Table 2-1
Sample Inventory and Analyses Performed of Soil, Soil Vapor, Indoor Air, and Groundwater
Former Empire Electric Facility, Brooklyn, New York
Site Number 2-24-015

	Matrix	Laboratory Analysis Method					
Sub-Slab & Indoor Air Samples		**TO-15**					
SS-01	Air	x					
IA-01	Air	x					
Groundwater Monitoring Wells - December 2006		**VOCs 8260b**	**SVOCs 8270**	**PCBs 8082**			
EMMW-5	Groundwater	x	x	x			
EMMW-5 (Filtered)	Groundwater			x			
Soil Boring Samples (Depth in feet below basement grade or road grade)		**VOCs 8260b**	**SVOCs 8270**	**PCBs 8082**	**Pesticides 8081**	**Metals 6010**	**Hg 7471**
SB-01-0.0-0.6	Soil	x	x	x	x	x	x
SB-01-3.0-3.5	Soil	x	x	x	x	x	x
SB-02-0.0-0.6	Soil	x	x	x	x	x	x
SB-02-3.0-3.5	Soil	x	x	x	x	x	x
SB-03-0.6-1.0	Soil	x	x	x	x	x	x
SB-04-0.6-1.0	Soil	x	x	x	x	x	x
SB-05-0.6-1.0	Soil	x	x	x	x	x	x
SB-06-0.6-1.0	Soil	x	x	x	x	x	x
SB-07-0.6-1.0	Soil	x	x	x	x	x	x
SB-08-0.6-1.0	Soil	x	x	x	x	x	x

TO = Toxic Organics
VOCs = Volatile Organic Compounds
SVOCs = Semi-Volatile Organic Compounds
PCBs = Polychlorinated Biphenyls
Hg = Mercury

Table 2-2
Summary of Sub-Slab Soil Vapor & Indoor Air Sampling Results
Volatile Organic Compounds
Former Empire Electric Facility, Brooklyn, New York
Site Number 2-24-015

PERIOD: From 10/31/2006 thru 10/31/2006 - Inclusive
SAMPLE TYPE: Air

CONSTITUENT	SITE LAB SAMPLE ID DATE	IA-01 690221 10/31/2006	SS-01 690220 10/31/2006
1,1,1-Trichloroethane	(ug/m3)	1.1 U	1.1 U
1,1,2,2-Tetrachloroethane	(ug/m3)	1.4 U	1.4 U
1,1,2-Trichloroethane	(ug/m3)	1.1 U	1.1 U
1,1-Dichloroethane	(ug/m3)	0.81 U	0.81 U
1,1-Dichloroethene	(ug/m3)	0.79 U	0.79 U
1,2,4-Trichlorobenzene	(ug/m3)	3.7 U	7.0
1,2,4-Trimethylbenzene	(ug/m3)	5.4	1.4
1,2-Dibromoethane	(ug/m3)	1.5 U	1.5 U
1,2-Dichlorobenzene	(ug/m3)	1.2 U	1.2 U
1,2-Dichloroethane	(ug/m3)	0.81 U	0.81 U
1,2-Dichloroethene	(ug/m3)	0.79 U	0.79 U
1,2-Dichloropropane	(ug/m3)	0.92 U	0.92 U
1,3,5-Trimethylbenzene	(ug/m3)	1.9	0.98 U
1,3-Butadiene	(ug/m3)	6.6	1.1 U
1,3-Dichlorobenzene	(ug/m3)	1.2 U	1.3
1,4-Dichlorobenzene	(ug/m3)	1.2 U	4.2
1,4-Dioxane	(ug/m3)	18 U	18 U
2-Butanone	(ug/m3)	2.1	4.1
2-Chlorotoluene	(ug/m3)	1.0 U	1.0 U
2-Hexanone	(ug/m3)	2.0 U	2.0 U
4-Ethyltoluene	(ug/m3)	4.0	0.98 U
4-Methyl-2-Pentanone	(ug/m3)	2.0 U	2.0 U
Acetone	(ug/m3)	12 U	31
Allyl chloride	(ug/m3)	1.6 U	1.6 U
Benzene	(ug/m3)	21	2.0
Bromodichloromethane	(ug/m3)	1.3 U	1.3 U
Bromoform	(ug/m3)	2.1 U	2.1 U
Bromomethane	(ug/m3)	0.78 U	0.78 U
Carbon Disulfide	(ug/m3)	1.6 U	2.9
Carbon Tetrachloride	(ug/m3)	1.3 U	1.3 U
Chlorobenzene	(ug/m3)	0.92 U	0.92 U
Chloroethane	(ug/m3)	1.3 U	1.3 U
Chloroform	(ug/m3)	0.98 U	0.98 U
Chloromethane	(ug/m3)	1.1	1.0 U
cis-1,2-Dichloroethene	(ug/m3)	0.79 U	0.79 U
cis-1,3-Dichloropropene	(ug/m3)	0.91 U	0.91 U
Cyclohexane	(ug/m3)	3.3	0.69 U
Dibromochloromethane	(ug/m3)	1.7 U	1.7 U
Dichlorodifluoromethane	(ug/m3)	3.4	3.7

See the Endnotes following the last page of this table.

Table 2-2
Summary of Sub-Slab Soil Vapor & Indoor Air Sampling Results
Volatile Organic Compounds
Former Empire Electric Facility, Brooklyn, New York
Site Number 2-24-015

PERIOD: From 10/31/2006 thru 10/31/2006 - Inclusive
SAMPLE TYPE: Air

CONSTITUENT	SITE LAB SAMPLE ID DATE	IA-01 690221 10/31/2006	SS-01 690220 10/31/2006
Ethylbenzene	(ug/m3)	5.2	1.4
Freon 113	(ug/m3)	1.5 U	1.5 U
Freon 114	(ug/m3)	1.4 U	1.4 U
Hexachlorobutadiene	(ug/m3)	2.1 U	2.1 U
Hexane	(ug/m3)	15	1.8 U
Isooctane	(ug/m3)	6.5	0.93 U
Isopropyl Alcohol	(ug/m3)	12 U	12 U
m+p-Xylene	(ug/m3)	19	2.7
Methyl Tertiary Butyl Ether	(ug/m3)	1.8 U	1.8 U
Methylene Chloride	(ug/m3)	1.9	2.7
n-Heptane	(ug/m3)	4.5	0.82 U
o-Xylene	(ug/m3)	6.5	1.1
Styrene	(ug/m3)	2.8	3.5
Tertiary Butyl Alcohol	(ug/m3)	15 U	15 U
Tetrachloroethene	(ug/m3)	1.4 U	11
Tetrahydrofuran	(ug/m3)	15 U	15 U
Toluene	(ug/m3)	41	6.8
trans-1,2-Dichloroethene	(ug/m3)	0.79 U	0.79 U
trans-1,3-Dichloropropene	(ug/m3)	0.91 U	0.91 U
Trichloroethene	(ug/m3)	1.1 U	4.6
Trichlorofluoromethane	(ug/m3)	1.7	1.9
Vinyl bromide	(ug/m3)	0.87 U	0.87 U
Vinyl chloride	(ug/m3)	0.51 U	0.51 U
Xylene (total)	(ug/m3)	25	3.8

See the Endnotes following the last page of this table.

Table 2-2
Summary of Sub-Slab Soil Vapor and Indoor Air Sampling Results
Volatile Organic Compounds
Former Empire Electric Facility, Brooklyn, New York
Site Number 2-24-015

Notes:

- $\mu g/m^3$ = micrograms per cubic meter.
- The samples were analyzed by Severn Trent Laboratories Burlington, Vermont (STL-VT) following "*Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, Second Edition 1997, EPA/625/R-96/010B"*, Compendium Method TO-15, "*Determination Of Volatile Organic Compounds (VOCs) In Air Collected In Specially-Prepared Canisters And Analyzed By Gas Chromatography/Mass Spectrometry (GC/MS)*".

Qualifiers

no qualifier	The compound was positively identified at the associated numerical value which is the concentration of the compound in the sample.
U	Non-Detect. The compound was analyzed for, but not detected. The associated numerical value is the reporting limit. The value is usable as a non-detect at the reporting limit.

Table 2-3
Summary of Soil Boring Analytical Results
Volatile Organic Compounds
Former Empire Electric Facility, Brooklyn, New York
Site Number 2-24-015

PERIOD: From 10/30/2006 thru 10/30/2006 - Inclusive
SAMPLE TYPE: Soil

CONSTITUENT	SITE LAB SAMPLE ID DATE	NYSDEC Part 375 Restricted SCO Commercial	SB-01 214087-001 10/30/2006	SB-01 214087-002 10/30/2006	SB-02 214087-003 10/30/2006	SB-02 214087-004 10/30/2006	SB-03 214087-005 10/30/2006
Starting Depth	(feet)		0.00	3.00	0.00	3.00	0.50
Ending Depth	(feet)		0.50	3.50	0.50	3.50	1.00
1,1,1,2-Tetrachloroethane	(ug/kg)		5.9 U	6.0 U	6.2 U	5.5 U	6.3 U
1,1,1-Trichloroethane	(ug/kg)	500000	5.9 U	6.0 U	6.2 U	5.5 U	6.3 U
1,1,2,2-Tetrachloroethane	(ug/kg)		5.9 U	6.0 U	6.2 U	5.5 U	6.3 U
1,1,2-Trichloroethane	(ug/kg)		5.9 U	6.0 U	6.2 U	5.5 U	6.3 U
1,1-Dichloroethane	(ug/kg)	240000	5.9 U	6.0 U	6.2 U	5.5 U	6.3 U
1,1-Dichloroethene	(ug/kg)	500000	5.9 U	6.0 U	6.2 U	5.5 U	6.3 U
1,1-Dichloropropene	(ug/kg)		5.9 U	6.0 U	6.2 U	5.5 U	6.3 U
1,2,3-Trichlorobenzene	(ug/kg)		5.9 U	6.0 U	6.2 U	5.5 U	6.3 U
1,2,3-Trichloropropane	(ug/kg)		5.9 U	6.0 U	6.2 U	5.5 U	6.3 U
1,2,4-Trichlorobenzene	(ug/kg)		5.9 U	6.0 U	6.2 U	5.5 U	6.3 U
1,2,4-Trimethylbenzene	(ug/kg)	190000	5.9 U	6.0 U	6.2 U	5.5 U	6.3 U
1,2-Dibromoethane	(ug/kg)		5.9 U	6.0 U	6.2 U	5.5 U	6.3 U
1,2-Dichlorobenzene	(ug/kg)	500000	5.9 U	6.0 U	6.2 U	5.5 U	6.3 U
1,2-Dichloroethane	(ug/kg)	30000	5.9 U	6.0 U	6.2 U	5.5 U	6.3 U
1,2-Dichloropropane	(ug/kg)		5.9 U	6.0 U	6.2 U	5.5 U	6.3 U
1,3,5-Trimethylbenzene	(ug/kg)	190000	5.9 U	6.0 U	6.2 U	5.5 U	6.3 U
1,3-Dichlorobenzene	(ug/kg)	280000	5.9 U	6.0 U	6.2 U	5.5 U	6.3 U
1,3-Dichloropropane	(ug/kg)		5.9 U	6.0 U	6.2 U	5.5 U	6.3 U
1,4-Dichlorobenzene	(ug/kg)	130000	5.9 U	6.0 U	6.2 U	5.5 U	6.3 U

See the Endnotes following the last page of this table.

Table 2-3
Summary of Soil Boring Analytical Results
Volatile Organic Compounds
Former Empire Electric Facility, Brooklyn, New York
Site Number 2-24-015

PERIOD: From 10/30/2006 thru 10/30/2006 - Inclusive
SAMPLE TYPE: Soil

CONSTITUENT	SITE LAB SAMPLE ID DATE	NYSDEC Part 375 Restricted SCO Commercial	SB-01 214087-001 10/30/2006	SB-01 214087-002 10/30/2006	SB-02 214087-003 10/30/2006	SB-02 214087-004 10/30/2006	SB-03 214087-005 10/30/2006
2,2-Dichloropropane	(ug/kg)		5.9 U	6.0 U	6.2 U	5.5 U	6.3 U
2-Butanone	(ug/kg)	500000	12 U	12 U	12 U	11 U	13 U
2-Chloroethyl vinyl ether	(ug/kg)		5.9 U J	6.0 U J	6.2 U J	5.5 U J	6.3 U
2-Chlorotoluene	(ug/kg)		5.9 U	6.0 U	6.2 U	5.5 U	6.3 U
2-Hexanone	(ug/kg)		12 U	12 U	12 U	11 U	13 U
4-Chlorotoluene	(ug/kg)		5.9 U	6.0 U	6.2 U	5.5 U	6.3 U
4-Methyl-2-Pentanone	(ug/kg)		12 U	12 U	12 U	11 U	13 U
Acetone	(ug/kg)	500000	24 U	24 U	25 U	22 U	25 U
Benzene	(ug/kg)	44000	5.9 U	6.0 U	6.2 U	5.5 U	6.3 U
Bromobenzene	(ug/kg)		5.9 U	6.0 U	6.2 U	5.5 U	6.3 U
Bromochloromethane	(ug/kg)		5.9 U	6.0 U	6.2 U	5.5 U	6.3 U
Bromodichloromethane	(ug/kg)		5.9 U	6.0 U	6.2 U	5.5 U	6.3 U
Bromoform	(ug/kg)		5.9 U	6.0 U	6.2 U	5.5 U	6.3 U
Bromomethane	(ug/kg)		5.9 U J	6.0 U J	6.2 U J	5.5 U J	6.3 U J
Carbon Disulfide	(ug/kg)		5.9 U	6.0 U	6.2 U	5.5 U	6.3 U
Carbon Tetrachloride	(ug/kg)	22000	5.9 U	6.0 U	6.2 U	5.5 U	6.3 U
Chlorobenzene	(ug/kg)	500000	5.9 U	6.0 U	6.2 U	5.5 U	6.3 U
Chloroethane	(ug/kg)		5.9 U	6.0 U	6.2 U	5.5 U	6.3 U
Chloroform	(ug/kg)	350000	5.9 U	6.0 U	6.2 U	5.5 U	6.3 U
Chloromethane	(ug/kg)		5.9 U	6.0 U	6.2 U	5.5 U	6.3 U
cis-1,2-Dichloroethene	(ug/kg)	500000	5.9 U	6.0 U	6.2 U	5.5 U	6.3 U

See the Endnotes following the last page of this table.

Table 2-3
Summary of Soil Boring Analytical Results
Volatile Organic Compounds
Former Empire Electric Facility, Brooklyn, New York
Site Number 2-24-015

PERIOD: From 10/30/2006 thru 10/30/2006 - Inclusive
SAMPLE TYPE: Soil

CONSTITUENT	SITE LAB SAMPLE ID DATE	NYSDEC Part 375 Restricted SCO Commercial	SB-01 214087-001 10/30/2006	SB-01 214087-002 10/30/2006	SB-02 214087-003 10/30/2006	SB-02 214087-004 10/30/2006	SB-03 214087-005 10/30/2006
cis-1,3-Dichloropropene	(ug/kg)		5.9 U	6.0 U	6.2 U	5.5 U	6.3 U
Dibromochloromethane	(ug/kg)		5.9 U	6.0 U	6.2 U	5.5 U	6.3 U
Dibromochloropropane	(ug/kg)		5.9 U	6.0 U	6.2 U	5.5 U	6.3 U
Dibromomethane	(ug/kg)		5.9 U	6.0 U	6.2 U	5.5 U	6.3 U
Dichlorodifluoromethane	(ug/kg)		5.9 U	6.0 U	6.2 U	5.5 U	6.3 U
Ethylbenzene	(ug/kg)	390000	5.9 U	6.0 U	6.2 U	5.5 U	6.3 U
Hexachlorobutadiene	(ug/kg)		5.9 U	6.0 U	6.2 U	5.5 U	6.3 U
Iodomethane	(ug/kg)		12 U	12 U	12 U	11 U	13 U
Isopropylbenzene	(ug/kg)		5.9 U	6.0 U	6.2 U	5.5 U	6.3 U
Methyl Tertiary Butyl Ether	(ug/kg)	500000	5.9 U	6.0 U	6.2 U	5.5 U	6.3 U
Methylene Chloride	(ug/kg)	500000	24 U	24 U	25 U	22 U	25 U
Naphthalene	(ug/kg)	500000	5.9 U	6.0 U	6.2 U	5.5 U	6.3 U
n-Butylbenzene	(ug/kg)	500000	5.9 U	6.0 U	6.2 U	5.5 U	6.3 U
n-Propylbenzene	(ug/kg)	500000	5.9 U	6.0 U	6.2 U	5.5 U	6.3 U
p-Isopropyltoluene	(ug/kg)		5.9 U	6.0 U	6.2 U	5.5 U	6.3 U
sec-Butylbenzene	(ug/kg)	500000	5.9 U	6.0 U	6.2 U	5.5 U	6.3 U
Styrene	(ug/kg)		5.9 U	6.0 U	6.2 U	5.5 U	6.3 U
tert-Butylbenzene	(ug/kg)	500000	5.9 U	6.0 U	6.2 U	5.5 U	6.3 U
Tetrachloroethene	(ug/kg)	150000	5.9 U	6.0 U	6.2 U	5.5 U	4.0 J
Toluene	(ug/kg)	500000	5.9 U	1.4 J	6.2 U	5.5 U	6.3 U
trans-1,2-Dichloroethene	(ug/kg)	500000	5.9 U	6.0 U	6.2 U	5.5 U	6.3 U

See the Endnotes following the last page of this table.

Table 2-3
Summary of Soil Boring Analytical Results
Volatile Organic Compounds
Former Empire Electric Facility, Brooklyn, New York
Site Number 2-24-015

PERIOD: From 10/30/2006 thru 10/30/2006 - Inclusive
SAMPLE TYPE: Soil

CONSTITUENT	SITE LAB SAMPLE ID DATE	NYSDEC Part 375 Restricted SCO Commercial	SB-01 214087-001 10/30/2006	SB-01 214087-002 10/30/2006	SB-02 214087-003 10/30/2006	SB-02 214087-004 10/30/2006	SB-03 214087-005 10/30/2006
trans-1,3-Dichloropropene	(ug/kg)		5.9 U	6.0 U	6.2 U	5.5 U	6.3 U
Trichloroethene	(ug/kg)	200000	5.9 U	0.97 J	6.2 U	1.6 J	1.2 J
Trichlorofluoromethane	(ug/kg)		5.9 U	6.0 U	6.2 U	5.5 U	6.3 U
Vinyl Acetate	(ug/kg)		5.9 U	6.0 U	6.2 U	5.5 U	6.3 U
Vinyl chloride	(ug/kg)	13000	5.9 U	6.0 U	6.2 U	5.5 U	6.3 U
Xylene (total)	(ug/kg)	500000	5.9 U	2.6 J	6.2 U	5.5 U	6.3 U

See the Endnotes following the last page of this table.

Table 2-3
Summary of Soil Boring Analytical Results
Volatile Organic Compounds
Former Empire Electric Facility, Brooklyn, New York
Site Number 2-24-015

PERIOD: From 10/30/2006 thru 10/30/2006 - Inclusive
SAMPLE TYPE: Soil

CONSTITUENT	SITE LAB SAMPLE ID DATE	NYSDEC Part 375 Restricted SCO Commercial	SB-04 214087-006 10/30/2006	SB-05 214087-007 10/30/2006	SB-06 214087-008 10/30/2006	SB-07 214087-009 10/30/2006	SB-08 214087-010 10/30/2006
Starting Depth	(feet)		0.50	0.50	0.50	0.50	0.50
Ending Depth	(feet)		1.00	1.00	1.00	1.00	1.00
1,1,1,2-Tetrachloroethane	(ug/kg)		6.2 U	5.8 U	5.8 U	6.3 U	7.2 U
1,1,1-Trichloroethane	(ug/kg)	500000	6.2 U	5.8 U	5.8 U	6.3 U	7.2 U
1,1,2,2-Tetrachloroethane	(ug/kg)		6.2 U	5.8 U	5.8 U	6.3 U	7.2 U
1,1,2-Trichloroethane	(ug/kg)		6.2 U	5.8 U	5.8 U	6.3 U	7.2 U
1,1-Dichloroethane	(ug/kg)	240000	6.2 U	5.8 U	5.8 U	6.3 U	7.2 U
1,1-Dichloroethene	(ug/kg)	500000	6.2 U	5.8 U	5.8 U	6.3 U	7.2 U
1,1-Dichloropropene	(ug/kg)		6.2 U	5.8 U	5.8 U	6.3 U	7.2 U
1,2,3-Trichlorobenzene	(ug/kg)		2.6 J	5.8 U	5.8 U	6.3 U	7.2 U
1,2,3-Trichloropropane	(ug/kg)		6.2 U	5.8 U	5.8 U	6.3 U	7.2 U
1,2,4-Trichlorobenzene	(ug/kg)		1.7 J	5.8 U	5.8 U	6.3 U	7.2 U
1,2,4-Trimethylbenzene	(ug/kg)	190000	6.2 U	5.8 U	5.8 U	6.3 U	7.2 U
1,2-Dibromoethane	(ug/kg)		6.2 U	5.8 U	5.8 U	6.3 U	7.2 U
1,2-Dichlorobenzene	(ug/kg)	500000	6.2 U	5.8 U	5.8 U	6.3 U	7.2 U
1,2-Dichloroethane	(ug/kg)	30000	6.2 U	5.8 U	5.8 U	6.3 U	7.2 U
1,2-Dichloropropane	(ug/kg)		6.2 U	5.8 U	5.8 U	6.3 U	7.2 U
1,3,5-Trimethylbenzene	(ug/kg)	190000	6.2 U	5.8 U	5.8 U	6.3 U	7.2 U
1,3-Dichlorobenzene	(ug/kg)	280000	6.2 U	5.8 U	5.8 U	6.3 U	7.2 U
1,3-Dichloropropane	(ug/kg)		6.2 U	5.8 U	5.8 U	6.3 U	7.2 U
1,4-Dichlorobenzene	(ug/kg)	130000	6.2 U	5.8 U	5.8 U	6.3 U	7.2 U

See the Endnotes following the last page of this table.

Table 2-3
Summary of Soil Boring Analytical Results
Volatile Organic Compounds
Former Empire Electric Facility, Brooklyn, New York
Site Number 2-24-015

PERIOD: From 10/30/2006 thru 10/30/2006 - Inclusive
SAMPLE TYPE: Soil

CONSTITUENT	SITE LAB SAMPLE ID DATE	NYSDEC Part 375 Restricted SCO Commercial	SB-04 214087-006 10/30/2006	SB-05 214087-007 10/30/2006	SB-06 214087-008 10/30/2006	SB-07 214087-009 10/30/2006	SB-08 214087-010 10/30/2006
2,2-Dichloropropane	(ug/kg)		6.2 U	5.8 U	5.8 U	6.3 U	7.2 U
2-Butanone	(ug/kg)	500000	12 U	12 U	12 U	13 U	14 U
2-Chloroethyl vinyl ether	(ug/kg)		6.2 U J	5.8 U J	5.8 U J	6.3 U J	7.2 U J
2-Chlorotoluene	(ug/kg)		6.2 U	5.8 U	5.8 U	6.3 U	7.2 U
2-Hexanone	(ug/kg)		12 U	12 U	12 U	13 U	14 U
4-Chlorotoluene	(ug/kg)		6.2 U	5.8 U	5.8 U	6.3 U	7.2 U
4-Methyl-2-Pentanone	(ug/kg)		12 U	12 U	12 U	13 U	14 U
Acetone	(ug/kg)	500000	25 U	23 U	23 U	25 U	29 U
Benzene	(ug/kg)	44000	6.2 U	5.8 U	5.8 U	6.3 U	7.2 U
Bromobenzene	(ug/kg)		6.2 U	5.8 U	5.8 U	6.3 U	7.2 U
Bromochloromethane	(ug/kg)		6.2 U	5.8 U	5.8 U	6.3 U	7.2 U
Bromodichloromethane	(ug/kg)		6.2 U	5.8 U	5.8 U	6.3 U	7.2 U
Bromoform	(ug/kg)		6.2 U	5.8 U	5.8 U	6.3 U	7.2 U
Bromomethane	(ug/kg)		6.2 U J	5.8 U J	5.8 U J	6.3 U J	7.2 U J
Carbon Disulfide	(ug/kg)		6.2 U	5.8 U	5.8 U	6.3 U	7.2 U
Carbon Tetrachloride	(ug/kg)	22000	6.2 U	5.8 U	5.8 U	6.3 U	7.2 U
Chlorobenzene	(ug/kg)	500000	6.2 U	5.8 U	5.8 U	6.3 U	7.2 U
Chloroethane	(ug/kg)		6.2 U	5.8 U	5.8 U	6.3 U	7.2 U
Chloroform	(ug/kg)	350000	6.2 U	5.8 U	5.8 U	6.3 U	7.2 U
Chloromethane	(ug/kg)		6.2 U	5.8 U	5.8 U	6.3 U	7.2 U
cis-1,2-Dichloroethene	(ug/kg)	500000	6.2 U	5.8 U	5.8 U	6.3 U	7.2 U

See the Endnotes following the last page of this table.

Table 2-3
Summary of Soil Boring Analytical Results
Volatile Organic Compounds
Former Empire Electric Facility, Brooklyn, New York
Site Number 2-24-015

PERIOD: From 10/30/2006 thru 10/30/2006 - Inclusive
SAMPLE TYPE: Soil

CONSTITUENT	SITE LAB SAMPLE ID DATE	NYSDEC Part 375 Restricted SCO Commercial	SB-04 214087-006 10/30/2006	SB-05 214087-007 10/30/2006	SB-06 214087-008 10/30/2006	SB-07 214087-009 10/30/2006	SB-08 214087-010 10/30/2006
cis-1,3-Dichloropropene	(ug/kg)		6.2 U	5.8 U	5.8 U	6.3 U	7.2 U
Dibromochloromethane	(ug/kg)		6.2 U	5.8 U	5.8 U	6.3 U	7.2 U
Dibromochloropropane	(ug/kg)		6.2 U	5.8 U	5.8 U	6.3 U	7.2 U
Dibromomethane	(ug/kg)		6.2 U	5.8 U	5.8 U	6.3 U	7.2 U
Dichlorodifluoromethane	(ug/kg)		6.2 U	5.8 U	5.8 U	6.3 U	7.2 U
Ethylbenzene	(ug/kg)	390000	6.2 U	5.8 U	5.8 U	6.3 U	7.2 U
Hexachlorobutadiene	(ug/kg)		6.2 U	5.8 U	5.8 U	6.3 U	7.2 U
Iodomethane	(ug/kg)		12 U	12 U	12 U	13 U	14 U
Isopropylbenzene	(ug/kg)		6.2 U	5.8 U	5.8 U	6.3 U	7.2 U
Methyl Tertiary Butyl Ether	(ug/kg)	500000	6.2 U	5.8 U	5.8 U	6.3 U	7.2 U
Methylene Chloride	(ug/kg)	500000	25 U	23 U	24 U	27 U	30 U
Naphthalene	(ug/kg)	500000	6.2 U	5.8 U	5.8 U	6.3 U	7.2 U
n-Butylbenzene	(ug/kg)	500000	6.2 U	5.8 U	5.8 U	6.3 U	7.2 U
n-Propylbenzene	(ug/kg)	500000	6.2 U	5.8 U	5.8 U	6.3 U	7.2 U
p-Isopropyltoluene	(ug/kg)		6.2 U	5.8 U	5.8 U	6.3 U	7.2 U
sec-Butylbenzene	(ug/kg)	500000	6.2 U	5.8 U	5.8 U	6.3 U	7.2 U
Styrene	(ug/kg)		6.2 U	5.8 U	5.8 U	6.3 U	7.2 U
tert-Butylbenzene	(ug/kg)	500000	6.2 U	5.8 U	5.8 U	6.3 U	7.2 U
Tetrachloroethene	(ug/kg)	150000	6.2 U	5.8 U	5.8 U	6.3 U	7.2 U
Toluene	(ug/kg)	500000	1.2 J	5.8 U	1.3 J	1.5 J	7.2 U
trans-1,2-Dichloroethene	(ug/kg)	500000	6.2 U	5.8 U	5.8 U	6.3 U	7.2 U

See the Endnotes following the last page of this table.

Table 2-3
Summary of Soil Boring Analytical Results
Volatile Organic Compounds
Former Empire Electric Facility, Brooklyn, New York
Site Number 2-24-015

PERIOD: From 10/30/2006 thru 10/30/2006 - Inclusive
SAMPLE TYPE: Soil

CONSTITUENT	SITE LAB SAMPLE ID DATE	NYSDEC Part 375 Restricted SCO Commercial	SB-04 214087-006 10/30/2006	SB-05 214087-007 10/30/2006	SB-06 214087-008 10/30/2006	SB-07 214087-009 10/30/2006	SB-08 214087-010 10/30/2006
trans-1,3-Dichloropropene	(ug/kg)		6.2 U	5.8 U	5.8 U	6.3 U	7.2 U
Trichloroethene	(ug/kg)	200000	0.86 J	5.8 U	1.3 J	1.8 J	1.4 J
Trichlorofluoromethane	(ug/kg)		6.2 U	5.8 U	5.8 U	6.3 U	7.2 U
Vinyl Acetate	(ug/kg)		6.2 U	5.8 U	5.8 U	6.3 U	7.2 U
Vinyl chloride	(ug/kg)	13000	6.2 U	5.8 U	5.8 U	6.3 U	7.2 U
Xylene (total)	(ug/kg)	500000	6.2 U	5.8 U	5.8 U	6.3 U	7.2 U

See the Endnotes following the last page of this table.

Table 2-3
Summary of Soil Boring Analytical Results
Volatile Organic Compounds
Former Empire Electric Facility, Brooklyn, New York
Site Number 2-24-015

Notes:

- µg/kg = micrograms per kilogram (parts per billion; ppb).
- NYSDEC Part 375 Restricted SCO Commercial = Final Restricted Use Soil Cleanup Objectives (SCOs) as Presented in 6 NYCRR Part 375-6.8(b) Table 11-2, Protection of Public Health - Commercial.
- Bracketed values indicate exceedances of the NYSDEC Part 375 Restricted SCO Commercial.
- The samples were analyzed by Severn Trent Laboratories (STL) – Shelton, Connecticut, for Target Compound List (TCL) Volatile Organic Compound (VOC) analysis by USEPA SW-846 Method 8260B, in accordance with *"Test Methods for Evaluation Solid Waste, USEPA SW-846, Third Edition, September 1986, with revisions."*

Qualifiers

U	Non-Detect. The compound was analyzed for, but not detected. The associated numerical value is the reporting limit. The value is usable as a non-detect at the reporting limit.
J	Estimated value. The value was designated as estimated either by the laboratory per the method to indicate the compound is present, but the concentration is less than the reporting limit or by the validation process due to a QC exceedance. The value is usable as an estimated result.
UJ	The compound was analyzed for, but not detected. The associated numerical value is the reporting limit. However, due to a QC exceedance the value is an estimated quantity. The value is usable as a non-detect at the estimated reporting limit.

Table 2-4
Summary of Soil Boring Analytical Results
Semivolatile Organic Compounds
Former Empire Electric Facility, Brooklyn, New York
Site Number 2-24-015

PERIOD: From 10/30/2006 thru 10/30/2006 - Inclusive
SAMPLE TYPE: Soil

CONSTITUENT	SITE LAB SAMPLE ID DATE	NYSDEC Part 375 Restricted SCO Commercial	SB-01 214087-001 10/30/2006	SB-01 214087-002 10/30/2006	SB-02 214087-003 10/30/2006	SB-02 214087-004 10/30/2006	SB-03 214087-005 10/30/2006
Starting Depth	(feet)		0.00	3.00	0.00	3.00	0.50
Ending Depth	(feet)		0.50	3.50	0.50	3.50	1.00
1,2,4-Trichlorobenzene	(ug/kg)		390 U	380 U	400 U	350 U	120 J
1,2-Dichlorobenzene	(ug/kg)	500000	390 U	380 U	400 U	350 U	410 U
1,3-Dichlorobenzene	(ug/kg)	280000	390 U	380 U	400 U	350 U	410 U
1,4-Dichlorobenzene	(ug/kg)	130000	390 U	380 U	400 U	350 U	410 U
2,2'-oxybis(1-Chloropropane)	(ug/kg)		390 U	380 U	400 U	350 U	410 U
2,4,5-Trichlorophenol	(ug/kg)		1900 U	1800 U	1900 U	1700 U	2000 U
2,4,6-Trichlorophenol	(ug/kg)		390 U	380 U	400 U	350 U	410 U
2,4-Dichlorophenol	(ug/kg)		390 U	380 U	400 U	350 U	410 U
2,4-Dimethylphenol	(ug/kg)		390 U	380 U	510	350 U	410 U
2,4-Dinitrophenol	(ug/kg)		1900 U	1800 U	1900 U	1700 U	2000 U
2,4-Dinitrotoluene	(ug/kg)		390 U	380 U	400 U	350 U	410 U
2,6-Dinitrotoluene	(ug/kg)		390 U	380 U	130 J	350 U	410 U
2-Chloronaphthalene	(ug/kg)		390 U	380 U	400 U	350 U	410 U
2-Chlorophenol	(ug/kg)		390 U	380 U	400 U	350 U	410 U
2-Methylnaphthalene	(ug/kg)		390 U	380 U	540	350 U	410 U
3,3-Dichlorobenzidine	(ug/kg)		770 U	760 U	800 U	710 U	820 U
4,6-Dinitro-o-cresol	(ug/kg)		1900 U	1800 U	1900 U	1700 U	2000 U
4-Bromophenyl phenyl ether	(ug/kg)		390 U	380 U	400 U	350 U	410 U
4-Chlorophenyl phenyl ether	(ug/kg)		390 U	380 U	400 U	350 U	410 U

See the Endnotes following the last page of this table.

Table 2-4
Summary of Soil Boring Analytical Results
Semivolatile Organic Compounds
Former Empire Electric Facility, Brooklyn, New York
Site Number 2-24-015

PERIOD: From 10/30/2006 thru 10/30/2006 - Inclusive
SAMPLE TYPE: Soil

CONSTITUENT	SITE LAB SAMPLE ID DATE	NYSDEC Part 375 Restricted SCO Commercial	SB-01 214087-001 10/30/2006	SB-01 214087-002 10/30/2006	SB-02 214087-003 10/30/2006	SB-02 214087-004 10/30/2006	SB-03 214087-005 10/30/2006
Acenaphthene	(ug/kg)	500000	390 U	380 U	270 J	350 U	410 U
Acenaphthylene	(ug/kg)	500000	120 J	380 U	990	350 U	410 U
Anthracene	(ug/kg)	500000	190 J	380 U	1200	350 U	410 U
Benzo(a)anthracene	(ug/kg)	5600	730	380 U	3200	150 J	150 J
Benzo(a)pyrene	(ug/kg)	1000	660	380 U	[2700]	180 J	120 J
Benzo(b)fluoranthene	(ug/kg)	5600	760	380 U	3100	170 J	160 J
Benzo(ghi)perylene	(ug/kg)	500000	450	380 U	1400	120 J	72 J
Benzo(k)fluoranthene	(ug/kg)	56000	640	380 U	2800	150 J	160 J
Benzyl alcohol	(ug/kg)		390 U	380 U	400 U	350 U	410 U
Bis(2-chloroethoxy)methane	(ug/kg)		390 U	380 U	400 U	350 U	410 U
Bis(2-chloroethyl)ether	(ug/kg)		390 U	380 U	400 U	350 U	410 U
Bis(2-ethylhexyl)phthalate (BEHP)	(ug/kg)		1600	380 U	1600	580	1100
Butyl benzyl phthalate	(ug/kg)		430	380 U	520	350 U	410 U
Carbazole	(ug/kg)		130 J	380 U	690	350 U	410 U
Chrysene	(ug/kg)	56000	830	380 U	3600	170 J	190 J
Dibenzo(a,h)anthracene	(ug/kg)	560	120 J	380 U	560	350 U	410 U
Dibenzofuran	(ug/kg)	350000	390 U	380 U	280 J	350 U	410 U
Diethyl phthalate	(ug/kg)		390 U	380 U	73 J	350 U	410 U
Dimethyl phthalate	(ug/kg)		390 U	380 U	400 U	350 U	410 U
Di-n-butyl phthalate	(ug/kg)		850	380 U	820	54 J	410 U
Di-n-octyl phthalate	(ug/kg)		91 J	380 U	97 J	350 U	410 U

See the Endnotes following the last page of this table.

Table 2-4
Summary of Soil Boring Analytical Results
Semivolatile Organic Compounds
Former Empire Electric Facility, Brooklyn, New York
Site Number 2-24-015

PERIOD: From 10/30/2006 thru 10/30/2006 - Inclusive
SAMPLE TYPE: Soil

CONSTITUENT	SITE LAB SAMPLE ID DATE	NYSDEC Part 375 Restricted SCO Commercial	SB-01 214087-001 10/30/2006	SB-01 214087-002 10/30/2006	SB-02 214087-003 10/30/2006	SB-02 214087-004 10/30/2006	SB-03 214087-005 10/30/2006
Fluoranthene	(ug/kg)	500000	1600	380 U	NA	310 J	370 J
Fluorene	(ug/kg)	500000	390 U	380 U	590	350 U	410 U
Hexachlorobenzene	(ug/kg)	6000	390 U	380 U	400 U	350 U	410 U
Hexachlorobutadiene	(ug/kg)		390 U	380 U	400 U	350 U	410 U
Hexachlorocyclopentadiene	(ug/kg)		390 U	380 U	400 U	350 U	410 U
Hexachloroethane	(ug/kg)		390 U	380 U	400 U	350 U	410 U
Indeno(1,2,3-cd)pyrene	(ug/kg)	5600	420	380 U	1500	100 J	68 J
Isophorone	(ug/kg)		390 U	380 U	400 U	350 U	410 U
m-Nitroaniline	(ug/kg)		1900 U	1800 U	1900 U	1700 U	2000 U
Naphthalene	(ug/kg)	500000	78 J	380 U	330 J	350 U	410 U
Nitrobenzene	(ug/kg)		390 U	380 U	400 U	350 U	410 U
N-Nitrosodiphenylamine	(ug/kg)		390 U	380 U	400 U	350 U	410 U
N-Nitrosodipropylamine	(ug/kg)		390 U	380 U	400 U	350 U	410 U
o-Cresol	(ug/kg)	500000	390 U	380 U	130 J	350 U	410 U
o-Nitroaniline	(ug/kg)		1900 U	1800 U	1900 U	1700 U	2000 U
o-Nitrophenol	(ug/kg)		390 U	380 U	400 U	350 U	410 U
p-Chloroaniline	(ug/kg)		390 U	380 U	400 U	350 U	410 U
p-Chloro-m-cresol	(ug/kg)		390 U	380 U	400 U	350 U	410 U
p-Cresol	(ug/kg)	500000	390 U	380 U	380 J	350 U	410 U
Pentachlorophenol	(ug/kg)	6700	1900 U	1800 U	1900 U	1700 U	2000 U
Phenanthrene	(ug/kg)	500000	630	380 U	3700	84 J	110 J

See the Endnotes following the last page of this table.

Table 2-4
Summary of Soil Boring Analytical Results
Semivolatile Organic Compounds
Former Empire Electric Facility, Brooklyn, New York
Site Number 2-24-015

PERIOD: From 10/30/2006 thru 10/30/2006 - Inclusive
SAMPLE TYPE: Soil

CONSTITUENT	SITE LAB SAMPLE ID DATE	NYSDEC Part 375 Restricted SCO Commercial	SB-01 214087-001 10/30/2006	SB-01 214087-002 10/30/2006	SB-02 214087-003 10/30/2006	SB-02 214087-004 10/30/2006	SB-03 214087-005 10/30/2006
Phenol	(ug/kg)	500000	390 U	380 U	400 U	350 U	410 U
p-Nitroaniline	(ug/kg)		1000	760 U	250 J	710 U	820 U
p-Nitrophenol	(ug/kg)		1900 U	1800 U	1900 U	1700 U	2000 U
Pyrene	(ug/kg)	500000	820	380 U	3300	160 J	170 J

See the Endnotes following the last page of this table.

Table 2-4
Summary of Soil Boring Analytical Results
Semivolatile Organic Compounds
Former Empire Electric Facility, Brooklyn, New York
Site Number 2-24-015

PERIOD: From 10/30/2006 thru 10/30/2006 - Inclusive
SAMPLE TYPE: Soil

CONSTITUENT	SITE LAB SAMPLE ID DATE	NYSDEC Part 375 Restricted SCO Commercial	SB-04 214087-006 10/30/2006	SB-05 214087-007 10/30/2006	SB-06 214087-008 10/30/2006	SB-07 214087-009 10/30/2006	SB-08 214087-010 10/30/2006
Starting Depth	(feet)		0.50	0.50	0.50	0.50	0.50
Ending Depth	(feet)		1.00	1.00	1.00	1.00	1.00
1,2,4-Trichlorobenzene	(ug/kg)		200 J	600	3400	410 U	1200
1,2-Dichlorobenzene	(ug/kg)	500000	400 U	360 U	360 U	410 U	460 U
1,3-Dichlorobenzene	(ug/kg)	280000	400 U	360 U	360 U	410 U	460 U
1,4-Dichlorobenzene	(ug/kg)	130000	400 U	360 U	360 U	410 U	460 U
2,2'-oxybis(1-Chloropropane)	(ug/kg)		400 U	360 U	360 U	410 U	460 U
2,4,5-Trichlorophenol	(ug/kg)		1900 U	1700 U	1800 U	2000 U	2200 U
2,4,6-Trichlorophenol	(ug/kg)		400 U	360 U	360 U	410 U	460 U
2,4-Dichlorophenol	(ug/kg)		400 U	360 U	360 U	410 U	460 U
2,4-Dimethylphenol	(ug/kg)		400 U	360 U	360 U	410 U	460 U
2,4-Dinitrophenol	(ug/kg)		1900 U	1700 U	1800 U	2000 U	2200 U
2,4-Dinitrotoluene	(ug/kg)		400 U	360 U	360 U	410 U	460 U
2,6-Dinitrotoluene	(ug/kg)		400 U	360 U	360 U	410 U	460 U
2-Chloronaphthalene	(ug/kg)		400 U	360 U	360 U	410 U	460 U
2-Chlorophenol	(ug/kg)		400 U	360 U	360 U	410 U	460 U
2-Methylnaphthalene	(ug/kg)		400 U	96 J	83 J	410 U	460 U
3,3-Dichlorobenzidine	(ug/kg)		800 U	720 U	720 U	820 U	910 U
4,6-Dinitro-o-cresol	(ug/kg)		1900 U	1700 U	1800 U	2000 U	2200 U
4-Bromophenyl phenyl ether	(ug/kg)		400 U	360 U	360 U	410 U	460 U
4-Chlorophenyl phenyl ether	(ug/kg)		400 U	360 U	360 U	410 U	460 U

See the Endnotes following the last page of this table.

Table 2-4
Summary of Soil Boring Analytical Results
Semivolatile Organic Compounds
Former Empire Electric Facility, Brooklyn, New York
Site Number 2-24-015

PERIOD: From 10/30/2006 thru 10/30/2006 - Inclusive
SAMPLE TYPE: Soil

CONSTITUENT	SITE LAB SAMPLE ID DATE	NYSDEC Part 375 Restricted SCO Commercial	SB-04 214087-006 10/30/2006	SB-05 214087-007 10/30/2006	SB-06 214087-008 10/30/2006	SB-07 214087-009 10/30/2006	SB-08 214087-010 10/30/2006
Acenaphthene	(ug/kg)	500000	400 U	360 U	360 U	410 U	460 U
Acenaphthylene	(ug/kg)	500000	400 U	360 U	170 J	410 U	460 U
Anthracene	(ug/kg)	500000	400 U	360 U	240 J	410 U	460 U
Benzo(a)anthracene	(ug/kg)	5600	400 U	210 J	400	410 U	240 J
Benzo(a)pyrene	(ug/kg)	1000	400 U	200 J	310 J	410 U J	450 J
Benzo(b)fluoranthene	(ug/kg)	5600	400 U	210 J	290 J	410 U J	2000 J
Benzo(ghi)perylene	(ug/kg)	500000	400 U	190 J	240 J	52 J	510 J
Benzo(k)fluoranthene	(ug/kg)	56000	400 U	110 J	230 J	410 U J	460 U J
Benzyl alcohol	(ug/kg)		400 U	360 U	360 U	410 U	460 U
Bis(2-chloroethoxy)methane	(ug/kg)		400 U	360 U	360 U	410 U	460 U
Bis(2-chloroethyl)ether	(ug/kg)		400 U	360 U	360 U	410 U	460 U
Bis(2-ethylhexyl)phthalate (BEHP)	(ug/kg)		400 U	360 U	190 J	240 J	570
Butyl benzyl phthalate	(ug/kg)		400 U	360 U	360 U	410 U	460 U
Carbazole	(ug/kg)		400 U	360 U	95 J	410 U	460 U
Chrysene	(ug/kg)	56000	400 U	440	510	130 J	1400
Dibenzo(a,h)anthracene	(ug/kg)	560	400 U J	82 J	97 J	410 U J	220 J
Dibenzofuran	(ug/kg)	350000	400 U	360 U	360 U	410 U	460 U
Diethyl phthalate	(ug/kg)		400 U	360 U	360 U	410 U	460 U
Dimethyl phthalate	(ug/kg)		400 U	360 U	360 U	410 U	460 U
Di-n-butyl phthalate	(ug/kg)		400 U	360 U	360 U	91 J	460 U
Di-n-octyl phthalate	(ug/kg)		400 U	360 U	360 U	410 U	460 U

See the Endnotes following the last page of this table.

Table 2-4
Summary of Soil Boring Analytical Results
Semivolatile Organic Compounds
Former Empire Electric Facility, Brooklyn, New York
Site Number 2-24-015

PERIOD: From 10/30/2006 thru 10/30/2006 - Inclusive
SAMPLE TYPE: Soil

CONSTITUENT	SITE LAB SAMPLE ID DATE	NYSDEC Part 375 Restricted SCO Commercial	SB-04 214087-006 10/30/2006	SB-05 214087-007 10/30/2006	SB-06 214087-008 10/30/2006	SB-07 214087-009 10/30/2006	SB-08 214087-010 10/30/2006
Fluoranthene	(ug/kg)	500000	400 U	180 J	800	57 J	390 J
Fluorene	(ug/kg)	500000	400 U	360 U	110 J	410 U	460 U
Hexachlorobenzene	(ug/kg)	6000	320 J	360 U	360 U	410 U	460 U
Hexachlorobutadiene	(ug/kg)		400 U	360 U	360 U	410 U	460 U
Hexachlorocyclopentadiene	(ug/kg)		400 U	360 U	360 U	410 U	460 U
Hexachloroethane	(ug/kg)		400 U	360 U	360 U	410 U	460 U
Indeno(1,2,3-cd)pyrene	(ug/kg)	5600	400 U	130 J	190 J	410 U	490
Isophorone	(ug/kg)		400 U	360 U	360 U	410 U	460 U
m-Nitroaniline	(ug/kg)		1900 U	1700 U	1800 U	2000 U	2200 U
Naphthalene	(ug/kg)	500000	400 U	120 J	86 J	410 U	460 U
Nitrobenzene	(ug/kg)		400 U	360 U	360 U	410 U	460 U
N-Nitrosodiphenylamine	(ug/kg)		400 U	360 U	360 U	410 U	460 U
N-Nitrosodipropylamine	(ug/kg)		400 U	360 U	360 U	410 U	460 U
o-Cresol	(ug/kg)	500000	400 U	360 U	360 U	410 U	460 U
o-Nitroaniline	(ug/kg)		1900 U	1700 U	1800 U	2000 U	2200 U
o-Nitrophenol	(ug/kg)		400 U	360 U	360 U	410 U	460 U
p-Chloroaniline	(ug/kg)		400 U	360 U	360 U	410 U	460 U
p-Chloro-m-cresol	(ug/kg)		400 U	360 U	360 U	410 U	460 U
p-Cresol	(ug/kg)	500000	400 U	360 U	360 U	410 U	460 U
Pentachlorophenol	(ug/kg)	6700	1900 U	1700 U	1800 U	2000 U	2200 U
Phenanthrene	(ug/kg)	500000	400 U	250 J	940	410 U	130 J

See the Endnotes following the last page of this table.

Table 2-4
Summary of Soil Boring Analytical Results
Semivolatile Organic Compounds
Former Empire Electric Facility, Brooklyn, New York
Site Number 2-24-015

PERIOD: From 10/30/2006 thru 10/30/2006 - Inclusive
SAMPLE TYPE: Soil

CONSTITUENT	SITE LAB SAMPLE ID DATE	NYSDEC Part 375 Restricted SCO Commercial	SB-04 214087-006 10/30/2006	SB-05 214087-007 10/30/2006	SB-06 214087-008 10/30/2006	SB-07 214087-009 10/30/2006	SB-08 214087-010 10/30/2006
Phenol	(ug/kg)	500000	400 U	360 U	360 U	410 U	460 U
p-Nitroaniline	(ug/kg)		800 U	720 U	720 U	820 U	910 U
p-Nitrophenol	(ug/kg)		1900 U	1700 U	1800 U	2000 U	2200 U
Pyrene	(ug/kg)	500000	400 U	170 J	580	63 J	330 J

See the Endnotes following the last page of this table.

Table 2-4
Summary of Soil Boring Analytical Results
Semivolatile Organic Compounds
Former Empire Electric Facility, Brooklyn, New York
Site Number 2-24-015

Notes:

- µg/kg = micrograms per kilogram (parts per billion; ppb).
- NYSDEC Part 375 Restricted SCO Commercial = Final Restricted Use Soil Cleanup Objectives (SCOs) as Presented in 6 NYCRR Part 375-6.8(b) Table 11-2, Protection of Public Health - Commercial.
- Bracketed values indicate exceedances of the NYSDEC Part 375 Restricted SCO Commercial.
- The samples were analyzed by Severn Trent Laboratories (STL) – Shelton, Connecticut, for Target Compound List (TCL) Semivolatile Organic Compound (SVOC) analysis by USEPA SW-846 Method 8270C, in accordance with *"Test Methods for Evaluation Solid Waste, USEPA SW-846, Third Edition, September 1986, with revisions."*

Qualifiers

no qualifier	The compound was positively identified at the associated numerical value which is the concentration of the compound in the sample.
U	Non-Detect. The compound was analyzed for, but not detected. The associated numerical value is the reporting limit. The value is usable as a non-detect at the reporting limit.
J	Estimated value. The value was designated as estimated either by the laboratory per the method to indicate the compound is present, but the concentration is less than the reporting limit or by the validation process due to a QC exceedance. The value is usable as an estimated result
UJ	The compound was analyzed for, but not detected. The associated numerical value is the reporting limit. However, due to a QC exceedance the value is an estimated quantity. The value is usable as a non-detect at the estimated reporting limit.

Table 2-5
Summary of Soil Boring Analytical Results
Pesticides and Polychlorinated Biphenyls
Former Empire Electric Facility, Brooklyn, New York
Site Number 2-24-015

PERIOD: From 10/30/2006 thru 10/30/2006 - Inclusive
SAMPLE TYPE: Soil

CONSTITUENT	SITE LAB SAMPLE ID DATE	NYSDEC Part 375 Restricted SCO Commercial	SB-01 214087-001 10/30/2006	SB-01 214087-002 10/30/2006	SB-02 214087-003 10/30/2006	SB-02 214087-004 10/30/2006	SB-03 214087-005 10/30/2006
Starting Depth	(feet)		0.00	3.00	0.00	3.00	0.50
Ending Depth	(feet)		0.50	3.50	0.50	3.50	1.00
4,4'-DDD	(ug/kg)	92000	390 U	4.0 U	160 U	3.6 U	8.1 U
4,4'-DDE	(ug/kg)	62000	74 J	4.0 U	59 J	0.73 J	22
4,4'-DDT	(ug/kg)	47000	1100	1.4 J	860 J	19	130
Aldrin	(ug/kg)	680	48 J	2.4 U	98 U	2.2 U	4.9 U
alpha-BHC	(ug/kg)	3400	88 J	2.0 U	83 U	1.9 U	0.71 J
alpha-Chlordane	(ug/kg)	24000	200 U	2.0 U	50 J	1.9 U	4.2 U
beta-BHC	(ug/kg)	3000	200	2.0 U	83 U	1.9 U	1.4 J
delta-BHC	(ug/kg)	500000	200 U	2.0 U	13 J	0.47 J	4.2 U
Dieldrin	(ug/kg)	1400	300 J	4.0 U	150 J	7.9	20 J
Endosulfan I	(ug/kg)	200000	200 U	2.0 U	83 U	1.9 U	4.2 U
Endosulfan II	(ug/kg)	200000	390 U	4.0 U	20 J	0.44 J	1.7 J
Endosulfan sulfate	(ug/kg)	200000	390 U	4.0 U	160 U	3.6 U	8.1 U
Endrin	(ug/kg)	89000	590 U	6.0 U	240 U	2.7 J	11 J
Endrin aldehyde	(ug/kg)		390 U J	4.0 U J	100 J	8.3 J	4.0 J
Endrin ketone	(ug/kg)		390 U	4.0 U	160 U	3.6 U	8.1 U
gamma-Chlordane	(ug/kg)		310 J	2.0 U	44 J	0.30 J	12
Heptachlor	(ug/kg)	15000	1200	2.0 U	83 U	1.9 U	4.2 U
Heptachlor epoxide	(ug/kg)		170 J	2.0 U	29 J	0.56 J	1.5 J
gamma-BHC (Lindane)	(ug/kg)	9200	200 U	2.0 U	83 U	1.9 U	4.2 U

See the Endnotes following the last page of this table.

Table 2-5
Summary of Soil Boring Analytical Results
Pesticides and Polychlorinated Biphenyls
Former Empire Electric Facility, Brooklyn, New York
Site Number 2-24-015

PERIOD: From 10/30/2006 thru 10/30/2006 - Inclusive
SAMPLE TYPE: Soil

CONSTITUENT	SITE LAB SAMPLE ID DATE	NYSDEC Part 375 Restricted SCO Commercial	SB-01 214087-001 10/30/2006	SB-01 214087-002 10/30/2006	SB-02 214087-003 10/30/2006	SB-02 214087-004 10/30/2006	SB-03 214087-005 10/30/2006
Methoxychlor	(ug/kg)		2000 U	20 U	830 U	19 U	42 U
Toxaphene	(ug/kg)		7900 U	81 U	3300 U	73 U	170 U
Aroclor 1016	(ug/kg)		20000 U	20 U	410 U	19 U	210 U
Aroclor 1221	(ug/kg)		39000 U	40 U	800 U	36 U	410 U
Aroclor 1232	(ug/kg)		20000 U	20 U	410 U	19 U	210 U
Aroclor 1242	(ug/kg)		20000 U	20 U	410 U	19 U	210 U
Aroclor 1248	(ug/kg)		20000 U	20 U	410 U	19 U	210 U
Aroclor 1254	(ug/kg)		20000 U	20 U	3600	19 U	210 U
Aroclor 1260	(ug/kg)		18000 J	31	2100	180	1000

See the Endnotes following the last page of this table.

Table 2-5
Summary of Soil Boring Analytical Results
Pesticides and Polychlorinated Biphenyls
Former Empire Electric Facility, Brooklyn, New York
Site Number 2-24-015

PERIOD: From 10/30/2006 thru 10/30/2006 - Inclusive
SAMPLE TYPE: Soil

CONSTITUENT	SITE LAB SAMPLE ID DATE	NYSDEC Part 375 Restricted SCO Commercial	SB-04 214087-006 10/30/2006	SB-05 214087-007 10/30/2006	SB-06 214087-008 10/30/2006	SB-07 214087-009 10/30/2006	SB-08 214087-010 10/30/2006
Starting Depth	(feet)		0.50	0.50	0.50	0.50	0.50
Ending Depth	(feet)		1.00	1.00	1.00	1.00	1.00
4,4'-DDD	(ug/kg)	92000	41 U	380 U	75 U	82 U	47 U
4,4'-DDE	(ug/kg)	62000	18 J	190 J	14 J	82 U	14 J
4,4'-DDT	(ug/kg)	47000	210	6300	920	580	370
Aldrin	(ug/kg)	680	25 U	230 U	45 U	50 U	29 U
alpha-BHC	(ug/kg)	3400	21 U	190 U	38 U	42 U	21 J
alpha-Chlordane	(ug/kg)	24000	21 U	190 U	38 U	42 U	24 U
beta-BHC	(ug/kg)	3000	21 U	190 U	38 U	42 U	24 U
delta-BHC	(ug/kg)	500000	21 U	190 U	38 U	42 U	24 U
Dieldrin	(ug/kg)	1400	240	1200 J	400	210 J	190
Endosulfan I	(ug/kg)	200000	21 U	190 U	38 U	42 U	24 U
Endosulfan II	(ug/kg)	200000	4.1 J	90 J	15 J	9.5 J	12 J
Endosulfan sulfate	(ug/kg)	200000	41 U	380 U	75 U	82 U	47 U
Endrin	(ug/kg)	89000	20 J	610	62 J	52 J	41 J
Endrin aldehyde	(ug/kg)		41 U J	120 J	12 J	82 U J	21 J
Endrin ketone	(ug/kg)		41 U	380 U	75 U	82 U	11 J
gamma-Chlordane	(ug/kg)		150	920	70	42 U	82
Heptachlor	(ug/kg)	15000	21 U	190 U	38 U	42 U	24 U
Heptachlor epoxide	(ug/kg)		17 J	94 J	11 J	19 J	8.6 J
gamma-BHC (Lindane)	(ug/kg)	9200	21 U	190 U	38 U	42 U	24 U

See the Endnotes following the last page of this table.

Table 2-5
Summary of Soil Boring Analytical Results
Pesticides and Polychlorinated Biphenyls
Former Empire Electric Facility, Brooklyn, New York
Site Number 2-24-015

PERIOD: From 10/30/2006 thru 10/30/2006 - Inclusive
SAMPLE TYPE: Soil

CONSTITUENT	SITE LAB SAMPLE ID DATE	NYSDEC Part 375 Restricted SCO Commercial	SB-04 214087-006 10/30/2006	SB-05 214087-007 10/30/2006	SB-06 214087-008 10/30/2006	SB-07 214087-009 10/30/2006	SB-08 214087-010 10/30/2006
Methoxychlor	(ug/kg)		210 U	450 J	380 U	420 U	240 U
Toxaphene	(ug/kg)		820 U	7600 U	1500 U	1700 U	960 U
Aroclor 1016	(ug/kg)		1000 U	19000 U	960 U	420 U	4900 U
Aroclor 1221	(ug/kg)		2000 U	38000 U	1900 U	820 U	9400 U
Aroclor 1232	(ug/kg)		1000 U	19000 U	960 U	420 U	4900 U
Aroclor 1242	(ug/kg)		1000 U	19000 U	960 U	420 U	4900 U
Aroclor 1248	(ug/kg)		1000 U	19000 U	960 U	420 U	4900 U
Aroclor 1254	(ug/kg)		1900	19000 U	960 U	420 U	4900 U
Aroclor 1260	(ug/kg)		1200	160000	14000	6000	18000

See the Endnotes following the last page of this table.

Table 2-5
Summary of Soil Boring Analytical Results
Pesticides and Polychlorinated Biphenyls
Former Empire Electric Facility, Brooklyn, New York
Site Number 2-24-015

Notes:

- μg/kg = micrograms per kilogram (parts per billion; ppb).
- NYSDEC Part 375 Restricted SCO Commercial = Final Restricted Use Soil Cleanup Objectives (SCOs) as Presented in 6 NYCRR Part 375-6.8(b) Table 11-2, Protection of Public Health - Commercial.
- Bracketed values indicate exceedances of the NYSDEC Part 375 Restricted SCO Commercial.
- The samples were analyzed by Severn Trent Laboratories (STL) – Shelton, Connecticut, for Target Compound List (TCL) Pesticide Compound (Pest) analysis by USEPA Method 8081A and TCL Polychlorinated Biphenyl (PCB) analysis by USEPA Method 8082 in accordance with *"Test Methods for Evaluation Solid Waste, USEPA SW-846, Third Edition, September 1986, with revisions."*

Qualifiers

no qualifier	The compound was positively identified at the associated numerical value which is the concentration of the compound in the sample.
U	Non-Detect. The compound was analyzed for, but not detected. The associated numerical value is the reporting limit. The value is usable as a non-detect at the reporting limit.
J	Estimated value. The value was designated as estimated either by the laboratory per the method to indicate the compound is present, but the concentration is less than the reporting limit or by the validation process due to a QC exceedance. The value is usable as an estimated result
UJ	The compound was analyzed for, but not detected. The associated numerical value is the reporting limit. However, due to a QC exceedance the value is an estimated quantity. The value is usable as a non-detect at the estimated reporting limit.

Table 2-6
Summary of Soil Boring Analytical Results
Inorganics
Former Empire Electric Facility, Brooklyn, New York
Site Number 2-24-015

PERIOD: From 10/30/2006 thru 10/30/2006 - Inclusive
SAMPLE TYPE: Soil

CONSTITUENT	SITE LAB SAMPLE ID DATE	NYSDEC Part 375 Restricted SCO Commercial	SB-01 214087-001 10/30/2006	SB-01 214087-002 10/30/2006	SB-02 214087-003 10/30/2006	SB-02 214087-004 10/30/2006	SB-03 214087-005 10/30/2006
Starting Depth	(feet)		0.00	3.00	0.00	3.00	0.50
Ending Depth	(feet)		0.50	3.50	0.50	3.50	1.00
Aluminum	(mg/kg)		4250	2430	4140	4700	9430
Antimony	(mg/kg)		12.1 U J	12.4 U J	12.5 U J	8.9 U J	11.8 U J
Arsenic	(mg/kg)	16	9.5 J	9.9 U J	8.4 J	7.1 U J	[48.4] J
Barium	(mg/kg)	400	[2120]	72.3	[637]	42.7	158
Beryllium	(mg/kg)	590	2.4 U	2.5 U	2.5 U	1.8 U	2.4 U
Cadmium	(mg/kg)	9.3	9.2	6.2 U	7.7	4.5 U	5.2 J
Calcium	(mg/kg)		20000	3220	16500	2080	41400
Chromium	(mg/kg)		95.9 J	4.1 J	50.4 J	11.3 J	21.7 J
Cobalt	(mg/kg)		10.6	3.8	8.3	6.2	6.9
Copper	(mg/kg)	270	270	41.1	[379]	19.6	98.3
Iron	(mg/kg)		65100	4120	40500	12300	78600
Lead	(mg/kg)	1000	[1170]	50.3	[1040]	34.8	[1370]
Magnesium	(mg/kg)		2820	790	3180	1550	8820
Manganese	(mg/kg)	10000	415	76.7	357	244	582
Mercury	(mg/kg)	2.8	1.3	[11.6]	[30.1]	0.13	1.2
Nickel	(mg/kg)	310	67.3	10.7	59.8	24.5	18.0
Potassium	(mg/kg)		486	293	294	570	1200
Selenium	(mg/kg)	1500	12.1 U J	12.4 U J	12.5 U J	8.9 U J	5.5 J
Silver	(mg/kg)	1500	1.4 J	3.7 U	1.5 J	2.7 U	3.5 U

See the Endnotes following the last page of this table.

Table 2-6
Summary of Soil Boring Analytical Results
Inorganics
Former Empire Electric Facility, Brooklyn, New York
Site Number 2-24-015

PERIOD: From 10/30/2006 thru 10/30/2006 - Inclusive
SAMPLE TYPE: Soil

CONSTITUENT	SITE LAB SAMPLE ID DATE	NYSDEC Part 375 Restricted SCO Commercial	SB-01 214087-001 10/30/2006	SB-01 214087-002 10/30/2006	SB-02 214087-003 10/30/2006	SB-02 214087-004 10/30/2006	SB-03 214087-005 10/30/2006
Sodium	(mg/kg)		269 J	142 J	166 J	75.7 J	1380 J
Thallium	(mg/kg)		24.2 U J	24.8 U J	25.0 U J	17.8 U J	23.5 U J
Vanadium	(mg/kg)		55.8	12.3	53.4	15.9	23.9
Zinc	(mg/kg)	10000	1730 J	164 J	1240 J	58.6 J	237 J

See the Endnotes following the last page of this table.

Table 2-6
Summary of Soil Boring Analytical Results
Inorganics
Former Empire Electric Facility, Brooklyn, New York
Site Number 2-24-015

PERIOD: From 10/30/2006 thru 10/30/2006 - Inclusive
SAMPLE TYPE: Soil

CONSTITUENT	SITE LAB SAMPLE ID DATE	NYSDEC Part 375 Restricted SCO Commercial	SB-04 214087-006 10/30/2006	SB-05 214087-007 10/30/2006	SB-06 214087-008 10/30/2006	SB-07 214087-009 10/30/2006	SB-08 214087-010 10/30/2006
Starting Depth	(feet)		0.50	0.50	0.50	0.50	0.50
Ending Depth	(feet)		1.00	1.00	1.00	1.00	1.00
Aluminum	(mg/kg)		6580	2650	3310	4820	11800
Antimony	(mg/kg)		11.7 U J	9.5 U J	9.4 U J	15.2 U J	14.5 U J
Arsenic	(mg/kg)	16	12.7 J	[25.6] J	9.0 J	12.2 U J	[38.0] J
Barium	(mg/kg)	400	49.4	159	83.9	336	[2600]
Beryllium	(mg/kg)	590	2.3 U	1.9 U	1.9 U	3.0 U	1.1 J
Cadmium	(mg/kg)	9.3	5.9 U	9.0	3.4 J	4.3 J	[21.2]
Calcium	(mg/kg)		42600	33900	86800	47300	25900
Chromium	(mg/kg)		7.1 J	37.5 J	13.0 J	19.7 J	92.5 J
Cobalt	(mg/kg)		2.6	19.3	4.3	2.7 J	15.9
Copper	(mg/kg)	270	20.3	[15600]	[1710]	[349]	[5300]
Iron	(mg/kg)		5330	129000	33700	8480	80800
Lead	(mg/kg)	1000	25.1	415	[1600]	[4860]	[5770]
Magnesium	(mg/kg)		3330	5020	35800	4970	3400
Manganese	(mg/kg)	10000	152	865	325	240	799
Mercury	(mg/kg)	2.8	0.17	[3.4]	2.2	1.5	2.7
Nickel	(mg/kg)	310	8.0	72.3	18.5	10.0	59.7
Potassium	(mg/kg)		955	529	726	908	1920
Selenium	(mg/kg)	1500	11.7 U J	3.0 J	9.4 U J	15.2 U J	14.5 U J
Silver	(mg/kg)	1500	3.5 U	1.8 J	2.8 U	4.6 U	2.0 J

See the Endnotes following the last page of this table.

Table 2-6
Summary of Soil Boring Analytical Results
Inorganics
Former Empire Electric Facility, Brooklyn, New York
Site Number 2-24-015

PERIOD: From 10/30/2006 thru 10/30/2006 - Inclusive
SAMPLE TYPE: Soil

CONSTITUENT	SITE LAB SAMPLE ID DATE	NYSDEC Part 375 Restricted SCO Commercial	SB-04 214087-006 10/30/2006	SB-05 214087-007 10/30/2006	SB-06 214087-008 10/30/2006	SB-07 214087-009 10/30/2006	SB-08 214087-010 10/30/2006
Sodium	(mg/kg)		831 J	251 J	365 J	560 J	2050 J
Thallium	(mg/kg)		23.5 U J	18.9 U J	18.8 U J	30.4 U J	29.1 U J
Vanadium	(mg/kg)		22.6	40.5	17.3	23.4	66.1
Zinc	(mg/kg)	10000	19.1 J	1060 J	357 J	447 J	5160 J

See the Endnotes following the last page of this table.

Table 2-6
Summary of Soil Boring Analytical Results
Inorganics
Former Empire Electric Facility, Brooklyn, New York
Site Number 2-24-015

Notes:

- mg/kg = milligrams per kilogram (parts per million; ppm).
- NYSDEC Part 375 Restricted SCO Commercial = Final Restricted Use Soil Cleanup Objectives (SCOs) as Presented in 6 NYCRR Part 375-6.8(b) Table 11-2, Protection of Public Health - Commercial.
- Bracketed values indicate exceedances of the NYSDEC Part 375 Restricted SCO Commercial.
- The samples were analyzed by Severn Trent Laboratories (STL) – Shelton, Connecticut, for Target Analyte List (TAL) Metals analysis with mercury analyzed by USEPA Method 7471A and all other metals analyzed by USEPA Method 6010B, in accordance with *"Test Methods for Evaluation Solid Waste, USEPA SW-846, Third Edition, September 1986, with revisions."*

Qualifiers

no qualifier	The analyte was positively identified at the associated numerical value which is the concentration of the analyte in the sample.
U	Non-Detect. The analyte was analyzed for, but not detected. The associated numerical value is the reporting limit. The value is usable as a non-detect at the reporting limit.
J	Estimated value. The value was designated as estimated either by the validation process due to a QC exceedance. The value is usable as an estimated result.
UJ	The analyte was analyzed for, but not detected. The associated numerical value is the reporting limit. However, due to a QC exceedance the value is an estimated quantity. The value is usable as a non-detect at the estimated reporting limit.

Table 2-7
Summary of Groundwater Analytical Results
Volatile Organic Compounds
Former Empire Electric Facility, Brooklyn, New York
Site Number 2-24-015

PERIOD: From 12/06/2006 thru 12/06/2006 - Inclusive
SAMPLE TYPE: Water

CONSTITUENT	SITE LAB SAMPLE ID DATE	NYSDEC TOGS	EMMW-5 214356-001 12/06/2006
1,1,1,2-Tetrachloroethane	(ug/l)	5	5.0 U
1,1,1-Trichloroethane	(ug/l)	5	5.0 U
1,1,2,2-Tetrachloroethane	(ug/l)	5	5.0 U J
1,1,2-Trichloroethane	(ug/l)	1	5.0 U
1,1-Dichloroethane	(ug/l)	5	5.0 U
1,1-Dichloroethene	(ug/l)	5	5.0 U
1,1-Dichloropropene	(ug/l)	5	5.0 U
1,2,3-Trichlorobenzene	(ug/l)	5	5.0 U J
1,2,3-Trichloropropane	(ug/l)	5	5.0 U J
1,2,4-Trichlorobenzene	(ug/l)	5	5.0 U
1,2,4-Trimethylbenzene	(ug/l)	5	5.0 U
1,2-Dibromoethane	(ug/l)	0.0006	5.0 U
1,2-Dichlorobenzene	(ug/l)	3	5.0 U
1,2-Dichloroethane	(ug/l)	0.6	5.0 U
1,2-Dichloropropane	(ug/l)	1	5.0 U
1,3,5-Trimethylbenzene	(ug/l)	5	5.0 U
1,3-Dichlorobenzene	(ug/l)	3	[3.6] J
1,3-Dichloropropane	(ug/l)	5	5.0 U
1,4-Dichlorobenzene	(ug/l)	3	5.0 U
2,2-Dichloropropane	(ug/l)		5.0 U
2-Butanone	(ug/l)	50	10 U J

See the Endnotes following the last page of this table.

Table 2-7
Summary of Groundwater Analytical Results
Volatile Organic Compounds
Former Empire Electric Facility, Brooklyn, New York
Site Number 2-24-015

PERIOD: From 12/06/2006 thru 12/06/2006 - Inclusive
SAMPLE TYPE: Water

CONSTITUENT	SITE LAB SAMPLE ID DATE	NYSDEC TOGS	EMMW-5 214356-001 12/06/2006
2-Chloroethyl vinyl ether	(ug/l)		5.0 U J
2-Chlorotoluene	(ug/l)	5	5.0 U
2-Hexanone	(ug/l)	50	10 U
4-Chlorotoluene	(ug/l)	5	5.0 U
4-Methyl-2-Pentanone	(ug/l)		10 U
Acetone	(ug/l)	50	10 U J
Benzene	(ug/l)	1	5.0 U
Bromobenzene	(ug/l)	5	5.0 U
Bromochloromethane	(ug/l)	5	5.0 U
Bromodichloromethane	(ug/l)	50	5.0 U
Bromoform	(ug/l)	50	5.0 U
Bromomethane	(ug/l)	5	5.0 U
Carbon Disulfide	(ug/l)	60	5.0 U
Carbon Tetrachloride	(ug/l)	5	5.0 U
Chlorobenzene	(ug/l)	5	1.4 J
Chloroethane	(ug/l)	5	5.0 U
Chloroform	(ug/l)	7	5.0 U
Chloromethane	(ug/l)	5	5.0 U
cis-1,2-Dichloroethene	(ug/l)	5	5.0 U
cis-1,3-Dichloropropene	(ug/l)	0.4	5.0 U
Dibromochloromethane	(ug/l)	50	5.0 U

See the Endnotes following the last page of this table.

Table 2-7
Summary of Groundwater Analytical Results
Volatile Organic Compounds
Former Empire Electric Facility, Brooklyn, New York
Site Number 2-24-015

PERIOD: From 12/06/2006 thru 12/06/2006 - Inclusive
SAMPLE TYPE: Water

CONSTITUENT	SITE LAB SAMPLE ID DATE	NYSDEC TOGS	EMMW-5 214356-001 12/06/2006
Dibromochloropropane	(ug/l)	0.04	5.0 U J
Dibromomethane	(ug/l)	5	5.0 U
Dichlorodifluoromethane	(ug/l)	5	5.0 U
Ethylbenzene	(ug/l)	5	5.0 U
Hexachlorobutadiene	(ug/l)	0.5	5.0 U J
Iodomethane	(ug/l)		10 U
Isopropylbenzene	(ug/l)	5	5.0 U
Methyl Tertiary Butyl Ether	(ug/l)	10	5.0 U
Methylene Chloride	(ug/l)	5	5.0 U
Naphthalene	(ug/l)	10	1.1 J
n-Butylbenzene	(ug/l)	5	5.0 U
n-Propylbenzene	(ug/l)	5	5.0 U
p-Isopropyltoluene	(ug/l)	5	5.0 U
sec-Butylbenzene	(ug/l)	5	5.0 U
Styrene	(ug/l)	5	5.0 U
tert-Butylbenzene	(ug/l)	5	5.0 U
Tetrachloroethene	(ug/l)	5	5.0 U
Toluene	(ug/l)	5	5.0 U
trans-1,2-Dichloroethene	(ug/l)	5	5.0 U
trans-1,3-Dichloropropene	(ug/l)	0.4	5.0 U
Trichloroethene	(ug/l)	5	1.9 J

See the Endnotes following the last page of this table.

Table 2-7
Summary of Groundwater Analytical Results
Volatile Organic Compounds
Former Empire Electric Facility, Brooklyn, New York
Site Number 2-24-015

PERIOD: From 12/06/2006 thru 12/06/2006 - Inclusive
SAMPLE TYPE: Water

CONSTITUENT	SITE LAB SAMPLE ID DATE	NYSDEC TOGS	EMMW-5 214356-001 12/06/2006
Trichlorofluoromethane	(ug/l)	5	5.0 U
Vinyl Acetate	(ug/l)		5.0 U
Vinyl chloride	(ug/l)	2	5.0 U
Xylene (total)	(ug/l)	5	5.0 U

See the Endnotes following the last page of this table.

Table 2-7
Summary of Groundwater Analytical Results
Volatile Organic Compounds
Former Empire Electric Facility, Brooklyn, New York
Site Number 2-24-015

Notes:

- μg/l = micrograms per liter (parts per billion; ppb).
- NYSDEC TOGS = ambient water quality standards and guidance values for Class GA groundwater as identified in New York State Department of Environmental Conservation Technical and Operational Guidance Series No. 1.1.1.
- Bracketed values indicate exceedances of the standards and guidance values identified in TOGs 1.1.1.
- The samples were analyzed by Severn Trent Laboratories (STL) – Shelton, Connecticut, for Target Compound List (TCL) Volatile Organic Compound (VOC) analysis by USEPA SW-846 Method 8260B, in accordance with *"Test Methods for Evaluation Solid Waste, USEPA SW-846, Third Edition, September 1986, with revisions."*

Qualifiers

U	Non-Detect. The compound was analyzed for, but not detected. The associated numerical value is the reporting limit. The value is usable as a non-detect at the reporting limit.
J	Estimated value. The value was designated as estimated either by the laboratory per the method to indicate the compound is present, but the concentration is less than the reporting limit or by the validation process due to a QC exceedance. The value is usable as an estimated result
UJ	The compound was analyzed for, but not detected. The associated numerical value is the reporting limit. However, due to a QC exceedance the value is an estimated quantity. The value is usable as a non-detect at the estimated reporting limit.

Table 2-8
Summary of Groundwater Analytical Results
Semivolatile Organic Compounds
Former Empire Electric Facility, Brooklyn, New York
Site Number 2-24-015

PERIOD: From 12/06/2006 thru 12/06/2006 - Inclusive
SAMPLE TYPE: Water

CONSTITUENT	SITE LAB SAMPLE ID DATE	NYSDEC TOGS	EMMW-5 214356-001 12/06/2006
1,2,4-Trichlorobenzene	(ug/l)	5	10 U J
1,2-Dichlorobenzene	(ug/l)	3	10 U J
1,3-Dichlorobenzene	(ug/l)	3	3 J
1,4-Dichlorobenzene	(ug/l)	3	2 J
2,2'-oxybis(1-Chloropropane)	(ug/l)		10 U J
2,4,5-Trichlorophenol	(ug/l)	1	50 U J
2,4,6-Trichlorophenol	(ug/l)	1	10 U J
2,4-Dichlorophenol	(ug/l)	5	10 U J
2,4-Dimethylphenol	(ug/l)	1	10 U J
2,4-Dinitrophenol	(ug/l)	10	50 U J
2,4-Dinitrotoluene	(ug/l)	5	10 U J
2,6-Dinitrotoluene	(ug/l)	5	10 U J
2-Chloronaphthalene	(ug/l)	10	10 U J
2-Chlorophenol	(ug/l)	1	10 U J
2-Methylnaphthalene	(ug/l)		10 U J
3,3-Dichlorobenzidine	(ug/l)	5	20 U J
4,6-Dinitro-o-cresol	(ug/l)	1	50 U J
4-Bromophenyl phenyl ether	(ug/l)		10 U J
4-Chlorophenyl phenyl ether	(ug/l)		10 U J
Acenaphthene	(ug/l)	20	10 U J
Acenaphthylene	(ug/l)		10 U J

See the Endnotes following the last page of this table.

Table 2-8
Summary of Groundwater Analytical Results
Semivolatile Organic Compounds
Former Empire Electric Facility, Brooklyn, New York
Site Number 2-24-015

PERIOD: From 12/06/2006 thru 12/06/2006 - Inclusive
SAMPLE TYPE: Water

CONSTITUENT	SITE LAB SAMPLE ID DATE	NYSDEC TOGS	EMMW-5 214356-001 12/06/2006
Anthracene	(ug/l)	50	10 U J
Benzo(a)anthracene	(ug/l)	0.002	10 U J
Benzo(a)pyrene	(ug/l)	0	10 U J
Benzo(b)fluoranthene	(ug/l)	0.002	10 U J
Benzo(ghi)perylene	(ug/l)		10 U J
Benzo(k)fluoranthene	(ug/l)	0.002	10 U J
Benzyl alcohol	(ug/l)		10 U J
Bis(2-chloroethoxy)methane	(ug/l)	5	10 U J
Bis(2-chloroethyl)ether	(ug/l)	1	10 U J
Bis(2-ethylhexyl)phthalate (BEHP)	(ug/l)	5	10 U J
Butyl benzyl phthalate	(ug/l)	50	10 U J
Carbazole	(ug/l)		10 U J
Chrysene	(ug/l)	0.002	10 U J
Dibenzo(a,h)anthracene	(ug/l)		10 U J
Dibenzofuran	(ug/l)		10 U J
Diethyl phthalate	(ug/l)	50	10 U J
Dimethyl phthalate	(ug/l)	50	10 U J
Di-n-butyl phthalate	(ug/l)	50	10 U J
Di-n-octyl phthalate	(ug/l)	50	10 U J
Fluoranthene	(ug/l)	50	10 U J
Fluorene	(ug/l)	50	10 U J

See the Endnotes following the last page of this table.

Table 2-8
Summary of Groundwater Analytical Results
Semivolatile Organic Compounds
Former Empire Electric Facility, Brooklyn, New York
Site Number 2-24-015

PERIOD: From 12/06/2006 thru 12/06/2006 - Inclusive
SAMPLE TYPE: Water

CONSTITUENT	SITE LAB SAMPLE ID DATE	NYSDEC TOGS	EMMW-5 214356-001 12/06/2006
Hexachlorobenzene	(ug/l)	0.04	10 U J
Hexachlorobutadiene	(ug/l)	0.5	10 U J
Hexachlorocyclopentadiene	(ug/l)	5	10 U J
Hexachloroethane	(ug/l)	5	10 U J
Indeno(1,2,3-cd)pyrene	(ug/l)	0.002	10 U J
Isophorone	(ug/l)	50	10 U J
m-Nitroaniline	(ug/l)	5	50 U J
Naphthalene	(ug/l)	10	10 U J
Nitrobenzene	(ug/l)	0.4	10 U J
N-Nitrosodiphenylamine	(ug/l)	50	10 U J
N-Nitrosodipropylamine	(ug/l)		10 U J
o-Cresol	(ug/l)	1	10 U J
o-Nitroaniline	(ug/l)	5	50 U J
o-Nitrophenol	(ug/l)	1	10 U J
p-Chloroaniline	(ug/l)	5	10 U J
p-Chloro-m-cresol	(ug/l)	1	10 U J
p-Cresol	(ug/l)	1	10 U J
Pentachlorophenol	(ug/l)	1	50 U J
Phenanthrene	(ug/l)	50	10 U J
Phenol	(ug/l)	1	10 U J
p-Nitroaniline	(ug/l)	5	20 U J

See the Endnotes following the last page of this table.

Table 2-8
Summary of Groundwater Analytical Results
Semivolatile Organic Compounds
Former Empire Electric Facility, Brooklyn, New York
Site Number 2-24-015

PERIOD: From 12/06/2006 thru 12/06/2006 - Inclusive
SAMPLE TYPE: Water

CONSTITUENT	SITE LAB SAMPLE ID DATE	NYSDEC TOGS	EMMW-5 214356-001 12/06/2006
p-Nitrophenol	(ug/l)	1	50 U J
Pyrene	(ug/l)	50	10 U J

See the Endnotes following the last page of this table.

Table 2-8
Summary of Groundwater Analytical Results
Semivolatile Organic Compounds
Former Empire Electric Facility, Brooklyn, New York
Site Number 2-24-015

Notes:

- μg/l = micrograms per liter (parts per billion; ppb).
- NYSDEC TOGS = ambient water quality standards and guidance values for Class GA groundwater as identified in New York State Department of Environmental Conservation Technical and Operational Guidance Series No. 1.1.1.
- Bracketed values indicate exceedances of the standards and guidance values identified in TOGs 1.1.1.
- The samples were analyzed by Severn Trent Laboratories (STL) – Shelton, Connecticut, for Target Compound List (TCL) Volatile Organic Compound (VOC) analysis by USEPA SW-846 Method 8260B, in accordance with *"Test Methods for Evaluation Solid Waste, USEPA SW-846, Third Edition, September 1986, with revisions."*

Qualifiers

J	Estimated value. The value was designated as estimated either by the laboratory per the method to indicate the compound is present, but the concentration is less than the reporting limit or by the validation process due to a QC exceedance. The value is usable as an estimated result
UJ	The compound was analyzed for, but not detected. The associated numerical value is the reporting limit. However, due to a QC exceedance the value is an estimated quantity. The value is usable as a non-detect at the estimated reporting limit.

Table 2-9
Summary of Groundwater Analytical Results
Polychlorinated Biphenyls
Former Empire Electric Facility, Brooklyn, New York
Site Number 2-24-015

PERIOD: From 12/06/2006 thru 12/06/2006 - Inclusive
SAMPLE TYPE: Water

CONSTITUENT	SITE LAB SAMPLE ID DATE	NYSDEC TOGS	EMMW-5 214356-002 12/06/2006	EMMW-5 214356-001 12/06/2006
Aroclor 1016	(ug/l)	0.09	NA	0.54 U
Aroclor 1221	(ug/l)	0.09	NA	1.1 U
Aroclor 1232	(ug/l)	0.09	NA	0.54 U
Aroclor 1242	(ug/l)	0.09	NA	0.54 U
Aroclor 1248	(ug/l)	0.09	NA	0.54 U
Aroclor 1254	(ug/l)	0.09	NA	0.54 U
Aroclor 1260	(ug/l)	0.09	NA	[0.31] J
Aroclor 1016 ()	(ug/l)	0.09	0.54 U J	NA
Aroclor 1221 ()	(ug/l)	0.09	1.1 U J	NA
Aroclor 1232 ()	(ug/l)	0.09	0.54 U J	NA
Aroclor 1242 ()	(ug/l)	0.09	0.54 U J	NA
Aroclor 1248 ()	(ug/l)	0.09	0.54 U J	NA
Aroclor 1254 ()	(ug/l)	0.09	0.54 U J	NA
Aroclor 1260 ()	(ug/l)	0.09	0.54 U J	NA

See the Endnotes following the last page of this table.

Table 2-9
Summary of Groundwater Analytical Results
Polychlorinated Biphenyls
Former Empire Electric Facility, Brooklyn, New York
Site Number 2-24-015

Notes:

- μg/l = micrograms per liter (parts per billion; ppb).
- NYSDEC TOGS = ambient water quality standards and guidance values for Class GA groundwater as identified in New York State Department of Environmental Conservation Technical and Operational Guidance Series No. 1.1.1.
- Bracketed values indicate exceedances of the standards and guidance values identified in TOGs 1.1.1.
- The samples were analyzed by Severn Trent Laboratories (STL) – Shelton, Connecticut, for Target Compound List (TCL) Polychlorinated Biphenyl (PCB) analysis by USEPA Method 8082 in accordance with *"Test Methods for Evaluation Solid Waste, USEPA SW-846, Third Edition, September 1986, with revisions."*
- Sample was filtered and re-analyzed. Second set of data is the filtered results. Due to a software limitation, the data can not be reported together.

Qualifiers

U	Non-Detect. The compound was analyzed for, but not detected. The associated numerical value is the reporting limit. The value is usable as a non-detect at the reporting limit.
J	Estimated value. The value was designated as estimated either by the laboratory per the method to indicate the compound is present, but the concentration is less than the reporting limit or by the validation process due to a QC exceedance. The value is usable as an estimated result
UJ	The compound was analyzed for, but not detected. The associated numerical value is the reporting limit. However, due to a QC exceedance the value is an estimated quantity. The value is usable as a non-detect at the estimated reporting limit.

Table 4-1
Immuno-Assay Screening Results: Polychlorinated Biphenyls in Basement Building Materials
Former Empire Electric Facility, Brooklyn, New York
Site Number 2-24-015

Samples Below 25 ppm		Samples >25 & <50 ppm		Samples >50 & <75 ppm		Samples >75 & <100 ppm		Samples >100 & <125 ppm	
ERM-BWL-003	2.04	ERM-B-016	46.66	ERM-B-001	54.63	ERM-B-006	99.69	ERM-B-007	109.27
ERM-BWL-004	0.85	ERM-B-017	44.41	ERM-B-002	60.21	ERM-B-008	91.18	ERM-B-013	112.74
ERM-BWL-009	2.36	ERM-B-028	28.31	ERM-B-004	66.96	ERM-B-009	80.10	ERM-B-020	100.45
ERM-P-009	23.12	ERM-B-043	35.30	ERM-B-005	63.90	ERM-B-011	96.74	ERM-B-021	105.95
ERM-P-029	22.83	ERM-B-052	49.01	ERM-B-010	56.41	ERM-B-014	81.25	ERM-B-027	116.35
ERM-P-034	20.09	ERM-BWL-002	32.97	ERM-B-012	59.42	ERM-B-023	91.86	ERM-B-036	110.13
ERM-P-043	23.83	ERM-BWL-005	44.43	ERM-B-015	61.00	ERM-B-024	98.94	ERM-B-042	101.24
		ERM-BWL-008	29.20	ERM-B-019	58.65	ERM-B-026	76.27	ERM-P-006	118.11
		ERM-P-003	30.75	ERM-B-022	59.81	ERM-B-029	76.80	ERM-P-007	105.18
		ERM-P-005	45.20	ERM-B-025	67.41	ERM-B-030	90.52		
		ERM-P-011	39.25	ERM-B-031	59.04	ERM-B-032	90.52		
		ERM-P-013	35.36	ERM-B-037	54.28	ERM-B-033	110.99		
		ERM-P-014	29.17	ERM-B-046	74.71	ERM-B-034	78.98		
		ERM-P-015	26.70	ERM-B-047	63.67	ERM-B-035	78.43		
		ERM-P-017	36.94	ERM-B-048	58.59	ERM-B-038	77.34		
		ERM-P-019	40.36	ERM-B-049	59.80	ERM-B-040	75.74		
		ERM-P-023	49.32	ERM-B-050	57.79	ERM-B-045	87.94		
		ERM-P-028	28.00	ERM-B-053	70.41	ERM-B-051	76.42		
		ERM-P-030	37.40	ERM-B-057	72.52	ERM-B-054	75.28		
		ERM-P-035	45.76	ERM-B-060	58.19	ERM-B-055	81.89		
		ERM-P-036	46.71	ERM-B-061	65.04	ERM-B-056	84.51		
		ERM-P-037	26.97	ERM-BWL-001	60.55	ERM-B-058	96.23		
		ERM-P-038	40.23	ERM-BWL-006	56.68	ERM-B-059	81.26		
		ERM-P-039	38.91	ERM-BWL-007	62.88	ERM-P-004	82.34		
		ERM-P-040	41.05	ERM-BWL-0010	56.68	ERM-P-008	79.03		
		ERM-P-041	32.62	ERM-P-001	57.64	ERM-P-020	95.53		
		ERM-P-042	33.04	ERM-P-002	58.00	ERM-P-026	78.59		
		ERM-P-044	49.38	ERM-P-010	63.68	ERM-P-032	77.37		
		ERM-P-045	37.15	ERM-P-012	52.64	ERM-P-046	96.97		
		ERM-P-047	32.62	ERM-P-016	73.41	ERM-P-053	83.06		
		ERM-P-048	36.91	ERM-P-018	51.40	ERM-P-064	83.73		
		ERM-P-049	25.66	ERM-P-021	50.49				
		ERM-P-051	34.35	ERM-P-022	59.08				
		ERM-P-052	39.43	ERM-P-025	51.14				
		ERM-P-054	47.69	ERM-P-027	66.40				
		ERM-P-055	41.60	ERM-P-031	66.90				
		ERM-P-057	33.47	ERM-P-033	56.09				
		ERM-P-059	25.34	ERM-P-050	71.07				
		ERM-P-060	46.39	ERM-P-056	71.07				
		ERM-P-063	35.26	ERM-P-058	64.44				
				ERM-P-061	61.65				
				ERM-P-062	56.09				

All sample results shown in parts per million (ppm)

Table 4-1
Immuno-Assay Screening Results: Polychlorinated Biphenyls in Basement Building Materials
Former Empire Electric Facility, Brooklyn, New York
Site Number 2-24-015

Samples >125 & <150 ppm		Samples >150 & <175 ppm		Samples >175 & <200 ppm		Samples >200 & < 225 ppm		Samples >225 & < 250 ppm	
ERM-B-039	140.43	ERM-P-024	156.11	ERM-B-018	199.60	ERM-B-003	209.57	ERM-B-044	226.08
ERM-B-041	139.71								

All sample results shown in parts per million (ppm)

Table 4-1A
Immuno-Assay Screening Results: Polychlorinated Biphenyls in Basement Building Materials at 1/4-Inch Depth
Former Empire Electric Facility, Brooklyn, New York
Site Number 2-24-015

Samples >25 ppm		Samples >25 & <50 ppm	
ERM-BWL-L005-02	21.86	ERM-BWL-L001-02	25.71
ERM-BWL-L006-02	7.23	ERM-BWL-L010-02	62.92
ERM-BWL-L007-02	24.93		

All sample results shown in parts per million (ppm)

Table 4-2
Immuno-Assay Screening Results: Polychlorinated Biphenyls in Main Floor Building Materials
Former Empire Electric Facility, Brooklyn, New York
Site Number 2-24-015

Samples >25 ppm		Samples >25 & <50 ppm		Samples >50 & <75 ppm		Samples >75 & <100 ppm	
ERM-1FL-015	17.11	ERM-1FL-007	44.87	ERM-1FL-004	62.43	ERM-1FL-002	86.90
ERM-1FL-025	23.06	ERM-1FL-008	43.07	ERM-1FL-011	74.53	ERM-1FL-003	84.09
ERM-1FL-075	6.75	ERM-1FL-012	44.26	ERM-1FL-024	72.22	ERM-1FL-005	99.48
ERM-1FL-076	10.56	ERM-1FL-019	29.74	ERM-1FL-027	54.67	ERM-1FL-010	92.91
ERM-1WL-L-005	24.61	ERM-1FL-020	43.07	ERM-1FL-028	51.98	ERM-1FL-016	75.72
ERM-1WL-L-008	8.12	ERM-1FL-035	43.79	ERM-1FL-055	68.00	ERM-1FL-022	89.10
ERM-1WL-L-009	12.41	ERM-1FL-073	40.47	ERM-1FL-056	73.48	ERM-1FL-023	96.12
ERM-1WL-L-010	20.64	ERM-1WL-L-002	28.83	ERM-1FL-067	67.42	ERM-1FL-032	76.76
ERM-1WL-U-004	23.47	ERM-1WL-L-003	43.07	ERM-1FL-068	72.85	ERM-1FL-040	96.19
ERM-1WL-U-005	19.37	ERM-1WL-L-004	30.49	ERM-1WL-L-001	53.50	ERM-1FL-048	94.42
ERM-1WL-U-006	10.22	ERM-1WL-L-006	25.21	ERM-1WL-L-011	61.70	ERM-1FL-057	79.52
ERM-1WL-U-007	24.33	ERM-1WL-L-007	27.61	ERM-1WL-L-012	67.21	ERM-1FL-058	80.23
ERM-1WL-U-008	24.83	ERM-1WL-L-014	28.12	ERM-1WL-L-016	67.21	ERM-1FL-059	97.08
ERM-1WL-U-009	13.46	ERM-1WL-L-015	28.12	ERM-1WL-U-010	62.88	ERM-1FL-060	77.44
		ERM-1WL-U-001	33.14			ERM-1FL-064	91.85
		ERM-1WL-U-002	40.59			ERM-1FL-065	83.14
		ERM-1WL-U-003	38.82				

All sample results shown in parts per million (ppm)

Table 4-2
Immuno-Assay Screening Results: Polychlorinated Biphenyls in Main Floor Building Materials
Former Empire Electric Facility, Brooklyn, New York
Site Number 2-24-015

Samples >100 & <125 ppm		Samples >125 & <150 ppm		Samples >150 & <175 ppm		Samples >175 & <200 ppm	
ERM-1FL-001	109.54	ERM-1FL-006	137.98	ERM-1FL-013	153.62	ERM-1FL-029	175.73
ERM-1FL-009	122.11	ERM-1FL-021	135.37	ERM-1FL-045	157.78	ERM-1FL-038	185.70
ERM-1FL-014	108.58	ERM-1FL-026	129.12	ERM-1FL-070	164.19	ERM-1FL-046	179.63
ERM-1FL-017	100.34	ERM-1FL-031	125.87	ERM-1FL-072	160.69	ERM-1FL-063	194.21
ERM-1FL-018	120.99	ERM-1FL-039	136.42			ERM-1FL-069	193.52
ERM-1FL-036	123.39	ERM-1FL-054	139.24				
ERM-1FL-043	120.98	ERM-1FL-074	135.71				
ERM-1FL-051	117.47						
ERM-1FL-052	105.66						
ERM-1FL-061	112.99						
ERM-1FL-062	101.73						
ERM-1WL-L-013	109.48						

All sample results shown in parts per million (ppm)

Table 4-2
Immuno-Assay Screening Results: Polychlorinated Biphenyls in Main Floor Building Materials
Former Empire Electric Facility, Brooklyn, New York
Site Number 2-24-015

Samples >200 & < 225 ppm		Samples >225 & < 250 ppm		Samples >250 & < 275 ppm		Samples >275 & < 300 ppm		Samples >300 & < 500 ppm	
ERM-1FL-037	205.57	ERM-1FL-030	228.32	ERM-1FL-033	251.38	ERM-1FL-047	299.71	ERM-1FL-049	489.57
ERM-1FL-044	215.30	ERM-1FL-034	225.63						
ERM-1FL-053	200.93	ERM-1FL-041	242.39						
		ERM-1FL-042	242.39						
		ERM-1FL-050	248.34						
		ERM-1FL-066	233.81						
		ERM-1FL-071	229.47						

All sample results shown in parts per million (ppm)

Table 4-2A
Immuno-Assay Screening Results: Polychlorinated Biphenyls in Main Floor Building Materials at 1/4-inch Depth
Former Empire Electric Facility, Brooklyn, New York
Site Number 2-24-015

Samples >25 ppm		Samples >25 & <50 ppm	
ERM-1WL-L001-02	11.54	ERM-1WL-L003-02	25.44
ERM-1WL-L007-02	23.93		
ERM-1WL-L010-02	8.97		
ERM-1WL-L011-02	18.70		
ERM-1WL-L012-02	21.22		
ERM-1WL-L016-02	24.42		

All sample results shown in parts per million (ppm)

Table 4-3
Immune-Assay Screening Results: Polychlorinated Biphenyls in First Mezzanine
Former Empire Electric Facility, Brooklyn, New York
Site Number 2-24-015

Samples >25 ppm		Samples >25 & <50 ppm		Samples >50 & <75 ppm		Samples >100 & <125 ppm	
ERM-2FL-001	12.33	ERM-2FL-007	38.63	ERM-2WL-L-001	62.09	ERM-2FL-008	116.32
ERM-2FL-002	8.16	ERM-2WL-L-002	30.92	ERM-2WL-L-003	50.20		
ERM-2FL-003	16.96	ERM-2WL-L-004	27.69				
ERM-2FL-004	15.68	ERM-2WL-L-005	46.80				
ERM-2FL-005	1.98	ERM-2WL-L-007	35.75				
ERM-2FL-006	4.09	ERM-2WL-L-009	37.35				
ERM-2WL-L-006	22.54						
ERM-2WL-L-008	24.08						

All sample results shown in parts per million (ppm)

Table 4-4
Immune-Assay Screening Results: Polychlorinated Biphenyls in Second Mezzanine
Former Empire Electric Facility, Brooklyn, New York
Site Number 2-24-015

Samples >25 ppm		Samples >25 & <50 ppm		Samples >50 & <75 ppm		Samples >125 & <150 ppm		Samples >175 & <200 ppm	
ERM-3FL-001	14.79	ERM-3FL-003	26.00	ERM-3FL-010	61.06	ERM-3FL-027	141.50	ERM-3FL-026	182.20
ERM-3FL-002	13.09	ERM-3FL-004	41.42	ERM-3FL-011	58.59				
ERM-3FL-009	16.48	ERM-3FL-005	28.82	ERM-3FL-013	56.25				
ERM-3FL-014	23.89	ERM-3FL-006	32.40	ERM-3FL-022	52.29				
ERM-3FL-017	16.07	ERM-3FL-007	46.29	ERM-3FL-023	61.06				
ERM-3FL-018	1.32	ERM-3FL-008	28.82						
ERM-3FL-020	10.55	ERM-3FL-012	27.74						
ERM-3WL-L-002	5.30	ERM-3FL-015	32.95						
		ERM-3FL-016	32.22						
		ERM-3FL-019	42.44						
		ERM-3FL-021	40.43						
		ERM-3FL-024	40.43						
		ERM-3FL-025	31.86						
		ERM-3WL-L-001	37.35						

All sample results shown in parts per million (ppm)

Table 4-5
USEPA Method 8082 Results: Polychlorinated Biphenyls in Select Building Material Samples
Former Empire Electric Facility, Brooklyn, New York
Site Number 2-24-015

Sample ID	Aroclor 1260	Aroclor 1242	Aroclor 1254	Aroclor 1248	Total PCBs
ERM-BWL-004	0.01				0.01
ERM-BWL-L006-02	0.01				0.01
ERM-1WL-L001-02	0.02				0.02
ERM-1WL-L-008	0.10				0.10
ERM-1WL-L010-02	0.01				0.01
ERM-1WL-U-004	0.08				0.08
ERM-1WL-U-009	0.06				0.06
ERM-1FL-025	300.0				300.0
ERM-2FL-003	0.21				0.21
ERM-2FL-005	0.13				0.13
ERM-2FL-006	0.03				0.03
ERM-2WL-L-008	0.08		0.04		0.12
ERM-3FL-014	6.30				6.30
ERM-3FL-018	4.20				4.20
ERM-3WL-L-002	0.03				0.03
ERM-BWL-005	0.050				0.050
ERM-BWL-0010	0.094				0.094
ERM-BWL-L010-02	0.023				0.023
ERM-B-031	2.30				2.30
ERM-P-016	20.0				20.0
ERM-P-056	0.060				0.060
ERM-P-060	0.210				0.210
ERM-P-062	0.130				0.130
ERM-1WL-U-001	0.055				0.055
ERM-1WL-U-003	0.120				0.120
ERM-1WL-U-010	0.240				0.240
ERM-1WL-L-002	0.088				0.088
ERM-1WL-L-006	0.30				0.30
ERM-1WL-L-012	0.54				0.54
ERM-1WL-L003-02	0.170				0.17
ERM-1FL-011	13.0				13.0
ERM-1FL-012	12.0				12.0
ERM-1FL-055	590.0				590.0
ERM-1FL-056	29.0				29.0
ERM-1FL-068	32.0				32.0
ERM-2WL-L-001	0.20				0.20
ERM-2WL-L-003	0.095				0.095
ERM-2WL-L-005	0.22				0.22
ERM-2WL-L-009	0.14		0.160		0.30
ERM-2FL-007	0.27				0.27
ERM-3FL-004	4.30		2.70		7.00
ERM-3FL-007	7.20				7.20
ERM-3FL-012	2.20				2.20
ERM-3FL-016	12.0				12.0
ERM-3FL-023	96.0				96.0
ERM-3FL-024	60.0				60.0
ERM-B-003	220.0				220.0
ERM-B-018	48.0		21.0		69.0
ERM-B-020	10.0				10.0
ERM-B-039	39.0				39.0
ERM-B-044	33.0				33.0
ERM-P-024	20.0				20.0
ERM-1FL-033	920.0				920.0
ERM-1FL-047	110.0			650.0	760.0
ERM-1FL-049	2500				2500
ERM-1FL-050	740				740
ERM-1FL-053	1700				1700
ERM-1FL-063	310				310
ERM-1FL-074	13.0	1.80			14.8
ERM-2FL-008	7.80		2.50		10.3
ERM-3FL-026	2.10				2.10

All sampe results shown in parts per million (ppm)
Samples ending in '-02' were collected from
1/4" depth into the wall.