13 (6-8')	SB-13 (50-52')	SB-13 (60-62')	SB-14 (2.5-3.5')	SB-14 (6-8')	SB-16 (2-3')	SB-16 (5-7')	SB-17 (2-3')
		Sample Depth (ft bls):	6 - 8	2 - 3	2 - 3	6 - 8	50 - 52	60 - 62	2.5 - 3.5	6 - 8	2 - 3	5 - 7	2 - 3
		Sample Date:	12/13/11	10/31/11	10/31/11	10/31/11	11/01/11	11/2/11	11/02/11	11/02/11	12/14/11	12/14/11	12/09/11
Aluminum	-		**5,840**	**4,430**	**4,240**	**6,810**	**2,090**	**2,380**	**6,670**	**4,580**	**9,230**	**3,780**	**6,500**
Antimony	-		<2.30 J	**2.10 J**	**1.20 J**	<2.10 J	<2.30 J	<2.40 J	<2.00 J	<2.20 J	<2.10 J	<2.10 J	**4.30**
Arsenic	13		**2.30**	**7.10**	**5.50**	**1.80**	<1.10	<1.20	**1.70**	**1.60**	**8.00**	**2.10**	**5.10**
Barium	350		**20.9 J**	**606**	**682**	**29.1 J**	**23.2 J**	**15.7 J**	**22.6 J**	**11.0 J**	**375 J**	**13.6 J**	**918**
Beryllium	7.2		**0.190 J**	**0.320 J**	**0.320 J**	**0.540**	**0.210 J**	**0.210 J**	**0.380 J**	**0.270 J**	**0.400 J**	**0.170 J**	**0.280 J**
Cadmium	2.5		<1.20	**0.600 J**	**0.760 J**	<1.10	<1.10	<1.20	<1.00	<1.10	**0.640 J**	<1.10	**0.840 J**
Calcium	-		**375 J**	**11,100 J**	**9,460 J**	**1,050 J**	**716 J**	**487 J**	**4,810 J**	**394 J**	**9,950**	**373 J**	**42,300**
Chromium	30		**11.6**	**15.7**	**17.3**	**25.0**	**13.6**	**6.60**	**25.0**	**12.7**	**17.5**	**8.90**	**14.4**
Cobalt	-		**6.00 J**	**4.90 J**	**4.20 J**	**10.2 J**	**7.10 J**	**3.10 J**	**6.90 J**	**4.50 J**	**6.10 J**	**4.30 J**	**6.00 J**
Copper	50		**9.20 J**	**60.2**	**78.0**	**18.3**	**7.40**	**6.70**	**12.5**	**8.40**	**45.3 J**	**6.30 J**	**48.9**
Iron	-		**10,500**	**14,800**	**12,100**	**17,900**	**9,410**	**7,400**	**11,400**	**10,600**	**14,700**	**6,990**	**12,600**
Lead	63		**3.90**	**893**	**1,210**	**6.70**	**5.30**	**2.10**	**13.4**	**4.30**	**1,270**	**2.70**	**1,030**
Magnesium	-		**1,990**	**1,690 J**	**1,850 J**	**2,680 J**	**1,090 J**	**1,390 J**	**2,340 J**	**1,710 J**	**3,750**	**1,810**	**2,840**
Manganese	1,600		**238 J**	**188 J**	**110 J**	**262 J**	**112 J**	**74.8 J**	**231 J**	**128 J**	**253 J**	**193 J**	**216**
Nickel	30		**39.3**	**18.9**	**19.4**	**61.8**	**15.5**	**10.6**	**55.9**	**34.4**	**29.2**	**33.5**	**21.6**
Potassium	-		**513 J**	**408 J**	**420 J**	**456 J**	**280 J**	**414 J**	**428 J**	**422 J**	**516 J**	**355 J**	**859 J**
Selenium	3.9		<2.30	**1.10 J**	**1.20 J**	<2.10	<2.30	<2.40	<2.00	<2.20	<2.10	<2.10	<2.30
Silver	2		<2.30	**0.300 J**	**0.400 J**	<2.10	<2.30	<2.40	<2.00	<2.20	<2.10	<2.10	<2.30
Sodium	-		<1,160	**99.7 J**	**124 J**	<1,070	**296 J**	**653 J**	<1,010	<1,120	<1,070	<1,060	**383 J**
Thallium	-		<2.30	<2.00 B	<2.00	<2.10	<2.30	<2.40	<2.00	<2.20	<2.10	<2.10	<2.30
Vanadium	-		**13.5**	**23.4**	**22.0**	**28.6**	**13.7**	**8.50 J**	**15.5**	**13.0**	**22.2**	**10.1 J**	**30.9**
Zinc	109		**18.6**	**649**	**689**	**30.0**	**17.1**	**11.5**	**21.4**	**101**	**571**	**12.9**	**628**
Mercury	0.18		**0.110**	**1.40**	**1.10**	<0.0330	<0.0360	<0.0390	<0.0350	<0.0380	**0.500**	<0.0330	**0.230**

1	Table 375-6.8(a): Unrestricted Use Soil Cleanup Objectives.
NYSDEC	New York State Department of Environmental Conservation.
SCO	Soil Cleanup Objective.
mg/kg	Milligrams per kilogram.
B	Non-detect at the listed value due to associated blank contamination.
J	Estimated value.
ft bls	Feet below land surface.
-	Not available.
Bold	Indicates detection above laboratory Method Detection Limit.
	Analyte concentration exceeds Unrestricted Use SCO.

Table 12. Concentrations of Metals in Soil Samples Collected from Soil Borings and Compared to Unrestricted Use SCOs, Former Dangman Park MGP Site, Brooklyn, New York.

Analyte (Units in mg/kg)	NYSDEC Subpart 375-6 Unrestricted Use SCO [1] (mg/kg)	Sample ID: / Sample Depth (ft bls): / Sample Date:	SB-17 (5-7') 5 - 7 12/12/11	SB-18 (2-3') 2 - 3 02/22/12	SB-18 (7-9') 7 - 9 02/22/12	SB-18 (20-22') 20 - 22 02/22/12	SB-18 (52-54') 52 - 54 02/22/12	SB-19 (2-3') 2 - 3 12/15/11	SB-19 (10-11') 10 - 11 12/15/11	SB-20 (2-3') 2 - 3 03/01/12	SB-20 (6-8') 6 - 8 03/01/12	DUP030112 6 - 8 03/01/12 SB-20 (6-8') Duplicate	SB-21 (2-3') 2 - 3 12/16/11
Aluminum	-		**11,400**	**494**	**2,820**	**2,410**	**1,720**	**3,280**	**2,530**	**895**	**4,600**	**4,510**	**2,820**
Antimony	-		<2.10 J	<2.10	<2.70	<2.10	<2.30	<2.00 J	<2.20 J	<2.10	<2.20	<2.30	<2.10 J
Arsenic	13		**4.20**	<1.00	<1.30	**2.00**	<1.20	**4.80**	**2.50**	<1.10	**2.20**	**2.90**	**2.80**
Barium	350		**30.3 J**	**5.20 J**	**5.40 J**	**6.20 J**	**13.1 J**	**304 J**	**9.10 J**	**19.1 J**	**12.7 J**	**12.6 J**	**165 J**
Beryllium	7.2		**0.280 J**	<0.410	<0.540	<0.420	<0.460	<0.390	<0.440	<0.420	**0.230 J**	**0.250 J**	<0.430
Cadmium	2.5		<1.10	<1.00	<1.30	<1.10	<1.20	**0.390 J**	<1.10	<1.10	<1.10	<1.20	<1.10
Calcium	-		**999 J**	**487 J**	**302 J**	**384 J**	**335 J**	**5,140**	**642 J**	<1,050 B	<1,090 B	<1,160 B	**12,600**
Chromium	30		**19.2**	**1.80 J**	**11.6**	**9.40**	**7.70**	**11.7**	**10.6**	**3.20**	**10.2**	**12.0**	**7.10**
Cobalt	-		**7.50 J**	<10.3	**2.50 J**	**3.80 J**	**9.30 J**	**3.30 J**	**1.80 J**	**1.10 J**	**6.40 J**	**5.80 J**	**2.60 J**
Copper	50		**8.30 J**	<5.20	**3.70 J**	**7.00**	**5.30 J**	**32.3 J**	**3.50 J**	**3.70 J**	**8.20**	**9.10**	**20.5 J**
Iron	-		**15,900**	**969**	**9,570**	**7,730**	**7,250**	**8,170**	**6,930**	**2,690**	**9,940**	**11,800**	**5,900**
Lead	63		**7.20**	**6.70**	**4.70**	**3.10**	**2.30**	**1,400**	**5.40**	**67.8**	**4.20**	**4.20**	**127**
Magnesium	-		**2,120**	**211 J**	**1,500**	**1,110**	**985 J**	**1,360**	**995 J**	**292 J**	**2,100**	**1,940**	**1,910**
Manganese	1,600		**262 J**	**11.2**	**50.7**	**64.1**	**262**	**110 J**	**52.0 J**	**20.9**	**127**	**169**	**91.9 J**
Nickel	30		**30.0**	**1.70 J**	**16.9**	**20.4**	**15.4**	**14.9**	**10.2**	**3.60 J**	**30.8**	**32.0**	**11.0**
Potassium	-		**528 J**	<1,030	**297 J**	**296 J**	**251 J**	**355 J**	**342 J**	**130 J**	**405 J**	**395 J**	**417 J**
Selenium	3.9		<2.10	<2.10	<2.70	<2.10	<2.30	<2.00	<2.20	<2.10	<2.20	<2.30	<2.10
Silver	2		<2.10	<2.10	<2.70	<2.10	<2.30	<2.00	<2.20	<2.10	<2.20	<2.30	<2.10
Sodium	-		<1,070	<1,030	**344 J**	<1,060	<1,150	**342 J**	**864 J**	<1,050	<1,090	<1,160	<1,070
Thallium	-		<2.10	<2.10	<2.70	<2.10	<2.30	<2.00	<2.20	<2.10	<2.20	<2.30	<2.10
Vanadium	-		**24.6**	**2.20 J**	**15.6**	**10.5 J**	**9.00 J**	**15.1**	**16.8**	**8.80 J**	**11.4**	**18.5**	**10.5 J**
Zinc	109		**21.8**	**6.10 J**	**13.4**	**12.8**	**9.50**	**322**	**11.4**	**26.4**	**104**	**78.9**	**141**
Mercury	0.18		<0.0350	<0.0310	<0.0390	<0.0330	<0.0370	**0.650**	<0.0350	**0.470**	<0.0360	<0.0360	**0.130**

1	Table 375-6.8(a): Unrestricted Use Soil Cleanup Objectives.
NYSDEC	New York State Department of Environmental Conservation.
SCO	Soil Cleanup Objective.
mg/kg	Milligrams per kilogram.
B	Non-detect at the listed value due to associated blank contamination.
J	Estimated value.
ft bls	Feet below land surface.
-	Not available.
Bold	Indicates detection above laboratory Method Detection Limit.
	Analyte concentration exceeds Unrestricted Use SCO.

Table 12. Concentrations of Metals in Soil Samples Collected from Soil Borings and Compared to Unrestricted Use SCOs, Former Dangman Park MGP Site, Brooklyn, New York.

Analyte (Units in mg/kg)	NYSDEC Subpart 375-6 Unrestricted Use SCO [1] (mg/kg)	Sample ID: / Sample Depth (ft bls): / Sample Date:	SB-21 (12-13') 12 - 13 12/16/11	SB-22 (2-3') 2 - 3 12/19/11	SB-22 (5-7') 5 - 7 01/19/12	SB-22 (33-34') 33 - 34 01/19/12	SB-22 (58-60') 58 - 60 01/19/12	SB-23 (5-7') 5 - 7 02/28/12	SB-24 (5-7') 5 - 7 02/29/12	MW-13 (77-79') 77 - 79 02/23/12	MW-13 (90-92') 90 - 92 02/24/12	MW-14 (82-84') 82 - 84 02/13/12	MW-14 (108-110') 108 - 110 02/14/12
Aluminum	-		**3,170**	**2,700**	**1,600**	**1,920**	**3,110**	**508**	**486**	**2,390**	**2,120**	**2,410**	**3,520**
Antimony	-		<2.10 J	<2.00 J	<2.20	<2.20	<2.30	<2.40	<2.20	<2.20	<2.30	<2.70	<2.00
Arsenic	13		**1.60**	**2.30**	**1.30**	**1.40**	**1.60**	<1.20	<1.10	**2.50**	**1.80**	**2.20**	**5.20**
Barium	350		**5.80 J**	**37.9 J**	**10.8 J**	**5.00 J**	**30.6 J**	**5.90 J**	**4.40 J**	**51.9**	**10.2 J**	**24.0 J**	**25.2 J**
Beryllium	7.2		<0.420	<0.390	<0.450	<0.450	**0.200 J**	<0.470	<0.440	<0.440	<0.460	<0.530	**0.230 J**
Cadmium	2.5		<1.10	<0.980	<1.10	<1.10	<1.20	<1.20	<1.10	<1.10	<1.20	<1.30	<1.00
Calcium	-		**655 J**	**91,600**	**3,710**	**655 J**	**623 J**	**353 J**	**301 J**	**357 J**	**339 J**	**501 J**	**522 J**
Chromium	30		**9.70**	**9.70**	**7.50**	**6.60**	**10.0**	**2.60**	**2.70**	**6.90**	**6.30**	**7.00**	**8.00**
Cobalt	-		**2.30 J**	**2.40 J**	**1.40 J**	**3.60 J**	**5.30 J**	<11.8	<11.1	**3.60 J**	**3.60 J**	**4.00 J**	**5.40 J**
Copper	50		**4.60 J**	**13.0 J**	**12.7**	**5.80**	**7.80**	<5.90	<5.50	**4.80 J**	**4.60 J**	**5.00 J**	**5.90**
Iron	-		**7,080**	**6,540**	**4,430**	**5,920**	**12,300**	**1,220**	**952**	**9,610**	**8,690**	**9,720**	**12,600**
Lead	63		**2.60**	**69.1**	**12.8**	**2.40**	**3.20**	**3.20**	**2.20**	**2.70**	**2.50**	**2.40**	**4.50**
Magnesium	-		**1,450**	**44,100**	**1,510**	**1,490**	**1,520**	**212 J**	**206 J**	**1,200**	**1,050 J**	**1,300 J**	**2,330**
Manganese	1,600		**78.6 J**	**107 J**	**39.4**	**164**	**270**	**12.1**	**9.80**	**56.6**	**59.7**	**66.1**	**130**
Nickel	30		**17.4**	**10.2**	**9.60**	**40.3**	**10.3**	**1.00 J**	**0.990 J**	**6.60 J**	**6.20 J**	**6.40 J**	**12.9**
Potassium	-		**537 J**	**429 J**	**239 J**	**397 J**	**530 J**	<1,180	<1,110	**331 J**	**311 J**	**398 J**	**489 J**
Selenium	3.9		<2.10	<2.00	<2.20	<2.20	<2.30	<2.40	<2.20	<2.20	<2.30	<2.70	<2.00
Silver	2		<2.10	<2.00	<2.20	<2.20	<2.30	<2.40	<2.20	<2.20	<2.30	<2.70	<2.00
Sodium	-		<1,060	<983 B	**199 J**	<1,120	**708 J**	<1,180	<1,110	**627 J**	<1,150	**1,670**	**1,350**
Thallium	-		<2.10	<2.00	<2.20	<2.20	<2.30	<2.40	<2.20	<2.20	<2.30	<2.70	<2.00
Vanadium	-		**9.90 J**	**11.3**	**8.40 J**	**8.40 J**	**19.9**	**1.90 J**	**1.50 J**	**11.3**	**12.1**	**11.0 J**	**11.6**
Zinc	109		**13.1**	**43.2**	**40.1**	**12.1**	**13.3**	**19.6**	**18.3**	**11.7**	**10.6**	**11.5**	**22.1**
Mercury	0.18		<0.0340	**0.160**	<0.0350	<0.0400	<0.0390	**0.0340 J**	**0.910**	<0.0390	<0.0340	<0.0400	<0.0380

1	Table 375-6.8(a): Unrestricted Use Soil Cleanup Objectives.
NYSDEC	New York State Department of Environmental Conservation.
SCO	Soil Cleanup Objective.
mg/kg	Milligrams per kilogram.
B	Non-detect at the listed value due to associated blank contamination.
J	Estimated value.
ft bls	Feet below land surface.
-	Not available.
Bold	Indicates detection above laboratory Method Detection Limit.
	Analyte concentration exceeds Unrestricted Use SCO.

Table 12. Concentrations of Metals in Soil Samples Collected from Soil Borings and Compared to Unrestricted Use SCOs, Former Dangman Park MGP Site, Brooklyn, New York.

Analyte (Units in mg/kg)	NYSDEC Subpart 375-6 Unrestricted Use SCO [1] (mg/kg)	Sample ID: / Sample Depth (ft bls): / Sample Date:	MW-17 (7-9') 7 - 9 02/15/12	MW-17 (25-27') 25 - 27 02/15/12	MW-17 (103-105') 103 - 105 02/16/12	MW-17 (113-115') 113 - 115 02/16/12	MW-18 (82-84') 82 - 84 02/15/12	MW-18 (97-99') 97 - 99 02/15/12	MW-19 (2-3') 2 - 3 02/20/12	MW-19 (5-7') 5 - 7 02/20/12	MW-19 (67-69') 67 - 69 02/20/12	MW-19 (77-79') 77 - 79 02/21/12	MW-20 (80-82') 80 - 82 11/21/13
Aluminum	-		**3,590**	**2,850**	**4,070**	**3,730**	**1,700**	**3,350**	**3,430**	**5,590**	**2,330**	**2,450**	**3,230**
Antimony	-		<2.20	<2.40	<2.10	<2.10	<2.40	<2.50	**2.20**	<2.10	<2.30	<2.60	<4.40 J
Arsenic	13		**2.60**	**1.60**	**1.60**	**4.20**	**1.70**	**2.30**	**4.80**	**2.70**	**1.70**	**2.10**	**1.40 J**
Barium	350		**14.2 J**	**16.2 J**	**26.5 J**	**16.7 J**	**11.5 J**	**30.1 J**	**599**	**96.4**	**19.1 J**	**45.9 J**	**29.2 J**
Beryllium	7.2		**0.200 J**	**0.220 J**	**0.270 J**	**0.310 J**	<0.480	<0.500	**0.150 J**	**0.210 J**	<0.460	<0.510	**0.180 J**
Cadmium	2.5		<1.10	<1.20	<1.00	<1.10	<1.20	<1.20	**1.00**	**0.350 J**	<1.20	<1.30	<0.870
Calcium	-		**326 J**	<1,200 B	<1,040 B	<1,070 B	**511 J**	**581 J**	**37,100**	**7,590**	**396 J**	**455 J**	**553 J**
Chromium	30		**9.60**	**11.0**	**8.70**	**8.60**	**6.60**	**8.90**	**13.9**	**12.1**	**6.30**	**6.80**	**20.8**
Cobalt	-		**4.10 J**	**4.40 J**	**4.70 J**	**4.80 J**	**2.50 J**	**4.80 J**	**4.20 J**	**5.30 J**	**2.80 J**	**3.10 J**	**4.80 J**
Copper	50		**7.40**	**8.40**	**7.80**	**6.90**	**5.30 J**	**8.40**	**89.1**	**41.6**	**5.90**	**4.30 J**	**62.7**
Iron	-		**8,300**	**8,380**	**10,800**	**11,600**	**8,610**	**11,000**	**11,200**	**15,700**	**9,810**	**9,580**	**13,400**
Lead	63		**3.00**	**4.30**	**3.90**	**4.80**	**2.90**	**3.80**	**826**	**288**	**2.50**	**3.10**	**3.00**
Magnesium	-		**1,320**	<1,380 B	**2,120**	**2,240**	**895 J**	**1,940**	**2,440**	**3,780**	**1,190**	**1,300**	**1,390**	
Manganese	1,600		**55.1**	**87.7**	**132**	**128**	**50.5**	**122**	**265**	**181**	**55.0**	**60.0**	**76.1**
Nickel	30		**31.4**	**30.0**	**10.7**	**12.7**	**5.00 J**	**11.1**	**17.3**	**23.9**	**5.50 J**	**6.50 J**	**9.30**
Potassium	-		**261 J**	**458 J**	**636 J**	**482 J**	**245 J**	**545 J**	**425 J**	**422 J**	**308 J**	**382 J**	**525 J**
Selenium	3.9		<2.20	<2.40	<2.10	<2.10	<2.40	<2.50	<2.00	<2.10	<2.30	<2.60	<4.40
Silver	2		<2.20	<2.40	<2.10	<2.10	<2.40	<2.50	<2.00	<2.10	<2.30	<2.60	<2.20
Sodium	-		<1,120	<1,200	<1,360 B	<1,070 B	**844 J**	**1,970**	**255 J**	<1,060	**640 J**	**1,600**	**342 J**
Thallium	-		<2.20	<2.40	<2.10	<2.10	<2.40	<2.50	<2.00	<2.10	<2.30	<2.60	<4.40
Vanadium	-		**11.1 J**	**9.90 J**	**12.7**	**10.3 J**	**12.0**	**14.3**	**15.0**	**16.6**	**12.0**	**11.7 J**	**15.1**
Zinc	109		**15.1**	**15.0**	**17.3**	**20.1**	**9.40**	**16.0**	**591**	**119**	**12.0**	**12.3**	**19.6**
Mercury	0.18		<0.0370	<0.0400	<0.0360	<0.0390	<0.0370	<0.0430	**0.590**	**0.440**	<0.0430	<0.0410	<0.0200

1	Table 375-6.8(a): Unrestricted Use Soil Cleanup Objectives.
NYSDEC	New York State Department of Environmental Conservation.
SCO	Soil Cleanup Objective.
mg/kg	Milligrams per kilogram.
B	Non-detect at the listed value due to associated blank contamination.
J	Estimated value.
ft bls	Feet below land surface.
-	Not available.
Bold	Indicates detection above laboratory Method Detection Limit.
	Analyte concentration exceeds Unrestricted Use SCO.

Table 12. Concentrations of Metals in Soil Samples Collected from Soil Borings and Compared to Unrestricted Use SCOs, Former Dangman Park MGP Site, Brooklyn, New York.

Analyte (Units in mg/kg)	NYSDEC Subpart 375-6 Unrestricted Use SCO [1] (mg/kg)	Sample ID:	MW-20 (85-86')	DUP112113 MW-20 (85-86') Duplicate	MW-20 (90-92')
		Sample Depth (ft bls):	85 - 86	85 - 86	90 - 92
		Sample Date:	11/21/13	11/21/13	11/21/13
Aluminum	-		**2,780**	**2,870**	**3,020**
Antimony	-		<3.90 J	<4.00 J	<4.10 J
Arsenic	13		**1.80 J**	**1.70 J**	**1.90 J**
Barium	350		**23.4 J**	**39.6 J**	**29.5 J**
Beryllium	7.2		**0.160 J**	**0.160 J**	**0.180 J**
Cadmium	2.5		<0.780	<0.800	<0.820
Calcium	-		**550 J**	**572 J**	**530 J**
Chromium	30		**8.80**	**9.50**	**8.00**
Cobalt	-		**3.60 J**	**3.70 J**	**3.80 J**
Copper	50		**5.60**	**6.20**	**8.70**
Iron	-		**11,200**	**12,400**	**10,200**
Lead	63		**3.10**	**2.90**	**2.90**
Magnesium	-		**1,220**	**1,280**	**1,420**
Manganese	1,600		**61.2**	**64.0**	**62.2**
Nickel	30		**6.80 J**	**6.90 J**	**7.20 J**
Potassium	-		**450 J**	**445 J**	**493 J**
Selenium	3.9		<3.90	<4.00	<4.10
Silver	2		<1.90	<2.00	<2.00
Sodium	-		**580 J**	**413 J**	**1,280**
Thallium	-		<3.90	<4.00	<4.10
Vanadium	-		**14.0**	**14.8**	**12.3**
Zinc	109		**13.9**	**14.4**	**18.3**
Mercury	0.18		<0.0220	<0.0210	<0.0220

1	Table 375-6.8(a): Unrestricted Use Soil Cleanup Objectives.
NYSDEC	New York State Department of Environmental Conservation.
SCO	Soil Cleanup Objective.
mg/kg	Milligrams per kilogram.
B	Non-detect at the listed value due to associated blank contamination.
J	Estimated value.
ft bls	Feet below land surface.
-	Not available.
Bold	Indicates detection above laboratory Method Detection Limit.
	Analyte concentration exceeds Unrestricted Use SCO.

Table 13. Concentrations of Polychlorinated Biphenyls in Soil Samples Collected from Soil Borings and Compared to Restricted Use SCOs, Former Dangman Park MGP Site, Brooklyn, New York.

Compound (Units in ug/kg)	NYSDEC Subpart 375-6 Protection of Public Health Commercial Use SCO [1] (ug/kg)	NYSDEC Subpart 375-6 Protection of Groundwater SCO [1] (ug/kg)	Sample ID: / Sample Depth (ft bls): / Sample Date:	SB-4 (98-100') 98 - 100 10/15/11	SB-5 (78-80') 78 - 80 10/13/11	SB-6 (2-3') 2 - 3 10/17/11	SB-6 (6-8') 6 - 8 10/17/11	SB-6 (43-45') 43 - 45 10/17/11	SB-6 (58-60') 58 - 60 10/17/11	SB-7 (2-3') 2 - 3 10/18/11	SB-7 (6-8') 6 - 8 10/18/11	SB-8 (2-3') 2 - 3 12/08/11	SB-8 (6-8') 6 - 8 12/09/11	SB-9 (2-3') 2 - 3 12/07/11	SB-9 (6-8') 6 - 8 12/07/11	SB-9 (72-73.5') 72 - 73.5 12/08/11	SB-9 (95.5-97.5') 95.5 - 97.5 12/08/11
Aroclor 1016	-	-		<79	<87	<71	<77	<82	<80	<77	<73	<77	<77	<83	<85	<92	<86
Aroclor 1221	-	-		<79	<87	<71	<77	<82	<80	<77	<73	<77	<77	<83	<85	<92	<86
Aroclor 1232	-	-		<79	<87	<71	<77	<82	<80	<77	<73	<77	<77	<83	<85	<92	<86
Aroclor 1242	-	-		<79	<87	<71	<77	<82	<80	<77	<73	<77	<77	<83	<85	<92	<86
Aroclor 1248	-	-		<79	<87	<71	<77	<82	<80	<77	<73	<77	<77	<83	<85	<92	<86
Aroclor 1254	-	-		<79	<87	<71	<77	<82	<80	<77	<73	<77	<77	<83	<85	<92	<86
Aroclor 1260	-	-		<79	<87	<71	<77	<82	<80	<77	<73	<77	<77	<83	<85	<92	<86
PCBs	1,000	3,200		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

1	Table 375-6.8(b): Restricted Use Soil Cleanup Objectives.
NYSDEC	New York State Department of Environmental Conservation.
SCO	Soil Cleanup Objective.
ug/kg	Micrograms per kilogram.
PCB	Polychlorinated Biphenyl.
J	Estimated value.
ND	Not detected above laboratory reporting limit.
ft bls	Feet below land surface.
-	Not available.
Bold	Indicates detection above laboratory Method Detection Limit.

Table 13. Concentrations of Polychlorinated Biphenyls in Soil Samples Collected from Soil Borings and Compared to Restricted Use SCOs, Former Dangman Park MGP Site, Brooklyn, New York.

Compound (Units in ug/kg)	NYSDEC Subpart 375-6 Protection of Public Health Commercial Use SCO [1] (ug/kg)	NYSDEC Subpart 375-6 Protection of Groundwater SCO [1] (ug/kg)	Sample ID: / Sample Depth (ft bls): / Sample Date:	SB-10 (2-3') 2 - 3 12/12/11	SB-10 (6-8') 6 - 8 12/13/11	DUP121311 6 - 8 12/13/11 SB-10 (6-8') Duplicate	SB-11 (2-3') 2 - 3 12/06/11	SB-11 (6-8') 6 - 8 12/06/11	SB-11 (40.5-42.5') 40.5 - 42.5 12/06/11	SB-11 (67-69') 67 - 69 12/07/11	SB-12 (2-3') 2 - 3 12/13/11	SB-12 (6-8') 6 - 8 12/13/11	SB-13 (2-3') 2 - 3 10/31/11	Dup103111 2 - 3 10/31/11 SB-13 (2-3') Duplicate	SB-13 (6-8') 6 - 8 10/31/11	SB-13 (50-52') 50 - 52 11/01/11	SB-13 (60-62') 60 - 62 11/2/11
Aroclor 1016	-	-		<74	<100	<100	<86	<76	<82	<79	<73	<88	<75	<75	<73	<85	<80
Aroclor 1221	-	-		<74	<100	<100	<86	<76	<82	<79	<73	<88	<75	<75	<73	<85	<80
Aroclor 1232	-	-		<74	<100	<100	<86	<76	<82	<79	<73	<88	<75	<75	<73	<85	<80
Aroclor 1242	-	-		<74	<100	<100	<86	<76	<82	<79	**170**	<88	<75	<75	<73	<85	<80
Aroclor 1248	-	-		<74	<100	<100	**94**	**280**	<82	<79	<73	<88	<75	<75	<73	<85	<80
Aroclor 1254	-	-		<74	<100	<100	<86	<76	<82	<79	<73	<88	<75	<75	<73	<85	<80
Aroclor 1260	-	-		<74	<100	<100	<86	<76	<82	<79	**160**	<88	<75	<75	<73	<85	<80
PCBs	1,000	3,200		ND	ND	ND	**94**	**280**	ND	ND	**330**	ND	ND	ND	ND	ND	ND

1	Table 375-6.8(b): Restricted Use Soil Cleanup Objectives.
NYSDEC	New York State Department of Environmental Conservation.
SCO	Soil Cleanup Objective.
ug/kg	Micrograms per kilogram.
PCB	Polychlorinated Biphenyl.
J	Estimated value.
ND	Not detected above laboratory reporting limit.
ft bls	Feet below land surface.
-	Not available.
Bold	Indicates detection above laboratory Method Detection Limit.

Table 13. Concentrations of Polychlorinated Biphenyls in Soil Samples Collected from Soil Borings and Compared to Restricted Use SCOs, Former Dangman Park MGP Site, Brooklyn, New York.

Compound (Units in ug/kg)	NYSDEC Subpart 375-6 Protection of Public Health Commercial Use SCO [1] (ug/kg)	NYSDEC Subpart 375-6 Protection of Groundwater SCO [1] (ug/kg)	Sample ID:	SB-14 (2.5-3.5')	SB-14 (6-8')	SB-16 (2-3')	SB-16 (5-7')	SB-17 (2-3')	SB-17 (5-7')	SB-18 (2-3')	SB-18 (7-9')	SB-18 (20-22')	SB-18 (52-54')	SB-19 (2-3')	SB-19 (10-11')	SB-20 (2-3')	SB-20 (6-8')
			Sample Depth (ft bls):	2.5 - 3.5	6 - 8	2 - 3	5 - 7	2 - 3	5 - 7	2 - 3	7 - 9	20 - 22	52 - 54	2 - 3	10 - 11	2 - 3	6 - 8
			Sample Date:	11/02/11	11/02/11	12/14/11	12/14/11	12/09/11	12/12/11	02/22/12	02/22/12	02/22/12	02/22/12	12/15/11	12/15/11	03/01/12	03/01/12
Aroclor 1016	-	-		<72	<77	<75	<75	<81	<75	<70	<92	<76	<79	<73	<82	<72	<81
Aroclor 1221	-	-		<72	<77	<75	<75	<81	<75	<70	<92	<76	<79	<73	<82	<72	<81
Aroclor 1232	-	-		<72	<77	<75	<75	<81	<75	<70	<92	<76	<79	<73	<82	<72	<81
Aroclor 1242	-	-		<72	<77	<75	<75	<81	<75	<70	<92	<76	<79	<73	<82	<72	<81
Aroclor 1248	-	-		<72	<77	<75	<75	<81	<75	<70	<92	<76	<79	<73	<82	<72	<81
Aroclor 1254	-	-		<72	<77	<75	<75	<81	<75	<70	<92	<76	<79	<73	<82	<72	<81
Aroclor 1260	-	-		**26 J**	<77	<75	<75	<81	<75	<70	<92	<76	<79	<73	<82	**25 J**	<81
PCBs	1,000	3,200		**26 J**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**25 J**	ND

1	Table 375-6.8(b): Restricted Use Soil Cleanup Objectives.
NYSDEC	New York State Department of Environmental Conservation.
SCO	Soil Cleanup Objective.
ug/kg	Micrograms per kilogram.
PCB	Polychlorinated Biphenyl.
J	Estimated value.
ND	Not detected above laboratory reporting limit.
ft bls	Feet below land surface.
-	Not available.
Bold	Indicates detection above laboratory Method Detection Limit.

Table 13. Concentrations of Polychlorinated Biphenyls in Soil Samples Collected from Soil Borings and Compared to Restricted Use SCOs, Former Dangman Park MGP Site, Brooklyn, New York.

Compound (Units in ug/kg)	NYSDEC Subpart 375-6 Protection of Public Health Commercial Use SCO [1] (ug/kg)	NYSDEC Subpart 375-6 Protection of Groundwater SCO [1] (ug/kg)	Sample ID: / Sample Depth (ft bls): / Sample Date:	DUP030112 6 - 8 03/01/12 SB-20 (6-8') Duplicate	SB-21 (2-3') 2 - 3 12/16/11	SB-21 (12-13') 12 - 13 12/16/11	SB-22 (2-3') 2 - 3 12/19/11	SB-22 (5-7') 5 - 7 01/19/12	SB-22 (33-34') 33 - 34 01/19/12	SB-22 (58-60') 58 - 60 01/19/12	SB-23 (5-7') 5 - 7 02/28/12	SB-24 (5-7') 5 - 7 02/29/12	MW-13 (77-79') 77 - 79 02/23/12	MW-13 (90-92') 90 - 92 02/24/12	MW-14 (82-84') 82 - 84 02/13/12	MW-14 (108-110') 108 - 110 02/14/12	MW-17 (7-9') 7 - 9 02/15/12
Aroclor 1016	-	-		<79	<73	<75	<69	<78	<83	<80	<86	<82	<80	<80	<90	<78	<76
Aroclor 1221	-	-		<79	<73	<75	<69	<78	<83	<80	<86	<82	<80	<80	<90	<78	<76
Aroclor 1232	-	-		<79	<73	<75	<69	<78	<83	<80	<86	<82	<80	<80	<90	<78	<76
Aroclor 1242	-	-		<79	<73	<75	<69	<78	<83	<80	<86	<82	<80	<80	<90	<78	<76
Aroclor 1248	-	-		<79	<73	<75	<69	<78	<83	<80	<86	<82	<80	<80	<90	<78	<76
Aroclor 1254	-	-		<79	<73	<75	<69	<78	<83	<80	<86	<82	<80	<80	<90	<78	<76
Aroclor 1260	-	-		<79	<73	<75	<69	<78	<83	<80	<86	<82	<80	<80	<90	<78	<76
PCBs	1,000	3,200		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

1	Table 375-6.8(b): Restricted Use Soil Cleanup Objectives.
NYSDEC	New York State Department of Environmental Conservation.
SCO	Soil Cleanup Objective.
ug/kg	Micrograms per kilogram.
PCB	Polychlorinated Biphenyl.
J	Estimated value.
ND	Not detected above laboratory reporting limit.
ft bls	Feet below land surface.
-	Not available.
Bold	Indicates detection above laboratory Method Detection Limit.

Table 13. Concentrations of Polychlorinated Biphenyls in Soil Samples Collected from Soil Borings and Compared to Restricted Use SCOs, Former Dangman Park MGP Site, Brooklyn, New York.

Compound (Units in ug/kg)	NYSDEC Subpart 375-6 Protection of Public Health Commercial Use SCO [1] (ug/kg)	NYSDEC Subpart 375-6 Protection of Groundwater SCO [1] (ug/kg)	Sample ID:	MW-17 (25-27')	MW-17 (103-105')	MW-17 (113-115')	MW-18 (82-84')	MW-18 (97-99')	MW-19 (2-3')	MW-19 (5-7')	MW-19 (67-69')	MW-19 (77-79')	MW-20 (80-82')	MW-20 (85-86')	DUP112113	MW-20 (90-92')
			Sample Depth (ft bls):	25 - 27	103 - 105	113 - 115	82 - 84	97 - 99	2 - 3	5 - 7	67 - 69	77 - 79	80 - 82	85 - 86	85 - 86	90 - 92
			Sample Date:	02/15/12	02/16/12	02/16/12	02/15/12	02/15/12	02/20/12	02/20/12	02/20/12	02/21/12	11/21/13	11/21/13	11/21/13	11/21/13
															MW-20 (85-86') Duplicate	
Aroclor 1016	-	-		<82	<79	<78	<81	<89	<75	<77	<88	<86	<88	<88	<88	<87
Aroclor 1221	-	-		<82	<79	<78	<81	<89	<75	<77	<88	<86	<88	<88	<88	<87
Aroclor 1232	-	-		<82	<79	<78	<81	<89	<75	<77	<88	<86	<88	<88	<88	<87
Aroclor 1242	-	-		<82	<79	<78	<81	<89	<75	<77	<88	<86	<88	<88	<88	<87
Aroclor 1248	-	-		<82	<79	<78	<81	<89	**110**	<77	<88	<86	<88	<88	<88	<87
Aroclor 1254	-	-		<82	<79	<78	<81	<89	<75	<77	<88	<86	<88	<88	<88	<87
Aroclor 1260	-	-		<82	<79	<78	<81	<89	<75	<77	<88	<86	<88	<88	<88	<87
PCBs	1,000	3,200		ND	ND	ND	ND	ND	**110**	ND	ND	ND	ND	ND	ND	ND

1	Table 375-6.8(b): Restricted Use Soil Cleanup Objectives.
NYSDEC	New York State Department of Environmental Conservation.
SCO	Soil Cleanup Objective.
ug/kg	Micrograms per kilogram.
PCB	Polychlorinated Biphenyl.
J	Estimated value.
ND	Not detected above laboratory reporting limit.
ft bls	Feet below land surface.
-	Not available.
Bold	Indicates detection above laboratory Method Detection Limit.

Table 14. Concentrations of Polychlorinated Biphenyls in Soil Samples Collected from Soil Borings and Compared to Unrestricted Use SCOs, Former Dangman Park MGP Site, Brooklyn, New York.

Compound (Units in ug/kg)	NYSDEC Subpart 375-6 Unrestricted Use SCO [1] (ug/kg)	Sample ID:	SB-4 (98-100')	SB-5 (78-80')	SB-6 (2-3')	SB-6 (6-8')	SB-6 (43-45')	SB-6 (58-60')	SB-7 (2-3')	SB-7 (6-8')	SB-8 (2-3')	SB-8 (6-8')	SB-9 (2-3')	SB-9 (6-8')	SB-9 (72-73.5')	SB-9 (95.5-97.5')	SB-10 (2-3')	SB-10 (6-8')
		Sample Depth (ft bls):	98 - 100	78 - 80	2 - 3	6 - 8	43 - 45	58 - 60	2 - 3	6 - 8	2 - 3	6 - 8	2 - 3	6 - 8	72 - 73.5	95.5 - 97.5	2 - 3	6 - 8
		Sample Date:	10/15/11	10/13/11	10/17/11	10/17/11	10/17/11	10/17/11	10/18/11	10/18/11	12/08/11	12/09/11	12/07/11	12/07/11	12/08/11	12/08/11	12/12/11	12/13/11
Aroclor 1016	-		<79	<87	<71	<77	<82	<80	<77	<73	<77	<77	<83	<85	<92	<86	<74	<100
Aroclor 1221	-		<79	<87	<71	<77	<82	<80	<77	<73	<77	<77	<83	<85	<92	<86	<74	<100
Aroclor 1232	-		<79	<87	<71	<77	<82	<80	<77	<73	<77	<77	<83	<85	<92	<86	<74	<100
Aroclor 1242	-		<79	<87	<71	<77	<82	<80	<77	<73	<77	<77	<83	<85	<92	<86	<74	<100
Aroclor 1248	-		<79	<87	<71	<77	<82	<80	<77	<73	<77	<77	<83	<85	<92	<86	<74	<100
Aroclor 1254	-		<79	<87	<71	<77	<82	<80	<77	<73	<77	<77	<83	<85	<92	<86	<74	<100
Aroclor 1260	-		<79	<87	<71	<77	<82	<80	<77	<73	<77	<77	<83	<85	<92	<86	<74	<100
PCBs	100		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

1	Table 375-6.8(a): Unrestricted Use Soil Cleanup Objectives.
NYSDEC	New York State Department of Environmental Conservation.
SCO	Soil Cleanup Objective.
ug/kg	Micrograms per kilogram.
PCB	Polychlorinated Biphenyl.
J	Estimated value.
ND	Not detected above laboratory reporting limit.
ft bls	Feet below land surface.
-	Not available.
Bold	Indicates detection above laboratory Method Detection Limit.
	Compound concentration exceeds Unrestricted Use SCO.

Table 14. Concentrations of Polychlorinated Biphenyls in Soil Samples Collected from Soil Borings and Compared to Unrestricted Use SCOs, Former Dangman Park MGP Site, Brooklyn, New York.

Compound (Units in ug/kg)	NYSDEC Subpart 375-6 Unrestricted Use SCO [1] (ug/kg)	Sample ID:	DUP121311	SB-11 (2-3')	SB-11 (6-8')	SB-11 (40.5-42.5')	SB-11 (67-69')	SB-12 (2-3')	SB-12 (6-8')	SB-13 (2-3')	Dup103111	SB-13 (6-8')	SB-13 (50-52')	SB-13 (60-62')	SB-14 (2.5-3.5')	SB-14 (6-8')	SB-16 (2-3')	SB-16 (5-7')
		Sample Depth (ft bls):	6 - 8	2 - 3	6 - 8	40.5 - 42.5	67 - 69	2 - 3	6 - 8	2 - 3	2 - 3	6 - 8	50 - 52	60 - 62	2.5 - 3.5	6 - 8	2 - 3	5 - 7
		Sample Date:	12/13/11	12/06/11	12/06/11	12/06/11	12/07/11	12/13/11	12/13/11	10/31/11	10/31/11	10/31/11	11/01/11	11/2/11	11/02/11	11/02/11	12/14/11	12/14/11
			SB-10 (6-8') Duplicate								SB-13 (2-3') Duplicate							
Aroclor 1016	-		<100	<86	<76	<82	<79	<73	<88	<75	<75	<73	<85	<80	<72	<77	<75	<75
Aroclor 1221	-		<100	<86	<76	<82	<79	<73	<88	<75	<75	<73	<85	<80	<72	<77	<75	<75
Aroclor 1232	-		<100	<86	<76	<82	<79	<73	<88	<75	<75	<73	<85	<80	<72	<77	<75	<75
Aroclor 1242	-		<100	<86	<76	<82	<79	**170**	<88	<75	<75	<73	<85	<80	<72	<77	<75	<75
Aroclor 1248	-		<100	**94**	**280**	<82	<79	<73	<88	<75	<75	<73	<85	<80	<72	<77	<75	<75
Aroclor 1254	-		<100	<86	<76	<82	<79	<73	<88	<75	<75	<73	<85	<80	<72	<77	<75	<75
Aroclor 1260	-		<100	<86	<76	<82	<79	**160**	<88	<75	<75	<73	<85	<80	**26 J**	<77	<75	<75
PCBs	100		ND	**94**	**280**	ND	ND	**330**	ND	ND	ND	ND	ND	ND	**26 J**	ND	ND	ND

1	Table 375-6.8(a): Unrestricted Use Soil Cleanup Objectives.
NYSDEC	New York State Department of Environmental Conservation.
SCO	Soil Cleanup Objective.
ug/kg	Micrograms per kilogram.
PCB	Polychlorinated Biphenyl.
J	Estimated value.
ND	Not detected above laboratory reporting limit.
ft bls	Feet below land surface.
-	Not available.
Bold	Indicates detection above laboratory Method Detection Limit.
	Compound concentration exceeds Unrestricted Use SCO.

Table 14. Concentrations of Polychlorinated Biphenyls in Soil Samples Collected from Soil Borings and Compared to Unrestricted Use SCOs, Former Dangman Park MGP Site, Brooklyn, New York.

Compound (Units in ug/kg)	NYSDEC Subpart 375-6 Unrestricted Use SCO [1] (ug/kg)	Sample ID:	SB-17 (2-3')	SB-17 (5-7')	SB-18 (2-3')	SB-18 (7-9')	SB-18 (20-22')	SB-18 (52-54')	SB-19 (2-3')	SB-19 (10-11')	SB-20 (2-3')	SB-20 (6-8')	DUP030112	SB-21 (2-3')	SB-21 (12-13')	SB-22 (2-3')	SB-22 (5-7')	SB-22 (33-34')
		Sample Depth (ft bls):	2 - 3	5 - 7	2 - 3	7 - 9	20 - 22	52 - 54	2 - 3	10 - 11	2 - 3	6 - 8	6 - 8	2 - 3	12 - 13	2 - 3	5 - 7	33 - 34
		Sample Date:	12/09/11	12/12/11	02/22/12	02/22/12	02/22/12	02/22/12	12/15/11	12/15/11	03/01/12	03/01/12	03/01/12 SB-20 (6-8') Duplicate	12/16/11	12/16/11	12/19/11	01/19/12	01/19/12
Aroclor 1016	-		<81	<75	<70	<92	<76	<79	<73	<82	<72	<81	<79	<73	<75	<69	<78	<83
Aroclor 1221	-		<81	<75	<70	<92	<76	<79	<73	<82	<72	<81	<79	<73	<75	<69	<78	<83
Aroclor 1232	-		<81	<75	<70	<92	<76	<79	<73	<82	<72	<81	<79	<73	<75	<69	<78	<83
Aroclor 1242	-		<81	<75	<70	<92	<76	<79	<73	<82	<72	<81	<79	<73	<75	<69	<78	<83
Aroclor 1248	-		<81	<75	<70	<92	<76	<79	<73	<82	<72	<81	<79	<73	<75	<69	<78	<83
Aroclor 1254	-		<81	<75	<70	<92	<76	<79	<73	<82	<72	<81	<79	<73	<75	<69	<78	<83
Aroclor 1260	-		<81	<75	<70	<92	<76	<79	<73	<82	**25 J**	<81	<79	<73	<75	<69	<78	<83
PCBs	100		ND	ND	ND	ND	ND	ND	ND	ND	**25 J**	ND	ND	ND	ND	ND	ND	ND

1	Table 375-6.8(a): Unrestricted Use Soil Cleanup Objectives.
NYSDEC	New York State Department of Environmental Conservation.
SCO	Soil Cleanup Objective.
ug/kg	Micrograms per kilogram.
PCB	Polychlorinated Biphenyl.
J	Estimated value.
ND	Not detected above laboratory reporting limit.
ft bls	Feet below land surface.
-	Not available.
Bold	Indicates detection above laboratory Method Detection Limit.
	Compound concentration exceeds Unrestricted Use SCO.

Table 14. Concentrations of Polychlorinated Biphenyls in Soil Samples Collected from Soil Borings and Compared to Unrestricted Use SCOs, Former Dangman Park MGP Site, Brooklyn, New York.

Compound (Units in ug/kg)	NYSDEC Subpart 375-6 Unrestricted Use SCO [1] (ug/kg)	Sample ID:	SB-22 (58-60')	SB-23 (5-7')	SB-24 (5-7')	MW-13 (77-79')	MW-13 (90-92')	MW-14 (82-84')	MW-14 (108-110')	MW-17 (7-9')	MW-17 (25-27')	MW-17 (103-105')	MW-17 (113-115')	MW-18 (82-84')	MW-18 (97-99')	MW-19 (2-3')	MW-19 (5-7')	MW-19 (67-69')
		Sample Depth (ft bls):	58 - 60	5 - 7	5 - 7	77 - 79	90 - 92	82 - 84	108 - 110	7 - 9	25 - 27	103 - 105	113 - 115	82 - 84	97 - 99	2 - 3	5 - 7	67 - 69
		Sample Date:	01/19/12	02/28/12	02/29/12	02/23/12	02/24/12	02/13/12	02/14/12	02/15/12	02/15/12	02/16/12	02/16/12	02/15/12	02/15/12	02/20/12	02/20/12	02/20/12
Aroclor 1016	-		<80	<86	<82	<80	<80	<90	<78	<76	<82	<79	<78	<81	<89	<75	<77	<88
Aroclor 1221	-		<80	<86	<82	<80	<80	<90	<78	<76	<82	<79	<78	<81	<89	<75	<77	<88
Aroclor 1232	-		<80	<86	<82	<80	<80	<90	<78	<76	<82	<79	<78	<81	<89	<75	<77	<88
Aroclor 1242	-		<80	<86	<82	<80	<80	<90	<78	<76	<82	<79	<78	<81	<89	<75	<77	<88
Aroclor 1248	-		<80	<86	<82	<80	<80	<90	<78	<76	<82	<79	<78	<81	<89	**110**	<77	<88
Aroclor 1254	-		<80	<86	<82	<80	<80	<90	<78	<76	<82	<79	<78	<81	<89	<75	<77	<88
Aroclor 1260	-		<80	<86	<82	<80	<80	<90	<78	<76	<82	<79	<78	<81	<89	<75	<77	<88
PCBs	100		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**110**	ND	ND

1	Table 375-6.8(a): Unrestricted Use Soil Cleanup Objectives.
NYSDEC	New York State Department of Environmental Conservation.
SCO	Soil Cleanup Objective.
ug/kg	Micrograms per kilogram.
PCB	Polychlorinated Biphenyl.
J	Estimated value.
ND	Not detected above laboratory reporting limit.
ft bls	Feet below land surface.
-	Not available.
Bold	Indicates detection above laboratory Method Detection Limit.
	Compound concentration exceeds Unrestricted Use SCO.

Table 14. Concentrations of Polychlorinated Biphenyls in Soil Samples Collected from Soil Borings and Compared to Unrestricted Use SCOs, Former Dangman Park MGP Site, Brooklyn, New York.

Compound (Units in ug/kg)	NYSDEC Subpart 375-6 Unrestricted Use SCO [1] (ug/kg)	Sample ID:	MW-19 (77-79')	MW-20 (80-82')	MW-20 (85-86')	DUP112113 MW-20 (85-86') Duplicate	MW-20 (90-92')
		Sample Depth (ft bls):	77 - 79	80 - 82	85 - 86	85 - 86	90 - 92
		Sample Date:	02/21/12	11/21/13	11/21/13	11/21/13	11/21/13
Aroclor 1016	-		<86	<88	<88	<88	<87
Aroclor 1221	-		<86	<88	<88	<88	<87
Aroclor 1232	-		<86	<88	<88	<88	<87
Aroclor 1242	-		<86	<88	<88	<88	<87
Aroclor 1248	-		<86	<88	<88	<88	<87
Aroclor 1254	-		<86	<88	<88	<88	<87
Aroclor 1260	-		<86	<88	<88	<88	<87
PCBs	100		ND	ND	ND	ND	ND

1	Table 375-6.8(a): Unrestricted Use Soil Cleanup Objectives.
NYSDEC	New York State Department of Environmental Conservation.
SCO	Soil Cleanup Objective.
ug/kg	Micrograms per kilogram.
PCB	Polychlorinated Biphenyl.
J	Estimated value.
ND	Not detected above laboratory reporting limit.
ft bls	Feet below land surface.
-	Not available.
Bold	Indicates detection above laboratory Method Detection Limit.
	Compound concentration exceeds Unrestricted Use SCO.

Table 15. Concentrations of Pesticides in Soil Samples Collected from Soil Borings and Compared to Restricted Use SCOs, Former Dangman Park MGP Site, Brooklyn, New York.

Compound (Units in ug/kg)	NYSDEC Subpart 375-6 Protection of Public Health Commercial Use SCO [1] (ug/kg)	NYSDEC Subpart 375-6 Protection of Groundwater SCO [1] (ug/kg)	Sample ID: / Sample Depth (ft bls): / Sample Date:	SB-6 (2-3') 2 - 3 10/17/11	SB-7 (2-3') 2 - 3 10/18/11	SB-8 (2-3') 2 - 3 12/08/11	SB-9 (2-3') 2 - 3 12/07/11	SB-10 (2-3') 2 - 3 12/12/11	SB-11 (2-3') 2 - 3 12/06/11	SB-12 (2-3') 2 - 3 12/13/11	SB-13 (2-3') 2 - 3 10/31/11	Dup103111 2 - 3 10/31/11 SB-13 (2-3') Duplicate	SB-14 (2.5-3.5') 2.5 - 3.5 11/02/11
Aldrin	680	190		<180 J	<7.6	<7.7	<8.3	<7.4	<8.6	<7.3	<7.5	<7.5	<7.2
alpha-BHC	3,400	20		<180 J	<7.6	<7.7	<8.3	<7.4	<8.6	<7.3	<7.5	<7.5	<7.2
beta-BHC	3,000	90		<180 J	<7.6	<7.7	<8.3	<7.4	<8.6	<7.3	<7.5	<7.5	<7.2
delta-BHC	500,000	250		<180 J	<7.6	<7.7	<8.3	<7.4	<8.6	**11 J**	<7.5	<7.5	<7.2
gamma-BHC (Lindane)	9,200	100		<180 J	<7.6	<7.7	<8.3	<7.4	<8.6	<7.3	<7.5	<7.5	<7.2
4,4'-DDD	92,000	14,000		<180 J	<7.6	**110**	**32**	**5.3 J**	**23**	**8.8 JN**	**170 JN**	**150**	<7.2
4,4'-DDE	62,000	17,000		<180 J	<7.6	**20**	**6 J**	**26**	**6.3 J**	<7.3	**35**	**34**	<7.2
4,4'-DDT	47,000	136,000		<180 J	<7.6 J	<7.7	<8.3	<7.4 J	<8.6	**26**	**22**	**25**	<7.2
Dieldrin	1,400	100		<180 J	<7.6	<7.7	<8.3	<7.4	<8.6	<7.3	<7.5	<7.5	<7.2
Endosulfan I	200,000*	102,000		<180 J	<7.6	<7.7	<8.3	<7.4 J	<8.6	<7.3	<7.5	<7.5	<7.2
Endosulfan II	200,000*	102,000		<180 J	<7.6	<7.7	<8.3	<7.4	<8.6	<7.3	<7.5	<7.5	<7.2
Endosulfan sulfate	200,000*	1,000,000		<180 J	<7.6	<7.7	<8.3	<7.4	<8.6 J	<7.3	<7.5	<7.5	<7.2
Endrin	89,000	60		**310 JN**	<7.6 J	<7.7	<8.3	<7.4	<8.6	<7.3	<7.5	<7.5	<7.2
Endrin aldehyde	-	-		<180 J	<7.6	<7.7	<8.3	<7.4	<8.6	<7.3	<7.5	<7.5	<7.2
Endrin ketone	-	-		**1,200 J**	<7.6	<7.7	<8.3	<7.4 J	<8.6	<7.3	**25 JN**	**28 JN**	<7.2
Heptachlor	15,000	380		<180 J	<7.6	<7.7	<8.3	<7.4	<8.6	<7.3	<7.5	<7.5	<7.2
Heptachlor epoxide	-	20 [2]		<180 J	<7.6	<7.7	<8.3	<7.4	<8.6	<7.3	<7.5	<7.5	<7.2
Methoxychlor	500,000 [2]	900,000 [2]		**2,900 JN**	<7.6 J	<7.7	**17**	<7.4	<8.6	<7.3	**91 JN**	**83 JN**	<7.2
Toxaphene	-	-		<1,800 J	<76	<77	<83	<74	<86	<73	<75	<75	<72
gamma-Chlordane	-	14,000 [2]		<180 J	<7.6	<7.7	<8.3	<7.4	<8.6	<7.3	**46 JN**	**28 JN**	<7.2
alpha-Chlordane	24,000	2,900		**4,100 J**	<7.6	**7.3 J**	<8.3	<7.4	<8.6	<7.3	**30 JN**	<7.5	<7.2

1	Table 375-6.8(b): Restricted Use Soil Cleanup Objectives.
2	NYSDEC CP-51 / Soil Cleanup Guidance.
NYSDEC	New York State Department of Environmental Conservation.
SCO	Soil Cleanup Objective.
ug/kg	Micrograms per kilogram.
J	Estimated value.
N	The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification.
ft bls	Feet below land surface.
*	This SCO is for the sum of endosulfan I, endosulfan II, and endosulfan sulfate.
-	Not available.
Bold	Indicates detection above laboratory Method Detection Limit.
	Compound concentration exceeds Protection of Public Health Commercial Use SCO.
	Compound concentration exceeds Protection of Groundwater SCO.
	Compound concentration exceeds Protection of Groundwater SCO and Protection of Public Health Commerical Use SCO.

Table 15. Concentrations of Pesticides in Soil Samples Collected from Soil Borings and Compared to Restricted Use SCOs, Former Dangman Park MGP Site, Brooklyn, New York.

Compound (Units in ug/kg)	NYSDEC Subpart 375-6 Protection of Public Health Commercial Use SCO [1] (ug/kg)	NYSDEC Subpart 375-6 Protection of Groundwater SCO [1] (ug/kg)	Sample ID: / Sample Depth (ft bls): / Sample Date:	SB-18 (2-3') 2 - 3 02/22/12	SB-20 (2-3') 2 - 3 03/01/12	MW-19 (2-3') 2 - 3 02/20/12
Aldrin	680	190		<7	<7.2	<7.5
alpha-BHC	3,400	20		<7	<7.2	<7.5
beta-BHC	3,000	90		<7	<7.2	<7.5
delta-BHC	500,000	250		<7	<7.2	<7.5
gamma-BHC (Lindane)	9,200	100		<7	<7.2	**11 J**
4,4'-DDD	92,000	14,000		<7	<7.2	**16 JN**
4,4'-DDE	62,000	17,000		<7	<7.2	<7.5
4,4'-DDT	47,000	136,000		<7	<7.2	<7.5
Dieldrin	1,400	100		<7	<7.2	<7.5
Endosulfan I	200,000*	102,000		<7	<7.2	<7.5
Endosulfan II	200,000*	102,000		<7	<7.2	<7.5
Endosulfan sulfate	200,000*	1,000,000		<7	<7.2	**11 JN**
Endrin	89,000	60		<7	<7.2	<7.5
Endrin aldehyde	-	-		<7	<7.2	<7.5
Endrin ketone	-	-		<7	<7.2	**16**
Heptachlor	15,000	380		<7	<7.2	<7.5
Heptachlor epoxide	-	20 [2]		<7	<7.2	<7.5
Methoxychlor	500,000 [2]	900,000 [2]		<7	<7.2	<7.5
Toxaphene	-	-		<70	<72	<75
gamma-Chlordane	-	14,000 [2]		<7	<7.2	<7.5
alpha-Chlordane	24,000	2,900		<7	<7.2	<7.5

1	Table 375-6.8(b): Restricted Use Soil Cleanup Objectives.
2	NYSDEC CP-51 / Soil Cleanup Guidance.
NYSDEC	New York State Department of Environmental Conservation.
SCO	Soil Cleanup Objective.
ug/kg	Micrograms per kilogram.
J	Estimated value.
N	The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification.
ft bls	Feet below land surface.
*	This SCO is for the sum of endosulfan I, endosulfan II, and endosulfan sulfate.
-	Not available.
Bold	Indicates detection above laboratory Method Detection Limit.
	Compound concentration exceeds Protection of Public Health Commercial Use SCO.
	Compound concentration exceeds Protection of Groundwater SCO.
	Compound concentration exceeds Protection of Groundwater SCO and Protection of Public Health Commerical Use SCO.

Table 16. Concentrations of Pesticides in Soil Samples Collected from Soil Borings and Compared to Unrestricted Use SCOs, Former Dangman Park MGP Site, Brooklyn, New York.

Compound (Units in ug/kg)	NYSDEC Subpart 375-6 Unrestricted Use SCO [1] (ug/kg)	Sample ID: / Sample Depth (ft bls): / Sample Date:	SB-6 (2-3') 2 - 3 10/17/11	SB-7 (2-3') 2 - 3 10/18/11	SB-8 (2-3') 2 - 3 12/08/11	SB-9 (2-3') 2 - 3 12/07/11	SB-10 (2-3') 2 - 3 12/12/11	SB-11 (2-3') 2 - 3 12/06/11	SB-12 (2-3') 2 - 3 12/13/11	SB-13 (2-3') 2 - 3 10/31/11	Dup103111 2 - 3 10/31/11 SB-13 (2-3') Duplicate	SB-14 (2.5-3.5') 2.5 - 3.5 11/02/11	SB-18 (2-3') 2 - 3 02/22/12	SB-20 (2-3') 2 - 3 03/01/12	MW-19 (2-3') 2 - 3 02/20/12
Aldrin	5		<180 J	<7.6	<7.7	<8.3	<7.4	<8.6	<7.3	<7.5	<7.5	<7.2	<7	<7.2	<7.5
alpha-BHC	20		<180 J	<7.6	<7.7	<8.3	<7.4	<8.6	<7.3	<7.5	<7.5	<7.2	<7	<7.2	<7.5
beta-BHC	36		<180 J	<7.6	<7.7	<8.3	<7.4	<8.6	<7.3	<7.5	<7.5	<7.2	<7	<7.2	<7.5
delta-BHC	40		<180 J	<7.6	<7.7	<8.3	<7.4	<8.6	**11 J**	<7.5	<7.5	<7.2	<7	<7.2	<7.5
gamma-BHC (Lindane)	100		<180 J	<7.6	<7.7	<8.3	<7.4	<8.6	<7.3	<7.5	<7.5	<7.2	<7	<7.2	**11 J**
4,4'-DDD	3.3		<180 J	<7.6	**110**	**32**	**5.3 J**	**23**	**8.8 JN**	**170 JN**	**150**	<7.2	<7	<7.2	**16 JN**
4,4'-DDE	3.3		<180 J	<7.6	**20**	**6 J**	**26**	**6.3 J**	<7.3	**35**	**34**	<7.2	<7	<7.2	<7.5
4,4'-DDT	3.3		<180 J	<7.6 J	<7.7	<8.3	<7.4 J	<8.6	**26**	**22**	**25**	<7.2	<7	<7.2	<7.5
Dieldrin	5		<180 J	<7.6	<7.7	<8.3	<7.4	<8.6	<7.3	<7.5	<7.5	<7.2	<7	<7.2	<7.5
Endosulfan I	2,400*		<180 J	<7.6	<7.7	<8.3	<7.4 J	<8.6	<7.3	<7.5	<7.5	<7.2	<7	<7.2	<7.5
Endosulfan II	2,400*		<180 J	<7.6	<7.7	<8.3	<7.4	<8.6	<7.3	<7.5	<7.5	<7.2	<7	<7.2	<7.5
Endosulfan sulfate	2,400*		<180 J	<7.6	<7.7	<8.3	<7.4	<8.6 J	<7.3	<7.5	<7.5	<7.2	<7	<7.2	**11 JN**
Endrin	14		**310 JN**	<7.6 J	<7.7	<8.3	<7.4	<8.6	<7.3	<7.5	<7.5	<7.2	<7	<7.2	<7.5
Endrin aldehyde	-		<180 J	<7.6	<7.7	<8.3	<7.4	<8.6	<7.3	<7.5	<7.5	<7.2	<7	<7.2	<7.5
Endrin ketone	-		**1,200 J**	<7.6	<7.7	<8.3	<7.4 J	<8.6	<7.3	**25 JN**	**28 JN**	<7.2	<7	<7.2	**16**
Heptachlor	42		<180 J	<7.6	<7.7	<8.3	<7.4	<8.6	<7.3	<7.5	<7.5	<7.2	<7	<7.2	<7.5
Heptachlor epoxide	-		<180 J	<7.6	<7.7	<8.3	<7.4	<8.6	<7.3	<7.5	<7.5	<7.2	<7	<7.2	<7.5
Methoxychlor	-		**2,900 JN**	<7.6 J	<7.7	**17**	<7.4	<8.6	<7.3	**91 JN**	**83 JN**	<7.2	<7	<7.2	<7.5
Toxaphene	-		<1,800 J	<76	<77	<83	<74	<86	<73	<75	<75	<72	<70	<72	<75
gamma-Chlordane	-		<180 J	<7.6	<7.7	<8.3	<7.4	<8.6	<7.3	**46 JN**	**28 JN**	<7.2	<7	<7.2	<7.5
alpha-Chlordane	94		**4,100 J**	<7.6	**7.3 J**	<8.3	<7.4	<8.6	<7.3	**30 JN**	<7.5	<7.2	<7	<7.2	<7.5

1 Table 375-6.8(a): Unrestricted Use Soil Cleanup Objectives.

NYSDEC	New York State Department of Environmental Conservation.
SCO	Soil Cleanup Objective.
ug/kg	Micrograms per kilogram.
J	Estimated value.
N	The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification.
ft bls	Feet below land surface.
*	This SCO is for the sum of endosulfan I, endosulfan II, and endosulfan sulfate.
-	Not available.
Bold	Indicates detection above laboratory Method Detection Limit.
	Compound concentration exceeds Unrestricted Use SCO.

Table 17. Concentrations of Volatile Organic Compounds in Quality Assurance/Quality Control Samples, Former Dangman Park MGP Site, Brooklyn, New York.

Compound (Units in ug/L)	Sample ID:	TB101311	EB101311	TB1014-1511	EB101411	TB101711	EB101711	TB101811	EB101811	TB103111	EB103111	TB110111	EB110111	TB110211	EB110211
	Sample Date:	10/13/2011	10/13/2011	10/14/2011	10/14/2011	10/17/2011	10/17/2011	10/18/2011	10/18/2011	10/31/2011	10/31/2011	11/1/2011	11/1/2011	11/2/2011	11/02/11
		Trip Blank	Equipment Blank	Trip Blank	Equipment Blank	Trip Blank	Equipment Blank	Trip Blank	Equipment Blank	Trip Blank	Equipment Blank	Trip Blank	Equipment Blank	Trip Blank	Equipment Blank
Acetone		<10	**9.4 J**	<10	**3.6 J**	<10	**9.2 J**	<10	<10	<10	<10	<10	<10	<10	<10
Dichlorodifluoromethane		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Benzene		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromodichloromethane		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromoform		<1.0	<1.0	<1.0 J	<1.0 J	<1.0 J	<1.0 J	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromomethane		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
2-Butanone		<10	**17**	<10	**2.5 J**	<10	**16**	<10 J	<10 J	<10	**1.5 J**	<10	**1.4 J**	<10	<10
Trichlorofluoromethane		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Carbon Disulfide		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Carbon Tetrachloride		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorobenzene		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2-trichloro-1,2,2-trifluoroethane		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroethane		<1.0 J	<1.0 J	<1.0 J	<1.0 J	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroform		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloromethane		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 J	<1.0 J	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Dibromochloromethane		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethane		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloroethane		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethene		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloropropane		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,3-Dichloropropene		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 J	<1.0 J	<1.0 J	<1.0 J	<1.0 J	<1.0 J
Methyl acetate		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 J	<1.0 J	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
trans-1,3-Dichloropropene		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Ethylbenzene		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
2-Hexanone		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0 J	<5.0 J	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Methylene Chloride		**2.5**	**1.1**	**3.0**	**0.77 J**	**2.8**	**0.98 J**	**2.3**	**1.9**	**2.3**	**0.53 J**	**2.3**	<1.0	**2.3**	<1.0
4-Methyl-2-pentanone		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0 J	<5.0 J	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Styrene		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Tetrachloroethene		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Toluene		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,1-Trichloroethane		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2-Trichloroethane		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Trichloroethene		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Vinyl Chloride		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Xylenes (total)		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
cis-1,2-Dichloroethene		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Cyclohexane		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
trans-1,2-Dichloroethene		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Isopropylbenzene		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,3-Dichlorobenzene		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,4-Dichlorobenzene		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichlorobenzene		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dibromo-3-chloropropane		<1.0	<1.0	<1.0	<1.0	<1.0 J	<1.0 J	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2,4-Trichlorobenzene		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dibromoethane		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Methyl tert-butyl ether		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Methylcyclohexane		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,4-Dioxane		R	R	R	R	R	R	R	R	R	R	R	R	R	R
n-Butylbenzene		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
n-Propylbenzene		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
sec-Butylbenzene		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
tert-Butylbenzene		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2,4-Trimethylbenzene		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,3,5-Trimethylbenzene		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Bold	Indicates detection above laboratory MDL.
MDL	Method Detection Limit.
ug/L	Micrograms per liter.
J	Estimated value.
R	Result rejected.

Table 17. Concentrations of Volatile Organic Compounds in Quality Assurance/Quality Control Samples, Former Dangman Park MGP Site, Brooklyn, New York.

Compound (Units in ug/L)	Sample ID:	TB120611	EB120611	TB120711	EB120711	TB120811	EB120811	TB120911	EB120911	TB121211	EB121211	TB121311	EB121311	TB121411	EB121411
	Sample Date:	12/06/11	12/06/11	12/07/11	12/07/11	12/08/11	12/08/11	12/09/11	12/09/11	12/12/11	12/12/11	12/13/11	12/13/11	12/14/11	12/14/11
		Trip Blank	Equipment Blank	Trip Blank	Equipment Blank	Trip Blank	Equipment Blank	Trip Blank	Equipment Blank	Trip Blank	Equipment Blank	Trip Blank	Equipment Blank	Trip Blank	Equipment Blank
Acetone		<10	<10	<10	**3.9 J**	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Dichlorodifluoromethane		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Benzene		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromodichloromethane		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromoform		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromomethane		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
2-Butanone		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Trichlorofluoromethane		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Carbon Disulfide		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Carbon Tetrachloride		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorobenzene		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2-trichloro-1,2,2-trifluoroethane		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroethane		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroform		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**0.23 J**	<1.0	<1.0	<1.0
Chloromethane		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Dibromochloromethane		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethane		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloroethane		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethene		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloropropane		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,3-Dichloropropene		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Methyl acetate		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
trans-1,3-Dichloropropene		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Ethylbenzene		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
2-Hexanone		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Methylene Chloride		**2.7**	**1.4**	**2.8**	**1.4**	**2.4**	**0.95 J**	**2.6**	**0.81 J**	**3.1**	**1.0**	**2.8**	**0.72 J**	**3.1**	**3.4**
4-Methyl-2-pentanone		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Styrene		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Tetrachloroethene		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Toluene		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,1-Trichloroethane		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2-Trichloroethane		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Trichloroethene		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Vinyl Chloride		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Xylenes (total)		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
cis-1,2-Dichloroethene		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Cyclohexane		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
trans-1,2-Dichloroethene		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Isopropylbenzene		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,3-Dichlorobenzene		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,4-Dichlorobenzene		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichlorobenzene		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dibromo-3-chloropropane		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 J	<1.0 J
1,2,4-Trichlorobenzene		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 J	<1.0 J	<1.0 J	<1.0 J	<1.0	<1.0
1,2-Dibromoethane		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Methyl tert-butyl ether		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Methylcyclohexane		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,4-Dioxane		R	R	R	R	R	R	R	R	R	R	R	R	R	R
n-Butylbenzene		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
n-Propylbenzene		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
sec-Butylbenzene		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
tert-Butylbenzene		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2,4-Trimethylbenzene		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,3,5-Trimethylbenzene		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Bold	Indicates detection above laboratory MDL.
MDL	Method Detection Limit.
ug/L	Micrograms per liter.
J	Estimated value.
R	Result rejected.

Table 17. Concentrations of Volatile Organic Compounds in Quality Assurance/Quality Control Samples, Former Dangman Park MGP Site, Brooklyn, New York.

Compound (Units in ug/L)	Sample ID:	TB121511	EB121511	TB121611	EB121611	TB121911	EB121911	TB010912	EB010912	TB011012	EB011012	TB011112	EB011112	TB011212	EB011212
	Sample Date:	12/15/11	12/15/11	12/16/11	12/16/11	12/19/11	12/19/11	01/09/12	01/09/12	01/10/12	01/10/12	01/11/12	01/11/12	01/12/12	01/12/12
		Trip Blank	Equipment Blank	Trip Blank	Equipment Blank	Trip Blank	Equipment Blank	Trip Blank	Equipment Blank	Trip Blank	Equipment Blank	Trip Blank	Equipment Blank	Trip Blank	Equipment Blank
Acetone		<10	<10	<10	<10	<10	<10	<2.5	<2.5	<10	<10	<10	<10	<10	<10
Dichlorodifluoromethane		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.29 J	<0.29 J	<5.0 J	<5.0 J	<5.0 J	<5.0 J	<5.0	<5.0
Benzene		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.13	<0.13	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromodichloromethane		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.093	<0.093	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromoform		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<5.0 J	<5.0 J	<5.0	<5.0	<5.0	<5.0
Bromomethane		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.31 J	<0.31 J	<5.0 J	<5.0 J	<5.0	<5.0	<5.0	<5.0
2-Butanone		<10	<10	<10	<10	<10	<10	<0.82 J	<0.82 J	<10	<10	<10	<10	<10	<10
Trichlorofluoromethane		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.16	<0.16	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Carbon Disulfide		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.15	<0.15	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Carbon Tetrachloride		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.19	<0.19	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chlorobenzene		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.16	<0.16	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2-trichloro-1,2,2-trifluoroethane		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.28	<0.28	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloroethane		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.45 J	<0.45 J	<5.0 J	<5.0	<5.0	<5.0	<5.0	<5.0
Chloroform		**0.23 J**	<1.0	**0.18 J**	<1.0	<1.0	<1.0	**0.18 J**	**0.25 J**	**0.19 J**	<5.0	<5.0	<5.0	<5.0	<5.0
Chloromethane		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.21	<0.21	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Dibromochloromethane		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.11	<0.11	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethane		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichloroethane		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.24	<0.24	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethene		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.14	<0.14	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichloropropane		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.090	<0.090	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
cis-1,3-Dichloropropene		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.11	<0.11	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Methyl acetate		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.33	<0.33	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
trans-1,3-Dichloropropene		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.12	<0.12	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Ethylbenzene		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.25	<0.25	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2-Hexanone		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.55	<0.55	<10	<10	<10	<10	<10	<10
Methylene Chloride		**3.4**	<1.0	**3.1**	<1.0	**2.9**	**1.7**	**2.0 J**	**2.3 J**	**1.8 J**	**1.8 J**	**2.0 J**	**2.1 J**	**2.1 J**	**1.8 J**
4-Methyl-2-pentanone		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.68	<0.68	<10	<10	<10	<10	<10	<10
Styrene		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.13	<0.13	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2,2-Tetrachloroethane		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.090	<0.090	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Tetrachloroethene		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.20	<0.20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Toluene		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.090	<0.090	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,1-Trichloroethane		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.25	<0.25	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2-Trichloroethane		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Trichloroethene		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.18	<0.18	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Vinyl Chloride		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.13	<0.13	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Xylenes (total)		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<0.43	<0.43	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
cis-1,2-Dichloroethene		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.20	<0.20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Cyclohexane		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.13	<0.13	<5.0	<5.0	<5.0 J	<5.0 J	<5.0	<5.0
trans-1,2-Dichloroethene		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.14	<0.14	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Isopropylbenzene		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.21	<0.21	<5.0	<5.0	<5.0 J	<5.0 J	<5.0	<5.0
1,3-Dichlorobenzene		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.22	<0.22	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,4-Dichlorobenzene		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.15	<0.15	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichlorobenzene		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.16	<0.16	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dibromo-3-chloropropane		<1.0 J	<1.0 J	<1.0 J	<1.0 J	<1.0	<1.0	<0.15	<0.15	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,4-Trichlorobenzene		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.44	<0.44	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dibromoethane		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.090	<0.090	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Methyl tert-butyl ether		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.18	<0.18	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Methylcyclohexane		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.090	<0.090	<5.0	<5.0	<5.0 J	<5.0 J	<5.0	<5.0
1,4-Dioxane		R	R	R	R	R	R	R	R	R	R	R	R	R	R
n-Butylbenzene		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.30	<0.30	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
n-Propylbenzene		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.18	<0.18	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
sec-Butylbenzene		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.20	<0.20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
tert-Butylbenzene		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.18	<0.18	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,4-Trimethylbenzene		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.20	<0.20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,3,5-Trimethylbenzene		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.19	<0.19	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0

Bold	Indicates detection above laboratory MDL.
MDL	Method Detection Limit.
ug/L	Micrograms per liter.
J	Estimated value.
R	Result rejected.

Table 17. Concentrations of Volatile Organic Compounds in Quality Assurance/Quality Control Samples, Former Dangman Park MGP Site, Brooklyn, New York.

Compound (Units in ug/L)	Sample ID:	TB011312	EB011312	TB011912	EB011912	TB021312	EB021312	TB021412	EB021412	TB021512	EB021512	TB021612	EB021612	TB022012	EB022012
	Sample Date:	01/13/12	01/13/12	01/19/12	01/19/12	02/13/12	02/13/12	02/14/12	02/14/12	02/15/12	02/15/12	02/16/12	02/16/12	02/20/12	02/20/12
		Trip Blank	Equipment Blank	Trip Blank	Equipment Blank	Trip Blank	Equipment Blank	Trip Blank	Equipment Blank	Trip Blank	Equipment Blank	Trip Blank	Equipment Blank	Trip Blank	Equipment Blank
Acetone		<10	<10	<10	**9.5 J**	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Dichlorodifluoromethane		<5.0 J	<5.0 J	<5.0	<5.0	<5.0	<5.0 J	<5.0	<5.0 J	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Benzene		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromodichloromethane		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromoform		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0 J	<5.0 J
Bromomethane		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2-Butanone		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Trichlorofluoromethane		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Carbon Disulfide		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0 J	<5.0	<5.0 J	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Carbon Tetrachloride		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0 J	<5.0	<5.0 J	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chlorobenzene		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2-trichloro-1,2,2-trifluoroethane		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0 J	<5.0	<5.0 J	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloroethane		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloroform		<5.0	<5.0	<5.0	**0.27 J**	**0.089 J**	**0.22 J**	**0.19 J**	<5.0	**0.12 J**	**0.17 J**	**0.15 J**	**0.17 J**	**0.17 J**	**0.24 J**
Chloromethane		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Dibromochloromethane		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethane		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichloroethane		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethene		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichloropropane		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
cis-1,3-Dichloropropene		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Methyl acetate		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
trans-1,3-Dichloropropene		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Ethylbenzene		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2-Hexanone		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Methylene Chloride		**2.1 J**	**1.2 J**	**1.3 J**	**1.8 J**	**1.2 J**	**3.1 J**	**2.3 J**	**1.6 J**	**1.2 J**	**2.0 J**	**1.5 J**	**2.2 J**	**1.7 J**	**3.5 J**
4-Methyl-2-pentanone		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Styrene		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2,2-Tetrachloroethane		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Tetrachloroethene		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Toluene		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,1-Trichloroethane		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0 J	<5.0	<5.0 J	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2-Trichloroethane		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Trichloroethene		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Vinyl Chloride		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Xylenes (total)		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
cis-1,2-Dichloroethene		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Cyclohexane		<5.0 J	<5.0 J	<5.0	<5.0	<5.0	<5.0 J	<5.0	<5.0 J	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
trans-1,2-Dichloroethene		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Isopropylbenzene		<5.0 J	<5.0 J	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,3-Dichlorobenzene		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,4-Dichlorobenzene		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichlorobenzene		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dibromo-3-chloropropane		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,4-Trichlorobenzene		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dibromoethane		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Methyl tert-butyl ether		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Methylcyclohexane		<5.0 J	<5.0 J	<5.0	<5.0	<5.0	<5.0 J	<5.0	<5.0 J	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,4-Dioxane		R	R	R	R	R	R	R	R	R	R	R	R	R	R
n-Butylbenzene		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
n-Propylbenzene		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
sec-Butylbenzene		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
tert-Butylbenzene		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,4-Trimethylbenzene		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,3,5-Trimethylbenzene		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0

Bold	Indicates detection above laboratory MDL.
MDL	Method Detection Limit.
ug/L	Micrograms per liter.
J	Estimated value.
R	Result rejected.

Table 17. Concentrations of Volatile Organic Compounds in Quality Assurance/Quality Control Samples, Former Dangman Park MGP Site, Brooklyn, New York.

Compound (Units in ug/L)	Sample ID:	TB022112	EB022112	TB022212	EB022212	TB0223-2412	EB022412	TB022812	EB022812	TB022912	EB022912	TB030112	EB030112	TB032112	EB032112
	Sample Date:	02/21/12	02/21/12	02/22/12	02/22/12	02/23/12	02/24/12	02/28/12	02/28/12	02/29/12	02/29/12	03/01/12	03/01/12	03/21/12	03/21/12
		Trip Blank	Equipment Blank	Trip Blank	Equipment Blank	Trip Blank	Equipment Blank	Trip Blank	Equipment Blank	Trip Blank	Equipment Blank	Trip Blank	Equipment Blank	Trip Blank	Equipment Blank
Acetone		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Dichlorodifluoromethane		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Benzene		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromodichloromethane		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromoform		<5.0 J	<5.0 J	<5.0 J	<5.0 J	<5.0 J	<5.0 J	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromomethane		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2-Butanone		<10	**5.8 J**	<10	**2.7 J**	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Trichlorofluoromethane		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Carbon Disulfide		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0 J	<5.0 J
Carbon Tetrachloride		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chlorobenzene		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2-trichloro-1,2,2-trifluoroethane		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloroethane		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloroform		**0.23 J**	<5.0	**0.19 J**	<5.0	**0.21 J**	<5.0	**0.16 J**	<5.0	**0.26 J**	<5.0	**0.21 J**	<5.0	<5.0	<5.0
Chloromethane		<5.0	<5.0	<5.0 J	<5.0 J	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Dibromochloromethane		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethane		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichloroethane		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethene		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichloropropane		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
cis-1,3-Dichloropropene		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Methyl acetate		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
trans-1,3-Dichloropropene		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Ethylbenzene		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2-Hexanone		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Methylene Chloride		**1.7 J**	**0.91 J**	**1.6 J**	**0.63 J**	**1.9 J**	**0.43 J**	**1.8 J**	**1.6 J**	**2.3 J**	**1.7 J**	**2.0 J**	**1.4 J**	**1.3 J**	**0.53 J**
4-Methyl-2-pentanone		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Styrene		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2,2-Tetrachloroethane		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Tetrachloroethene		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Toluene		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,1-Trichloroethane		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2-Trichloroethane		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Trichloroethene		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Vinyl Chloride		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Xylenes (total)		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
cis-1,2-Dichloroethene		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Cyclohexane		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0 J	<5.0 J
trans-1,2-Dichloroethene		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Isopropylbenzene		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,3-Dichlorobenzene		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,4-Dichlorobenzene		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichlorobenzene		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dibromo-3-chloropropane		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,4-Trichlorobenzene		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dibromoethane		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Methyl tert-butyl ether		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Methylcyclohexane		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,4-Dioxane		R	R	R	R	R	R	R	R	R	R	R	R	R	R
n-Butylbenzene		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
n-Propylbenzene		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
sec-Butylbenzene		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
tert-Butylbenzene		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0 J	<5.0 J
1,2,4-Trimethylbenzene		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,3,5-Trimethylbenzene		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0

Bold	Indicates detection above laboratory MDL.
MDL	Method Detection Limit.
ug/L	Micrograms per liter.
J	Estimated value.
R	Result rejected.

Table 17. Concentrations of Volatile Organic Compounds in Quality Assurance/Quality Control Samples, Former Dangman Park MGP Site, Brooklyn, New York.

Compound (Units in ug/L)	Sample ID:	TB032212	EB032212	TB032312	EB032312	TB032612	EB032612	TB032712	EB032712	TB032812	EB032812	EB112113	TB112113	EB121013	TB121013
	Sample Date:	03/22/12	03/22/12	03/23/12	03/23/12	03/26/12	03/26/12	03/27/12	03/27/12	03/28/12	03/28/12	11/21/13	11/21/13	12/10/13	12/10/13
		Trip Blank	Equipment Blank	Trip Blank	Equipment Blank	Trip Blank	Equipment Blank	Trip Blank	Equipment Blank	Trip Blank	Equipment Blank	Equipment Blank	Trip Blank	Equipment Blank	Trip Blank
Acetone		<10 J	<10 J	<10 J	<10 J	<10	<10	<10	<10	<10	<10	<10	<10	**17**	<10
Dichlorodifluoromethane		<5.0 J	<5.0 J	<5.0 J	<5.0 J	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Benzene		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromodichloromethane		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**0.49 J**	<5.0	**0.15 J**	<5.0
Bromoform		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromomethane		<5.0 J	<5.0 J	<5.0 J	<5.0 J	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2-Butanone		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	**6.7 J**	<10
Trichlorofluoromethane		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Carbon Disulfide		<5.0 J	<5.0 J	<5.0 J	<5.0 J	<5.0	<5.0	<5.0	<5.0	<5.0 J	<5.0	<5.0	<5.0	<5.0	<5.0
Carbon Tetrachloride		<5.0	<5.0	<5.0	<5.0	<5.0 J	<5.0 J	<5.0 J	<5.0 J	<5.0	<5.0 J	<5.0	<5.0	<5.0	<5.0
Chlorobenzene		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2-trichloro-1,2,2-trifluoroethane		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0 J	<5.0 J	<5.0	<5.0
Chloroethane		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloroform		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**2.1 J**	<5.0	**0.63 J**	<5.0
Chloromethane		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Dibromochloromethane		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethane		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichloroethane		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethene		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichloropropane		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
cis-1,3-Dichloropropene		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Methyl acetate		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
trans-1,3-Dichloropropene		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Ethylbenzene		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2-Hexanone		<10 J	<10 J	<10 J	<10 J	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Methylene Chloride		**3.3 J**	**0.31 J**	**4.0 J**	<5.0	**2.1 J**	<5.0	**1.8 J**	<5.0	**1.6 J**	<5.0	**0.79 J**	<5.0	**2.3 J**	<5.0
4-Methyl-2-pentanone		<10 J	<10 J	<10 J	<10 J	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Styrene		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2,2-Tetrachloroethane		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Tetrachloroethene		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Toluene		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,1-Trichloroethane		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2-Trichloroethane		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Trichloroethene		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Vinyl Chloride		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Xylenes (total)		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
cis-1,2-Dichloroethene		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Cyclohexane		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
trans-1,2-Dichloroethene		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Isopropylbenzene		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0 J	<5.0 J	<5.0 J	<5.0 J
1,3-Dichlorobenzene		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,4-Dichlorobenzene		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichlorobenzene		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dibromo-3-chloropropane		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,4-Trichlorobenzene		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dibromoethane		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Methyl tert-butyl ether		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Methylcyclohexane		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,4-Dioxane		R	R	R	R	R	R	R	R	R	R	<50	<50	<50	<50
n-Butylbenzene		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
n-Propylbenzene		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
sec-Butylbenzene		<5.0	<5.0	<5.0	<5.0	<5.0 J	<5.0 J	<5.0 J	<5.0 J	<5.0 J	<5.0 J	<5.0 J	<5.0 J	<5.0 J	<5.0 J
tert-Butylbenzene		<5.0	<5.0	<5.0	<5.0	<5.0 J	<5.0 J	<5.0 J	<5.0 J	<5.0 J	<5.0 J	<5.0 J	<5.0 J	<5.0 J	<5.0 J
1,2,4-Trimethylbenzene		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,3,5-Trimethylbenzene		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0

Bold	Indicates detection above laboratory MDL.
MDL	Method Detection Limit.
ug/L	Micrograms per liter.
J	Estimated value.
R	Result rejected.

Table 18. Concentrations of Semi-Volatile Organic Compounds in Quality Assurance/Quality Control Samples, Former Dangman Park MGP Site, Brooklyn, New York.

Compound (Units in ug/L)	Sample ID:	EB101311	EB101411	EB101711	EB101811	EB103111	EB110111	EB110211	EB120611	EB120711	EB120811	EB120911	EB121211	EB121311	EB121411	EB121511
	Sample Date:	10/13/2011	10/14/2011	10/17/2011	10/18/11	10/31/11	11/01/11	11/02/11	12/06/11	12/07/11	12/08/11	12/09/11	12/12/11	12/13/11	12/14/11	12/15/11
		Equipment Blank	Equipment Blank	Equipment Blank	Equipment Blank	Equipment Blank	Equipment Blank	Equipment Blank	Equipment Blank	Equipment Blank	Equipment Blank	Equipment Blank	Equipment Blank	Equipment Blank	Equipment Blank	Equipment Blank
Phenol		<10	<10	<11	<12	<10	<10	<11	<10	<10	<10	<10	<10	<10	<10	<10
Bis(2-chloroethyl)ether		<1.0	<1.0	<1.1	<1.2	<1.0	<1.0	<1.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
2-Chlorophenol		<10	<10	<11	<12	<10	<10	<11	<10	<10	<10	<10	<10	<10	<10	<10
Benzaldehyde		<10 J	<10 J	<11 J	<12 J	<10 J	<10 J	<11 J	<10 J	<10 J	<10 J	<10 J	<10 J	<10 J	<10 J	<10 J
2,2'-oxybis[1-chloropropane]		<10	<10	<11	<12	<10	<10	<11	<10	<10	<10	<10	<10	<10	<10	<10
2-Methylphenol		<10	<10	<11	<12	<10	<10	<11	<10	<10	<10	<10	<10	<10	<10	<10
Hexachloroethane		<1.0	<1.0	**0.30 J**	<1.2	<1.0	<1.0	<1.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
N-Nitrosodi-n-propylamine		<1.0	<1.0	<1.1	<1.2	<1.0	<1.0	<1.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
4-Methylphenol		<10	<10	<11	<12	<10	<10	<11	<10	<10	<10	<10	<10	<10	<10	<10
Nitrobenzene		<1.0	<1.0	<1.1	<1.2	<1.0	<1.0	<1.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Isophorone		<10	<10	<11	<12	<10	<10	<11	<10	<10	<10	<10	<10	<10	<10	<10
2-Nitrophenol		<10	<10	<11	<12	<10	<10	<11	<10	<10	<10	<10	<10	<10	<10	<10
Acetophenone		<10	<10	<11	<12	<10	<10	<11	<10 J	<10	<10	<10	<10 J	<10 J	<10	<10
2,4-Dimethylphenol		<10	<10	<11	<12	<10	<10	<11	<10	<10	<10	<10	<10	<10	<10	<10
Bis(2-chloroethoxy)methane		<10	<10	<11	<12	<10	<10	<11	<10	<10	<10	<10	<10	<10	<10	<10
2,4-Dichlorophenol		<10	<10	<11	<12	<10	<10	<11	<10	<10	<10	<10	<10	<10	<10	<10
Naphthalene		<10	<10	<11	<12	<10	<10	<11	<10	<10	<10	<10	<10	<10	<10	<10
4-Chloroaniline		<10	<10	<11	<12	<10	<10	<11	<10	<10	<10	<10	<10	<10	<10	<10
Hexachlorobutadiene		<2.0	<2.1	<2.2	<2.5	<2.0	<2.0	<2.2	<2.0	<2.1	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
4-Chloro-3-methylphenol		<10	<10	<11	<12	<10	<10	<11	<10	<10	<10	<10	<10	<10	<10	<10
2-Methylnaphthalene		<10	<10	<11	<12	<10	<10	<11	<10	<10	<10	<10	<10	<10	<10	<10
Hexachlorocyclopentadiene		<10	<10	<11	<12	<10	<10	<11	<10	<10	<10	<10	<10	<10	<10	<10
2,4,6-Trichlorophenol		<10	<10	<11	<12	<10	<10	<11	<10	<10	<10	<10	<10	<10	<10	<10
2,4,5-Trichlorophenol		<10	<10	<11	<12	<10	<10	<11	<10	<10	<10	<10	<10	<10	<10	<10
2-Chloronaphthalene		<10	<10	<11	<12	<10	<10	<11	<10	<10	<10	<10	<10	<10	<10	<10
2-Nitroaniline		<20	<21	<22	<25	<20	<20	<22	<20	<21	<20	<20	<20	<20	<20	<20
Acenaphthylene		<10	<10	<11	<12	<10	<10	<11	<10	<10	<10	<10	<10	<10	<10	<10
Caprolactam		<10	<10	<11	<12	<10	<10	<11	<10	<10	<10	<10	<10	<10	<10	<10
Dimethyl phthalate		<10	<10	<11	<12	<10	<10	<11	<10	<10	<10	<10	<10	<10	<10	<10
2,6-Dinitrotoluene		<2.0	<2.1	<2.2	<2.5	<2.0	<2.0	<2.2	<2.0	<2.1	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Acenaphthene		<10	<10	<11	<12	<10	<10	<11	<10	<10	<10	<10	<10	<10	<10	<10
3-Nitroaniline		<20	<21	<22	<25	<20	<20	<22	<20	<21	<20	<20	<20	<20	<20	<20
2,4-Dinitrophenol		<31	<31	<32	<37	<31	<31	<33	<31	<31	<31	<31 J	<30 J	<30	<31	<31
Dibenzofuran		<10	<10	<11	<12	<10	<10	<11	<10	<10	<10	<10	<10	<10	<10	<10
2,4-Dinitrotoluene		<2.0	<2.1	<2.2	<2.5	<2.0	<2.0	<2.2	<2.0	<2.1	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
4-Nitrophenol		<31	<31	<32	<37	<31	<31	<33	<31	<31	<31	<31	<30 J	<30	<31	<31
Fluorene		<10	<10	<11	<12	<10	<10	<11	<10	<10	<10	<10	<10	<10	<10	<10
1,1'-Biphenyl		<10	<10	<11	<12	<10	<10	<11	<10	<10	<10	<10	<10 J	<10 J	<10	<10
4-Chlorophenyl phenyl ether		<10	<10	<11	<12	<10	<10	<11	<10	<10	<10	<10	<10	<10	<10	<10
Diethyl phthalate		<10	<10	<11	<12	<10	<10	<11	<10	<10	<10	<10	<10	<10	<10	<10
4-Nitroaniline		<20	<21	<22	<25 J	<20	<20	<22	<20	<21	<20	<20	<20	<20	<20	<20
4,6-Dinitro-2-methylphenol		<31	<31	<32	<37	<31	<31	<33	<31	<31	<31	<31	<30	<30	<31	<31
N-Nitrosodiphenylamine		<10	<10	<11	<12	<10	<10	<11	<10	<10	<10	<10	<10	<10	<10	<10
4-Bromophenyl phenyl ether		<10	<10	<11	<12	<10	<10	<11	<10	<10	<10	<10	<10	<10	<10	<10
Hexachlorobenzene		<1.0	<1.0	<1.1	<1.2	<1.0	<1.0	<1.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Pentachlorophenol		<31	<31	<32	<37	<31	<31	<33	<31	<31	<31	<31	<30	<30	<31	<31
Phenanthrene		<10	<10	<11	<12	<10	<10	<11	<10	<10	<10	<10	<10	<10	<10	<10
Carbazole		<10	<10	<11	<12	<10	<10	<11	<10	<10	<10	<10	<10	<10	<10	<10
Anthracene		<10	<10	<11	<12	<10	<10	<11	<10	<10	<10	<10	<10	<10	<10	<10
Di-n-butyl phthalate		<10	<10	<11	<12	<10	<10	<11	<10	<10	<10	<10	<10	<10	<10	<10
Fluoranthene		<10	<10	<11	<12	<10	<10	<11	<10	<10	<10	<10	<10	<10	<10	<10
Pyrene		<10	<10	<11	<12	<10	<10	<11	<10	<10	<10	<10	<10	<10	<10	<10
Butyl benzyl phthalate		<10	<10	<11	<12	<10	<10	<11	<10	<10	<10	<10	<10	<10	<10	<10
3,3'-Dichlorobenzidine		<20	<21	<22	<25	<20	<20	<22	<20	<21	<20	<20	<20	<20	<20	<20
Benzo[a]anthracene		<1.0	<1.0	<1.1	<1.2	<1.0	<1.0	<1.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chrysene		<10	<10	<11	<12	<10	<10	<11	<10	<10	<10	<10	<10	<10	<10	<10
Bis(2-ethylhexyl) phthalate		<10	<10	<11	<12	<10	<10	<11	<10	<10	<10	**2.8 J**	<10	<10	<10	<10
Di-n-octyl phthalate		<10	<10	<11	<12	<10	<10	<11	<10	<10	<10	<10	<10	<10	<10	<10
Benzo[b]fluoranthene		<1.0	<1.0	<1.1	<1.2	<1.0	<1.0	<1.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Atrazine		<10	<10	<11	<12	<10	<10	<11	<10	<10	<10	<10	<10 J	<10	<10	<10
Benzo[k]fluoranthene		<1.0	<1.0	<1.1	<1.2	<1.0	<1.0	<1.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Benzo[a]pyrene		<1.0	<1.0	<1.1	<1.2	<1.0	<1.0	<1.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Indeno[1,2,3-cd]pyrene		<1.0	<1.0	<1.1	<1.2	<1.0	<1.0	<1.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Dibenz(a,h)anthracene		<1.0	<1.0	<1.1	<1.2	<1.0	<1.0	<1.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Benzo[g,h,i]perylene		<10	<10	<11	<12	<10	<10	<11	<10	<10	<10	<10	<10	<10	<10	<10

Bold	Indicates detection above laboratory MDL.
MDL	Method Detection Limit.
ug/L	Micrograms per liter.
J	Estimated value.
R	Result rejected.

Table 18. Concentrations of Semi-Volatile Organic Compounds in Quality Assurance/Quality Control Samples, Former Dangman Park MGP Site, Brooklyn, New York.

Compound (Units in ug/L)	Sample ID: / Sample Date:	EB121611 12/16/11 Equipment Blank	EB121911 12/19/11 Equipment Blank	EB010912 01/09/12 Equipment Blank	EB011012 01/10/12 Equipment Blank	EB011112 01/11/12 Equipment Blank	EB011212 01/12/12 Equipment Blank	EB011312 01/13/12 Equipment Blank	EB011912 01/19/12 Equipment Blank	EB021312 02/13/12 Equipment Blank	EB021412 02/14/12 Equipment Blank	EB021512 02/15/12 Equipment Blank	EB021612 02/16/12 Equipment Blank	EB022012 02/20/12 Equipment Blank	EB022112 02/21/12 Equipment Blank	EB022212 02/22/12 Equipment Blank
Phenol		<10	<10	<10	<10	<11	<10	<11	<10	<10	<10	<10	<10	<11	<10	<10
Bis(2-chloroethyl)ether		<1.0	<1.0	<1.0	<1.0	<1.1	<1.0	<1.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.1	<1.0	<1.0
2-Chlorophenol		<10	<10	<10	<10	<11	<10	<11	<10	<10	<10	<10	<10	<11	<10	<10
Benzaldehyde		<10 J	<10 J	R	R	R	R	<11 J	R	<10 J	<10 J	<10 J	<10 J	<11 J	<10 J	<10 J
2,2'-oxybis[1-chloropropane]		<10	<10	<10	<10	<11	<10	<11	<10	<10	<10	<10	<10	<11	<10	<10
2-Methylphenol		<10	<10	<10	<10	<11	<10	<11	<10	<10	<10	<10	<10	<11	<10	<10
Hexachloroethane		<1.0	<1.0	<1.0	<1.0	<1.1	<1.0	<1.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.1	<1.0	<1.0
N-Nitrosodi-n-propylamine		<1.0	<1.0	<1.0 J	<1.0	<1.1	<1.0	<1.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.1	<1.0	<1.0
4-Methylphenol		<10	<10	<10	<10	<11	<10	<11	<10	<10	<10	<10	<10	<11	<10	<10
Nitrobenzene		<1.0	<1.0	<1.0	<1.0	<1.1	<1.0	<1.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.1	<1.0	<1.0
Isophorone		<10	<10	<10	<10	<11	<10	<11	<10	<10	<10	<10	<10	<11	<10	<10
2-Nitrophenol		<10	<10	<10	<10	<11	<10	<11	<10	<10	<10	<10	<10	<11	<10	<10
Acetophenone		<10	<10	<10	<10	<11	<10	<11	<10	<10	<10	<10	<10	<11	<10	<10
2,4-Dimethylphenol		<10	<10	<10	<10	<11	<10	<11	<10	<10	<10	<10	<10	<11	<10	<10
Bis(2-chloroethoxy)methane		<10	<10	<10	<10	<11	<10	<11	<10	<10	<10	<10	<10	<11	<10	<10
2,4-Dichlorophenol		<10	<10	<10	<10	<11	<10	<11	<10	<10	<10	<10	<10	<11	<10	<10
Naphthalene		<10	<10	<10	<10	<11	<10	<11	<10	<10	<10	<10	<10	<11	<10	<10
4-Chloroaniline		<10	<10	<10	<10	<11	<10	<11	<10	<10	<10	<10	<10	<11	<10	<10
Hexachlorobutadiene		<2.0	<2.0	<2.0	<2.0	<2.2	<2.0	<2.2	<2.0	<2.0	<2.0	<2.0	<2.0	<2.1	<2.0	<2.0
4-Chloro-3-methylphenol		<10	<10	<10	<10	<11	<10	<11	<10	<10	<10	<10	<10	<11	<10	<10
2-Methylnaphthalene		<10	<10	<10	<10	<11	<10	<11	<10	<10	<10	<10	<10	<11	<10	<10
Hexachlorocyclopentadiene		<10	<10	<10	<10	<11	<10	<11	<10	<10	<10	<10	<10	<11	<10	<10
2,4,6-Trichlorophenol		<10	<10	<10	<10	<11	<10	<11	<10	<10	<10	<10	<10	<11	<10	<10
2,4,5-Trichlorophenol		<10	<10	<10	<10	<11	<10	<11	<10	<10	<10	<10	<10	<11	<10	<10
2-Chloronaphthalene		<10	<10	<10	<10	<11	<10	<11	<10	<10	<10	<10	<10	<11	<10	<10
2-Nitroaniline		<20	<20	<20	<20	<22	<20	<22	<20	<20	<20	<20	<20	<21	<20	<20
Acenaphthylene		<10	<10	<10	<10	<11	<10	<11	<10	<10	<10	<10	<10	<11	<10	<10
Caprolactam		<10	<10	<10	<10	<11	<10	<11	<10	<10	<10	<10	<10	<11	<10	<10
Dimethyl phthalate		<10	<10	<10	<10	<11	<10	<11	<10	<10	<10	<10	<10	<11	<10	<10
2,6-Dinitrotoluene		<2.0	<2.0	<2.0	<2.0	<2.2	<2.0	<2.2	<2.0	<2.0	<2.0	<2.0	<2.0	<2.1	<2.0	<2.0
Acenaphthene		<10	<10	<10	<10	<11	<10	<11	<10	<10	<10	<10	<10	<11	<10	<10
3-Nitroaniline		<20	<20	<20	<20	<22	<20	<22	<20	<20	<20	<20	<20	<21	<20	<20
2,4-Dinitrophenol		<31	<31	<31	<30	<33	<30	<33	<30	<31	<31	<31	<31	<32	<31	<31
Dibenzofuran		<10	<10	<10	<10	<11	<10	<11	<10	<10	<10	<10	<10	<11	<10	<10
2,4-Dinitrotoluene		<2.0	<2.0	<2.0	<2.0	<2.2	<2.0	<2.2	<2.0	<2.0	<2.0	<2.0	<2.0	<2.1	<2.0	<2.0
4-Nitrophenol		<31	<31	<31	<30	<33	<30	<33	<30	<31	<31	<31	<31	<32	<31	<31
Fluorene		<10	<10	<10	<10	<11	<10	<11	<10	<10	<10	<10	<10	<11	<10	<10 J
1,1'-Biphenyl		<10	<10	<10	<10	<11	<10	<11	<10	<10	<10	<10	<10	<11	<10	<10
4-Chlorophenyl phenyl ether		<10	<10	<10	<10	<11	<10	<11	<10	<10	<10	<10	<10	<11	<10	<10
Diethyl phthalate		<10	<10	<10	<10	<11	<10	<11	<10	<10	<10	<10	<10	<11	<10	<10
4-Nitroaniline		<20	<20	<20	<20	<22	<20 J	<22	<20	<20	<20	<20 J	<20 J	<21	<20	<20
4,6-Dinitro-2-methylphenol		<31	<31	<31	<30	<33	<30	<33	<30	<31	<31	<31	<31	<32	<31	<31
N-Nitrosodiphenylamine		<10	<10	<10	<10	<11	<10	<11	<10	<10	<10	<10	<10	<11	<10	<10
4-Bromophenyl phenyl ether		<10	<10	<10	<10	<11	<10	<11	<10	<10	<10	<10	<10	<11	<10	<10
Hexachlorobenzene		<1.0	<1.0	<1.0	<1.0	<1.1	<1.0	<1.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.1	<1.0	<1.0
Pentachlorophenol		<31	<31	<31	<30	<33	<30	<33	<30	<31	<31	<31	<31	<32	<31	<31
Phenanthrene		<10	<10	<10	<10	<11	<10	<11	<10	<10	<10	<10	<10	<11	<10	<10
Carbazole		<10	<10	<10	<10	<11	<10	<11	<10	<10	<10	<10	<10	<11	<10	<10
Anthracene		<10	<10	<10	<10	<11	<10	<11	<10	<10	<10	<10	<10	<11	<10	<10
Di-n-butyl phthalate		<10	<10	<10	<10	<11	<10	<11	<10	<10	<10	<10	<10	<11	<10	<10
Fluoranthene		<10	<10	<10	<10	<11	<10	<11	<10	<10	<10	<10	<10	<11	<10	<10
Pyrene		<10	<10	<10	<10	<11	<10	<11	<10	<10	<10	<10	<10	<11	<10	<10
Butyl benzyl phthalate		<10	<10	<10	<10	<11	<10	<11	<10	<10	<10	<10	<10	<11	<10	<10
3,3'-Dichlorobenzidine		<20	<20	<20	<20	<22	<20	<22	<20	<20	<20	<20	<20	<21	<20	<20
Benzo[a]anthracene		<1.0	<1.0	<1.0	<1.0	<1.1	<1.0	<1.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.1	<1.0	<1.0
Chrysene		<10	<10	<10	<10	<11	<10	<11	<10	<10	<10	<10	<10	<11	<10	<10
Bis(2-ethylhexyl) phthalate		<10	<10	<10	**59**	**31**	**12**	**120**	<10	<10	<10	<10	<10	<11	<10	<10
Di-n-octyl phthalate		<10	<10	<10	<10	<11	<10	<11	<10	<10	<10	<10	<10	<11	<10	<10
Benzo[b]fluoranthene		<1.0	<1.0	<1.0	<1.0	<1.1	<1.0	<1.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.1	<1.0	<1.0
Atrazine		<10	<10	<10 J	<10 J	<11 J	<10	<11	<10	<10	<10	<10	<10	<11	<10 J	<10 J
Benzo[k]fluoranthene		<1.0	<1.0	<1.0	<1.0	<1.1	<1.0	<1.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.1	<1.0	<1.0
Benzo[a]pyrene		<1.0	<1.0	<1.0	<1.0	<1.1	<1.0	<1.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.1	<1.0	<1.0
Indeno[1,2,3-cd]pyrene		<1.0	<1.0	<1.0	<1.0 J	<1.1	<1.0	<1.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.1	<1.0	<1.0
Dibenz(a,h)anthracene		<1.0	<1.0	<1.0	<1.0	<1.1	<1.0	<1.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.1	<1.0	<1.0
Benzo[g,h,i]perylene		<10	<10	<10	<10	<11	<10	<11	<10	<10	<10	<10	<10	<11	<10	<10

Bold	Indicates detection above laboratory MDL.
MDL	Method Detection Limit.
ug/L	Micrograms per liter.
J	Estimated value.
R	Result rejected.

Table 18. Concentrations of Semi-Volatile Organic Compounds in Quality Assurance/Quality Control Samples, Former Dangman Park MGP Site, Brooklyn, New York.

Compound (Units in ug/L)	Sample ID: / Sample Date:	EB022412 02/24/12 Equipment Blank	EB022812 02/28/12 Equipment Blank	EB022912 02/29/12 Equipment Blank	EB030112 03/01/12 Equipment Blank	EB032112 03/21/12 Equipment Blank	EB032212 03/22/12 Equipment Blank	EB032312 03/23/12 Equipment Blank	EB032612 03/26/12 Equipment Blank	EB032712 03/27/12 Equipment Blank	EB032812 03/28/12 Equipment Blank	EB112113 11/21/13 Equipment Blank	EB121013 12/10/13 Equipment Blank
Phenol		<10	<10	<10	<12	<11	<11	<11	<10	<10	<10	<10	<11
Bis(2-chloroethyl)ether		<1.0	<1.0	<1.0	<1.2	<1.1	<1.1	<1.1	<1.0	<1.0	<1.0	<1.0	<1.1 J
2-Chlorophenol		<10	<10	<10	<12	<11	<11	<11	<10	<10	<10	<10	<11
Benzaldehyde		<10 J	<10 J	<10 J	<12 J	<11 J	<11 J	<11 J	<10 J	<10 J	<10 J	<10 J	<11
2,2'-oxybis[1-chloropropane]		<10	<10	<10	<12	<11	<11	<11	<10	<10	<10	<10	<11
2-Methylphenol		<10	<10	<10	<12	<11	<11	<11	<10	<10	<10	<10	<11
Hexachloroethane		<1.0	<1.0	<1.0	<1.2	<1.1	<1.1	<1.1	<1.0	<1.0	<1.0	<1.0	<1.1
N-Nitrosodi-n-propylamine		<1.0	<1.0	<1.0	<1.2	<1.1	<1.1	<1.1	<1.0	<1.0	<1.0	<1.0	<1.1
4-Methylphenol		<10	<10	<10	<12	<11	<11	<11	<10	<10	<10	<10	<11
Nitrobenzene		<1.0	<1.0	<1.0	<1.2	<1.1	<1.1	<1.1	<1.0	<1.0	<1.0	<1.0 J	<1.1 J
Isophorone		<10	<10	<10	<12	<11	<11	<11	<10	<10	<10	<10	<11
2-Nitrophenol		<10	<10	<10	<12	<11	<11	<11	<10	<10	<10	<10	<11
Acetophenone		<10	<10	<10	<12	<11	<11	<11	<10	<10	<10	**6.5 J**	**1.6 J**
2,4-Dimethylphenol		<10	<10	<10	<12	<11	<11	<11	<10	<10	<10	<10	<11
Bis(2-chloroethoxy)methane		<10	<10	<10	<12	<11	<11	<11	<10	<10	<10	<10	<11
2,4-Dichlorophenol		<10	<10	<10	<12	<11	<11	<11	<10	<10	<10	<10	<11
Naphthalene		<10	<10	<10	<12	<11	<11	<11	<10	<10	<10	<10	<11
4-Chloroaniline		<10	<10	<10	<12	<11	<11	<11	<10	<10	<10	<1.0	<1.1
Hexachlorobutadiene		<2.0	<2.0	<2.0	<2.4	<2.1	<2.2	<2.2	<2.0	<2.0	<2.1	<2.1	<2.2
4-Chloro-3-methylphenol		<10	<10	<10	<12	<11	<11	<11	<10	<10	<10	<10	<11
2-Methylnaphthalene		<10	<10	<10	<12	<11	<11	<11	<10	<10	<10	<10	<11
Hexachlorocyclopentadiene		<10	<10 J	<10	<12	<11 J	<11	<11	<10	<10	<10	<10	<11
2,4,6-Trichlorophenol		<10	<10	<10	<12	<11	<11	<11	<10	<10	<10	<10	<11
2,4,5-Trichlorophenol		<10	<10	<10	<12	<11	<11	<11	<10	<10	<10	<10	<11
2-Chloronaphthalene		<10	<10	<10	<12	<11	<11	<11	<10	<10	<10	<10	<11
2-Nitroaniline		<20	<20	<20	<24	<21	<22	<22	<20	<20	<21	<21	<22
Acenaphthylene		<10	<10	<10	<12	<11	<11	<11	<10	<10	<10	<10	<11
Caprolactam		<10	<10	<10	<12 J	<11	<11	<11	<10	<10	<10	<10	<11
Dimethyl phthalate		<10	<10	<10	<12	<11	<11	<11	<10	<10	<10	<10	<11
2,6-Dinitrotoluene		<2.0	<2.0	<2.0	<2.4	<2.1	<2.2	<2.2	<2.0	<2.0	<2.1	<2.1	<2.2
Acenaphthene		<10	<10	<10	<12	<11	<11	<11	<10	<10	<10	<10	<11
3-Nitroaniline		<20	<20	<20	<24	<21	<22	<22	<20	<20	<21	<21	<22
2,4-Dinitrophenol		<31	<30	<30	<35	<32	<33	<33	<30 J	<30	<31	<31	<33
Dibenzofuran		<10	<10	<10	<12	<11	<11	<11	<10	<10	<10	<10	<11
2,4-Dinitrotoluene		<2.0	<2.0	<2.0	<2.4	<2.1	<2.2	<2.2	<2.0	<2.0	<2.1	<2.1	<2.2
4-Nitrophenol		<31	<30	<30	<35	<32	<33	<33	<30	<30	<31	<31	<33
Fluorene		<10 J	<10	<10	<12	<11	<11	<11	<10	<10	<10	<10	<11
1,1'-Biphenyl		<10	<10	<10	<12	<11	<11	<11	<10	<10	<10	<10	<11
4-Chlorophenyl phenyl ether		<10	<10	<10	<12	<11	<11	<11	<10	<10	<10	<10	<11
Diethyl phthalate		<10	<10	<10	<12	<11	<11	<11	<10	<10	<10	<10	<11
4-Nitroaniline		<20	<20	<20 J	<24	<21	<22	<22	<20	<20	<21	<21	<22
4,6-Dinitro-2-methylphenol		<31	<30	<30	<35	<32	<33	<33	<30	<30	<31	<31	<33
N-Nitrosodiphenylamine		<10	<10	<10	<12	<11	<11	<11	<10	<10	<10	<10	<11
4-Bromophenyl phenyl ether		<10	<10	<10	<12	<11	<11	<11	<10	<10	<10	<10	<11
Hexachlorobenzene		<1.0	<1.0	<1.0	<1.2	<1.1	<1.1	<1.1	<1.0	<1.0	<1.0	<1.0	<1.1
Pentachlorophenol		<31	<30	<30	<35	<32	<33	<33	<30	<30	<31	<31	<33
Phenanthrene		<10	<10	<10	<12	<11	<11	<11	<10	<10	<10	<10	<11
Carbazole		<10	<10	<10	<12	<11	<11	<11	<10	<10	<10	<10	<11
Anthracene		<10	<10	<10	<12	<11	<11	<11	<10	<10	<10	<10	<11
Di-n-butyl phthalate		<10	<10	<10	<12	<11	<11	<11	<10	<10	<10	<10	<11
Fluoranthene		<10	<10	<10	<12	<11	<11	<11	<10	<10	<10	<10	<11
Pyrene		<10	<10	<10	<12	<11	<11	<11	<10	<10	<10	<10	<11
Butyl benzyl phthalate		<10	<10	<10	<12	<11	<11	<11	<10	<10	<10	<10	<11
3,3'-Dichlorobenzidine		<20	<20	<20	<24	<21	<22	<22	<20	<20	<21	<21	<22
Benzo[a]anthracene		<1.0	<1.0	<1.0	<1.2	<1.1	<1.1	<1.1	<1.0	<1.0	<1.0	<1.0	<1.1
Chrysene		<10	<10	<10	<12	<11	<11	<11	<10	<10	<10	<10	<11
Bis(2-ethylhexyl) phthalate		<10	<10	<10	<12	<11	<11	<11	<10	<10	<10	<10	<11
Di-n-octyl phthalate		<10	<10	<10	<12	<11	<11	<11	<10	<10	<10	<10	<11
Benzo[b]fluoranthene		<1.0	<1.0	<1.0	<1.2	<1.1	<1.1	<1.1	<1.0	<1.0	<1.0	<1.0	<1.1
Atrazine		<10 J	<10	<10	<12	<11	<11 J	<11 J	<10	<10	<10 J	<10	<11
Benzo[k]fluoranthene		<1.0	<1.0	<1.0	<1.2	<1.1	<1.1	<1.1	<1.0	<1.0	<1.0	<1.0	<1.1
Benzo[a]pyrene		<1.0	<1.0	<1.0	<1.2	<1.1	<1.1	<1.1	<1.0	<1.0	<1.0	<1.0	<1.1
Indeno[1,2,3-cd]pyrene		<1.0	<1.0	<1.0	<1.2	<1.1	<1.1	<1.1	<1.0	<1.0	<1.0	<1.0	<1.1
Dibenz(a,h)anthracene		<1.0	<1.0	<1.0	<1.2	<1.1	<1.1	<1.1	<1.0	<1.0	<1.0	<1.0	<1.1
Benzo[g,h,i]perylene		<10	<10	<10	<12	<11	<11	<11	<10	<10	<10	<10	<11

Bold	Indicates detection above laboratory MDL.
MDL	Method Detection Limit.
ug/L	Micrograms per liter.
J	Estimated value.
R	Result rejected.

Table 19. Concentrations of Total Cyanide and Free Cyanide in Quality Assurance/Quality Control Samples, Former Dangman Park MGP Site, Brooklyn, New York.

Analyte (Units in ug/L)	Sample ID: / Sample Date:	EB101311 10/13/2011 Equipment Blank	EB101411 10/14/2011 Equipment Blank	EB101711 10/17/2011 Equipment Blank	EB101811 10/18/2011 Equipment Blank	EB103111 10/31/2011 Equipment Blank	EB110111 11/1/2011 Equipment Blank	EB110211 11/02/11 Equipment Blank	EB120611 12/06/11 Equipment Blank	EB120711 12/07/11 Equipment Blank	EB120811 12/08/11 Equipment Blank	EB120911 12/09/11 Equipment Blank	EB121211 12/12/11 Equipment Blank	EB121311 12/13/11 Equipment Blank
Total Cyanide		<10 J	<10	<10	<10	<10	<10	<10	<10	<10	**4.1 J**	<10	<10	<10
Free Cyanide		**1.8 J**	<5	<5	<5	**1.6 JB**	**1.3 JB**	**1.6 JB**	**0.8 J**	**1.4 J**	<5 J	<5 J	<5 J	<5 J

Bold	Indicates detection above laboratory MDL.
MDL	Method Detection Limit.
ug/L	Micrograms per liter.
B	Compound was detected in the blank and sample.
J	Estimated value.

Table 19. Concentrations of Total Cyanide and Free Cyanide in Quality Assurance/Quality Control Samples, Former Dangman Park MGP Site, Brooklyn, New York.

Analyte (Units in ug/L)	Sample ID: / Sample Date:	EB121411 12/14/11 Equipment Blank	EB121511 12/15/11 Equipment Blank	EB121611 12/16/11 Equipment Blank	EB121911 12/19/11 Equipment Blank	EB011912 1/19/2012 Equipment Blank	EB021312 2/13/2012 Equipment Blank	EB021412 2/14/2012 Equipment Blank	EB021512 2/15/2012 Equipment Blank	EB021612 2/16/2012 Equipment Blank	EB022012 2/20/2012 Equipment Blank	EB022112 2/21/2012 Equipment Blank	EB022212 2/22/2012 Equipment Blank	EB022412 2/24/2012 Equipment Blank
Total Cyanide		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Free Cyanide		**0.59 J**	<5 J	<5 J	<5 J	<2	<2	<2	<2	<2	<2	<2	<2 J	<2

Bold	Indicates detection above laboratory MDL.
MDL	Method Detection Limit.
ug/L	Micrograms per liter.
B	Compound was detected in the blank and sample.
J	Estimated value.

Table 19. Concentrations of Total Cyanide and Free Cyanide in Quality Assurance/Quality Control Samples, Former Dangman Park MGP Site, Brooklyn, New York.

Analyte (Units in ug/L)	Sample ID: / Sample Date:	EB022812 2/28/2012 Equipment Blank	EB022912 2/29/2012 Equipment Blank	EB030112 3/1/2012 Equipment Blank	EB032112 3/21/2012 Equipment Blank	EB032212 3/22/2012 Equipment Blank	EB032312 3/23/2012 Equipment Blank	EB032612 3/26/2012 Equipment Blank	EB032712 3/27/2012 Equipment Blank	EB032812 3/28/2012 Equipment Blank	EB112113 11/21/13 Equipment Blank	EB121013 12/10/13 Equipment Blank
Total Cyanide		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Free Cyanide		<2 J	<2 J	<2 J	--	--	--	--	--	--	**57.6**	--

Bold	Indicates detection above laboratory MDL.
MDL	Method Detection Limit.
ug/L	Micrograms per liter.
B	Compound was detected in the blank and sample.
J	Estimated value.

Table 20. Concentrations of Metals in Quality Assurance/Quality Control Samples, Former Dangman Park MGP Site, Brooklyn, New York.

Analyte (Units in ug/L)	Sample ID: / Sample Date:	EB101311 10/13/2011 Equipment Blank	EB101411 10/14/2011 Equipment Blank	EB101711 10/17/2011 Equipment Blank	EB101811 10/18/2011 Equipment Blank	EB103111 10/31/2011 Equipment Blank	EB110111 11/1/2011 Equipment Blank	EB110211 11/02/11 Equipment Blank	EB120611 12/06/11 Equipment Blank	EB120711 12/07/11 Equipment Blank	EB120811 12/08/11 Equipment Blank	EB120911 12/09/11 Equipment Blank	EB121211 12/12/11 Equipment Blank	EB121311 12/13/11 Equipment Blank
Aluminum		<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
Antimony		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Arsenic		<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Barium		<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
Beryllium		<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00
Cadmium		<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Calcium		<5000	<5000	<5000	<5000	<5000	<5000	<5000	<5000	<5000	<5000	<5000	<5000	<5000
Chromium		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Cobalt		<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Copper		<25.0	<25.0	<25.0	**3.80 J**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Iron		<150	<150	<150	<150	<150	<150	<150	<150	<150	<150	<150	<150	<150
Lead		<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Magnesium		<5000	<5000	<5000	<5000	<5000	<5000	<5000	<5000	<5000	<5000	<5000	<5000	<5000
Manganese		<15.0	<15.0	**4.30 J**	<15.0	<15.0	<15.0	<15.0	<15.0	<15.0	<15.0	<15.0	<15.0	<15.0
Nickel		<40.0	<40.0	<40.0	<40.0	<40.0	<40.0	<40.0	<40.0	<40.0	<40.0	<40.0	<40.0	<40.0
Potassium		<5000	<5000	**433 J**	<5000	<5000	<5000	<5000	<5000	<5000	<5000	<5000	<5000	<5000
Selenium		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Silver		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Sodium		<5000	**713 J**	**1,610 J**	**716 J**	<5000	<5000	<5000	<5000	<5000	<5000	<5000	<5000	<5000
Thallium		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Vanadium		<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Zinc		<30.0	<30.0	<30.0	<30.0	<30.0	<30.0	<30.0	<30.0	<30.0	<30.0	<30.0	<30.0	<30.0
Mercury		<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

Bold	Indicates detection above laboratory MDL.
MDL	Method Detection Limit.
ug/L	Micrograms per liter.
J	Sample result is greater than the MDL but below the CRDL.

Table 20. Concentrations of Metals in Quality Assurance/Quality Control Samples, Former Dangman Park MGP Site, Brooklyn, New York.

Analyte (Units in ug/L)	Sample ID: / Sample Date:	EB121411 12/14/11 Equipment Blank	EB121511 12/15/11 Equipment Blank	EB121611 12/16/11 Equipment Blank	EB121911 12/19/11 Equipment Blank	EB011912 01/19/12 Equipment Blank	EB021312 02/13/12 Equipment Blank	EB021412 02/14/12 Equipment Blank	EB021512 02/15/12 Equipment Blank	EB021612 02/16/12 Equipment Blank	EB022012 02/20/12 Equipment Blank	EB022112 02/21/12 Equipment Blank	EB022212 02/22/12 Equipment Blank	EB022412 02/24/12 Equipment Blank
Aluminum		<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
Antimony		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Arsenic		<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Barium		<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
Beryllium		<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00
Cadmium		<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Calcium		<5000	<5000	<5000	<5000	<5000	<5000	<5000	<5000	**973 J**	<5000	<5000	<5000	<5000
Chromium		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Cobalt		<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Copper		<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	**12.4 J**	**10.0 J**	<25.0	<25.0
Iron		<150	<150	<150	<150	<150	<150	<150	<150	<150	<150	<150	<150	<150
Lead		<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Magnesium		<5000	<5000	<5000	<5000	<5000	<5000	<5000	<5000	**350 J**	<5000	<5000	<5000	<5000
Manganese		<15.0	<15.0	<15.0	<15.0	<15.0	<15.0	<15.0	<15.0	<15.0	<15.0	<15.0	<15.0	<15.0
Nickel		<40.0	<40.0	<40.0	<40.0	<40.0	<40.0	<40.0	<40.0	<40.0	<40.0	<40.0	<40.0	<40.0
Potassium		<5000	<5000	<5000	<5000	<5000	<5000	<5000	<5000	<5000	<5000	<5000	<5000	<5000
Selenium		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Silver		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Sodium		<5000	<5000	<5000	**850 J**	<5000	<5000	<5000	<5000	**2,790 J**	<5000	<5000	<5000	<5000
Thallium		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Vanadium		<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Zinc		<30.0	<30.0	<30.0	<30.0	<30.0	<30.0	<30.0	<30.0	<30.0	<30.0	<30.0	<30.0	<30.0
Mercury		<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

Bold	Indicates detection above laboratory MDL.
MDL	Method Detection Limit.
ug/L	Micrograms per liter.
J	Sample result is greater than the MDL but below the CRDL.

Table 20. Concentrations of Metals in Quality Assurance/Quality Control Samples, Former Dangman Park MGP Site, Brooklyn, New York.

Analyte (Units in ug/L)	Sample ID: / Sample Date:	EB022812 02/28/12 Equipment Blank	EB022912 02/29/12 Equipment Blank	EB030112 03/01/12 Equipment Blank	EB032112 03/21/12 Equipment Blank	EB032212 03/22/12 Equipment Blank	EB032312 03/23/12 Equipment Blank	EB032612 03/26/12 Equipment Blank	EB032712 03/27/12 Equipment Blank	EB032812 03/28/12 Equipment Blank	EB112113 11/21/13 Equipment Blank	EB121013 12/10/13 Equipment Blank
Aluminum		<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
Antimony		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<20.0	<20.0
Arsenic		<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<15.0	<15.0
Barium		<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
Beryllium		<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00
Cadmium		<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<4.00	<4.00
Calcium		<5000	<5000	**610 J**	<5000	<5000	<5000	<5000	<5000	<5000	<5000	<5000
Chromium		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Cobalt		<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Copper		<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Iron		<150	<150	<150	<150	<150	<150	<150	<150	<150	<150	<150
Lead		<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<10.0	<10.0
Magnesium		<5000	<5000	<5000	<5000	<5000	<5000	<5000	<5000	<5000	<5000	<5,000
Manganese		<15.0	<15.0	<15.0	<15.0	<15.0	<15.0	<15.0	<15.0	<15.0	<15.0	<15.0
Nickel		<40.0	<40.0	<40.0	<40.0	<40.0	<40.0	<40.0	<40.0	<40.0	<40.0	<40.0
Potassium		<5000	<5000	<5000	<5000	<5000	<5000	<5000	<5000	<5000	<5,000	<5000
Selenium		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<20.0	<20.0
Silver		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Sodium		<5000	**910 J**	**1,370 J**	<5000	**1,630 J**	<5000	<5000	<5000	<5000	<5000	<5000
Thallium		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<20.0	<20.0
Vanadium		<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Zinc		<30.0	<30.0	<30.0	<30.0	<30.0	<30.0	<30.0	<30.0	<30.0	<30.0	<30.0
Mercury		<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

Bold	Indicates detection above laboratory MDL.
MDL	Method Detection Limit.
ug/L	Micrograms per liter.
J	Sample result is greater than the MDL but below the CRDL.

Table 21. Concentrations of Polychlorinated Biphenyls in Quality Assurance/Quality Control Samples, Former Dangman Park MGP Site, Brooklyn, New York.

Compound (Units in ug/L)	Sample ID:	EB101311	EB101411	EB101711	EB101811	EB103111	EB110111	EB110211	EB120611	EB120711	EB120811	EB120911	EB121211	EB121311
	Sample Date:	10/13/2011	10/14/2011	10/17/2011	10/18/2011	10/31/2011	11/1/2011	11/02/11	12/06/11	12/07/11	12/08/11	12/09/11	12/12/11	12/13/11
		Equipment Blank	Equipment Blank	Equipment Blank	Equipment Blank	Equipment Blank	Equipment Blank	Equipment Blank	Equipment Blank	Equipment Blank	Equipment Blank	Equipment Blank	Equipment Blank	Equipment Blank
Aroclor 1016		<0.51	<0.52	<0.52	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51 J	<0.51 J	<0.51 J	<0.51 J	<0.51
Aroclor 1221		<0.51	<0.52	<0.52	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51 J	<0.51 J	<0.51 J	<0.51 J	<0.51
Aroclor 1232		<0.51	<0.52	<0.52	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51 J	<0.51 J	<0.51 J	<0.51 J	<0.51
Aroclor 1242		<0.51	<0.52	<0.52	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51 J	<0.51 J	<0.51 J	<0.51 J	<0.51
Aroclor 1248		<0.51	<0.52	<0.52	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51 J	<0.51 J	<0.51 J	<0.51 J	<0.51
Aroclor 1254		<0.51	<0.52	<0.52	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51 J	<0.51 J	<0.51 J	<0.51 J	<0.51
Aroclor 1260		<0.51	<0.52	<0.52	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51 J	<0.51 J	<0.51 J	<0.51 J	<0.51

ug/L	Micrograms per liter.
J	Estimated value.

Table 21. Concentrations of Polychlorinated Biphenyls in Quality Assurance/Quality Control Samples, Former Dangman Park MGP Site, Brooklyn, New York.

Compound (Units in ug/L)	Sample ID:	EB121411	EB121511	EB121611	EB121911	EB011912	EB021312	EB021412	EB021512	EB021612	EB022012	EB022112	EB022212	EB022412
	Sample Date:	12/14/11	12/15/11	12/16/11	12/19/11	01/19/12	02/13/12	02/14/12	02/15/12	02/16/12	02/20/12	02/21/12	02/22/12	02/24/12
		Equipment Blank	Equipment Blank	Equipment Blank	Equipment Blank	Equipment Blank	Equipment Blank	Equipment Blank	Equipment Blank	Equipment Blank	Equipment Blank	Equipment Blank	Equipment Blank	Equipment Blank
Aroclor 1016		<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51
Aroclor 1221		<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51
Aroclor 1232		<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51
Aroclor 1242		<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51
Aroclor 1248		<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51
Aroclor 1254		<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51
Aroclor 1260		<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51

ug/L Micrograms per liter.
J Estimated value.

Table 21. Concentrations of Polychlorinated Biphenyls in Quality Assurance/Quality Control Samples, Former Dangman Park MGP Site, Brooklyn, New York.

Compound (Units in ug/L)	Sample ID:	EB022812	EB022912	EB030112	EB032112	EB032212	EB032812	EB112113
	Sample Date:	02/28/12	02/29/12	03/01/12	03/21/12	03/22/12	03/28/12	11/21/13
		Equipment Blank	Equipment Blank	Equipment Blank	Equipment Blank	Equipment Blank	Equipment Blank	Equipment Blank
Aroclor 1016		<0.51	<0.51	<0.54	<0.51	<0.51	<0.51	<0.4
Aroclor 1221		<0.51	<0.51	<0.54	<0.51	<0.51	<0.51	<0.4
Aroclor 1232		<0.51	<0.51	<0.54	<0.51	<0.51	<0.51	<0.4
Aroclor 1242		<0.51	<0.51	<0.54	<0.51	<0.51	<0.51	<0.4
Aroclor 1248		<0.51	<0.51	<0.54	<0.51	<0.51	<0.51	<0.4
Aroclor 1254		<0.51	<0.51	<0.54	<0.51	<0.51	<0.51	<0.4
Aroclor 1260		<0.51	<0.51	<0.54	<0.51	<0.51	<0.51	<0.4

ug/L Micrograms per liter.
J Estimated value.

Table 22. Concentrations of Pesticides in Quality Assurance/Quality Control Samples, Former Dangman Park MGP Site, Brooklyn, New York.

Compound (Units in ug/L)	Sample ID:	EB101711	EB101811	EB103111	EB110211	EB120611	EB120711	EB120811	EB121211	EB121311	EB022012	EB022212	EB030112	EB032112	EB032212	EB032812
	Sample Date:	10/17/2011	10/18/11	10/31/11	11/02/11	12/06/11	12/07/11	12/08/11	12/12/11	12/13/11	02/20/12	02/22/12	03/01/12	03/21/12	03/22/12	03/28/12
		Equipment Blank	Equipment Blank	Equipment Blank	Equipment Blank	Equipment Blank	Equipment Blank	Equipment Blank	Equipment Blank	Equipment Blank	Equipment Blank	Equipment Blank	Equipment Blank	Equipment Blank	Equipment Blank	Equipment Blank
Aldrin		<0.052	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	<0.052	<0.054	<0.051	<0.051	<0.054	<0.051	<0.051	<0.051
Alpha-BHC		<0.052	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	<0.052	<0.054	<0.051	<0.051	<0.054	<0.051	<0.051	<0.051
Beta-BHC		<0.052	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	<0.052	<0.054	<0.051	<0.051	<0.054	<0.051	<0.051	<0.051
Delta-BHC		<0.052	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	<0.052	<0.054	<0.051	<0.051	<0.054	<0.051	<0.051	<0.051
Gamma-BHC (Lindane)		<0.052	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	<0.052	<0.054	<0.051	<0.051	<0.054	<0.051	<0.051	<0.051
4,4'-DDD		<0.052	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	<0.052	<0.054	<0.051	<0.051	<0.054	<0.051	<0.051	<0.051
4,4'-DDE		<0.052	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	<0.052	<0.054	<0.051	<0.051	<0.054	<0.051	<0.051	<0.051
4,4'-DDT		<0.052 J	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	<0.052	<0.054	<0.051	<0.051	<0.054	<0.051	<0.051	<0.051
Dieldrin		<0.052	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	<0.052	<0.054	<0.051	<0.051	<0.054	<0.051	<0.051	<0.051
Endosulfan I		<0.052	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	<0.052	<0.054	<0.051	<0.051	<0.054	<0.051	<0.051	<0.051
Endosulfan II		<0.052 J	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	<0.052	<0.054	<0.051	<0.051	<0.054	<0.051	<0.051	<0.051
Endosulfan Sulfate		<0.052	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	<0.052	<0.054	<0.051	<0.051	<0.054	<0.051	<0.051	<0.051
Endrin		<0.052	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	<0.052	<0.054	<0.051	<0.051	<0.054	<0.051	<0.051	<0.051
Endrin Aldehyde		<0.052	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	<0.052	<0.054	<0.051	<0.051	<0.054	<0.051	<0.051	<0.051
Endrin Ketone		<0.052	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	<0.052	<0.054	<0.051	<0.051	<0.054	<0.051	<0.051	<0.051
Heptachlor		<0.052 J	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	<0.052	<0.054	<0.051	<0.051	<0.054	<0.051	<0.051	<0.051
Heptachlor Epoxide		<0.052	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	<0.052	<0.054	<0.051	<0.051	<0.054	<0.051	<0.051	<0.051
Methoxychlor		<0.052 J	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	<0.052	<0.054	<0.051	<0.051	<0.054	<0.051	<0.051	<0.051
Toxaphene		<0.52	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.52	<0.54	<0.51	<0.51	<0.54	<0.51	<0.51	<0.51
Gamma-Chlordane		<0.052	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	<0.052	<0.054	<0.051	<0.051	<0.054	<0.051	<0.051	<0.051
Alpha-Chlordane		<0.052	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	<0.052	<0.054	<0.051	<0.051	<0.054	<0.051	<0.051	<0.051

ug/L Micrograms per Liter.
J Estimated value.

Table 23. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Temporary Monitoring Wells, Former Dangman Park MGP Site, Brooklyn, New York.

Compound (Units in ug/L)	NYSDEC TOGS (1.1.1) SGV (ug/L)	Sample ID: / Sample Depth (ft bls): / Sample Date:	SB-7-VP (13-15') 13 - 15 10/18/2011	SB-7-VP (32-34') 32 - 34 10/18/2011	SB-7-VP (55-57') 55 - 57 10/18/2011	VP-1 (10-12') 10 - 12 1/11/2012	VP-1 (34-36') 34 - 36 1/11/2012	DUP011112 34 - 36 1/11/2012 VP-1 (34-36') Duplicate	VP-1 (72-74') 72 - 74 1/12/2012	VP-1 (88-90') 88 - 90 1/12/2012	VP-2 (10-12') 10 - 12 1/9/2012	VP-2 (34-36') 34 - 36 1/9/2012	VP-2 (72-74') 72 - 74 1/9/2012	VP-2 (88-90') 88 - 90 1/9/2012	VP-3 (10-12') 10 - 12 1/10/2012
Acetone	50		**5.2 J**	<10	<10	<10	<10	<10	<10	<10	<2.5	<2.5	<2.5	<2.5	<10
Dichlorodifluoromethane	5		<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.29 J	<0.29 J	<0.29 J	<0.29 J	<5.0 J
Benzene	1		**17**	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	**9.2**	**0.13 J**	**0.14 J**	**4.7 J**	**0.30 J**	<5.0
Bromodichloromethane	50		**3.3**	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.093	<0.093	<0.093	<0.093	<5.0
Bromoform	50		<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.10	<0.10	<0.10	<0.10	<5.0 J
Bromomethane	5		<1.0	<1.0	<1.0	<5.0 J	<5.0 J	<5.0	<5.0	<5.0	<0.31 J	<0.31 J	<0.31 J	<0.31 J	<5.0 J
Methyl Ethyl Ketone	50		<10 J	<10 J	<10 J	<10	<10	<10	<10	<10	<0.82 J	<0.82 J	<0.82 J	<0.82 J	<10
Trichlorofluoromethane	5		<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.16	<0.16	<0.16	<0.16	<5.0
Carbon disulfide	60		<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.15	<0.15	<0.15	<0.15	<5.0
Carbon tetrachloride	5		<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.19	<0.19	<0.19	<0.19	<5.0
Chlorobenzene	5		<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.16	<0.16	<0.16	<0.16	<5.0
1,1,2-Trichloro-1,2,2-trifluoroethane	5		<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.28	<0.28	<0.28	<0.28	<5.0
Chloroethane	5		<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.45 J	<0.45 J	<0.45 J	<0.45 J	<5.0 J
Chloroform	7		**58**	**4.7**	**3.4**	<5.0	<5.0	<5.0	<5.0	<5.0	<0.15	<0.15	<0.15	<0.15	<5.0
Chloromethane	5		<1.0 J	<1.0 J	<1.0 J	<5.0	<5.0	<5.0	<5.0	<5.0	<0.21	<0.21	<0.21	<0.21	<5.0
Dibromochloromethane	50		<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.11	<0.11	<0.11	<0.11	<5.0
1,1-Dichloroethane	5		<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.10	<0.10	<0.10	<0.10	<5.0
1,2-Dichloroethane	0.6		<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.24	<0.24	<0.24	<0.24	<5.0
1,1-Dichloroethene	5		<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.14	<0.14	<0.14	<0.14	<5.0
1,2-Dichloropropane	1		<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.090	<0.090	<0.090	<0.090	<5.0
cis-1,3-Dichloropropene	0.4*		<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.11	<0.11	<0.11	<0.11	<5.0
Methyl acetate	-		<1.0 J	<1.0 J	<1.0 J	<5.0	<5.0	<5.0	<5.0	<5.0	<0.33	<0.33	<0.33	<0.33	<5.0
trans-1,3-Dichloropropene	0.4*		<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.12	<0.12	<0.12	<0.12	<5.0
Ethylbenzene	5		<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	**140**	**0.60 J**	**0.70 J**	**37**	**9.9**	<5.0
2-Hexanone	50		<5.0 J	<5.0 J	<5.0 J	<10	<10	<10	<10	<10	<0.55	<0.55	<0.55	<0.55	<10
Methylene Chloride	5		<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.19	<0.19	<0.19	<0.19	<5.0
methyl isobutyl ketone	-		<5.0 J	<5.0 J	<5.0 J	<10	<10	<10	<10	<10	<0.68	<0.68	<0.68	<0.68	<10
Styrene	5		<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	**2.6 J**	<0.13	<0.13	<0.13	**1.6 J**	<5.0
1,1,2,2-Tetrachloroethane	5		<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.090	<0.090	<0.090	<0.090	<5.0
Tetrachloroethene	5		<1.0	<1.0	<1.0	<5.0	<5.0	**0.24 J**	<5.0	<5.0	**1.8 J**	**2.8 J**	**1.2 J**	**1.5 J**	**0.25 J**
Toluene	5		<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	**48**	**1.7 J**	**1.9 J**	**2.6 J**	**12**	**0.17 J**
1,1,1-Trichloroethane	5		<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.25	<0.25	<0.25	<0.25	<5.0
1,1,2-Trichloroethane	1		<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.10	<0.10	<0.10	<0.10	<5.0
Trichloroethene	5		<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.18	<0.18	<0.18	<0.18	<5.0
Vinyl chloride	2		<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.13	<0.13	<0.13	<0.13	<5.0
Xylenes, Total	5		**2.8**	<2.0	<2.0	<5.0	<5.0	<5.0	<5.0	**72**	**3.2 J**	**3.9 J**	**39**	**31**	<5.0
cis-1,2-Dichloroethene	5		<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.20	<0.20	<0.20	<0.20	<5.0
Cyclohexane	-		**1.1**	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	**0.95 J**	<0.13	<0.13	**0.67 J**	**0.55 J**	<5.0
trans-1,2-Dichloroethene	5		<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.14	<0.14	<0.14	<0.14	<5.0
Isopropylbenzene	5		**3.4**	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	**3.6 J**	<0.21	<0.21	**2.3 J**	<0.21	<5.0
1,3-Dichlorobenzene	3		<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.22	<0.22	<0.22	<0.22	<5.0
1,4-Dichlorobenzene	3		<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.15	<0.15	<0.15	**0.16 J**	<5.0
1,2-Dichlorobenzene	3		<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.16	<0.16	<0.16	<0.16	<5.0
1,2-Dibromo-3-Chloropropane	0.04		<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.15	<0.15	<0.15	<0.15	<5.0
1,2,4-Trichlorobenzene	5		<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.44	<0.44	<0.44	<0.44	<5.0
1,2-Dibromoethane	0.0006		<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.090	<0.090	<0.090	<0.090	<5.0
Methyl tert-butyl ether	10		**2.1**	<1.0	<1.0	<5.0	**1.1 J**	**1.3 J**	<5.0	<5.0	<0.18	**0.32 J**	<0.18	<0.18	<5.0
Methylcyclohexane	-		**1.8**	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.090	<0.090	**0.54 J**	<0.090	<5.0
1,4-Dioxane	-		R	R	R	R	R	R	R	R	R	R	R	R	R
n-Butylbenzene	5		<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.30	<0.30	<0.30	<0.30	<5.0
n-Propylbenzene	5		**1.5**	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	**4.5 J**	**0.20 J**	**0.26 J**	**1.4 J**	<0.18	<5.0
sec-Butylbenzene	5		<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.20	<0.20	<0.20	<0.20	<5.0
tert-Butylbenzene	5		<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.18	<0.18	<0.18	<0.18	<5.0
1,2,4-Trimethylbenzene	5		**4.7**	<1.0	**0.77 J**	<5.0	<5.0	<5.0	<5.0	**3.8 J**	**0.80 J**	**0.80 J**	**0.75 J**	**0.77 J**	<5.0
1,3,5-Trimethylbenzene	5		**3.3**	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	**0.59 J**	**0.26 J**	**0.35 J**	**1.1 J**	**0.60 J**	<5.0

See footnotes on last page.

Table 23. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Temporary Monitoring Wells, Former Dangman Park MGP Site, Brooklyn, New York.

Compound (Units in ug/L)	NYSDEC TOGS (1.1.1) SGV (ug/L)	Sample ID: / Sample Depth (ft bls): / Sample Date:	VP-3 (34-36') 34 - 36 1/10/2012	VP-3 (72-74') 72 - 74 1/10/2012	VP-3 (88-90') 88 - 90 1/11/2012	VP-4 (10-12') 10 - 12 1/13/2012	VP-4 (43-45') 43 - 45 1/13/2012	VP-4 (58-60') 58 - 60 1/13/2012
Acetone	50		<10	<10	<10	<10	<10	<10
Dichlorodifluoromethane	5		<5.0 J	<5.0 J	<5.0 J	<5.0 J	<5.0 J	<5.0 J
Benzene	1		<5.0	**0.15 J**	<5.0	<5.0	<5.0	<5.0
Bromodichloromethane	50		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromoform	50		<5.0 J	<5.0 J	<5.0	<5.0	<5.0	<5.0
Bromomethane	5		<5.0 J	<5.0 J	<5.0	<5.0	<5.0	<5.0
Methyl Ethyl Ketone	50		<10	<10	<10	<10	<10	<10
Trichlorofluoromethane	5		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Carbon disulfide	60		<5.0	**0.65 J**	<5.0	<5.0	<5.0	<5.0
Carbon tetrachloride	5		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chlorobenzene	5		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2-Trichloro-1,2,2-trifluoroethane	5		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloroethane	5		<5.0 J	<5.0 J	<5.0	<5.0	<5.0	<5.0
Chloroform	7		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloromethane	5		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Dibromochloromethane	50		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethane	5		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichloroethane	0.6		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethene	5		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichloropropane	1		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
cis-1,3-Dichloropropene	0.4*		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Methyl acetate	-		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
trans-1,3-Dichloropropene	0.4*		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Ethylbenzene	5		**0.41 J**	**0.50 J**	<5.0	**0.65 J**	<5.0	<5.0
2-Hexanone	50		<10	<10	<10	<10	<10	<10
Methylene Chloride	5		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
methyl isobutyl ketone	-		<10	<10	<10	<10	<10	<10
Styrene	5		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2,2-Tetrachloroethane	5		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Tetrachloroethene	5		**0.96 J**	**0.94 J**	**0.27 J**	**1.2 J**	**0.27 J**	<5.0
Toluene	5		**1.5 J**	**1.7 J**	<5.0	**1.5 J**	<5.0	<5.0
1,1,1-Trichloroethane	5		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2-Trichloroethane	1		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Trichloroethene	5		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Vinyl chloride	2		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Xylenes, Total	5		**2.1 J**	**2.3 J**	<5.0	**2.2 J**	<5.0	<5.0
cis-1,2-Dichloroethene	5		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Cyclohexane	-		<5.0	<5.0	<5.0 J	<5.0 J	<5.0 J	<5.0 J
trans-1,2-Dichloroethene	5		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Isopropylbenzene	5		<5.0	<5.0	<5.0 J	<5.0 J	<5.0 J	<5.0 J
1,3-Dichlorobenzene	3		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,4-Dichlorobenzene	3		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichlorobenzene	3		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dibromo-3-Chloropropane	0.04		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,4-Trichlorobenzene	5		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dibromoethane	0.0006		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Methyl tert-butyl ether	10		**0.44 J**	<5.0	<5.0	**4.3 J**	<5.0	<5.0
Methylcyclohexane	-		<5.0	<5.0	<5.0 J	<5.0 J	<5.0 J	<5.0 J
1,4-Dioxane	-		R	R	R	R	R	R
n-Butylbenzene	5		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
n-Propylbenzene	5		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
sec-Butylbenzene	5		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
tert-Butylbenzene	5		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,4-Trimethylbenzene	5		**0.38 J**	**0.30 J**	<5.0	**0.56 J**	<5.0	<5.0
1,3,5-Trimethylbenzene	5		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0

See footnotes on last page.

Table 23. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Temporary Monitoring Wells, Former Dangman Park MGP Site, Brooklyn, New York.

NYSDEC	New York State Department of Environmental Conservation.
TOGS	Technical and Operational Guidance Series.
SGV	Ambient Water Quality Standards and Guidance Values.
ug/L	Micrograms per liter.
J	Estimated value.
R	Result rejected.
ft bls	Feet below land surface.
*	Applies to the sum of cis- and trans-1,3-dichloropropene.
-	Not available.
Bold	Indicates detection above laboratory Method Detection Limit.
	Compound concentration exceeds SGV.

Table 24. Concentrations of Semi-Volatile Organic Compounds in Groundwater Samples Collected from Temporary Monitoring Wells, Former Dangman Park MGP Site, Brooklyn, New York.

Compound (Units in ug/L)	NYSDEC TOGS (1.1.1) SGV (ug/L)	Sample ID: / Sample Depth (ft bls): / Sample Date:	SB-7-VP (13-15') 13 - 15 10/18/2011	SB-7-VP (32-34') 32 - 34 10/18/2011	SB-7-VP (55-57') 55 - 57 10/18/2011	VP-1 (10-12') 10 - 12 1/11/2012	VP-1 (34-36') 34 - 36 1/11/2012	DUP011112 34 - 36 1/11/2012 VP-1 (34-36') Duplicate	VP-1 (72-74') 72 - 74 1/12/2012	VP-1 (88-90') 88 - 90 1/12/2012	VP-2 (10-12') 10 - 12 1/9/2012	VP-2 (34-36') 34 - 36 1/9/2012	VP-2 (72-74') 72 - 74 1/9/2012	VP-2 (88-90') 88 - 90 1/9/2012	VP-3 (10-12') 10 - 12 1/10/2012	VP-3 (34-36') 34 - 36 1/10/2012	VP-3 (72-74') 72 - 74 1/10/2012
Phenol	1*		<10	<10	<10	<11	<10	<10	<10	<20	<10	<10	<10	<10	<10	<10	<10
Bis(2-chloroethyl)ether	1		<1.0	<1.0	<1.0	<1.1	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
2-Chlorophenol	1*		<10	<10	<10	<11	<10	<10	<10	<20	<10	<10	<10	<10	<10	<10	<10
Benzaldehyde	-		<10 J	<10 J	<10 J	R	R	R	R	<20 J	R	R	R	R	R	R	R
2,2'-oxybis[1-chloropropane]	5		<10	<10	<10	<11	<10	<10	<10	<20	<10	<10	<10	<10	<10	<10	<10
2-Methylphenol	1*		<10	<10	<10	<11	<10	<10	<10	<20	<10	<10	<10	<10	<10	<10	<10
Hexachloroethane	5		<1.0	<1.0	<1.0	<1.1	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
N-Nitrosodi-n-propylamine	-		<1.0	<1.0	<1.0	<1.1	<1.0	<1.0	<1.0	<2.0	<1.0 J	<1.0 J	<1.0 J	<1.0 J	<1.0	<1.0	<1.0
3 & 4 Methylphenol	1*		<10	<10	<10	<11	<10	<10	<10	<20	<10	<10	<10	<10	<10	<10	<10
Nitrobenzene	0.4		<1.0	<1.0	<1.0	<1.1	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Isophorone	50		<10	<10	<10	<11	<10	<10	<10	<20	<10	<10	<10	<10	<10	<10	<10
2-Nitrophenol	1*		<10	<10	<10	<11	<10	<10	<10	<20	<10	<10	<10	<10	<10	<10	<10
Acetophenone	-		<10	<10	<10	<11	<10	<10	<10	<20	<10	<10	<10	<10	<10	<10	<10
2,4-Dimethylphenol	50		<10	<10	<10	<11	<10	<10	<10	<20	<10	<10	<10	<10	<10	<10	<10
Bis(2-chloroethoxy)methane	5		<10	<10	<10	<11	<10	<10	<10	<20	<10	<10	<10	<10	<10	<10	<10
2,4-Dichlorophenol	5		<10	<10	<10	<11	<10	<10	<10	<20	<10	<10	<10	<10	<10	<10	<10
Naphthalene	10		<10	<10	<10	<11	<10	<10	<10	**420**	<10	<10	**65**	**4.9 J**	<10	<10	<10
4-Chloroaniline	5		<10 J	<10 J	<10	<11	<10	<10	<10	<20	<10	<10	<10	<10	<10	<10	<10
Hexachlorobutadiene	0.5		<2.1	<2.1	<2.1	<2.1	<2.0	<2.0	<2.0	<4.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
4-Chloro-3-methylphenol	1*		<10	<10	<10	<11	<10	<10	<10	<20	<10	<10	<10	<10	<10	<10	<10
2-Methylnaphthalene	-		**3.2 J**	<10	<10	<11	<10	<10	<10	<20	<10	<10	<10	<10	<10	<10	<10
Hexachlorocyclopentadiene	5		<10	<10	<10	<11	<10	<10	<10	<20	<10	<10	<10	<10	<10	<10	<10
2,4,6-Trichlorophenol	1*		<10	<10	<10	<11	<10	<10	<10	<20	<10	<10	<10	<10	<10	<10	<10
2,4,5-Trichlorophenol	1*		<10	<10	<10	<11	<10	<10	<10	<20	<10	<10	<10	<10	<10	<10	<10
2-Chloronaphthalene	10		<10	<10	<10	<11	<10	<10	<10	<20	<10	<10	<10	<10	<10	<10	<10
2-Nitroaniline	5		<21	<21	<21	<21	<20	<20	<20	<40	<20	<20	<20	<20	<20	<20	<20
Acenaphthylene	-		<10	<10	<10	<11	<10	<10	<10	**28**	<10	<10	<10	<10	<10	<10	<10
Caprolactam	-		<10	<10	<10	<11	<10	<10	<10	<20	<10	<10	<10	<10	<10	<10	<10
Dimethyl phthalate	50		<10	<10	<10	<11	<10	<10	<10	<20	<10	<10	<10	<10	<10	<10	<10
2,6-Dinitrotoluene	5		<2.1	<2.1	<2.1	<2.1	<2.0	<2.0	<2.0	<4.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Acenaphthene	20		**30**	<10	**5.0 J**	<11	<10	<10	<10	**5.7 J**	<10	<10	<10	<10	<10	<10	<10
3-Nitroaniline	5		<21	<21	<21	<21	<20	<20	<20	<40	<20	<20	<20	<20	<20	<20	<20
2,4-Dinitrophenol	10		<31	<31	<31	<32	<30	<30	<30	<61	<30	<30	<30	<30	<30	<30	<30
Dibenzofuran	-		<10	<10	<10	<11	<10	<10	<10	<20	<10	<10	<10	<10	<10	<10	<10
2,4-Dinitrotoluene	5		<2.1	<2.1	<2.1	<2.1	<2.0	<2.0	<2.0	<4.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
4-Nitrophenol	1*		<31	<31	<31	<32	<30	<30	<30	<61	<30	<30	<30	<30	<30	<30	<30
Fluorene	50		**6.1 J**	<10	<10	<11	<10	<10	<10	<20	<10	<10	<10	<10	<10	<10	<10
1,1'-Biphenyl	5		<10	<10	<10	<11	<10	<10	<10	<20	<10	<10	<10	<10	<10	<10	<10
4-Chlorophenyl phenyl ether	-		<10	<10	<10	<11	<10	<10	<10	<20	<10	<10	<10	<10	<10	<10	<10
Diethyl phthalate	50		<10	<10	<10	<11	<10	<10	<10	<20	<10	<10	<10	<10	<10	<10	<10
4-Nitroaniline	5		<21	<21	<21 J	<21	<20 J	<20 J	<20 J	<40	<20	<20	<20	<20	<20	<20 J	<20
4,6-Dinitro-2-methylphenol	1*		<31	<31	<31	<32	<30	<30	<30	<61	<30	<30	<30	<30	<30	<30	<30
N-Nitrosodiphenylamine	50		<10	<10	<10	<11	<10	<10	<10	<20	<10	<10	<10	<10	<10	<10	<10
4-Bromophenyl phenyl ether	-		<10	<10	<10	<11	<10	<10	<10	<20	<10	<10	<10	<10	<10	<10	<10
Hexachlorobenzene	0.04		<1.0	<1.0	<1.0	<1.1	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Pentachlorophenol	1*		<31	<31	<31	<32	<30	<30	<30	<61	<30	<30	<30	<30	<30	<30	<30
Phenanthrene	50		**7.5 J**	<10	<10	<11	<10	<10	<10	<20	<10	<10	<10	<10	<10	<10	<10
Carbazole	-		<10	<10	<10	<11	<10	<10	<10	<20	<10	<10	<10	<10	<10	<10	<10
Anthracene	50		<10	<10	<10	<11	<10	<10	<10	<20	<10	<10	<10	<10	<10	<10	<10
Di-n-butyl phthalate	50		<10	<10	<10	<11	<10	<10	<10	<20	<10	<10	<10	<10	<10	<10	<10
Fluoranthene	50		<10	<10	<10	<11	<10	<10	<10	<20	<10	<10	<10	<10	<10	<10	<10
Pyrene	50		**4.3 J**	<10	**3.1 J**	<11	<10	<10	<10	<20	<10	<10	<10	<10	<10	<10	<10
Butyl benzyl phthalate	50		<10	<10	<10	<11	<10	<10	<10	<20	<10	<10	<10	<10	<10	<10	<10
3,3'-Dichlorobenzidine	5		<21	<21	<21	<21	<20	<20	<20	<40	<20	<20	<20	<20	<20	<20	<20
Benzo[a]anthracene	0.002		<1.0	<1.0	<1.0	<1.1	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chrysene	0.002		<10	<10	<10	<11	<10	<10	<10	<20	<10	<10	<10	<10	<10	<10	<10
Bis(2-ethylhexyl) phthalate	5		<10	<10	<10	<11	<10	<10	<10 B	<20	<10	<10	<10	<10	<10	<10	<10
Di-n-octyl phthalate	50		<10	<10	<10	<11	<10	<10	<10	<20	<10	<10	<10	<10	<10	<10	<10
Benzo[b]fluoranthene	0.002		**0.28 J**	<1.0	<1.0	<1.1	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Atrazine	7.5		<10	<10	<10	<11 J	<10	<10	<10	<20	<10 J	<10 J	<10 J	<10 J	<10 J	<10	<10 J
Benzo[k]fluoranthene	0.002		<1.0	<1.0	<1.0	<1.1	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Benzo[a]pyrene	ND		**0.33 J**	<1.0	<1.0	<1.1	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Indeno[1,2,3-cd]pyrene	0.002		<1.0	<1.0	<1.0	<1.1	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0 J	<1.0	<1.0 J
Dibenz(a,h)anthracene	-		<1.0	<1.0	<1.0	<1.1	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Benzo[g,h,i]perylene	-		<10	<10	<10	<11	<10	<10	<10	<20	<10	<10	<10	<10	<10	<10	<10

See footnotes on last page.

Table 24. Concentrations of Semi-Volatile Organic Compounds in Groundwater Samples Collected from Temporary Monitoring Wells, Former Dangman Park MGP Site, Brooklyn, New York.

Compound (Units in ug/L)	NYSDEC TOGS (1.1.1) SGV (ug/L)	Sample ID: / Sample Depth (ft bls): / Sample Date:	VP-3 (88-90') 88 - 90 1/11/2012	VP-4 (10-12') 10 - 12 1/13/2012	VP-4 (43-45') 43 - 45 1/13/2012	VP-4 (58-60') 58 - 60 1/13/2012
Phenol	1*		<10	<11	<11	<11
Bis(2-chloroethyl)ether	1		<1.0	<1.1	<1.1	<1.1
2-Chlorophenol	1*		<10	<11	<11	<11
Benzaldehyde	-		R	<11 J	<11 J	<11 J
2,2'-oxybis[1-chloropropane]	5		<10	<11	<11	<11
2-Methylphenol	1*		<10	<11	<11	<11
Hexachloroethane	5		<1.0	<1.1	<1.1	<1.1
N-Nitrosodi-n-propylamine	-		<1.0	<1.1	<1.1	<1.1
3 & 4 Methylphenol	1*		<10	<11	<11	<11
Nitrobenzene	0.4		<1.0	<1.1	<1.1	<1.1
Isophorone	50		<10	<11	<11	<11
2-Nitrophenol	1*		<10	<11	<11	<11
Acetophenone	-		<10	<11	<11	<11
2,4-Dimethylphenol	50		<10	<11	<11	<11
Bis(2-chloroethoxy)methane	5		<10	<11	<11	<11
2,4-Dichlorophenol	5		<10	<11	<11	<11
Naphthalene	10		<10	<11	<11	<11
4-Chloroaniline	5		<10	<11	<11	<11
Hexachlorobutadiene	0.5		<2.0	<2.2	<2.2	<2.2
4-Chloro-3-methylphenol	1*		<10	<11	<11	<11
2-Methylnaphthalene	-		<10	<11	<11	<11
Hexachlorocyclopentadiene	5		<10	<11	<11	<11
2,4,6-Trichlorophenol	1*		<10	<11	<11	<11
2,4,5-Trichlorophenol	1*		<10	<11	<11	<11
2-Chloronaphthalene	10		<10	<11	<11	<11
2-Nitroaniline	5		<20	<22	<22	<22
Acenaphthylene	-		<10	<11	<11	<11
Caprolactam	-		<10	<11	<11	<11
Dimethyl phthalate	50		<10	<11	<11	<11
2,6-Dinitrotoluene	5		<2.0	<2.2	<2.2	<2.2
Acenaphthene	20		<10	<11	<11	<11
3-Nitroaniline	5		<20	<22	<22	<22
2,4-Dinitrophenol	10		<31	<33	<33	<33
Dibenzofuran	-		<10	<11	<11	<11
2,4-Dinitrotoluene	5		<2.0	<2.2	<2.2	<2.2
4-Nitrophenol	1*		<31	<33	<33	<33
Fluorene	50		<10	<11	<11	<11
1,1'-Biphenyl	5		<10	<11	<11	<11
4-Chlorophenyl phenyl ether	-		<10	<11	<11	<11
Diethyl phthalate	50		<10	<11	<11	<11
4-Nitroaniline	5		<20	<22	<22	<22
4,6-Dinitro-2-methylphenol	1*		<31	<33	<33	<33
N-Nitrosodiphenylamine	50		<10	<11	<11	<11
4-Bromophenyl phenyl ether	-		<10	<11	<11	<11
Hexachlorobenzene	0.04		<1.0	<1.1	<1.1	<1.1
Pentachlorophenol	1*		<31	<33	<33	<33
Phenanthrene	50		<10	<11	<11	<11
Carbazole	-		<10	<11	<11	<11
Anthracene	50		<10	<11	<11	<11
Di-n-butyl phthalate	50		<10	<11	<11	<11
Fluoranthene	50		<10	<11	<11	<11
Pyrene	50		<10	<11	<11	<11
Butyl benzyl phthalate	50		<10	<11	<11	<11
3,3'-Dichlorobenzidine	5		<20	<22	<22	<22
Benzo[a]anthracene	0.002		<1.0	<1.1	<1.1	<1.1
Chrysene	0.002		<10	<11	<11	<11
Bis(2-ethylhexyl) phthalate	5		<10	<11	<11	<11
Di-n-octyl phthalate	50		<10	<11	<11	<11
Benzo[b]fluoranthene	0.002		<1.0	<1.1	<1.1	<1.1
Atrazine	7.5		<10 J	<11	<11	<11
Benzo[k]fluoranthene	0.002		<1.0	<1.1	<1.1	<1.1
Benzo[a]pyrene	ND		<1.0	<1.1	<1.1	<1.1
Indeno[1,2,3-cd]pyrene	0.002		<1.0	<1.1	<1.1	<1.1
Dibenz(a,h)anthracene	-		<1.0	<1.1	<1.1	<1.1
Benzo[g,h,i]perylene	-		<10	<11	<11	<11

See footnotes on last page.

Table 24. Concentrations of Semi-Volatile Organic Compounds in Groundwater Samples Collected from Temporary Monitoring Wells, Former Dangman Park MGP Site, Brooklyn, New York.

NYSDEC	New York State Department of Environmental Conservation.
TOGS	Technical and Operational Guidance Series.
SGV	Ambient Water Quality Standards and Guidance Values.
ug/L	Micrograms per liter.
B	Non-detect at laboratory Reporting Limit due to associated blank contamination.
J	Estimated value.
R	Result rejected.
*	Applies to the sum of these substances.
-	Not available.
Bold	Indicates detection above laboratory Method Detection Limit.
	Compound concentration exceeds SGV.

Table 25. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Monitoring Wells, Former Dangman Park MGP Site, Brooklyn, New York.

Compound (Units in ug/L)	NYSDEC TOGS (1.1.1) SGV (ug/L)	Sample ID: / Screen Interval (ft bls): / Sample Date:	MW-1 6 - 16 3/22/2012	MW-2 6 - 16 3/26/2012	MW-3 6 - 16 3/26/2012	MW-4 6 - 16 3/26/2012	MW-5 30 - 40 3/22/2012	MW-6 6 - 16 3/27/2012	MW-7 6 - 16 3/28/2012	MW-8 6 - 16 3/27/2012	MW-9 5 - 15 3/27/2012	MW-10 90 - 100 3/22/2012	MW-11 30 - 40 3/28/2012	DUP032812 30 - 40 3/28/2012 MW-11 Duplicate	MW-12 30 - 40 3/28/2012
Acetone	50		<10 J	<10	<20	<10	<1,000 J	<10	<10	<10	<10	<10 J	<100	<100	<10
Dichlorodifluoromethane	5		<5.0 J	<5.0	<10	<5.0	<500 J	<5.0	<5.0	<5.0	<5.0	<5.0 J	<50	<50	<5.0
Benzene	1		**81**	**0.42 J**	**390**	**19**	**6,800 J**	<5.0	<5.0	<5.0	<5.0	**0.32 J**	**140**	**160**	<5.0
Bromodichloromethane	50		<5.0	<5.0	<10	<5.0	<500	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<50	<5.0
Bromoform	50		<5.0	<5.0	<10	<5.0	<500	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<50	<5.0
Bromomethane	5		<5.0 J	<5.0	<10	<5.0	<500 J	<5.0	<5.0	<5.0	<5.0	<5.0 J	<50	<50	<5.0
Methyl Ethyl Ketone	50		<10	<10	<20	<10	<1,000	<10	<10	<10	<10	<10	<100	<100	<10
Trichlorofluoromethane	5		<5.0	<5.0	<10	<5.0	<500	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<50	<5.0
Carbon disulfide	60		<5.0 J	<5.0	<10	<5.0	<500 J	<5.0	<5.0	<5.0	<5.0	**0.87 J**	<50	<50	**2.4 J**
Carbon tetrachloride	5		<5.0	<5.0 J	<10 J	<5.0	<500	<5.0 J	<5.0	<5.0 J	<5.0 J	<5.0	<50 J	<50 J	<5.0 J
Chlorobenzene	5		<5.0	<5.0	<10	<5.0	<500	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<50	<5.0
1,1,2-Trichloro-1,2,2-trifluoroethane	5		<5.0	<5.0	<10	<5.0	<500 J	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<50	<5.0
Chloroethane	5		<5.0	<5.0	<10	<5.0	<500	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<50	<5.0
Chloroform	7		<5.0	<5.0	<10	<5.0	<500	**0.21 J**	<5.0	<5.0	<5.0	**0.56 J**	<50	<50	**0.18 J**
Chloromethane	5		<5.0	<5.0	<10	<5.0	<500	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<50	<5.0
Dibromochloromethane	50		<5.0	<5.0	<10	<5.0	<500	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<50	<5.0
1,1-Dichloroethane	5		<5.0	<5.0	<10	<5.0	<500	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<50	<5.0
1,2-Dichloroethane	0.6		<5.0	<5.0	<10	<5.0	<500	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<50	<5.0
1,1-Dichloroethene	5		<5.0	<5.0	<10	<5.0	<500 J	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<50	<5.0
1,2-Dichloropropane	1		<5.0	<5.0	<10	<5.0	<500	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<50	<5.0
cis-1,3-Dichloropropene	0.4*		<5.0	<5.0	<10	<5.0	<500	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<50	<5.0
Methyl acetate	-		<5.0	<5.0	<10	<5.0	<500	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<50	<5.0
trans-1,3-Dichloropropene	0.4*		<5.0	<5.0	<10	<5.0	<500	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<50	<5.0
Ethylbenzene	5		**2.0 J**	**33**	**3.0 J**	**10**	**5,300 J**	<5.0	<5.0	<5.0	<5.0	**7.8**	**1,700**	**1,800**	<5.0
2-Hexanone	50		<10 J	<10	<20	<10	<1,000 J	<10	<10	<10	<10	<10 J	<100	<100	<10
Methylene Chloride	5		<5.0	<5.0	<10	<5.0	<500 J	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<50	<5.0
methyl isobutyl ketone	-		<10 J	<10	<20	<10	<1,000 J	<10	<10	<10	<10	<10 J	<100	<100	<10
Styrene	5		**0.27 J**	**0.25 J**	<10	<5.0	**1,300 J**	<5.0	<5.0	<5.0	<5.0	**1.9 J**	<50	<50	<5.0
1,1,2,2-Tetrachloroethane	5		<5.0	<5.0	<10	<5.0	<500	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<50	<5.0
Tetrachloroethene	5		<5.0	<5.0	<10	<5.0	<500	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<50	<5.0
Toluene	5		**1.5 J**	**1.5 J**	**4.1 J**	**1.7 J**	**10,000 J**	<5.0	<5.0	<5.0	<5.0	**1.9 J**	**11 J**	**12 J**	<5.0
1,1,1-Trichloroethane	5		<5.0	<5.0	<10	<5.0	<500	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<50	<5.0
1,1,2-Trichloroethane	1		<5.0	<5.0	<10	<5.0	<500	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<50	<5.0
Trichloroethene	5		<5.0	<5.0	<10	<5.0	<500	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<50	<5.0
Vinyl chloride	2		<5.0	<5.0	<10	<5.0	<500	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<50	<5.0
Xylenes, Total	5		**2.7 J**	**27**	**15**	**16**	**2,900**	<5.0	<5.0	<5.0	<5.0	**4.7 J**	**310**	**330**	<5.0
cis-1,2-Dichloroethene	5		<5.0	<5.0	<10	<5.0	<500	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<50	<5.0
Cyclohexane	-		**2.0 J**	**0.68 J**	**18**	**32**	<500 J	<5.0	<5.0	<5.0	<5.0	<5.0	**45 J**	**47 J**	<5.0
trans-1,2-Dichloroethene	5		<5.0	<5.0	<10	<5.0	<500	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<50	<5.0
Isopropylbenzene	5		**5.8**	**5.6**	**17**	**12**	**8.9 J**	<5.0	<5.0	<5.0	<5.0	**0.12 J**	**54**	**60**	<5.0
1,3-Dichlorobenzene	3		<5.0	<5.0	<10	<5.0	<500	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<50	<5.0
1,4-Dichlorobenzene	3		<5.0	<5.0	<10	<5.0	<500	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<50	<5.0
1,2-Dichlorobenzene	3		<5.0	<5.0	<10	<5.0	<500	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<50	<5.0
1,2-Dibromo-3-Chloropropane	0.04		<5.0	<5.0	<10	<5.0	<500	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<50	<5.0
1,2,4-Trichlorobenzene	5		<5.0	<5.0	<10	<5.0	<500	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<50	<5.0
1,2-Dibromoethane	0.0006		<5.0	<5.0	<10	<5.0	<500	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<50	<5.0
Methyl tert-butyl ether	10		<5.0	<5.0	**5.1 J**	<5.0	<500 J	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<50	**1.0 J**
Methylcyclohexane	-		**3.5 J**	**2.3 J**	**17**	**17**	<500	<5.0	<5.0	<5.0	<5.0	**0.28 J**	**51**	**54**	<5.0
1,4-Dioxane	-		R	R	R	R	R	R	R	R	R	R	R	R	R
n-Butylbenzene	5		**0.57 J**	**0.64 J**	<10	**0.66 J**	<500	<5.0	<5.0	<5.0	<5.0	**0.15 J**	<50	<50	<5.0
n-Propylbenzene	5		**3.2 J**	**2.2 J**	**8.5 J**	**6.8**	**17 J**	<5.0	<5.0	<5.0	<5.0	**0.24 J**	**28 J**	**31 J**	<5.0
sec-Butylbenzene	5		**0.27 J**	**0.31 J**	**0.48 J**	**0.54 J**	<500	<5.0 J	<5.0	<5.0 J	<5.0 J	<5.0	<50 J	<50 J	<5.0 J
tert-Butylbenzene	5		<5.0	<5.0 J	<10 J	<5.0	<500	<5.0 J	<5.0	<5.0 J	<5.0 J	<5.0	<50 J	<50 J	<5.0 J
1,2,4-Trimethylbenzene	5		**7.8**	**42**	**19**	**33**	**160 J**	<5.0	<5.0	<5.0	<5.0	**1.5 J**	**140**	**160**	<5.0
1,3,5-Trimethylbenzene	5		<5.0	**0.54 J**	**1.2 J**	**3.4 J**	**65 J**	<5.0	<5.0	<5.0	<5.0	**0.78 J**	**28 J**	**31 J**	<5.0

See footnotes on last page.

Table 25. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Monitoring Wells, Former Dangman Park MGP Site, Brooklyn, New York.

Compound (Units in ug/L)	NYSDEC TOGS (1.1.1) SGV (ug/L)	Sample ID:	MW-13	MW-14	MW-15	MW-16	MW-17	MW-18	MW-19	MW-20
		Screen Interval (ft bls):	75 - 85	80 - 90	6 - 16	30 - 40	85 - 95	70 - 80	65 - 75	80 - 95
		Sample Date:	3/23/2012	3/21/2012	3/21/2012	3/21/2012	3/21/2012	3/23/2012	3/23/2012	12/10/13
Acetone	50		<10	<10	<10	<10	<10	<50 J	<10 J	<10
Dichlorodifluoromethane	5		<5.0 J	<5.0	<5.0	<5.0	<5.0	<25 J	<5.0 J	<5.0
Benzene	1		**0.41 J**	**2.5 J**	**0.28 J**	**0.14 J**	**6.4**	**7.9 J**	**0.11 J**	**0.55 J**
Bromodichloromethane	50		<5.0	<5.0	<5.0	<5.0	<5.0	<25	<5.0	<5.0
Bromoform	50		<5.0	<5.0	<5.0	<5.0	<5.0	<25	<5.0	<5.0
Bromomethane	5		<5.0 J	<5.0	<5.0	<5.0	<5.0	<25 J	<5.0 J	<5.0
Methyl Ethyl Ketone	50		<10	<10	<10	<10	<10	<50	<10	<10
Trichlorofluoromethane	5		<5.0	<5.0	<5.0	<5.0	<5.0	<25	<5.0	<5.0
Carbon disulfide	60		<5.0 J	**0.44 J**	<5.0 J	<5.0	<5.0	<25 J	<5.0 J	<5.0
Carbon tetrachloride	5		<5.0	<5.0	<5.0	<5.0	<5.0	<25	<5.0	<5.0
Chlorobenzene	5		<5.0	<5.0	<5.0	<5.0	<5.0	<25	<5.0	<5.0
1,1,2-Trichloro-1,2,2-trifluoroethane	5		<5.0	<5.0	<5.0	<5.0	<5.0	<25	<5.0	<5.0
Chloroethane	5		<5.0	<5.0	<5.0	<5.0	<5.0	<25	<5.0	<5.0
Chloroform	7		**5.7**	**1.5 J**	<5.0	**0.43 J**	**2.0 J**	**4.5 J**	**3.4 J**	<5.0 B
Chloromethane	5		<5.0	<5.0	<5.0	<5.0	<5.0	<25	<5.0	<5.0
Dibromochloromethane	50		<5.0	<5.0	<5.0	<5.0	<5.0	<25	<5.0	<5.0
1,1-Dichloroethane	5		<5.0	<5.0	<5.0	<5.0	<5.0	<25	<5.0	<5.0
1,2-Dichloroethane	0.6		<5.0	<5.0	<5.0	<5.0	<5.0	<25	<5.0	<5.0
1,1-Dichloroethene	5		<5.0	<5.0	<5.0	<5.0	<5.0	<25	<5.0	<5.0
1,2-Dichloropropane	1		<5.0	<5.0	<5.0	<5.0	<5.0	<25	<5.0	<5.0
cis-1,3-Dichloropropene	0.4*		<5.0	<5.0	<5.0	<5.0	<5.0	<25	<5.0	<5.0
Methyl acetate	-		<5.0	<5.0	<5.0	<5.0	<5.0	<25	<5.0	<5.0
trans-1,3-Dichloropropene	0.4*		<5.0	<5.0	<5.0	<5.0	<5.0	<25	<5.0	<5.0
Ethylbenzene	5		**3.1 J**	**67**	**4.2 J**	<5.0	**110**	**270**	**1.1 J**	<5.0
2-Hexanone	50		<10 J	<10	<10	<10	<10	<50 J	<10 J	<10
Methylene Chloride	5		<5.0 B	<5.0 B	<5.0 B	<5.0	<5.0	<25 B	<5.0 B	<5.0
methyl isobutyl ketone	-		<10 J	<10	<10	<10	<10	<50 J	<10 J	<10
Styrene	5		**0.24 J**	**11**	**5.0**	<5.0	**260**	**61**	**0.17 J**	<5.0
1,1,2,2-Tetrachloroethane	5		<5.0	<5.0	<5.0	<5.0	<5.0	<25	<5.0	<5.0
Tetrachloroethene	5		<5.0	<5.0	<5.0	<5.0	<5.0	<25	<5.0	<5.0
Toluene	5		**0.46 J**	**32**	**11**	<5.0	**220**	**100**	**0.33 J**	**0.21 J**
1,1,1-Trichloroethane	5		<5.0	<5.0	<5.0	<5.0	<5.0	<25	<5.0	<5.0
1,1,2-Trichloroethane	1		<5.0	<5.0	<5.0	<5.0	<5.0	<25	<5.0	<5.0
Trichloroethene	5		<5.0	<5.0	**0.34 J**	<5.0	<5.0	<25	<5.0	<5.0
Vinyl chloride	2		<5.0	<5.0	<5.0	<5.0	<5.0	<25	<5.0	<5.0
Xylenes, Total	5		**1.1 J**	**27**	**7.3**	<5.0	**220**	**100**	<5.0	<5.0
cis-1,2-Dichloroethene	5		<5.0	<5.0	<5.0	<5.0	<5.0	<25	<5.0	<5.0
Cyclohexane	-		<5.0	**0.28 J**	<5.0 J	<5.0	**1.9 J**	**1.8 J**	<5.0	<5.0
trans-1,2-Dichloroethene	5		<5.0	<5.0	<5.0	<5.0	<5.0	<25	<5.0	<5.0
Isopropylbenzene	5		<5.0	**1.2 J**	<5.0	<5.0	**1.5 J**	**4.7 J**	<5.0	<5.0 J
1,3-Dichlorobenzene	3		<5.0	<5.0	<5.0	<5.0	<5.0	<25	<5.0	<5.0
1,4-Dichlorobenzene	3		<5.0	<5.0	<5.0	<5.0	<5.0	<25	<5.0	<5.0
1,2-Dichlorobenzene	3		<5.0	<5.0	<5.0	<5.0	<5.0	<25	<5.0	<5.0
1,2-Dibromo-3-Chloropropane	0.04		<5.0	<5.0	<5.0	<5.0	<5.0	<25	<5.0	<5.0
1,2,4-Trichlorobenzene	5		<5.0	<5.0	<5.0	<5.0	<5.0	<25	<5.0	<5.0
1,2-Dibromoethane	0.0006		<5.0	<5.0	<5.0	<5.0	<5.0	<25	<5.0	<5.0
Methyl tert-butyl ether	10		<5.0	<5.0	<5.0	**0.34 J**	<5.0	<25	<5.0	<5.0
Methylcyclohexane	-		<5.0	**0.16 J**	<5.0	<5.0	**2.3 J**	**1.4 J**	<5.0	<5.0
1,4-Dioxane	-		R	R	R	R	R	R	R	<50
n-Butylbenzene	5		<5.0	<5.0	<5.0	<5.0	<5.0	<25	<5.0	<5.0
n-Propylbenzene	5		<5.0	**1.8 J**	<5.0	<5.0	**2.6 J**	**4.0 J**	<5.0	<5.0
sec-Butylbenzene	5		<5.0	<5.0	<5.0	<5.0	<5.0	<25	<5.0	<5.0 J
tert-Butylbenzene	5		<5.0	<5.0 J	<5.0 J	<5.0 J	<5.0 J	<25	<5.0	<5.0 J
1,2,4-Trimethylbenzene	5		**0.15 J**	**1.0 J**	**0.75 J**	<5.0	**25**	**4.3 J**	<5.0	<5.0
1,3,5-Trimethylbenzene	5		<5.0	**0.42 J**	**0.19 J**	<5.0	**9.9**	**0.95 J**	<5.0	<5.0

See footnotes on last page.

Table 25. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Monitoring Wells, Former Dangman Park MGP Site, Brooklyn, New York.

NYSDEC	New York State Department of Environmental Conservation.
TOGS	Technical and Operational Guidance Series.
SGV	Ambient Water Quality Standards and Guidance Values.
ug/L	Micrograms per liter.
B	Non-detect at laboratory Reporting Limit due to associated blank contamination.
J	Estimated value.
R	Result rejected.
ft bls	Feet below land surface.
*	Applies to the sum of cis- and trans-1,3-dichloropropene.
-	Not available.
Bold	Indicates detection above laboratory Method Detection Limit.
	Compound concentration exceeds SGV.

Table 26. Concentrations of Semi-Volatile Organic Compounds in Groundwater Samples Collected from Monitoring Wells, Former Dangman Park MGP Site, Brooklyn, New York.

Compound (Units in ug/L)	NYSDEC TOGS (1.1.1) SGV (ug/L)	Sample ID: / Screen Interval (ft bls): / Sample Date:	MW-1 6 - 16 3/22/2012	MW-2 6 - 16 3/26/2012	MW-3 6 - 16 3/26/2012	MW-4 6 - 16 3/26/2012	MW-5 30 - 40 3/22/2012	MW-6 6 - 16 3/27/2012	MW-7 6 - 16 3/28/2012	MW-8 6 - 16 3/27/2012	MW-9 5 - 15 3/27/2012	MW-10 90 - 100 3/22/2012	MW-11 30 - 40 3/28/2012	DUP032812 30 - 40 3/28/2012 MW-11 Duplicate	MW-12 30 - 40 3/28/2012	MW-13 75 - 85 3/23/2012	MW-14 80 - 90 3/21/2012
Phenol	1*		<11	<10	**5.3 J**	<10	<1,000 J	<10	<10	<10	<10	<11	<520 J	<520 J	<10	<10	<10
Bis(2-chloroethyl)ether	1		<1.1	<1.0	<1.0	<1.0	<100 J	<1.0	<1.0	<1.0	<1.0	<1.1	<52 J	<52 J	<1.0	<1.0	<1.0
2-Chlorophenol	1*		<11	<10	<10	<10	<1,000 J	<10	<10	<10	<10	<11	<520 J	<520 J	<10	<10	<10
Benzaldehyde	-		<11 J	<10 J	<10 J	<10 J	<1,000 J	<10 J	<10 J	<10 J	<10 J	<11 J	<520 J	<520 J	<10 J	<10 J	<10 J
2,2'-oxybis[1-chloropropane]	5		<11	<10	<10	<10	<1,000 J	<10	<10	<10	<10	<11	<520 J	<520 J	<10	<10	<10
2-Methylphenol	1*		<11	<10	<10	<10	<1,000 J	<10	<10	<10	<10	<11	<520 J	<520 J	<10	<10	<10
Hexachloroethane	5		<1.1	<1.0	<1.0	<1.0	<100 J	<1.0	<1.0	<1.0	<1.0	<1.1	<52 J	<52 J	<1.0	<1.0	<1.0
N-Nitrosodi-n-propylamine	-		<1.1	<1.0	<1.0	<1.0	<100 J	<1.0	<1.0	<1.0	<1.0	<1.1	<52 J	<52 J	<1.0	<1.0	<1.0
3 & 4 Methylphenol	1*		<11	<10	<10	<10	<1,000 J	<10	<10	<10	<10	<11	<520 J	<520 J	<10	<10	<10
Nitrobenzene	0.4		<1.1	<1.0	<1.0	<1.0	<100 J	<1.0	<1.0	<1.0	<1.0	<1.1	<52 J	<52 J	<1.0	<1.0	<1.0
Isophorone	50		<11	<10	<10	<10	<1,000 J	<10	<10	<10	<10	<11	<520 J	<520 J	<10	<10	<10
2-Nitrophenol	1*		<11	<10	<10	<10	<1,000 J	<10	<10	<10	<10	<11	<520 J	<520 J	<10	<10	<10
Acetophenone	-		<11	<10	<10	<10	<1,000 J	<10	<10	<10	<10	<11	<520 J	<520 J	<10	<10	<10
2,4-Dimethylphenol	50		<11	<10	<10	<10	<1,000 J	<10	<10	<10	<10	<11	<520 J	<520 J	<10	<10	<10
Bis(2-chloroethoxy)methane	5		<11	<10	<10	<10	<1,000 J	<10	<10	<10	<10	<11	<520 J	<520 J	<10	<10	<10
2,4-Dichlorophenol	5		<11	<10	<10	<10	<1,000 J	<10	<10	<10	<10	<11	<520 J	<520 J	<10	<10	<10
Naphthalene	10		**28**	**120**	**100**	**130**	**12,000 J**	<10	<10	<10	<10	**140**	**6,100 J**	**6,500 J**	<10	**12**	**150**
4-Chloroaniline	5		<11	<10	<10	<10	<1,000 J	<10	<10	<10	<10	<11	<520 J	<520 J	<10	<10	<10
Hexachlorobutadiene	0.5		<2.3	<2.0	<2.0	<2.0	<200 J	<2.0	<2.1	<2.0	<2.0	<2.1	<100 J	<100 J	<2.1	<2.0	<2.1
4-Chloro-3-methylphenol	1*		<11	<10	<10	<10	<1,000 J	<10	<10	<10	<10	<11	<520 J	<520 J	<10	<10	<10
2-Methylnaphthalene	-		**4.8 J**	<10	**25**	**18**	**770 J**	<10	<10	<10	<10	**46**	**440 J**	**490 J**	<10	<10	<10
Hexachlorocyclopentadiene	5		<11	<10	<10	<10	<1,000 J	<10	<10	<10	<10	<11	<520 J	<520 J	<10	<10	<10 J
2,4,6-Trichlorophenol	1*		<11	<10	<10	<10	<1,000 J	<10	<10	<10	<10	<11	<520 J	<520 J	<10	<10	<10
2,4,5-Trichlorophenol	1*		<11	<10	<10	<10	<1,000 J	<10	<10	<10	<10	<11	<520 J	<520 J	<10	<10	<10
2-Chloronaphthalene	10		<11	<10	<10	<10	<1,000 J	<10	<10	<10	<10	<11	<520 J	<520 J	<10	<10	<10
2-Nitroaniline	5		<23	<20	<20	<20	<2,000 J	<20	<21	<20	<20	<21	<1,000 J	<1,000 J	<21	<20	<21
Acenaphthylene	-		**5.5 J**	<10	<10	<10	**640 J**	<10	<10	<10	<10	**34**	<520 J	<520 J	<10	<10	**13**
Caprolactam	-		<11	<10	<10	<10	<1,000 J	<10	<10	<10	<10	<11	<520 J	<520 J	<10	<10	<10
Dimethyl phthalate	50		<11	<10	<10	<10	<1,000 J	<10	<10	<10	<10	<11	<520 J	<520 J	<10	<10	<10
2,6-Dinitrotoluene	5		<2.3	<2.0	<2.0	<2.0	<200 J	<2.0	<2.1	<2.0	<2.0	<2.1	<100 J	<100 J	<2.1	<2.0	<2.1
Acenaphthene	20		**83**	**190**	**120**	**140**	<1,000 J	<10	<10	<10	<10	**7.9 J**	**420 J**	**450 J**	<10	<10	<10
3-Nitroaniline	5		<23	<20	<20	<20	<2,000 J	<20	<21	<20	<20	<21	<1,000 J	<1,000 J	<21	<20	<21
2,4-Dinitrophenol	10		<34	<30 J	<30 J	<30 J	<3,100 J	<30	<31	<31	<31	<32	<1,500 J	<1,500 J	<31	<31	<31
Dibenzofuran	-		<11	<10	<10	<10	<1,000 J	<10	<10	<10	<10	<11	<520 J	<520 J	<10	<10	<10
2,4-Dinitrotoluene	5		<2.3	<2.0	<2.0	<2.0	<200 J	<2.0	<2.1	<2.0	<2.0	<2.1	<100 J	<100 J	<2.1	<2.0	<2.1
4-Nitrophenol	1*		<34	<30	<30	<30	<3,100 J	<30	<31	<31	<31	<32	<1,500 J	<1,500 J	<31	<31	<31
Fluorene	50		**14**	**23**	**30**	**28**	<1,000 J	<10	<10	<10	<10	**18**	<520 J	<520 J	<10	<10	<10
1,1'-Biphenyl	5		<11	**28**	<10	<10	<1,000 J	<10	<10	<10	<10	**16**	<520 J	<520 J	<10	<10	<10
4-Chlorophenyl phenyl ether	-		<11	<10	<10	<10	<1,000 J	<10	<10	<10	<10	<11	<520 J	<520 J	<10	<10	<10
Diethyl phthalate	50		<11	<10	<10	<10	<1,000 J	<10	<10	<10	<10	<11	<520 J	<520 J	<10	<10	<10
4-Nitroaniline	5		<23	<20	<20	<20	<2,000 J	<20	<21	<20	<20	<21	<1,000 J	<1,000 J	<21	<20	<21
4,6-Dinitro-2-methylphenol	1*		<34	<30	<30	<30	<3,100 J	<30	<31	<31	<31	<32	<1,500 J	<1,500 J	<31	<31	<31
N-Nitrosodiphenylamine	50		<11	<10	<10	<10	<1,000 J	<10	<10	<10	<10	<11	<520 J	<520 J	<10	<10	<10
4-Bromophenyl phenyl ether	-		<11	<10	<10	<10	<1,000 J	<10	<10	<10	<10	<11	<520 J	<520 J	<10	<10	<10
Hexachlorobenzene	0.04		<1.1	<1.0	<1.0	<1.0	<100 J	<1.0	<1.0	<1.0	<1.0	<1.1	<52 J	<52 J	<1.0	<1.0	<1.0
Pentachlorophenol	1*		<34	<30	<30	<30	<3,100 J	<30	<31	<31	<31	<32	<1,500 J	<1,500 J	<31	<31	<31
Phenanthrene	50		**10 J**	**96**	**44**	**68**	<1,000 J	<10	<10	<10	<10	**22**	<520 J	<520 J	<10	**4.6 J**	**4.5 J**
Carbazole	-		<11	<10	<10	<10	<1,000 J	<10	<10	<10	<10	<11	<520 J	<520 J	<10	<10	<10
Anthracene	50		**3.4 J**	**16**	**9.5 J**	**12**	<1,000 J	<10	<10	<10	<10	<11	<520 J	<520 J	<10	<10	<10
Di-n-butyl phthalate	50		<11	<10	<10	<10	<1,000 J	<10	<10	<10	<10	<11	<520 J	<520 J	<10	<10	<10
Fluoranthene	50		**4.6 J**	**16**	**5.7 J**	**14**	<1,000 J	<10	<10	<10	<10	<11	<520 J	<520 J	<10	<10	<10
Pyrene	50		**6.9 J**	**21**	**7.2 J**	**18**	<1,000 J	<10	<10	<10	<10	<11	<520 J	<520 J	<10	<10	<10
Butyl benzyl phthalate	50		<11	<10	<10	<10	<1,000 J	<10	<10	<10	<10	<11	<520 J	<520 J	<10	<10	<10
3,3'-Dichlorobenzidine	5		<23	<20	<20	<20	<2,000 J	<20	<21	<20	<20	<21	<1,000 J	<1,000 J	<21	<20	<21
Benzo[a]anthracene	0.002		<1.1	**2.8**	<1.0	**1.5**	<100 J	<1.0	<1.0	<1.0	<1.0	<1.1	<52 J	<52 J	<1.0	<1.0	<1.0
Chrysene	0.002		<11	<10	<10	<10	<1,000 J	<10	<10	<10	<10	<11	<520 J	<520 J	<10	<10	<10
Bis(2-ethylhexyl) phthalate	5		<11	<10	<10	<10	<1,000 J	<10	<10	<10	<10	<11	<520 J	<520 J	<10	<10	<10
Di-n-octyl phthalate	50		<11	<10	<10	<10	<1,000 J	<10	<10	<10	<10	<11	<520 J	<520 J	<10	<10	<10
Benzo[b]fluoranthene	0.002		<1.1	**1.6**	<1.0	<1.0	<100 J	<1.0	<1.0	<1.0	<1.0	<1.1	<52 J	<52 J	<1.0	<1.0	<1.0
Atrazine	7.5		<11 J	<10	<10	<10	<1,000 J	<10	<10 J	<10	<10	<11 J	<520 J	<520 J	<10 J	<10 J	<10
Benzo[k]fluoranthene	0.002		<1.1	<1.0	<1.0	<1.0	<100 J	<1.0	<1.0	<1.0	<1.0	<1.1	<52 J	<52 J	<1.0	<1.0	<1.0
Benzo[a]pyrene	ND		<1.1	**2.1**	**1.1**	<1.0	<100 J	<1.0	<1.0	<1.0	<1.0	<1.1	<52 J	<52 J	<1.0	<1.0	<1.0
Indeno[1,2,3-cd]pyrene	0.002		<1.1	<1.0	<1.0	<1.0	<100 J	<1.0	<1.0	<1.0	<1.0	<1.1	<52 J	<52 J	<1.0	<1.0	<1.0
Dibenz(a,h)anthracene	-		<1.1	<1.0	<1.0	<1.0	<100 J	<1.0	<1.0	<1.0	<1.0	<1.1	<52 J	<52 J	<1.0	<1.0	<1.0
Benzo[g,h,i]perylene	-		<11	<10	<10	<10	<1,000 J	<10	<10	<10	<10	<11	<520 J	<520 J	<10	<10	<10

See footnotes on last page.

Table 26. Concentrations of Semi-Volatile Organic Compounds in Groundwater Samples Collected from Monitoring Wells, Former Dangman Park MGP Site, Brooklyn, New York.

Compound (Units in ug/L)	NYSDEC TOGS (1.1.1) SGV (ug/L)	Sample ID: / Screen Interval (ft bls): / Sample Date:	MW-15 6 - 16 3/21/2012	MW-16 30 - 40 3/21/2012	MW-17 85 - 95 3/21/2012	MW-18 70 - 80 3/23/2012	MW-19 65 - 75 3/23/2012	MW-20 80 - 95 12/10/13
Phenol	1*		<10	<10	<52	<100 J	<10	<10
Bis(2-chloroethyl)ether	1		<1.0	<1.0	<5.2	<10 J	<1.0	<1.0 J
2-Chlorophenol	1*		<10	<10	<52	<100 J	<10	<10
Benzaldehyde	-		<10 J	<10 J	<52 J	<100 J	<10 J	<10
2,2'-oxybis[1-chloropropane]	5		<10	<10	<52	<100 J	<10	<10
2-Methylphenol	1*		<10	<10	<52	<100 J	<10	<10
Hexachloroethane	5		<1.0	<1.0	<5.2	<10 J	<1.0	<1.0
N-Nitrosodi-n-propylamine	-		<1.0	<1.0	<5.2	<10 J	<1.0	<1.0
3 & 4 Methylphenol	1*		<10	<10	<52	<100 J	<10	<10
Nitrobenzene	0.4		<1.0	<1.0	<5.2	<10 J	<1.0	<1.0 J
Isophorone	50		<10	<10	<52	<100 J	<10	<10
2-Nitrophenol	1*		<10	<10	<52	<100 J	<10	<10
Acetophenone	-		<10	<10	<52	<100 J	<10	<10
2,4-Dimethylphenol	50		<10	<10	<52	<100 J	<10	<10
Bis(2-chloroethoxy)methane	5		<10	<10	<52	<100 J	<10	<10
2,4-Dichlorophenol	5		<10	<10	<52	<100 J	<10	<10
Naphthalene	10		<10	<10	**1,100**	**1,100 J**	**3.7 J**	<10
4-Chloroaniline	5		<10	<10	<52	<100 J	<10	<1.0
Hexachlorobutadiene	0.5		<2.0	<2.0	<10	<20 J	<2.0	<2.1
4-Chloro-3-methylphenol	1*		<10	<10	<52	<100 J	<10	<10
2-Methylnaphthalene	-		<10	<10	**46 J**	<100 J	<10	<10
Hexachlorocyclopentadiene	5		<10 J	<10 J	<52 J	<100 J	<10	<10
2,4,6-Trichlorophenol	1*		<10	<10	<52	<100 J	<10	<10
2,4,5-Trichlorophenol	1*		<10	<10	<52	<100 J	<10	<10
2-Chloronaphthalene	10		<10	<10	<52	<100 J	<10	<10
2-Nitroaniline	5		<20	<20	<100	<200 J	<20	<21
Acenaphthylene	-		<10	<10	**54**	**35 J**	<10	<10
Caprolactam	-		<10	<10	<52	<100 J	<10	<10
Dimethyl phthalate	50		<10	<10	<52	<100 J	<10	<10
2,6-Dinitrotoluene	5		<2.0	<2.0	<10	<20 J	<2.0	<2.1
Acenaphthene	20		**20**	**4.2 J**	<52	<100 J	<10	<10
3-Nitroaniline	5		<20	<20	<100	<200 J	<20	<21
2,4-Dinitrophenol	10		<31	<31	<150	<310 J	<31	<31
Dibenzofuran	-		<10	<10	<52	<100 J	<10	<10
2,4-Dinitrotoluene	5		<2.0	<2.0	<10	<20 J	<2.0	<2.1
4-Nitrophenol	1*		<31	<31	<150	<310 J	<31	<31
Fluorene	50		**7.7 J**	<10	<52	<100 J	<10	<10
1,1'-Biphenyl	5		<10	<10	<52	<100 J	<10	<10
4-Chlorophenyl phenyl ether	-		<10	<10	<52	<100 J	<10	<10
Diethyl phthalate	50		<10	<10	<52	<100 J	<10	<10
4-Nitroaniline	5		<20	<20	<100	<200 J	<20	<21
4,6-Dinitro-2-methylphenol	1*		<31	<31	<150	<310 J	<31	<31
N-Nitrosodiphenylamine	50		<10	<10	<52	<100 J	<10	<10
4-Bromophenyl phenyl ether	-		<10	<10	<52	<100 J	<10	<10
Hexachlorobenzene	0.04		<1.0	<1.0	<5.2	<10 J	<1.0	<1.0
Pentachlorophenol	1*		<31	<31	<150	<310 J	<31	<31
Phenanthrene	50		**9.1 J**	**6.0 J**	<52	<100 J	<10	<10
Carbazole	-		<10	<10	<52	<100 J	<10	<10
Anthracene	50		**3.3 J**	<10	<52	<100 J	<10	<10
Di-n-butyl phthalate	50		<10	<10	<52	<100 J	<10	<10
Fluoranthene	50		**7.8 J**	<10	<52	<100 J	<10	<10
Pyrene	50		**9.8 J**	**3.8 J**	<52	<100 J	<10	<10
Butyl benzyl phthalate	50		<10	<10	<52	<100 J	<10	<10
3,3'-Dichlorobenzidine	5		<20	<20	<100	<200 J	<20	<21
Benzo[a]anthracene	0.002		**1.4**	**0.34 J**	<5.2	<10 J	<1.0	<1.0
Chrysene	0.002		<10	<10	<52	<100 J	<10	<10
Bis(2-ethylhexyl) phthalate	5		<10	<10	<52	<100 J	<10	<10
Di-n-octyl phthalate	50		<10	<10	<52	<100 J	<10	<10
Benzo[b]fluoranthene	0.002		**0.34 J**	<1.0	<5.2	<10 J	<1.0	<1.0
Atrazine	7.5		<10	<10	<52	<100 J	<10 J	<10
Benzo[k]fluoranthene	0.002		<1.0	<1.0	<5.2	<10 J	<1.0	<1.0
Benzo[a]pyrene	ND		**0.68 J**	<1.0	<5.2	<10 J	<1.0	<1.0
Indeno[1,2,3-cd]pyrene	0.002		<1.0	<1.0	<5.2	<10 J	<1.0	<1.0
Dibenz(a,h)anthracene	-		<1.0	<1.0	<5.2	<10 J	<1.0	<1.0
Benzo[g,h,i]perylene	-		<10	<10	<52	<100 J	<10	<10

See footnotes on last page.

Table 26. Concentrations of Semi-Volatile Organic Compounds in Groundwater Samples Collected from Monitoring Wells, Former Dangman Park MGP Site, Brooklyn, New York.

NYSDEC	New York State Department of Environmental Conservation.
TOGS	Technical and Operational Guidance Series.
SGV	Ambient Water Quality Standards and Guidance Values.
ug/L	Micrograms per liter.
J	Estimated value.
*	Applies to the sum of these substances.
-	Not available.
Bold	Indicates detection above laboratory Method Detection Limit.
	Compound concentration exceeds SGV.

Table 27. Concentrations of Total Cyanide in Groundwater Samples Collected from Monitoring Wells, Former Dangman Park MGP Site, Brooklyn, New York.

Compound (Units in mg/L)	NYSDEC TOGS (1.1.1) SGV (mg/L)	Sample ID: / Screen Interval (ft bls): / Sample Date:	MW-1 6 - 16 3/22/2012	MW-2 6 - 16 3/26/2012	MW-3 6 - 16 3/26/2012	MW-4 6 - 16 3/26/2012	MW-5 30 - 40 3/22/2012	MW-6 6 - 16 3/27/2012	MW-7 6 - 16 3/28/2012	MW-8 6 - 16 3/27/2012	MW-9 5 - 15 3/27/2012	MW-10 90 - 100 3/22/2012	MW-11 30 - 40 3/28/2012
Total Cyanide	0.2		**0.019**	**0.0037 J**	**0.12**	**0.018**	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01

NYSDEC	New York State Department of Environmental Conservation.
TOGS	Technical and Operational Guidance Series.
SGV	Ambient Water Quality Standards and Guidance Values.
mg/L	Milligrams per liter.
J	Estimated value.
ft bls	Feet below land surface.
Bold	Indicates detection above laboratory Method Detection Limit.

Table 27. Concentrations of Total Cyanide in Groundwater Samples Collected from Monitoring Wells, Former Dangman Park MGP Site, Brooklyn, New York.

Compound (Units in mg/L)	NYSDEC TOGS (1.1.1) SGV (mg/L)	Sample ID:	DUP032812	MW-12	MW-13	MW-14	MW-15	MW-16	MW-17	MW-18	MW-19	MW-20
		Screen Interval (ft bls):	30 - 40	30 - 40	75 - 85	80 - 90	6 - 16	30 - 40	85 - 95	70 - 80	65 - 75	80 - 95
		Sample Date:	3/28/2012	3/28/2012	3/23/2012	3/21/2012	3/21/2012	3/21/2012	3/21/2012	3/23/2012	3/23/2012	12/10/13
			MW-11 Duplicate									
Total Cyanide	0.2		<0.01	<0.01	<0.01	<0.01	<0.01	**0.0042 J**	<0.01	<0.01	<0.01	<10

NYSDEC	New York State Department of Environmental Conservation.
TOGS	Technical and Operational Guidance Series.
SGV	Ambient Water Quality Standards and Guidance Values.
mg/L	Milligrams per liter.
J	Estimated value.
ft bls	Feet below land surface.
Bold	Indicates detection above laboratory Method Detection Limit.

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Table 28. Concentrations of Metals in Groundwater Samples Collected from Monitoring Wells, Former Dangman Park MGP Site, Brooklyn, New York.

Compound (Units in ug/L)	NYSDEC TOGS (1.1.1) SGV (ug/L)	Sample ID:	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9	MW-10	MW-11
		Screen Interval (ft bls):	6 - 16	6 - 16	6 - 16	6 - 16	30 - 40	6 - 16	6 - 16	6 - 16	5 - 15	90 - 100	30 - 40
		Sample Date:	3/22/2012	3/26/2012	3/26/2012	3/26/2012	3/22/2012	3/27/2012	3/28/2012	3/27/2012	3/27/2012	3/22/2012	3/28/2012
Aluminum	-		**905**	**562**	**547**	**124 J**	**197 J**	**136 J**	**1,540**	**103 J**	**102 J**	**472**	**645**
Antimony	3		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Arsenic	25		**14.5**	<5.00	**11.6**	**8.40**	**6.80**	<5.00	**5.80**	<5.00	<5.00	**9.30**	<5.00
Barium	1,000		**135 J**	**138 J**	**173 J**	**316**	**613**	**88.8 J**	**26.9 J**	**40.4 J**	**82.1 J**	**129 J**	**867**
Beryllium	3		<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00
Cadmium	5		<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Calcium	-		**113,000**	**110,000**	**240,000**	**187,000**	**65,700**	**227,000**	**98,400**	**166,000**	**84,800**	**314,000**	**206,000**
Chromium	50		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	**12.6**	<10.0	<10.0	**10.8**	**12.6**
Cobalt	-		<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Copper	200		<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	**13.1 J**	<25.0	**9.40 J**	<25.0	<25.0
Iron	300		**22,100**	**11,100**	**52,600**	**31,100**	**3,020**	**284**	**3,000**	**1,820**	**144 J**	**1,470**	**19,900**
Lead	25		<5.00	<5.00	**5.80**	<5.00	<5.00	<5.00	**4.60 J**	<5.00	<5.00	<5.00	<5.00
Magnesium	35,000		**12,800**	**12,200**	**33,400**	**28,000**	**94,500**	**13,700**	**142,000**	**106,000**	**7,480**	**883,000**	**91,400**
Manganese	300		**1,460**	**4,800**	**5,740**	**4,600**	**3,520**	**65.1**	**56.1**	**13.4 J**	**5.30 J**	**9,640**	**4,640**
Nickel	100		**9.50 J**	**5.10 J**	**7.50 J**	<40.0	<40.0	**8.50 J**	**12.1 J**	<40.0	<40.0	**8.30 J**	**13.0 J**
Potassium	-		**13,800**	**11,300**	**18,000**	**15,100**	**29,300**	**10,400**	**52,200**	**34,100**	**2,060 J**	**239,000**	**43,900**
Selenium	10		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Silver	50		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Sodium	20,000		**202,000**	**182,000**	**143,000**	**158,000**	**750,000**	**115,000**	**1,230,000**	**623,000**	**15,000**	**6,870,000 B**	**609,000**
Thallium	0.5		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Vanadium	-		**4.10 J**	<50.0	<50.0	<50.0	<50.0	<50.0	**6.10 J**	<50.0	<50.0	<50.0	<50.0
Zinc	2,000		**15.6 J**	**8.40 J**	**24.5 J**	**7.40 J**	**6.30 J**	**137**	**183**	**15.9 J**	**33.5**	**12.0 J**	**15.3 J**
Mercury	0.7		<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

NYSDEC	New York State Department of Environmental Conservation.
TOGS	Technical and Operational Guidance Series.
SGV	Ambient Water Quality Standards and Guidance Values.
ug/L	Micrograms per liter.
B	Analyte was detected in the blank and sample.
J	Sample result is greater than the MDL but below the CRDL.
ft bls	Feet below land surface.
Bold	Indicates detection above laboratory Method Detection Limit.
	Compound concentration exceeds SGV.

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Table 28. Concentrations of Metals in Groundwater Samples Collected from Monitoring Wells, Former Dangman Park MGP Site, Brooklyn, New York.

Compound (Units in ug/L)	NYSDEC TOGS (1.1.1) SGV (ug/L)	Sample ID:	DUP032812 MW-11 Duplicate	MW-12	MW-13	MW-14	MW-15	MW-16	MW-17	MW-18	MW-19	MW-20
		Screen Interval (ft bls):	30 - 40	30 - 40	75 - 85	80 - 90	6 - 16	30 - 40	85 - 95	70 - 80	65 - 75	80 - 95
		Sample Date:	3/28/2012	3/28/2012	3/23/2012	3/21/2012	3/21/2012	3/21/2012	3/21/2012	3/23/2012	3/23/2012	12/10/13
Aluminum	-		**381**	**1,840**	**388**	**128 J**	**1,820**	**106 J**	**951**	**520**	**1,020**	**1,230**
Antimony	3		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<80.0
Arsenic	25		<5.00	<5.00	**11.6**	**5.20**	<5.00	<5.00	<5.00	<5.00	**6.80**	<60.0
Barium	1,000		**878**	**308**	**114 J**	**105 J**	**243**	**193 J**	**107 J**	**192 J**	**176 J**	**139 J**
Beryllium	3		<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<8.00
Cadmium	5		<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<16.0
Calcium	-		**204,000**	**155,000**	**275,000**	**267,000**	**114,000**	**94,100**	**274,000**	**227,000**	**247,000**	**260,000**
Chromium	50		**6.20 J**	**83.5**	<10.0	<10.0	**23.2**	<10.0	**15.0**	**6.40 J**	**22.4**	<40.0
Cobalt	-		<50.0	**8.40 J**	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<200
Copper	200		<25.0	**8.80 J**	<25.0	<25.0	<25.0	<25.0	<25.0	**27.5**	<25.0	<100
Iron	300		**19,600**	**6,530**	**3,970**	**2,150**	**6,090**	**2,320**	**2,230**	**5,350**	**18,300**	**5,570**
Lead	25		<5.00	<5.00	<5.00	<5.00	**28.0**	<5.00	<5.00	<5.00	<5.00	<40.0
Magnesium	35,000		**94,000**	**83,000**	**788,000**	**793,000**	**16,500**	**70,800**	**803,000**	**622,000**	**660,000**	**744,000**
Manganese	300		**4,630**	**7,720**	**7,820**	**4,440**	**1,970**	**5,220**	**2,940**	**6,480**	**8,040**	**2,950**
Nickel	100		**5.90 J**	**99.8**	<40.0	<40.0	**36.1 J**	**7.70 J**	**11.5 J**	**5.50 J**	**13.3 J**	<160
Potassium	-		**43,100**	**24,400**	**187,000**	**199,000**	**13,800**	**24,100**	**210,000**	**154,000**	**169,000**	**211,000**
Selenium	10		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<80.0
Silver	50		<10.0	<10.0	<10.0	<50.0	<10.0	<10.0	<10.0	<10.0	<10.0	<40.0
Sodium	20,000		**617,000**	**678,000**	**6,320,000**	**6,210,000**	**356,000**	**810,000**	**6,270,000**	**4,870,000**	**5,230,000**	**5,950,000**
Thallium	0.5		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<80.0
Vanadium	-		<50.0	**4.80 J**	<50.0	<50.0	**4.70 J**	<50.0	<50.0	<50.0	<50.0	<200
Zinc	2,000		**11.4 J**	**27.7 J**	**6.80 J**	<30.0	**47.0**	**7.30 J**	**10.5 J**	**12.6 J**	**13.1 J**	<120
Mercury	0.7		<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

NYSDEC	New York State Department of Environmental Conservation.
TOGS	Technical and Operational Guidance Series.
SGV	Ambient Water Quality Standards and Guidance Values.
ug/L	Micrograms per liter.
B	Analyte was detected in the blank and sample.
J	Sample result is greater than the MDL but below the CRDL.
ft bls	Feet below land surface.
Bold	Indicates detection above laboratory Method Detection Limit.
	Compound concentration exceeds SGV.

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Table 29. Concentrations of Polychlorinated Biphenyls in Groundwater Samples Collected from Monitoring Wells, Former Dangman Park MGP Site, Brooklyn, New York.

Compound (Units in ug/L)	NYSDEC TOGS (1.1.1) SGV (ug/L)	Sample ID:	MW-5	MW-11	DUP032812 MW-11 Duplicate	MW-12	MW-16
		Screen Interval (ft bls):	30 - 40	30 - 40	30 - 40	30 - 40	30 - 40
		Sample Date:	3/22/2012	3/28/2012	3/28/2012	3/28/2012	3/21/2012
Aroclor 1016	-		<0.51 J	<0.51	<0.51	<0.51	<0.51
Aroclor 1221	-		<0.51	<0.51	<0.51	<0.51	<0.51
Aroclor 1232	-		<0.51	<0.51	<0.51	<0.51	<0.51
Aroclor 1242	-		<0.51	<0.51	<0.51	<0.51	<0.51
Aroclor 1248	-		<0.51	<0.51	<0.51	<0.51	<0.51
Aroclor 1254	-		<0.51	<0.51	<0.51	<0.51	<0.51
Aroclor 1260	-		<0.51 J	<0.51	<0.51	<0.51	<0.51
Total PCBs	0.09		ND	ND	ND	ND	ND

NYSDEC	New York State Department of Environmental Conservation.
TOGS	Technical and Operational Guidance Series.
SGV	Ambient Water Quality Standards and Guidance Values.
ug/L	Micrograms per liter.
J	Estimated value.
ND	Not detected above laboratory reporting limit.
ft bls	Feet below land surface.
Bold	Indicates detection above laboratory Method Detection Limit.

Table 30. Concentrations of Pesticides in Groundwater Samples Collected from Monitoring Wells, Former Dangman Park MGP Site, Brooklyn, New York.

Compound (Units in ug/L)	NYSDEC TOGS (1.1.1) SGV (ug/L)	Sample ID:	MW-5	MW-11	DUP032812 MW-11 Duplicate	MW-12	MW-16
		Screen Interval (ft bls):	30 - 40	30 - 40	30 - 40	30 - 40	30 - 40
		Sample Date:	3/22/2012	3/28/2012	3/28/2012	3/28/2012	3/21/2012
Aldrin	-		<0.051	<0.051	<0.051	<0.051	<0.051
Alpha-BHC	0.01		<0.051	<0.051	<0.051	<0.051	<0.051
Beta-BHC	0.04		<0.051	<0.051	<0.051	<0.051	<0.051
Delta-BHC	0.04		<0.051	<0.051	<0.051	<0.051	<0.051
Gamma-BHC (Lindane)	0.05		<0.051	<0.051	<0.051	<0.051	<0.051
4,4'-DDD	0.3		<0.051	<0.051	<0.051	<0.051	<0.051
4,4'-DDE	0.2		<0.051	<0.051	<0.051	<0.051	<0.051
4,4'-DDT	0.2		<0.051	<0.051	<0.051	<0.051	<0.051
Dieldrin	0.004		<0.051	<0.051	<0.051	<0.051	<0.051
Endosulfan I	-		<0.051	<0.051	<0.051	<0.051	<0.051
Endosulfan II	-		<0.051	<0.051	<0.051	<0.051	<0.051
Endosulfan Sulfate	-		<0.051	<0.051	<0.051	<0.051	<0.051
Endrin	-		**0.051**	<0.051	<0.051	<0.051	<0.051
Endrin Aldehyde	5		<0.051	<0.051	<0.051	<0.051	<0.051
Endrin Ketone	5		<0.051	<0.051	<0.051	<0.051	<0.051
Heptachlor	0.04		<0.051	<0.051	<0.051	<0.051	<0.051
Heptachlor Epoxide	0.03		<0.051	<0.051	<0.051	<0.051	<0.051
Methoxychlor	35		<0.051	<0.051	<0.051	<0.051	<0.051
Toxaphene	0.06		<0.51	<0.51	<0.51	<0.51	<0.51
Gamma-Chlordane	0.05		<0.051	<0.051	<0.051	<0.051	<0.051
Alpha-Chlordane	0.05		<0.051	<0.051	<0.051	<0.051	<0.051

NYSDEC	New York State Department of Environmental Conservation.
TOGS	Technical and Operational Guidance Series.
SGV	Ambient Water Quality Standards and Guidance Values.
ug/L	Micrograms per liter.
ft bls	Feet below land surface.
Bold	Indicates detection above laboratory Method Detection Limit.

Table 31. Concentrations of Volatile Organic Compounds in Soil Vapor Samples Collected from Soil Vapor Points, Former Dangman Park MGP Site, Brooklyn, New York.

Compound (Units in ug/m^3)	Sample ID:	SV-1	SV-2	SV-3	DUP032912	SV-4	AA-1
	Sample Date:	3/29/2012	3/29/2012	3/29/2012	3/29/2012	3/29/2012	3/29/2012
	Sample Type:	Soil Vapor	Soil Vapor	Soil Vapor	Soil Vapor SV-3 Duplicate	Soil Vapor	Ambient Air
Potential MGP-Related Constituents or Other Sources							
1,2,3-Trimethylbenzene		<1.97	<1.97	<1.97	<0.983	<1.97 J	<0.983
1,2,4-Trimethylbenzene		<1.97	<1.97	<1.97	<0.983	<1.97 J	<0.983
1,2,4,5-Tetramethylbenzene		<5.49	<5.49	<5.49	<2.74	<5.49 J	<2.74
1,3,5-Trimethylbenzene		<1.97	<1.97	<1.97	<0.983	<1.97 J	<0.983
2,2,4-Trimethylpentane		**49 J**	<1.87	<1.87	<0.934	<1.87 J	<0.934
o-Chlorotoluene		<2.07	<2.07	<2.07	<1.04	<2.07 J	<1.04
4-Ethyltoluene		**10.3 J**	<1.97	<1.97	<0.983	<1.97 J	<0.983
Benzene		**10.7**	<1.28	<1.28	<0.639	<1.28 J	<0.639
Carbon disulfide		**3.05**	<1.24	<1.24	<0.623	<1.24 J	<0.623
Cyclohexane		**14.4**	<1.38	<1.38	<0.688	<1.38 J	<0.688
Ethylbenzene		**4 J**	<1.74	<1.74	<0.869	<1.74 J	<0.869
Heptane		**12**	<1.64	<1.64	<0.82	<1.64 J	<0.82
n-Hexane		**30.9**	<1.41	<1.41	<0.705	<1.41 J	<0.705
p/m-Xylene		**5.56 J**	<3.47	<3.47	<1.74	<3.47 J	<1.74
o-Xylene		<1.74	<1.74	<1.74	<0.869	<1.74 J	<0.869
Naphthalene		<2.1	<2.1	<2.1	<1.05	<2.1 J	<1.05
Styrene		<1.7	<1.7	<1.7	<0.852	<1.7 J	<0.852
Thiophene		<1.38	<1.38	<1.38	<0.688	<1.38 J	<0.688
Toluene		**1.7 J**	**1.94**	<1.51	<0.754	<1.51 J	<0.754
Indane		**2.33 J**	<1.93	<1.93	<0.967	<1.93 J	<0.967
Indene		**1.94 J**	<1.9	<1.9	<0.95	<1.9 J	<0.95
1-Methylnaphthalene		<11.6	<11.6	<11.6	<5.82	<11.6 J	<5.82
2-Methylnaphthalene		<11.6 J	<11.6 J	<11.6 J	<5.82 J	<11.6 J	<5.82 J
Non-MGP-Related Constituents							
1,1,1-Trichloroethane		<2.18	<2.18	<2.18	<1.09	<2.18 J	<1.09
1,1,2,2-Tetrachloroethane		<2.75	<2.75	<2.75	<1.37	<2.75 J	<1.37
1,1,2-Trichloroethane		<2.18	<2.18	<2.18	<1.09	<2.18 J	<1.09
1,1-Dichloroethane		<1.62	<1.62	<1.62	<0.809	<1.62 J	<0.809
1,1-Dichloroethene		<1.58	<1.58	<1.58	<0.793	<1.58 J	<0.793
1,2,4-Trichlorobenzene		<2.97	<2.97	<2.97	<1.48	<2.97 J	<1.48
1,2-Dibromoethane		<3.07	<3.07	<3.07	<1.54	<3.07 J	<1.54
1,2-Dichlorobenzene		<2.4	<2.4	<2.4	<1.2	<2.4 J	<1.2
1,2-Dichloroethane		<1.62	<1.62	<1.62	<0.809	<1.62 J	<0.809
1,2-Dichloropropane		<1.85	<1.85	<1.85	<0.924	<1.85 J	<0.924
1,3-Butadiene		<0.885	<0.885	<0.885	<0.442	<0.885 J	<0.442
1,3-Dichlorobenzene		<2.4	<2.4	<2.4	<1.2	<2.4 J	<1.2
1,4-Dichlorobenzene		<2.4	<2.4	<2.4	<1.2	<2.4 J	<1.2
1,4-Dioxane		<1.44	<1.44	<1.44	<0.721	<1.44 J	<0.721
2-Butanone		**13.4**	**1.75**	<1.18	<0.59	<1.18 J	<0.59
2-Hexanone		<1.64	<1.64	<1.64	<0.82	<1.64 J	<0.82
3-Chloropropene		<1.25	<1.25	<1.25	<0.626	<1.25 J	<0.626
Acetone		<4.75	**9.93**	**6.84**	**6.79**	**4.8 J**	**6.06 J**
Bromodichloromethane		<2.68	<2.68	<2.68	<1.34	<2.68 J	<1.34
Bromoform		<4.14	<4.14	<4.14	<2.07	<4.14 J	<2.07
Bromomethane		<1.55	<1.55	<1.55	<0.777	<1.55 J	<0.777
Carbon tetrachloride		<2.52	<2.52	<2.52	<1.26	<2.52 J	<1.26
Chlorobenzene		<1.84	<1.84	<1.84	<0.921	<1.84 J	<0.921
Chloroethane		<1.06	<1.06	<1.06	<0.528	<1.06 J	<0.528
Chloroform		<1.95	<1.95	<1.95	**1.15**	<1.95 J	<0.977
Chloromethane		<0.826	<0.826	<0.826	<0.413	<0.826 J	**0.993**
cis-1,2-Dichloroethene		**90.4**	<1.58	<1.58	<0.793	<1.58 J	<0.793
cis-1,3-Dichloropropene		<1.82	<1.82	<1.82	<0.908	<1.82 J	<0.908
Dibromochloromethane		<3.41	<3.41	<3.41	<1.7	<3.41 J	<1.7
Dichlorodifluoromethane		<1.98	**2.13**	**15.5**	**6.33**	**2.75 J**	**2.13**
1,1,2-Trichloro-1,2,2-Trifluoroethane		<3.06	<3.06	<3.06	<1.53	<3.06 J	<1.53
1,2-Dichloro-1,1,2,2-tetrafluoroethane		<2.8	<2.8	<2.8	<1.4	<2.8 J	<1.4
Hexachlorobutadiene		<4.27	<4.27	<4.27	<2.13	<4.27 J	<2.13
iso-Propyl Alcohol		**2.97**	**2.95**	<2.46	<1.23	<2.46 J	<1.23
Methylene chloride		<6.95	**20.5**	<6.95	<3.47	<6.95 J	<3.47
4-Methyl-2-pentanone		**5.57**	<1.64	<1.64	<0.82	<1.64 J	<0.82

See footnotes on next page.

Table 31. Concentrations of Volatile Organic Compounds in Soil Vapor Samples Collected from Soil Vapor Points, Former Dangman Park MGP Site, Brooklyn, New York.

Compound (Units in ug/m^3)	Sample ID:	SV-1	SV-2	SV-3	DUP032912	SV-4	AA-1
	Sample Date:	3/29/2012	3/29/2012	3/29/2012	3/29/2012	3/29/2012	3/29/2012
	Sample Type:	Soil Vapor	Soil Vapor	Soil Vapor	Soil Vapor SV-3 Duplicate	Soil Vapor	Ambient Air
Non-MGP-Related Constituents (Continued)							
Methyl tert butyl ether		<1.44	<1.44	<1.44	<0.721	<1.44 J	<0.721
tert-Butyl Alcohol		<1.21	<1.21	<1.21	<0.606	<1.21 J	<0.606
Tetrachloroethene		<2.71	<2.71	<2.71	<1.36	**9.15 J**	<1.36
trans-1,2-Dichloroethene		**3.77**	<1.58	<1.58	<0.793	<1.58 J	<0.793
trans-1,3-Dichloropropene		<1.82	<1.82	<1.82	<0.908	<1.82 J	<0.908
Trichloroethene		**1.28 J**	<2.15	<2.15	<1.07	<2.15 J	<1.07
Trichlorofluoromethane		<2.25	<2.25	<2.25	<1.12	<2.25 J	<1.12
Vinyl bromide		<1.75	<1.75	<1.75	<0.874	<1.75 J	<0.874
Vinyl chloride		**4.37**	<1.02	<1.02	<0.511	<1.02 J	<0.511

ug/m^3	Micrograms per cubic meter.
J	Estimated value.
Bold	Indicates detection above laboratory Reported Detection Limit.