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.

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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

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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

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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

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