TABLES

Table 1 - Boring Locations
Remedial Investigation
Atlas Park
Glendale, Queens

Boring ID	Location within Site Grid	Ground Surface Elevation (feet) (1)	Total Depth of Completion (feet)	Drilling Method	Remarks (2)
IRM AREA					
B-1	R4,	77.5	72	HSA	
B-2	O4	83.0	27	HSA	
B-3	L1	78.8	15	HSA	
B-4	K3	76.5	15	HSA	
B-5	J4	76.2	15	HSA	
B-8	D1	73.3	22	HSA	
B-11	I12	72.8	27	HSA	
B-12	G11	70.8	75	HSA	Groundwater sample.
B-13	Q12	76.9	77	HSA	Groundwater sample.
B-14	S11	77.9	3.5	HSA	
B-15	R7	84.3	27	HSA	
B-17	B9	74.0	47	HSA	
B-18	C11	73.8	47	HSA	
B-19	C12	73.4	47	HSA	
B-21	F12	74.1	47	HSA	
B-22	E12	70.3	47	HSA	
B-23	D9	70.6	47	HSA	
B-24	E8	72.8	30	HSA	
B-25	E7	72.7	47	HSA	
B-26	E8	72.8	47	HSA	
B-27	D7	72.7	40	HSA	
B-28	I6	77.0	72	HSA	Groundwater sample.
B-29	H8	77.0	47	HSA	
B-30	I9	73.3	47	HSA	
B-31	I8	75.0	47	HSA	
B-32	K7	82.7	47	HSA	
B-33	K10	77.2	47	HSA	
B-34	N11	77.2	47	HSA	
B-35	N9	82.5	47	HSA	
B-36	P8	82.5	47	HSA	
B-37	Q9	81.4	27	HSA	
B-39	L5	82.0	47	HSA	
B-40	N5	82.0	27	HSA	
B-41	K12	73.7	27	HSA	
B-42	M12	74.0	27	HSA	
B-43	H5	75.0	43	HSA	
B-44	H11	73.8	47	HSA	
B-54	R6	76.4	15	HSA	Soil gas sample.
B-56	D9	70.6	70	HSA	Groundwater sample.

Table 1 - Boring Locations
Remedial Investigation
Atlas Park
Glendale, Queens

Boring ID	Location within Site Grid	Ground Surface Elevation (feet) (1)	Total Depth of Completion (feet)	Drilling Method	Remarks (2)
RI AREA					
B-06	K1	76.9	74	HSA	Groundwater sample.
B-07	F4	72.9	15	GeoProbe	
B-09	B3	72.8	15	GeoProbe	
B-10	A5	71.9	27	GeoProbe	
B-16	A6	71.8	71	HSA	Groundwater sample.
B-20	E14	70.3	70	HSA	Groundwater sample.
B-38	D1	73.0	70	HSA	Groundwater sample.
B-45	Q2	91.1	15	GeoProbe	Soil gas sample.
B-46	O2	91.1	15	GeoProbe	Soil gas sample.
B-47	L2	77.8	15	GeoProbe	
B-48	J2	97.2	15	GeoProbe	Soil gas sample.
B-49	G2	97.2	16	GeoProbe	Soil gas sample.
B-50	D2	72.7	15	GeoProbe	Soil gas sample.
B-51	E4	72.7	13.5	GeoProbe	Soil gas sample.
B-52	R10	112.3	15	GeoProbe	Soil gas sample.
B-53	Q10	112.3	13.5	GeoProbe	Soil gas sample.
B-55	B5	76.4	16	GeoProbe	
B-57	S7	84.6	83	HSA	Groundwater sample.
B-58	S3	89.8	91	HSA	Groundwater sample.
B-59	N2	78.8	15	GeoProbe	Soil gas sample.

Notes:

1) Elevations are in Queens Borough Datum, 2.725 ft above mean sea level in Sandy Hook, NJ
2) Soil samples were collected at all locations. Please see RI Report text.
3) Elevations obtained from site survey plan, completed by Langan April 25, 2003 and revised January 30,2004.

HAS = Hollow Stem Auger

Table 2 - Environmental Soil Sample Summary
Remedial Investigation
Atlas Park
Queens, New York

Boring ID	AOC or Site Conditions Investigated[1]	Samples Depth (ft)	Date of Collection	Ash Present? (Yes/No)	Other Visual Concerns[2] (Yes/No)	Native / Fill	Sample Description[3]	Analytical Results
B-6	Downgradient Groundwater	2 - 4	8/10/04	No	No	Fill	Tan gravelly m-c SAND	SVOC exceedances
B-6		59 - 61	8/10/04	No	No	Native	Brn. f-m SAND	No TAGM exceedances
B-7	AOC 9 Between Bldgs. 1 & 28	2 - 4	7/14/04	No	No	Fill	Lt Brn m SAND, some m-f Gravel	No TAGM exceedances
B-7		7 - 9	7/14/04	No	No	Fill	Brn m-c SAND, tr f Gravel	SVOC exceedances
B-9	AOC 3A	1 - 3	7/16/04	No	No	Fill	Blk-Brn c SAND, some c Gravel, brick fragments	SVOC, Hg, Cu exceedances
B-9		3 - 5	7/14/04	No	No	Fill	Gr-Brn m-c SAND, some c Gravel, brick fragments	No TAGM exceedances
B-9		8 - 10	7/14/04	No	No	Native	Brn m-c SAND, tr f Gravel	No TAGM exceedances
B-10	AOC 1C	2 - 4	7/14/04	No	No	Fill	Dr Brn m-c SAND, tr f Gravel	Hg exceedance
B-10		8 - 10	7/14/04	No	Yes - PID, odor	Fill	Gr-Brn m-f SAND, tr Silt	Hg, As exceedances
B-10		19 - 23	7/14/04	No	Yes - PID, odor	Native	Blk m-c SAND, tr m Gravel	SVOC exceedances
B-16	AOC 1C	1 - 3	7/21/04	No	No	Fill	Blk m-c GRAVEL, some c Sand, asphalt, concrete, glass fragments	No TAGM exceedances
B-16		5 - 7	7/21/04	No	No	Fill	Dk Brn m-c SAND, tr m-f Gravel	No TAGM exceedances
B-16		55 - 57	7/27/04	No	No	Native	Multi-colored c SAND, tr. f Gravel	No TAGM exceedances
B-20	Upgradient Groundwater	1 - 5	7/28/04	No	No	Fill	Dk Brn silty f SAND, tr glass fragments, tr Gravel, pebble-sized rock fragments	No TAGM exceedances
B-20		7 - 9	7/28/04	No	Yes - PID	Fill	(7.0' - 7.2'): Blk gravelly m SAND; (7.2' - 9.0'): Org Brn sandy SILT, tr Gravel	No TAGM exceedances
B-20		52 - 54	7/29/04	No	No	Native	Tan-Brn m SAND, tr Gravel, pebble-sized rock fragments	No TAGM exceedances
B-38	Downgradient Groundwater	1 - 3	7/19/04	No	No	Fill	Blk c-m GRAVEL, some m-c Sand, concrete, asphalt and brick fragments	No TAGM exceedances
B-38		5 - 7	7/19/04	No	No	Fill	Lt Brn f SAND, tr Silt and m-f Gravel	No TAGM exceedances
B-38		57 - 58	7/19/04	No	No	Native	Multi-colored c SAND, tr. f Gravel	No TAGM exceedances
B-45	AOC 9 Beneath Bldg. 37	2 - 4	7/16/04	No	No	Fill	Reddish-Brn c-m SAND, tr c Gravel	SVOCs, Hg exceedances
B-45		5 - 7	7/16/04	No	No	Fill	Brn m-f SAND, tr f Gravel	SVOC exceedances
B-46	AOC 9 Beneath Bldg. 37	4 - 6	7/16/04	Yes	No	Fill	Gr-Brn m-f SAND, tr f Gravel and Silt, glass and concrete fragments, ash	SVOC exceedances
B-46		6 - 8	7/16/04	No	No	Fill	Dk Brn c-m SAND, some m-f Gravel	SVOCs, Hg exceedances
B-47	AOC 6H	2 - 4	7/16/04	Yes	No	Fill	Gr-Brn c-m SAND, some m Gravel, concrete, ash, glass fragments, clinkers	Hg exceedance
B-47		6 - 8	7/16/04	No	No	Fill	Brn c SAND, some m Gravel, concrete fragments	No TAGM exceedances
B-48	AOC 6H	2 - 4	7/15/04	No	No	Fill	Brn m-c SAND, tr f Gravel	SVOCs, Hg, Ba, Cu exceedances
DUP1		2 - 4	7/15/04	No	No	Fill	Brn m-c SAND, tr f Gravel	SVOCs, Hg exceedances
B-48		8 - 10	7/15/04	No	No	Fill	Gr-Brn c-m SAND, tr c Gravel and Silt	SVOCs, Hg, Ba, Cd, Cu, Pb exceedances

Table 2 - Environmental Soil Sample Summary
Remedial Investigation
Atlas Park
Queens, New York

Boring ID	AOC or Site Conditions Investigated[1]	Samples Depth (ft)	Date of Collection	Ash Present? (Yes/No)	Other Visual Concerns[2] (Yes/No)	Native / Fill	Sample Description[3]	Analytical Results
B-49	AOC 6H	2 - 4	7/15/04	Yes	No	Fill	Brn m-c SAND, some c Gravel, clinkers, ash	No TAGM exceedances
B-49		12 - 15	7/15/04	Yes	No	Fill	Brn-Blk c-m SAND, some m-c Gravel, concrete, brick and glass fragments, cinders, ash, clinkers	Hg, Cu exceedances
B-50	AOC 6A/7A	3 - 5	7/15/04	No	No	Fill	Gr-Brn m SAND, tr f-m Gravel, pulverized pebble/cobble/stone	Cu exceedance
B-50		6 - 8	7/15/04	No	No	Fill	Brn f-m SAND, tr Silt and f Gravel	No TAGM exceedances
B-51	AOC 6A/7A	2 - 4	7/15/04	Yes	No	Fill	Gr-Brn m-f SAND, tr m Gravel, pulverized concrete, 6" ash	SVOCs, Hg exceedances
B-51		6 - 8	7/15/04	No	No	Fill	Brn f-m SAND, some m Gravel, tr Silt	SVOCS exceedances
B-52	AOC 9 Beneath Bldg. 15	1 - 3	7/15/04	No	No	Fill	Brn m-c SAND, some m Gravel	Cu exceedance
B-52		4 - 6	7/15/04	No	No	Fill	Brn-Blk c-m SAND, tr m-f Gravel	As, Cu exceedances
B-53	AOC 9 Beneath Bldg. 15	1 - 4	7/15/04	No	No	Fill	Brn c-m SAND, some m-c Gravel	No TAGM exceedances
B-53		7 - 9	7/15/04	No	No	Native	Gr-Brn m-f SAND, tr Silt and Gravel, tr mica fragments	No TAGM exceedances
B-55	AOC 6E	0.5 - 2.5	8/12/04	No	Yes	Fill	Mottled brn-blk, tan m-c GRAVEL, Silt and f Sand	No TAGM exceedances
B-55		0.5 - 4.5	8/12/04	No	Yes	Fill	Blk gravelly f SAND, tr pebble-sized rock fragments	SVOCs, Cu exceedances
B-55		8 - 12	8/12/04	No	No	Fill	Org-Br gravelly m SAND, tr pebble-sized rock fragments	No TAGM exceedances
B-57	Upgradient Soil & Groundwater	0 - 5	7/22/04	No	No	Fill	Dk Brn c SAND, some m-c Gravel, concrete, brick, glass, asphalt fragments	SVOCs, Hg exceedances
B-57		68 - 70	8/6/04	No	No	Native	Tan sandy GRAVEL	No TAGM exceedances
DUP080604		68 - 70		No	No	Native	Tan sandy GRAVEL	
B-58	Upgradient Soil & Groundwater	0 - 5	7/22/04	No	No	Fill	Brn c-m SAND, some c-m Gravel, brick, concrete, asphalt fragments	SVOCs, Cu exceedances
B-58		18 - 21	7/22/04	No	No	Fill	Brn c-m SAND, tr f Gravel	SVOCS exceedances
B-58		73 - 75	8/2/04	No	No	Native	Tan m-c SAND, some Gravel-sized rock fragments	No TAGM exceedances
B-59	AOC 6H	3 - 5	7/16/04	No	No	Fill	Blk-Brn m-c Gravel, tr f Gravel	No TAGM exceedances
B-59		6 - 8	7/16/04	No	No	Fill	Brn m-c SAND, tr m-c Gravel	No TAGM exceedances

Notes:
1) AOC 9 (Historic Fill) investigated at all borings.
2) Based on visual evidence of suspected contamination or ash or elevated PID readings.
3) c = coarse, m = medium, f = fine

Table 3 - Summary of Sample Analyses
Remedial Investigation
Atlas Park
Glendale, Queens

Boring ID	Sample Depth (ft)	Matrix	Analyses							
			TCL VOCs (EPA 8260B)	TCL SVOCs (EPA 8270C)	TAL Metals (EPA 7471A, 6010B)	PCBs (EPA 8082)	TCL Pesticides (EPA 8081A)	TCL Herbicides (EPA 8151A)	RCRA Waste Classification Params [1]	VOCs (TO-15)
IRM AREA										
B-1	5 - 7	soil	X	X	X	X				
B-1	7 - 9	soil	X	X	X	X				
B-1	15 - 17	soil	X	X	X	X				
B-2	3 - 5	soil	X	X	X	X	X	X		
B-2	7 - 9	soil	X	X	X	X	X	X		
B-2	18 - 20	soil	X	X	X	X	X	X		
B-3	0 - 5	soil	X	X	X	X	X	X		
B-3	5 - 10	soil	X	X	X	X	X	X		
B-3	10 - 15	soil	X	X	X	X	X	X		
B-4	0 - 5	soil	X	X	X	X	X	X		
B-4	5 - 10	soil	X	X	X	X	X	X		
B-4	10 - 15	soil	X	X	X	X	X	X		
B-5	0 - 5	soil	X	X	X	X	X	X		
B-5	5 - 10	soil	X	X	X	X	X	X		
B-5	10 - 15	soil	X	X	X	X	X	X		
B-8	3 - 5	soil	X	X	X	X				
B-8	7 - 9	soil	X	X	X	X				
B-8	11 - 13	soil	X	X	X	X				
B-11	3 - 5	soil	X	X	X	X				
B-11	9 - 11	soil	X	X	X	X				
B-11	13 - 15	soil	X	X	X	X				
B-12	3 - 5	soil	X	X	X	X				
B-12	7 - 9	soil	X	X	X	X				
B-12	15 - 17	soil	X	X	X	X				
B-13	2 - 4	soil	X	X	X	X				
B-13	6 - 8	soil	X	X	X	X				
B-13	12 - 14	soil	X	X	X	X				
B-14	1 - 3	soil	X	X	X	X				

Table 3 - Summary of Sample Analyses
Remedial Investigation
Atlas Park
Glendale, Queens

Boring ID	Sample Depth (ft)	Matrix	Analyses							
			TCL VOCs (EPA 8260B)	TCL SVOCs (EPA 8270C)	TAL Metals (EPA 7471A, 6010B)	PCBs (EPA 8082)	TCL Pesticides (EPA 8081A)	TCL Herbicides (EPA 8151A)	RCRA Waste Classification Params [1]	VOCs (TO-15)
B-15	6 - 8	soil	X	X	X	X				
B-15	10 - 12	soil	X	X	X	X				
B-15	14 - 16	soil	X	X	X	X				
B-17	5 - 7	soil	X	X	X	X				
B-17	7 - 9	soil	X	X	X	X				
B-17	15 - 17	soil	X	X	X	X				
B-17	0 - 10	soil							X	
B-18	5 - 7	soil	X	X	X	X				
B-18	9 - 11	soil	X	X	X	X				
B-18	15 - 17	soil	X	X	X	X				
B-19	5 - 7	soil	X	X	X	X				
B-19	9 - 11	soil	X	X	X	X				
B-19	15 - 17	soil	X	X	X	X				
B-19	0 - 10	soil							X	
B-21	1 - 3	soil	X	X	X	X				
B-21	7 - 9	soil	X	X	X	X				
B-21	20 - 22	soil	X	X	X	X				
B-22	5 - 7	soil	X	X	X	X				
B-22	9 - 11	soil	X	X	X	X				
B-23	3 - 5	soil	X	X	X	X				
B-23	9 - 11	soil	X	X	X	X				
B-23	13 - 15	soil	X	X	X	X				
B-24	3 - 5	soil	X	X	X	X	X	X		
B-24	5 - 7	soil	X	X	X	X	X	X		
B-24	17 - 19	soil	X	X	X	X	X	X		
B-25	1 - 3	soil	X	X	X	X	X	X		
B-25	3 - 5	soil	X	X	X	X	X	X		
B-25	13 - 15	soil	X	X	X	X	X	X		
B-25	0 - 10	soil							X	

Table 3 - Summary of Sample Analyses
Remedial Investigation
Atlas Park
Glendale, Queens

Boring ID	Sample Depth (ft)	Matrix	Analyses							
			TCL VOCs (EPA 8260B)	TCL SVOCs (EPA 8270C)	TAL Metals (EPA 7471A, 6010B)	PCBs (EPA 8082)	TCL Pesticides (EPA 8081A)	TCL Herbicides (EPA 8151A)	RCRA Waste Classification Params [1]	VOCs (TO-15)
B-26	3 - 5	soil	X	X	X	X	X	X		
B-26	5 - 7	soil	X	X	X	X	X	X		
B-26	15 - 17	soil	X	X	X	X	X	X		
B-27	16 - 18	soil	X	X	X	X	X	X		
B-27	18 - 20	soil	X	X	X	X	X	X		
B-28	3 - 5	soil	X	X	X	X	X	X		
B-28	5 - 7	soil	X	X	X	X	X	X		
B-28	15 - 17	soil	X	X	X	X	X	X		
B-29	1 - 3	soil	X	X	X	X	X	X		
B-29	3 - 5	soil	X	X	X	X	X	X		
B-29	15 - 17	soil	X	X	X	X	X	X		
B-30	7 - 9	soil	X	X	X	X				
B-30	9 - 11	soil	X	X	X	X				
B-30	13 - 15	soil	X	X	X	X				
B-31	2.5 - 4.5	soil	X	X	X	X				
B-31	6.5 - 8.5	soil	X	X	X	X				
B-31	12.5 - 14.5	soil	X	X	X	X				
B-32	3 - 5	soil	X	X	X	X				
B-32	5 - 7	soil	X	X	X	X				
B-32	15 - 17	soil	X	X	X	X				
B-32	0 - 10	soil							X	

Table 3 - Summary of Sample Analyses
Remedial Investigation
Atlas Park
Glendale, Queens

Boring ID	Sample Depth (ft)	Matrix	Analyses							
			TCL VOCs (EPA 8260B)	TCL SVOCs (EPA 8270C)	TAL Metals (EPA 7471A, 6010B)	PCBs (EPA 8082)	TCL Pesticides (EPA 8081A)	TCL Herbicides (EPA 8151A)	RCRA Waste Classification Params [1]	VOCs (TO-15)
B-33	0.5 - 2.5	soil	X	X	X	X	X	X		
B-33	2.5 - 4.5	soil	X	X	X	X	X	X		
B-33	13 - 15	soil	X	X	X	X	X	X		
B-33	0 - 10	soil							X	
B-34	0.5 - 2.5	soil	X	X	X	X				
B-34	4.5 - 6.5	soil	X	X	X	X				
B-34	12.5 - 14.5	soil	X	X	X	X				
B-34	0 - 10	soil							X	
B-35	1 - 3	soil	X	X	X	X				
B-35	3 - 5	soil	X	X	X	X				
B-35	23 - 25	soil	X	X	X	X				
B-36	3 - 5	soil	X	X	X	X				
B-36	7 - 9	soil	X	X	X	X				
B-36	25 - 27	soil	X	X	X	X				
B-36	0 - 10	soil							X	
B-37	6 - 8	soil	X	X	X	X				
B-37	10 - 12	soil	X	X	X	X				
B-37	14 - 16	soil	X	X	X	X				

Table 3 - Summary of Sample Analyses
Remedial Investigation
Atlas Park
Glendale, Queens

Boring ID	Sample Depth (ft)	Matrix	Analyses							
			TCL VOCs (EPA 8260B)	TCL SVOCs (EPA 8270C)	TAL Metals (EPA 7471A, 6010B)	PCBs (EPA 8082)	TCL Pesticides (EPA 8081A)	TCL Herbicides (EPA 8151A)	RCRA Waste Classification Params [1]	VOCs (TO-15)
B-39	1 - 3	soil	X	X	X	X				
B-39	5 - 7	soil	X	X	X	X				
B-39	13 - 15	soil	X	X	X	X				
B-40	1 - 3	soil	X	X	X	X				
B-40	5 - 7	soil	X	X	X	X				
B-40	15 - 17	soil	X	X	X	X				
B-40	0 - 10	soil							X	
B-41	3 - 5	soil	X	X	X	X				
B-41	7 - 9	soil	X	X	X	X				
B-41	15 - 17	soil	X	X	X	X				
B-42	3 - 5	soil	X	X	X	X	X	X		
B-42	7 - 9	soil	X	X	X	X	X	X		
B-42	18 - 20	soil	X	X	X	X	X	X		
B-43	1 - 3	soil	X	X	X	X				
B-43	7 - 9	soil	X	X	X	X				
B-43	11 - 13	soil	X	X	X	X				
B-44	1 - 3	soil	X	X	X	X				
B-44	5 - 7	soil	X	X	X	X				
B-44	13 - 15	soil	X	X	X	X				

Table 3 - Summary of Sample Analyses
Remedial Investigation
Atlas Park
Glendale, Queens

Boring ID	Sample Depth (ft)	Matrix	Analyses							
			TCL VOCs (EPA 8260B)	TCL SVOCs (EPA 8270C)	TAL Metals (EPA 7471A, 6010B)	PCBs (EPA 8082)	TCL Pesticides (EPA 8081A)	TCL Herbicides (EPA 8151A)	RCRA Waste Classification Params [1]	VOCs (TO-15)
B-54	0 - 5	soil	X	X	X	X	X	X		
B-54	5 - 10	soil	X	X	X	X	X	X		
B-54	10 - 15	soil	X	X	X	X	X	X		
B-54	SG-10	soil gas								X
B-56	1 - 3	soil	X	X	X	X				
B-56	3 - 5	soil	X	X	X	X				
B-56	15 - 17	soil	X	X	X	X				
B-56	60 - 62	soil	X	X	X	X				
B-12(OW)	–	water	X	X	X	X	X	X		
B-13(OW)	–	water	X	X	X	X	X	X		
B-28(OW)	–	water	X	X	X	X	X	X		
B-56(OW)	–	water	X	X	X	X	X	X		
RI AREA										
B-06	2 - 4	Soil	X	X	X	X	X	X		
B-06	59 - 61	Soil	X	X	X	X				
B-07	2 - 4	Soil	X	X	X	X	X	X		
B-07	7 - 9	Soil	X	X	X	X				
B-09	1 - 3	Soil	X	X	X	X	X	X		
B-09	3 - 5	Soil	X	X	X	X	X	X		
B-09	8 - 10	Soil	X	X	X	X				
B-10	2 - 4	Soil	X	X	X	X	X	X		
B-10	8 - 10	Soil	X	X	X	X				
B-10	19 - 23	Soil	X	X						
B-16	1 - 3	Soil					X	X		
B-16	5 - 7	Soil	X	X	X	X				
B-16	55 - 57	Soil	X	X	X	X				
B-20	1 - 5	Soil	X	X	X	X	X	X		
B-20	7 - 9	Soil	X	X	X	X				
B-20	52 - 54	Soil	X	X	X	X				

Table 3 - Summary of Sample Analyses
Remedial Investigation
Atlas Park
Glendale, Queens

Boring ID	Sample Depth (ft)	Matrix	Analyses							
			TCL VOCs (EPA 8260B)	TCL SVOCs (EPA 8270C)	TAL Metals (EPA 7471A, 6010B)	PCBs (EPA 8082)	TCL Pesticides (EPA 8081A)	TCL Herbicides (EPA 8151A)	RCRA Waste Classification Params (1)	VOCs (TO-15)
B-38	1 - 3	Soil					X	X		
B-38	5 - 7	Soil	X	X	X	X				
B-38	57 - 58	Soil	X	X	X	X				
B-45	SG-1	Soil gas								X
B-45	2 - 4	Soil	X	X	X	X	X	X		
B-45	5 - 7	Soil	X	X	X	X				
B-46	SG-2	soil gas								X
B-46	4 - 6	Soil	X	X	X	X	X	X		
B-46	6 - 8	Soil	X	X	X	X				
B-47	2 - 4	Soil	X	X	X	X	X	X		
B-47	6 - 8	Soil	X	X	X	X				
B-48	SG-4	soil gas								X
B-48	2 - 4	Soil	X	X	X	X	X	X		
DUP-1	2 - 4	Soil	X	X	X	X	X	X		
B-48	8 - 10	Soil	X	X	X	X				
B-49	SG-5	soil gas								X
B-49	2 - 4	Soil	X	X	X	X	X	X		
B-49	12 - 15	Soil	X	X	X	X				
B-50	SG-6	soil gas								X
B-50	3 - 5	Soil	X	X	X	X	X	X		
B-50	6 - 8	Soil	X	X	X	X				
B-51	SG-7	soil gas								X
B-51	2 - 4	Soil	X	X	X	X	X	X		
B-51	6 - 8	Soil	X	X	X	X				
B-52	SG-8	soil gas								X
B-52	1 - 3	Soil	X	X	X	X	X	X		
B-52	4 - 6	Soil	X	X	X	X				
B-53	SG-9	soil gas								X
B-53	1 - 4	Soil	X	X	X	X	X	X		
B-53	7 - 9	Soil	X	X	X	X				

Table 3 - Summary of Sample Analyses
Remedial Investigation
Atlas Park
Glendale, Queens

Boring ID	Sample Depth (ft)	Matrix	Analyses							
			TCL VOCs (EPA 8260B)	TCL SVOCs (EPA 8270C)	TAL Metals (EPA 7471A, 6010B)	PCBs (EPA 8082)	TCL Pesticides (EPA 8081A)	TCL Herbicides (EPA 8151A)	RCRA Waste Classification Params [1]	VOCs (TO-15)
B-55	0.5 - 2.5	Soil					X	X		
B-55	0.5 - 4.5	Soil	X	X	X	X				
B-55	8 - 12	Soil	X	X	X	X				
B-57	0 - 5	Soil	X	X	X	X	X	X		
B-57	68 - 70	Soil	X	X	X	X				
DUP080604	68 - 70	Soil	X	X	X	X				
B-58	0 - 5	Soil	X	X	X	X	X	X		
B-58	18 - 21	Soil	X	X	X	X				
B-58	73 - 75	Soil	X	X	X	X				
B-59	SG-3	soil gas								X
B-59	3 - 5	Soil	X	X	X	X	X	X		
B-59	6 - 8	Soil	X	X	X	X				
GW-16	–	Water	X	X	X	X	X	X		
GW-20	–	Water	X	X	X	X	X	X		
GW-38	–	Water	X	X	X	X	X	X		
GW-57	–	Water	X	X	X	X	X	X		
GW-58	–	Water	X	X	X	X	X	X		
GW-6	–	Water	X	X	X	X	X	X		

Notes:

1) RCRA Waste Classification Parameters Include:
TCLP VOCs - EPA Method 8260B
TCLP SVOCs - EPA Method 8270C
TCLP Pesticides - EPA Method 8081
TCLP Herbicides - EPA Method 8151A
TCLP Metals - EPA Method 7470A, 6010B, 9102
PCBs - EPA Method 8082
RCRA Characteristics - ignitability, reactivity, corrosivity

Table 4
Groundwater Monitoring Well Construction Details
Remedial Site Investigation
Atlas Park
Glendale, Queens

Well No.	Top of Casing Elevation [1] (feet)	Total Depth (ft bgs) [2]	Diameter (inches)	Screen Length (feet)	Screen Interval (ft)		Lithology w/in Screened Interval	Current Status
					Depth (ft bgs)	Elevation [1]		
IRM AREA								
B-1(OW)	76.90 [3]	72	2	20	50 - 70	26.9 - 6.9	coarse to med SAND	abandoned [4]
B-12(OW)	70.45	75	2	20	55 - 75	15.45 - -4.55	coarse to fine SAND	abandoned [4]
B-13(OW)	76.78	77	2	20	57 - 77	19.78 - -0.22	coarse to fine SAND	intact
B-28(OW)	77.59	72	2	20	52 - 72	25.59 - 5.59	coarse to fine SAND	abandoned [4]
B-56(OW)	70.53	69	2	20	49 - 69	21.53 - 1.53	coarse to fine SAND	abandoned [4]
RI AREA								
MW-6	75.85	74	2	15	56 - 71	19.85 - 4.85	med to coarse SAND	intact
MW-16	70.69	71	2	15	52 - 67	18.69 - 3.69	coarse to med SAND	intact
MW-20	(3)	70	2	15	51 - 66	(3) (3)	med SAND	destroyed [3]
MW-38	72.93	70	2	15	53 - 68	19.93 - 4.93	coarse SAND	intact
MW-57	83.95	83	2	15	65 - 80	18.95 3.95	med SAND	intact
MW-58	89.47	89	2	15	70 - 85	19.47 - 4.47	med to coarse SAND	intact

Notes:

1) Top of casing elevations surveyed by Langan in September 2004 relative to Queens Borough Datum.
2) ft bgs = feet below ground surface
3) Monitoring Well MW-20 was destroyed during demolition activities prior to being surveyed.
4) Wells formerly located within the IRM Area; Abandoned following a second round of sampling.

TABLE 5 - SUMMARY OF QUALITY CONTROL SAMPLES
Remedial Site Investigation
Atlas Park
Glendale, Queens

Sample ID	Sample Date	Sample Matrix	Analyses	Methods	Notes
MS/MSD					
B-37-10-12	2/2/2004	Soil	TCL VOC TCL SVOC TAL Metals PCBs	EPA 8260B EPA 8270C EPA 6010B, 7471A EPA 8082	--
B-8-11-13	2/3/2004	Soil	TCL VOC TCL SVOC TAL Metals PCBs	EPA 8260B EPA 8270C EPA 6010B, 7471A EPA 8082	--
B-2-18-20	2/7/2004	Soil	TCL VOC TCL SVOC TAL Metals PCBs	EPA 8260B EPA 8270C EPA 6010B, 7471A EPA 8082	--
B-36-7-9	2/18/2004	Soil	TCL VOC TCL SVOC TAL Metals PCBs Pesticides Herbicides	EPA 8260B EPA 8270C EPA 6010B, 7471A EPA 8082 EPA 8081A	--
B-21-7-9	2/21/2004	Soil	TCL VOC TCL SVOC TAL Metals PCBs Pesticides Herbicides	EPA 8260B EPA 8270C EPA 6010B, 7471A EPA 8082 EPA 8081A EPA 8151A	--
B-32-5-7	2/21/2004	Soil	TCL VOC TCL SVOC TAL Metals PCBs Pesticides Herbicides	EPA 8260B EPA 8270C EPA 6010B, 7471A EPA 8082 EPA 8081A EPA 8151A	--
B-13(OW)	2/19/2004	GW	TCL VOC TCL SVOC TAL Metals PCBs Pesticides Herbicides	EPA 8260B EPA 8270C EPA 6010B, 7471A EPA 8082 EPA 8081A EPA 8151A	--
DUPLICATES					
DUP-1	2/12/2004	Soil	TCL VOC TCL SVOC TAL Metals PCBs Pesticides Herbicides	EPA 8260B EPA 8270C EPA 6010B, 7471A EPA 8082 EPA 8081A EPA 8151A	Duplicate of B-3-5-10

TABLE 5 - SUMMARY OF QUALITY CONTROL SAMPLES
Remedial Site Investigation
Atlas Park
Glendale, Queens

Sample ID	Sample Date	Sample Matrix	Analyses	Methods	Notes
DUP-2	2/12/2004	Soil	TCL VOC TCL SVOC TAL Metals PCBs Pesticides Herbicides	EPA 8260B EPA 8270C EPA 6010B, 7471A EPA 8082 EPA 8081A EPA 8151A	Duplicate of B-4-10-15
DUP-3	2/28/2004	Soil	TCL VOC TCL SVOC TAL Metals PCBs Pesticides Herbicides	EPA 8260B EPA 8270C EPA 6010B, 7471A EPA 8082 EPA 8081A EPA 8151A	Duplicate of B-18-9-11
DUP-4	2/9/2004	Soil	TCL VOC TCL SVOC TAL Metals PCBs Pesticides Herbicides	EPA 8260B EPA 8270C EPA 6010B, 7471A EPA 8082 EPA 8081A EPA 8151A	Duplicate of B-24-5-7
DUP-5	2/10/2004	Soil	TCL VOC TCL SVOC TAL Metals PCBs Pesticides Herbicides	EPA 8260B EPA 8270C EPA 6010B, 7471A EPA 8082 EPA 8081A EPA 8151A	Duplicate of B-28-15-17
DUP-GW-1	2/18/2004	GW	TCL VOC TCL SVOC TAL Metals PCBs Pesticides Herbicides	EPA 8260B EPA 8270C EPA 6010B, 7471A EPA 8082 EPA 8081A EPA 8151A	Duplicate of B-12(OW)
FIELD BLANKS					
FB-1	2/13/2004	Aqueous	TCL VOC TCL SVOC TAL Metals PCBs	EPA 8260B EPA 8270C EPA 6010B, 7471A EPA 8082	Rinsate water passed through the split spoon sampler.
FB-2	2/14/2004	Aqueous	TCL VOC TCL SVOC TAL Metals PCBs	EPA 8260B EPA 8270C EPA 6010B, 7471A EPA 8082	Rinsate water passed through the split spoon sampler.
FB-3	2/18/2004	Aqueous	TCL VOC TCL SVOC TAL Metals PCBs	EPA 8260B EPA 8270C EPA 6010B, 7471A EPA 8082	Rinsate water passed through the split spoon sampler.
FB-4	2/20/2004	Aqueous	TCL VOC TCL SVOC TAL Metals PCBs	EPA 8260B EPA 8270C EPA 6010B, 7471A EPA 8082	Rinsate water passed through the split spoon sampler.

TABLE 5 - SUMMARY OF QUALITY CONTROL SAMPLES
Remedial Site Investigation
Atlas Park
Glendale, Queens

Sample ID	Sample Date	Sample Matrix	Analyses	Methods	Notes
FB-5	2/27/2004	Aqueous	TCL VOC TCL SVOC TAL Metals PCBs	EPA 8260B EPA 8270C EPA 6010B, 7471A EPA 8082	Rinsate water passed through the split spoon sampler.
FB-6	3/4/2004	Aqueous	TCL VOC TCL SVOC TAL Metals PCBs	EPA 8260B EPA 8270C EPA 6010B, 7471A EPA 8082	Rinsate water passed through the split spoon sampler.
FB-GW-1	2/26/2004	Aqueous	TCL VOC TCL SVOC TAL Metals PCBs Pesticides Herbicides	EPA 8260B EPA 8270C EPA 6010B, 7471A EPA 8082 EPA 8081A EPA 8151A	Rinsate water passed through the pump.

TABLE 6- SUMMARY OF VOCs in SOIL
Remedial Investigation
Atlas Park
Glendale, NY

Soil Boring ID Depth (ft) Collection Date Matrix units Lab Report ID Analyte	NYSDEC TAGM Recommended Soil Cleanup Objective µg/kg	B6(2-4) 2-4 8/9/04 soil µg/kg 207346-003	B6(59-61) 59-61 8/10/04 soil µg/kg 207346-004	B7(2-4) 2-4 7/14/04 soil µg/kg 207130-005	B7(7-9) 7-9 7/14/04 soil µg/kg 207130-006	B9(1-3) 1-3 7/16/04 soil µg/kg 207130-019	B9(3-5) 3-5 7/14/04 soil µg/kg 207130-003	B9(8-10) 8-10 7/14/04 soil µg/kg 207130-004	B10(2-4) 2-4 7/14/04 soil µg/kg 207130-001	B10(8-10) 8-10 7/14/04 soil µg/kg 207130-002
Chloromethane	-	< 6	< 5	< 6	< 5	< 6	< 5	< 5	< 6	< 6
Vinyl Chloride	200	< 6	< 5	< 6	< 5	< 6	< 5	< 5	< 6	< 6
Bromomethane	-	< 6	< 5	< 6	< 5	< 6	< 5	< 5	< 6	< 6
Chloroethane	1,900	< 6	< 5	< 6	< 5	< 6	< 5	< 5	< 6	< 6
1,1-Dichloroethene	400	< 6	< 5	< 6	< 5	< 6	< 5	< 5	< 6	< 6
Carbon Disulfide	2,700	< 6	< 5	< 6	< 5	< 6	< 5	< 5	< 6	< 6
Acetone	200	< 11	3 JB	5 J	4 J	< 12	< 11	< 11	< 12	5 J
Methylene Chloride	100	< 6	< 5	5 J	< 5	63	4 J	< 5	4 J	3 J
trans-1,2-Dichloroethene	300	< 6	< 5	< 6	< 5	< 6	< 5	< 5	< 6	< 6
1,1-Dichloroethane	200	< 6	< 5	< 6	< 5	< 6	< 5	< 5	< 6	< 6
Vinyl acetate	-	< 6	< 5	< 6	< 5	< 6	< 5	< 5	< 6	< 6
cis-1,2-Dichloroethene	-	< 6	< 5	< 6	< 5	< 6	< 5	< 5	< 6	< 6
2-Butanone (MEK)	300	< 11	< 10	< 11	< 11	< 12	< 11	< 11	< 12	< 12
Chloroform	300	6 UB	5 UB	7	< 5	< 6	< 5	< 5	< 6	< 6
1,1,1-Trichloroethane	800	< 6	< 5	< 6	< 5	< 6	< 5	< 5	< 6	< 6
Carbon Tetrachloride	600	< 6	< 5	< 6	< 5	< 6	< 5	< 5	< 6	< 6
Benzene	60 or MDL	< 6	< 5	< 6	< 5	< 6	< 5	< 5	< 6	< 6
1,2-Dichloroethane	100	< 6	< 5	< 6	< 5	< 6	< 5	< 5	< 6	< 6
Trichloroethene	700	< 6	< 5	120	< 5	< 6	< 5	< 5	< 6	< 6
1,2-Dichloropropane	-	< 6	< 5	< 6	< 5	< 6	< 5	< 5	< 6	< 6
Bromodichloromethane	-	< 6	< 5	< 6	< 5	< 6	< 5	< 5	< 6	< 6
cis-1,3-Dichloropropene	-	< 6	< 5	< 6	< 5	< 6	< 5	< 5	< 6	< 6
4-Methyl-2-pentanone	1,000	< 11	< 10	< 11	< 11	< 12	< 11	< 11	< 12	< 12
Toluene	1,500	< 6	< 5	< 6	< 5	< 6	< 5	< 5	< 6	< 6
trans-1,3-Dichloropropene	-	< 6	< 5	< 6	< 5	< 6	< 5	< 5	< 6	< 6
1,1,2-Trichloroethane	-	< 6	< 5	< 6	< 5	< 6	< 5	< 5	< 6	< 6
Tetrachloroethene	1,400	< 6	< 5	24	< 5	< 6	< 5	< 5	< 6	< 6
2-Hexanone	-	< 11	< 10	< 11	< 11	< 12	< 11	< 11	< 12	< 12
Dibromochloromethane	n/a	< 6	< 5	< 6	< 5	< 6	< 5	< 5	< 6	< 6
Chlorobenzene	1,700	< 6	< 5	< 6	< 5	< 6	< 5	< 5	< 6	< 6
Ethylbenzene	5,500	< 6	< 5	< 6	< 5	< 6	< 5	< 5	< 6	< 6
Styrene	-	< 6	< 5	< 6	< 5	< 6	< 5	< 5	< 6	< 6
Bromoform	-	< 6	< 5	< 6	< 5	< 6	< 5	< 5	< 6	< 6
1,1,2,2-Tetrachloroethane	600	< 6	< 5	< 6	< 5	< 6	< 5	< 5	< 6	< 6
Xylenes(Total)	1,200	< 6	< 5	< 6	< 5	< 6	< 5	< 5	< 6	< 6
Total VOCs	–	6.0 UB	8.0 UJB	161 J	4 J	63	4 J	0	4 J	8 J

Notes:
U = Analyte was not detected at or above the reporting limit.
J = Result is less than the RL, but greater than or equal to the method detection limit.
B = Result is less than the CRDL/RL, but greater than or equal to the IDL/MDL.

TABLE 6- SUMMARY OF VOCs in SOIL
Remedial Investigation
Atlas Park
Glendale, NY

Soil Boring ID Depth (ft) Collection Date Matrix units Lab Report ID Analyte	NYSDEC TAGM Recommended Soil Cleanup Objective µg/kg	B10(19-23) 19-23 7/14/04 soil µg/kg 207272-001	B16(5-7) 5-7 7/21/04 soil µg/kg 207193-002	B16(55-57) 55-57 7/27/04 soil µg/kg 207211-001	B20(1-5) 1-5 7/28/04 soil µg/kg 207240-1	B20(7-9) 7-9 7/28/04 soil µg/kg 207240-2	B20(52-54) 52-54 7/29/04 soil µg/kg 207240-3	B38(5-7) 5-7 7/19/04 soil µg/kg 207193-004	B38(57-58) 57-58 7/19/04 soil µg/kg 207193-005	B45(2-4) 2-4 7/16/04 soil µg/kg 207130-015
Chloromethane	-	< 0.9	< 6	< 0.9	< 12	< 6	< 6	< 6	< 6	< 5
Vinyl Chloride	200	< 0.3	< 6	< 0.3	< 12	< 6	< 6	< 6	< 6	< 5
Bromomethane	-	< 2	< 6	< 2	< 12	< 6	< 6	< 6	< 6	< 5
Chloroethane	1,900	< 2	< 6	< 2	< 12	< 6	< 6	< 6	< 6	< 5
1,1-Dichloroethene	400	< 0.4	< 6	< 0.5	< 12	< 6	< 6	< 6	< 6	< 5
Carbon Disulfide	2,700	< 0.5	< 6	< 0.6	< 12	< 6	< 6	< 6	< 6	< 5
Acetone	200	34 B	< 11	6 JB	190 N	< 11	< 11	< 12	< 11	64
Methylene Chloride	100	< 3	< 6	< 3	10 JB	< 6	< 6	< 6	< 6	3 J
trans-1,2-Dichloroethene	300	< 0.6	< 6	< 0.7	< 12	< 6	< 6	< 6	< 6	< 5
1,1-Dichloroethane	200	< 0.4	< 6	< 0.5	< 12	< 6	< 6	< 6	< 6	< 5
Vinyl acetate	-	< 1	< 6	< 1	< 12	< 6	< 6	< 6	< 6	< 5
cis-1,2-Dichloroethene	-	< 0.3	< 6	< 0.3	< 12	< 6	< 6	< 6	< 6	< 5
2-Butanone (MEK)	300	< 0.6	< 11	< 0.7	< 24	< 11	< 11	< 12	< 11	8 J
Chloroform	300	< 0.6	< 6	< 0.7	< 12	< 6	< 6	< 6	< 6	< 5
1,1,1-Trichloroethane	800	< 0.5	< 6	< 0.6	< 12	< 6	< 6	< 6	< 6	< 5
Carbon Tetrachloride	600	< 0.3	< 6	< 0.3	< 12	< 6	< 6	< 6	< 6	< 5
Benzene	60 or MDL	2 J	< 6	< 0.6	< 12	< 6	< 6	< 6	< 6	< 5
1,2-Dichloroethane	100	< 0.5	< 6	< 0.6	< 12	< 6	< 6	< 6	< 6	< 5
Trichloroethene	700	< 0.3	< 6	< 0.3	17	< 6	< 6	< 6	< 6	< 5
1,2-Dichloropropane	-	< 0.3	< 6	< 0.3	< 12	< 6	< 6	< 6	< 6	< 5
Bromodichloromethane	-	< 0.4	< 6	< 0.5	< 12	< 6	< 6	< 6	< 6	< 5
cis-1,3-Dichloropropene	-	< 0.4	< 6	< 0.5	< 12	< 6	< 6	< 6	< 6	< 5
4-Methyl-2-pentanone	1,000	< 0.4	< 11	< 0.5	< 24	< 11	< 11	< 12	< 11	< 11
Toluene	1,500	< 0.4	< 6	< 0.5	< 12	< 6	< 6	< 6	< 6	< 5
trans-1,3-Dichloropropene	-	< 0.6	< 6	< 0.7	< 12	< 6	< 6	< 6	< 6	< 5
1,1,2-Trichloroethane	-	< 0.4	< 6	< 0.5	< 12	< 6	< 6	< 6	< 6	< 5
Tetrachloroethene	1,400	< 0.6	< 6	< 0.7	< 12	< 6	< 6	< 6	< 6	1 J
2-Hexanone	-	< 0.5	< 11	< 0.6	< 24	< 11	< 11	< 12	< 11	< 11
Dibromochloromethane	n/a	< 0.3	< 6	< 0.3	< 12	< 6	< 6	< 6	< 6	< 5
Chlorobenzene	1,700	< 0.4	< 6	< 0.5	< 12	< 6	< 6	< 6	< 6	< 5
Ethylbenzene	5,500	130	< 6	< 0.5	< 12	< 6	< 6	< 6	< 6	< 5
Styrene	-	< 0.5	< 6	< 0.6	< 12	< 6	< 6	< 6	< 6	< 5
Bromoform	-	< 0.6	< 6	< 0.7	< 12	< 6	< 6	< 6	< 6	< 5
1,1,2,2-Tetrachloroethane	600	< 0.4	< 6	< 0.5	< 12	< 6	< 6	< 6	< 6	< 5
Xylenes(Total)	1,200	250	< 6	2 J	< 12	< 6	< 6	< 6	< 6	< 5
Total VOCs	–	416.0 JB	0	8 JB	217	0	0	0	0	76 J

Notes:

U = Analyte was not detected at or above the reporting limit.

J = Result is less than the RL, but greater than or equal to the method detection limit.

B = Result is less than the CRDL/RL, but greater than or equal to the IDL/MDL.

TABLE 6- SUMMARY OF VOCs in SOIL
Remedial Investigation
Atlas Park
Glendale, NY

Soil Boring ID Depth (ft) Collection Date Matrix units Lab Report ID Analyte	NYSDEC TAGM Recommended Soil Cleanup Objective µg/kg	B45(5-7) 5-7 7/16/04 soil µg/kg 207130-016	B46(4-6) 4-6 7/16/04 soil µg/kg 207130-017	B46(6-8) 6-8 7/16/04 soil µg/kg 207130-018	B47(2-4) 2-4 7/16/04 soil µg/kg 207141-004	B47(6-8) 6-8 7/16/04 soil µg/kg 207141-005	B48(2-4) 2-4 7/15/04 soil µg/kg 207141-002	DUP1 B48(2-4) 7/15/04 soil µg/kg 207141-00	B48(8-10) 8-10 7/15/04 soil µg/kg 207141-003	B49(2-4) 2-4 7/15/04 soil µg/kg 207130-020
Chloromethane	-	< 6	< 6	< 6	< 5	< 5	< 5	< 6	< 7	< 6
Vinyl Chloride	200	< 6	< 6	< 6	< 5	< 5	< 5	< 6	< 7	< 6
Bromomethane	-	< 6	< 6	< 6	< 5	< 5	< 5	< 6	< 7	< 6
Chloroethane	1,900	< 6	< 6	< 6	< 5	< 5	< 5	< 6	< 7	< 6
1,1-Dichloroethene	400	< 6	< 6	< 6	< 5	< 5	< 5	< 6	< 7	< 6
Carbon Disulfide	2,700	< 6	< 6	< 6	< 5	< 5	4 J	4 J	7	< 6
Acetone	200	29	30	23	< 11	< 11	25	16	< 14	< 11
Methylene Chloride	100	< 6	7	< 6	7	3 J	11	< 6	8	4 J
trans-1,2-Dichloroethene	300	< 6	< 6	< 6	< 5	< 5	< 5	< 6	< 7	< 6
1,1-Dichloroethane	200	< 6	< 6	< 6	< 5	< 5	< 5	< 6	< 7	< 6
Vinyl acetate	-	< 6	< 6	< 6	< 5	< 5	< 5	< 6	< 7	< 6
cis-1,2-Dichloroethene	-	< 6	< 6	< 6	< 5	< 5	< 5	< 6	< 7	< 6
2-Butanone (MEK)	300	< 11	< 11	< 11	< 11	< 11	< 11	< 11	< 14	< 11
Chloroform	300	< 6	< 6	< 6	< 5	< 5	< 5	40	< 7	4 J
1,1,1-Trichloroethane	800	< 6	< 6	< 6	< 5	< 5	< 5	< 6	< 7	< 6
Carbon Tetrachloride	600	< 6	< 6	< 6	< 5	< 5	< 5	2 J	< 7	< 6
Benzene	60 or MDL	< 6	< 6	< 6	< 5	< 5	1 J	< 6	< 7	< 6
1,2-Dichloroethane	100	< 6	< 6	< 6	< 5	< 5	< 5	< 6	< 7	< 6
Trichloroethene	700	< 6	< 6	< 6	7	< 5	< 5	1 J	< 7	< 6
1,2-Dichloropropane	-	< 6	< 6	< 6	< 5	< 5	< 5	< 6	< 7	< 6
Bromodichloromethane	-	< 6	< 6	< 6	< 5	< 5	< 5	< 6	< 7	< 6
cis-1,3-Dichloropropene	-	< 6	< 6	< 6	< 5	< 5	< 5	< 6	< 7	< 6
4-Methyl-2-pentanone	1,000	< 11	< 11	< 11	< 11	< 11	< 11	< 11	< 14	< 11
Toluene	1,500	< 6	< 6	< 6	5 UB	5 UB	0.9 J	2 J	< 7	< 6
trans-1,3-Dichloropropene	-	< 6	< 6	< 6	< 5	< 5	< 5	< 6	< 7	< 6
1,1,2-Trichloroethane	-	< 6	< 6	< 6	< 5	< 5	< 5	< 6	< 7	< 6
Tetrachloroethene	1,400	< 6	< 2	< 6	28	3 J	6	5 J	4 J	< 6
2-Hexanone	-	< 11	< 11	< 11	< 11	< 11	< 11	< 11	< 14	< 11
Dibromochloromethane	n/a	< 6	< 6	< 6	< 5	< 5	< 5	< 6	< 7	< 6
Chlorobenzene	1,700	< 6	< 6	< 6	< 5	< 5	< 5	< 6	< 7	< 6
Ethylbenzene	5,500	< 6	< 6	< 6	< 5	< 5	0.9 J	< 6	< 7	< 6
Styrene	-	< 6	< 6	< 6	< 5	< 5	< 5	< 6	< 7	< 6
Bromoform	-	< 6	< 6	< 6	< 5	< 5	< 5	< 6	< 7	< 6
1,1,2,2-Tetrachloroethane	600	< 6	< 6	< 6	< 5	< 5	< 5	< 6	< 7	< 6
Xylenes(Total)	1,200	< 6	< 6	< 6	< 5	< 5	3 J	< 6	< 7	< 6
Total VOCs	–	29	39 J	23	47 B	11 B	51.8 J	70 J	19 J	8 J

Notes:

U = Analyte was not detected at or above the reporting limit.

J = Result is less than the RL, but greater than or equal to the method detection limit.

B = Result is less than the CRDL/RL, but greater than or equal to the IDL/MDL.

TABLE 6- SUMMARY OF VOCs in SOIL
Remedial Investigation
Atlas Park
Glendale, NY

Soil Boring ID Depth (ft) Collection Date Matrix units Lab Report ID Analyte	NYSDEC TAGM Recommended Soil Cleanup Objective µg/kg	B49(12-15) 12-15 7/15/04 soil µg/kg 207141-001	B50(3-5) 3-5 7/15/04 soil µg/kg 207130-007	B50(6-8) 6-8 7/15/04 soil µg/kg 207130-008	B51(2-4) 2-4 7/15/04 soil µg/kg 207130-009	B51(6-8) 6-8 7/15/04 soil µg/kg 207130-010	B52(1-3) 1-3 7/15/04 soil µg/kg 207130-011	B52(4-6) 4-6 7/15/04 soil µg/kg 207130-012	B53(1-4) 1-4 7/15/04 soil µg/kg 207130-013	B53(7-9) 7-9 7/15/04 soil µg/kg 207130-014
Chloromethane	-	< 6	< 5	< 6	< 5	< 6	< 6	< 6	< 5	< 5
Vinyl Chloride	200	< 6	< 5	< 6	< 5	< 6	< 6	< 6	< 5	< 5
Bromomethane	-	< 6	< 5	< 6	< 5	< 6	< 6	< 6	< 5	< 5
Chloroethane	1,900	< 6	< 5	< 6	< 5	< 6	< 6	< 6	< 5	< 5
1,1-Dichloroethene	400	< 6	< 5	< 6	< 5	< 6	< 6	< 6	< 5	< 5
Carbon Disulfide	2,700	< 6	< 5	< 6	< 5	< 6	< 6	< 6	< 5	< 5
Acetone	200	14	8 J	7 J	5 J	5 J	5 J	7 J	4 J	< 11
Methylene Chloride	100	19	3 J	3 J	3 J	3 J	< 6	< 6	< 5	< 5
trans-1,2-Dichloroethene	300	< 6	< 5	< 6	< 5	< 6	< 6	< 6	< 5	< 5
1,1-Dichloroethane	200	< 6	< 5	< 6	< 5	< 6	< 6	< 6	< 5	< 5
Vinyl acetate	-	< 6	< 5	< 6	< 5	< 6	< 6	< 6	< 5	< 5
cis-1,2-Dichloroethene	-	< 1	< 5	< 6	< 5	< 6	< 6	< 6	< 5	< 5
2-Butanone (MEK)	300	< 12	< 11	< 11	< 11	< 12	< 12	< 12	< 11	< 11
Chloroform	300	5 J	< 5	< 6	< 5	< 6	< 6	< 6	< 5	< 5
1,1,1-Trichloroethane	800	< 6	< 5	< 6	< 5	< 6	< 6	< 6	< 5	< 5
Carbon Tetrachloride	600	< 6	< 5	< 6	< 5	< 6	< 6	< 6	< 5	< 5
Benzene	60 or MDL	< 6	< 5	< 6	< 5	< 6	< 6	< 6	< 5	< 5
1,2-Dichloroethane	100	< 6	< 5	< 6	< 5	< 6	< 6	< 6	< 5	< 5
Trichloroethene	700	0.6 J	< 5	< 6	< 5	< 6	< 6	< 6	< 5	< 5
1,2-Dichloropropane	-	< 6	< 5	< 6	< 5	< 6	< 6	< 6	< 5	< 5
Bromodichloromethane	-	< 6	< 5	< 6	< 5	< 6	< 6	< 6	< 5	< 5
cis-1,3-Dichloropropene	-	< 6	< 5	< 6	< 5	< 6	< 6	< 6	< 5	< 5
4-Methyl-2-pentanone	1,000	< 12	< 11	< 11	< 11	< 12	< 12	< 12	< 11	< 11
Toluene	1,500	1 J	< 5	< 6	< 5	< 6	< 6	< 6	< 5	< 5
trans-1,3-Dichloropropene	-	< 6	< 5	< 6	< 5	< 6	< 6	< 6	< 5	< 5
1,1,2-Trichloroethane	-	< 6	< 5	< 6	< 5	< 6	< 6	< 6	< 5	< 5
Tetrachloroethene	1,400	8	< 5	< 6	5 J	2 J	< 6	< 6	< 5	< 5
2-Hexanone	-	< 12	< 11	< 11	< 11	< 12	< 12	< 12	< 11	< 11
Dibromochloromethane	n/a	< 6	< 5	< 6	< 5	< 6	< 6	< 6	< 5	< 5
Chlorobenzene	1,700	< 6	< 5	< 6	< 5	< 6	< 6	< 6	< 5	< 5
Ethylbenzene	5,500	1 J	< 5	< 6	0.8 JH	< 6	< 6	< 6	< 5	< 5
Styrene	-	< 6	< 5	< 6	< 5	< 6	< 6	< 6	< 5	< 5
Bromoform	-	< 6	< 5	< 6	< 5	< 6	< 6	< 6	< 5	< 5
1,1,2,2-Tetrachloroethane	600	< 6	< 5	< 6	< 5	< 6	< 6	< 6	< 5	< 5
Xylenes(Total)	1,200	3 J	< 5	< 6	3 J	< 6	< 6	< 6	< 5	< 5
Total VOCs	–	51.6 J	11 J	10 J	16.8 JH	10 J	5 J	7 J	4 J	< 11

Notes:
U = Analyte was not detected at or above the reporting limit.
J = Result is less than the RL, but greater than or equal to the method detection limit.
B = Result is less than the CRDL/RL, but greater than or equal to the IDL/MDL.

TABLE 6- SUMMARY OF VOCs in SOIL
Remedial Investigation
Atlas Park
Glendale, NY

Soil Boring ID Depth (ft) Collection Date Matrix units Lab Report ID Analyte	NYSDEC TAGM Recommended Soil Cleanup Objective µg/kg	B55(0.5-4.5) 0.5-4.5 8/12/04 soil µg/kg 207346-007	B55(8-12) 8-12 8/12/04 soil µg/kg 207346-008	B57(0-5) 0-5 7/22/04 Soil µg/kg 207193-6	B57(68-70) 68-70 8/6/04 soil µg/kg 207346-001	DUP080604 B57(68-70) 8/6/04 Soil µg/kg 207346	B58(0-5) 0-5 7/22/04 soil µg/kg 207193-007	B58(18-21) 18-21 7/22/04 soil µg/kg 207193-008	B58(73-75) 73-75 8/2/04 soil µg/kg 207240-4	B59(3-5) 3-5 7/16/04 soil µg/kg 207141-006
Chloromethane	-	< 6	< 6	< 6	< 5	< 5	< 6	< 6	< 5	< 5
Vinyl Chloride	200	< 6	< 6	< 6	< 5	< 5	< 6	< 6	< 5	< 5
Bromomethane	-	< 6	< 6	< 6	< 5	< 5	< 6	< 6	< 5	< 5
Chloroethane	1,900	< 6	< 6	< 6	< 5	< 5	< 6	< 6	< 5	< 5
1,1-Dichloroethene	400	< 6	< 6	< 6	< 5	< 5	< 6	< 6	< 5	< 5
Carbon Disulfide	2,700	< 6	< 6	< 6	< 5	< 5	< 6	< 6	< 5	< 5
Acetone	200	6 JB	3 JB	< 13	2 J	< 10	18	< 12	7 JB	10 J
Methylene Chloride	100	< 6	< 6	< 6	< 5	< 5	< 6	< 6	< 5	< 5
trans-1,2-Dichloroethene	300	< 6	< 6	< 6	< 5	< 5	< 6	< 6	< 5	< 5
1,1-Dichloroethane	200	< 6	< 6	< 6	< 5	< 5	< 6	< 6	< 5	< 5
Vinyl acetate	-	< 6	< 6	< 6	< 5	< 5	< 6	< 6	< 5	< 5
cis-1,2-Dichloroethene	-	< 6	< 6	< 6	< 5	< 5	< 6	< 6	< 5	< 5
2-Butanone (MEK)	300	< 12	< 12	< 13	< 10	< 10	< 13	< 12	< 10	< 11
Chloroform	300	6 UB	6 UB	< 6	5 UB	< 5 B	< 6	< 6	< 5	< 5
1,1,1-Trichloroethane	800	12	< 6	< 6	< 5	< 5	< 6	< 6	< 5	< 5
Carbon Tetrachloride	600	< 6	< 6	< 6	< 5	< 5	< 6	< 6	< 5	< 5
Benzene	60 or MDL	< 6	< 6	< 6	< 5	< 5	< 6	< 6	< 5	< 5
1,2-Dichloroethane	100	< 6	< 6	< 6	< 5	< 5	< 6	< 6	< 5	< 5
Trichloroethene	700	< 6	< 6	< 6	< 5	< 5	< 6	< 6	< 5	< 5
1,2-Dichloropropane	-	< 6	< 6	< 6	< 5	< 5	< 6	< 6	< 5	< 5
Bromodichloromethane	-	< 6	< 6	< 6	< 5	< 5	< 6	< 6	< 5	< 5
cis-1,3-Dichloropropene	-	< 6	< 6	< 6	< 5	< 5	< 6	< 6	< 5	< 5
4-Methyl-2-pentanone	1,000	< 12	< 12	< 13	< 10	< 10	< 13	< 12	< 10	< 11
Toluene	1,500	2 JH	< 6	< 6	< 5	< 5	< 6	< 6	< 5	2 JB
trans-1,3-Dichloropropene	-	< 6	< 6	< 6	< 5	< 5	< 6	< 6	< 5	< 5
1,1,2-Trichloroethane	-	< 6	< 6	< 6	< 5	< 5	< 6	< 6	< 5	< 5
Tetrachloroethene	1,400	25	1 J	< 6	< 5	< 5	< 6	1 J	< 5	22
2-Hexanone	-	< 12	< 12	< 13	< 10	< 10	< 13	< 12	< 10	< 11
Dibromochloromethane	n/a	< 6	< 6	< 6	< 5	< 5	< 6	< 6	< 5	< 5
Chlorobenzene	1,700	< 6	< 6	< 6	< 5	< 5	< 6	< 6	< 5	< 5
Ethylbenzene	5,500	< 6	< 6	< 6	0.9 J	< 5	< 6	< 6	< 5	< 5
Styrene	-	< 6	< 6	< 6	< 5	< 5	< 6	< 6	< 5	< 5
Bromoform	-	< 6	< 6	< 6	< 5	< 5	< 6	< 6	< 5	< 5
1,1,2,2-Tetrachloroethane	600	< 6	< 6	< 6	< 5	< 5	< 6	< 6	< 5	< 5
Xylenes(Total)	1,200	< 6	< 6	< 6	1 J	< 5	< 6	< 6	< 5	< 5
Total VOCs	–	14.0 JHUB	10.0 JUB	0	8.9 UJB	0 B	18	1 J	7 JB	34 JB

Notes:

U = Analyte was not detected at or above the reporting limit.

J = Result is less than the RL, but greater than or equal to the method detection limit.

B = Result is less than the CRDL/RL, but greater than or equal to the IDL/MDL.

TABLE 6- SUMMARY OF VOCs in SOIL
Remedial Investigation
Atlas Park
Glendale, NY

Soil Boring ID Depth (ft) Collection Date Matrix units Lab Report ID Analyte	NYSDEC TAGM Recommended Soil Cleanup Objective µg/kg	B59(6-8) 6-8 7/16/04 soil µg/kg 207141-007	
Chloromethane	-	< 6	
Vinyl Chloride	200	< 6	
Bromomethane	-	< 6	
Chloroethane	1,900	< 6	
1,1-Dichloroethene	400	< 6	
Carbon Disulfide	2,700	< 6	
Acetone	200	11	
Methylene Chloride	100	4	J
trans-1,2-Dichloroethene	300	< 6	
1,1-Dichloroethane	200	< 6	
Vinyl acetate	-	< 6	
cis-1,2-Dichloroethene	-	< 6	
2-Butanone (MEK)	300	< 11	
Chloroform	300	< 6	
1,1,1-Trichloroethane	800	< 6	
Carbon Tetrachloride	600	< 6	
Benzene	60 or MDL	< 6	
1,2-Dichloroethane	100	< 6	
Trichloroethene	700	< 6	
1,2-Dichloropropane	-	< 6	
Bromodichloromethane	-	< 6	
cis-1,3-Dichloropropene	-	< 6	
4-Methyl-2-pentanone	1,000	< 11	
Toluene	1,500	6	UB
trans-1,3-Dichloropropene	-	< 6	
1,1,2-Trichloroethane	-	< 6	
Tetrachloroethene	1,400	6	
2-Hexanone	-	< 11	
Dibromochloromethane	n/a	< 6	
Chlorobenzene	1,700	< 6	
Ethylbenzene	5,500	< 6	
Styrene	-	< 6	
Bromoform	-	< 6	
1,1,2,2-Tetrachloroethane	600	< 6	
Xylenes(Total)	1,200	< 6	
Total VOCs	–	27	JB

Notes:
U = Analyte was not detected at or above the reporting limit.
J = Result is less than the RL, but greater than or equal to the method detection limit.
B = Result is less than the CRDL/RL, but greater than or equal to the IDL/MDL.

TABLE 7 - SUMMARY OF SVOCs IN SOIL
Remedial Investigation
Atlas Park
Glendale, NY

Boring ID	NYSDEC TAGM	B6(2-4)	B6(59-61)	B7(2-4)	B7(7-9)	B9(1-3)	B9(3-5)	B9(8-10)
Depth (ft)	Recommended	2-4	59-61	2-4	7-9	1-3	3-5	8-10
Collection Date	Soil Cleanup	8/9/04	8/10/04	7/14/04	7/14/04	7/16/04	7/14/04	7/14/04
Matrix	Objective	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Units	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Lab Report ID		207346	207346	207130-5	207130-6	207130-19	207130-3	207130-4
1,2,4-Trichlorobenzene	3,400	< 370	< 330	< 350	< 360	< 380	< 350	< 360
1,2-Dichlorobenzene	7,900	< 370	< 330	< 350	< 360	< 380	< 350	< 360
1,3-Dichlorobenzene	1,600	< 370	< 330	< 350	< 360	< 380	< 350	< 360
1,4-Dichlorobenzene	8,500	< 370	< 330	< 350	< 360	< 380	< 350	< 360
2,2-oxybis(1-chloropropane)	-	< 370	< 330	< 350	< 360	< 380	< 350	< 360
2,4,5-Trichlorophenol	100	< 1800	< 1600	< 1700	< 1700	< 1800	< 1700	< 1700
2,4,6-Trichlorophenol	-	< 370	< 330	< 350	< 360	< 380	< 350	< 360
2,4-Dichlorophenol	400	< 370	< 330	< 350	< 360	< 380	< 350	< 360
2,4-Dimethylphenol	-	< 370	< 330	< 350	< 360	< 380	< 350	< 360
2,4-Dinitrophenol	200 or MDL	< 1800	< 1600	< 1700	< 1700	< 1800	< 1700	< 1700
2,4-Dinitrotoluene	-	< 370	< 330	< 350	< 360	< 380	< 350	< 360
2,6-Dinitrotoluene	1,000	< 370	< 330	< 350	< 360	< 380	< 350	< 360
2-Chloronaphthalene	-	< 370	< 330	< 350	< 360	< 380	< 350	< 360
2-Chlorophenol	800	< 370	< 330	< 350	< 360	< 380	< 350	< 360
2-Methylnaphthalene	36,400	< 370	< 330	< 350	< 360	< 380	< 350	< 360
2-Methylphenol	100 or MDL	< 370	< 330	< 350	< 360	< 380	< 350	< 360
2-Nitroaniline	430 or MDL	< 1800	< 1600	< 1700	< 1700	< 1800	< 1700	< 1700
2-Nitrophenol	330 or MDL	< 370	< 330	< 350	< 360	< 380	< 350	< 360
3,3'-Dichlorobenzidine	--	< 730	< 660	< 700	< 710	< 750	< 710	< 720
3-Nitroaniline	500 or MDL	< 1800	< 1600	< 1700	< 1700	< 1800	< 1700	< 1700
4,6-Dinitro-2-methylphenol	-	< 1800	< 1600	< 1700	< 1700	< 1800	< 1700	< 1700
4-Bromophenyl phenyl ether	-	< 370	< 330	< 350	< 360	< 380	< 350	< 360
4-Chloro-3-methylphenol	240 or MDL	< 370	< 330	< 350	< 360	< 380	< 350	< 360
4-Chloroaniline	-	< 370	< 330	< 350	< 360	< 380	< 350	< 360
4-Chlorophenyl phenyl ether	-	< 370	< 330	< 350	< 360	< 380	< 350	< 360
4-Methylphenol	900	< 370	< 330	< 350	< 360	< 380	< 350	< 360
4-Nitroaniline	-	< 730	< 660	< 700	< 710	< 750	< 710	< 720
4-Nitrophenol	100 or MDL	< 1800	< 1600	< 1700	< 1700	< 1800	< 1700	< 1700
Acenaphthene	50,000	< 370	< 330	< 350	< 360	< 380	< 350	< 360
Acenaphthylene	50,000	< 370	< 330	< 350	< 360	< 380	< 350	< 360
Anthracene	50,000	< 370	< 330	< 350	< 360	< 380	< 350	< 360
Benzo(a)anthracene	224 or MDL	130 J	< 330	50 J	< 360	200 J	< 350	< 360
Benzo(a)pyrene	61 or MDL	130 J	< 330	47 J	< 360	180 J	< 350	< 360
Benzo(b)fluoranthene	220 or MDL	190 J	< 330	< 350	< 360	170 J,M	< 350	< 360
Benzo(g,h,i)perylene	50,000	77 J	< 330	< 350	< 360	120 J,M	< 350	< 360
Benzo(k)fluoranthene	220 or MDL	< 370	< 330	40 J	< 360	200 J,M	< 350	< 360
Benzoic Acid	2,700	< 1800	< 1600	< 1700	< 1700	< 1800	< 1700	< 1700
Benzyl alcohol	-	< 370	< 330	< 350	< 360	< 380	< 350	< 360
bis(2-Chloroethoxy)methane	-	< 370	< 330	< 350	< 360	< 380	< 350	< 360
Bis(2-chloroethyl)ether	-	< 370	< 330	< 350	< 360	< 380	< 350	< 360
bis(2-Ethylhexyl)phthalate	50,000	190 J	< 330	< 350	< 360	< 380	< 350	< 360
Butyl benzyl phthalate	50,000	< 370	< 330	< 350	< 360	< 380	< 350	< 360
Carbazole	-	< 370	< 330	< 350	< 360	< 380	< 350	< 360
Chrysene	400	150 J	< 330	52 J	< 360	220 J	< 350	< 360
Dibenzo(a,h)anthracene	14 or MDL	< 370	< 330	< 350	< 360	< 380	< 350	< 360
Dibenzofuran	6,200	< 370	< 330	< 350	< 360	< 380	< 350	< 360
Diethylphthalate	7,100	< 370	< 330	< 350	< 360	< 380	< 350	< 360
Dimethylphthalate	2,000	< 370	< 330	< 350	< 360	< 380	< 350	< 360
Di-n-Butyl-phthalate	8,100	< 370	< 330	< 350	< 360	72 J	< 350	< 360
Di-n-Octylphthalate	50,000	< 370	< 330	< 350	< 360	< 380	< 350	< 360
Fluoranthene	50,000	260 J	< 330	83 J	< 360	280 J	< 350	< 360
Fluorene	50,000	< 370	< 330	< 350	< 360	< 380	< 350	< 360
Hexachlorobenzene	410	< 370	< 330	< 350	< 360	< 380	< 350	< 360
Hexachlorobutadiene	-	< 370	< 330	< 350	< 360	< 380	< 350	< 360
Hexachlorocyclopentadiene	-	< 370	< 330	< 350	< 360	< 380	< 350	< 360
Hexachloroethane	-	< 370	< 330	< 350	< 360	< 380	< 350	< 360
Indeno(1,2,3-cd)pyrene	3,200	67 J	< 330	< 350	< 360	100 J	< 350	< 360
Isophorone	4,400	< 370	< 330	< 350	< 360	< 380	< 350	< 360
Naphthalene	13,000	< 370	< 330	< 350	< 360	< 380	< 350	< 360
Nitrobenzene	200 or MDL	< 370	< 330	< 350	< 360	< 380	< 350	< 360
N-Nitrosodiphenylamine	-	< 370	< 330	< 350	< 360	< 380	< 350	< 360
N-Nitroso-di-n-propylamine	-	< 370	< 330	< 350	< 360	< 380	< 350	< 360
Pentachlorophenol	1000 or MDL	< 1800	< 1600	< 1700	< 1700	< 1800	< 1700	< 1700
Phenanthrene	50,000	15 J	< 330	< 350	< 360	140 J	< 350	49 J
Phenol	30 or MDL	< 370	< 330	< 350	< 360	< 380	< 350	< 360
Pyrene	50,000	280 J	< 330	81 J	< 360	320 J	< 350	< 360
Total SVOCs	--	1489 J	0	353 J	0	2002 J,M	0	49 J

Notes:
B = Analyte found in the blank and the sample.
J = Result is an estimated value below the reporting limit or a tentatively identified compound (TIC).
M = Manually integrated compound.
H = Alternate peak selection upon analytical review.
A = Concentration exceeds the instrument calibration range or below the reporting limit.
R = Data is rejected as a result of data validation
µg/kg = micrograms per kilogram

TABLE 7 - SUMMARY OF SVOCs IN SOIL
Remedial Investigation
Atlas Park
Glendale, NY

Boring ID	NYSDEC TAGM	B10(2-4)	B10(8-10)	B10(19-23)	B16(5-7)	B16(55-57)	B20(1-5)	B20(7-9)	B20(52-54)
Depth (ft)	Recommended	2-4	8-10	19-23	5-7	55-57	1-5	7-9	52-54
Collection Date	Soil Cleanup	7/14/04	7/14/04	7/14/04	7/21/04	7/27/04	7/28/04	7/28/04	7/29/04
Matrix	Objective	Soil	Soil	soil	Soil	Soil	soil	soil	soil
Units	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Lab Report ID		207130-1	207130-2	207272-001	207193-2	C4G300343-001	207240-1	207240-2	207240-3
1,2,4-Trichlorobenzene	3,400	< 390	< 390	< 1400	< 370	< 380	< 1500	< 1500	< 330
1,2-Dichlorobenzene	7,900	< 390	< 390	< 1400	< 370	< 380	< 1500	< 1500	< 330
1,3-Dichlorobenzene	1,600	< 390	< 390	< 1400	< 370	< 380	< 1500	< 1500	< 330
1,4-Dichlorobenzene	8,500	< 390	< 390	< 1400	< 370	< 380	< 1500	< 1500	< 330
2,2-oxybis(1-chloropropane)	-	< 390	< 390	< 1400	< 370	< 380	< 1500	< 1500	< 330
2,4,5-Trichlorophenol	100	< 1900	< 1900	< 6800	< 1800	< 380	< 7400	< 7400	< 1600
2,4,6-Trichlorophenol	-	< 390	< 390	< 1400	< 370	< 380	< 1500	< 1500	< 330
2,4-Dichlorophenol	400	< 390	< 390	< 1400	< 370	< 380	< 1500	< 1500	< 330
2,4-Dimethylphenol	-	< 390	< 390	< 1400	< 370	< 380	< 1500	< 1500	< 330
2,4-Dinitrophenol	200 or MDL	< 1900	< 1900	< 6800	< 1800	< 1900	< 7400	< 7400	< 1600
2,4-Dinitrotoluene	-	< 390	< 390	< 1400	< 370	< 380	< 1500	< 1500	< 330
2,6-Dinitrotoluene	1,000	< 390	< 390	< 1400	< 370	< 380	< 1500	< 1500	< 330
2-Chloronaphthalene	-	< 390	< 390	< 1400	< 370	< 380	< 1500	< 1500	< 330
2-Chlorophenol	800	< 390	< 390	< 1400	< 370	< 380	< 1500	< 1500	< 330
2-Methylnaphthalene	36,400	< 390	< 390	11000	< 370	< 380	< 1500	< 1500	< 330
2-Methylphenol	100 or MDL	< 390	< 390	< 1400	< 370	< 380	< 1500	< 1500	< 330
2-Nitroaniline	430 or MDL	< 1900	< 1900	< 6800	< 1800	< 1900	< 7400	< 7400	< 1600
2-Nitrophenol	330 or MDL	< 390	< 390	< 1400	< 370	< 380	< 1500	< 1500	< 330
3,3'-Dichlorobenzidine	--	< 790	< 780	< 2800	< 730	< 1900	< 3100	< 3100	< 660
3-Nitroaniline	500 or MDL	< 1900	< 1900	< 6800	< 1800	< 1900	< 7400	< 7400	< 1600
4,6-Dinitro-2-methylphenol	-	< 1900	< 1900	< 6800	< 1800	< 1900	< 7400	< 7400	< 1600
4-Bromophenyl phenyl ether	-	< 390	< 390	< 1400	< 370	< 380	< 1500	< 1500	< 330
4-Chloro-3-methylphenol	240 or MDL	< 390	< 390	< 1400	< 370	< 380	< 1500	< 1500	< 330
4-Chloroaniline	-	< 390	< 390	< 1400	< 370	< 380	< 1500	< 1500	< 330
4-Chlorophenyl phenyl ether	-	< 390	< 390	< 1400	< 370	< 380	< 1500	< 1500	< 330
4-Methylphenol	900	< 390	< 390	< 1400	< 370	< 380	< 1500	< 1500	< 330
4-Nitroaniline	-	< 790	< 780	< 2800	< 730	< 1900	< 3100	< 3100	< 660
4-Nitrophenol	100 or MDL	< 1900	< 1900	< 6800	< 1800	< 1900	< 7400	< 7400	< 1600
Acenaphthene	50,000	< 390	< 390	< 1400	< 370	< 380	< 1500	< 1500	< 330
Acenaphthylene	50,000	< 390	< 390	< 1400	< 370	18 J	< 1500	< 1500	< 330
Anthracene	50,000	< 390	< 390	< 1400	< 370	< ND 380	< 1500	< 1500	< 330
Benzo(a)anthracene	224 or MDL	< 390	61 J	< 1400 M	< 370	26 J	< 1500	< 1500	< 330
Benzo(a)pyrene	61 or MDL	< 390	53 J	< 1400	< 370	18 J	< 1500	< 1500	< 330
Benzo(b)fluoranthene	220 or MDL	< 390	< 390	< 1400	< 370	18 J	< 1500	< 1500	< 330
Benzo(g,h,i)perylene	50,000	< 390	< 390	< 1400	< 370	12 J	< 1500	< 1500	< 330
Benzo(k)fluoranthene	220 or MDL	< 390	49 J	< 1400	< 370	7.7 J	< 1500	< 1500	< 330
Benzoic Acid	2,700	< 1900	< 1900	< 6800	< 1800	NA	< 7400	< 7400	< 1600
Benzyl alcohol	-	< 390	< 390	< 1400	< 370	< 380	< 1500	< 1500	< 330
bis(2-Chloroethoxy)methane	-	< 390	< 390	< 1400	< 370	< 380	< 1500	< 1500	< 330
Bis(2-chloroethyl)ether	-	< 390	< 390	< 1400	< 370	< 380	< 1500	< 1500	< 330
bis(2-Ethylhexyl)phthalate	50,000	< 390	< 390	< 1400	< 370	80 J	< 1500	< 1500	89 J
Butyl benzyl phthalate	50,000	< 390	< 390	< 1400	< 370	< 380	< 1500	< 1500	< 330
Carbazole	-	< 390	< 390	< 1400	< 370	< 380	< 1500	< 1500	< 330
Chrysene	400	< 390	69 J	600 J	< 370	23 J	< 1500	< 1500	< 330
Dibenzo(a,h)anthracene	14 or MDL	< 390	< 390	< 1400	< 370	< 380	< 1500	< 1500	< 330
Dibenzofuran	6,200	< 390	< 390	< 1400	< 370	< 380	< 1500	< 1500	< 330
Diethylphthalate	7,100	< 390	< 390	< 1400	< 370	< 380	< 1500	< 1500	< 330
Dimethylphthalate	2,000	< 390	< 390	< 1400	< 370	< 380	< 1500	< 1500	< 330
Di-n-Butyl-phthalate	8,100	< 390	< 390	< 1400	< 370	< 380	< 1500	< 1500	< 330
Di-n-Octylphthalate	50,000	< 390	< 390	< 1400	< 370	< 380	< 1500	< 1500	< 330
Fluoranthene	50,000	< 390	85 J	< 1400 H	< 370	40 J	< 1500	< 1500	< 330
Fluorene	50,000	< 390	< 390	950 J	< 370	< 380	< 1500	< 1500	< 330
Hexachlorobenzene	410	< 390	< 390	< 1400	< 370	< 380	< 1500	< 1500	< 330
Hexachlorobutadiene	-	< 390	< 390	< 1400	< 370	< 380	< 1500	< 1500	< 330
Hexachlorocyclopentadiene	-	< 390	< 390	< 1400	< 370	< 1900	< 1500	< 1500	< 330
Hexachloroethane	-	< 390	< 390	< 1400	< 370	< 380	< 1500	< 1500	< 330
Indeno(1,2,3-cd)pyrene	3,200	< 390	< 390	< 1400	< 370	12 J	< 1500	< 1500	< 330
Isophorone	4,400	< 390	< 390	< 1400	< 370	< 380	< 1500	< 1500	< 330
Naphthalene	13,000	< 390	< 390	2800	< 370	< 380	< 1500	< 1500	< 330
Nitrobenzene	200 or MDL	< 390	< 390	< 1400	< 370	< 380	< 1500	< 1500	< 330
N-Nitrosodiphenylamine	-	< 390	< 390	< 1400	< 370	< 380	< 1500	< 1500	< 330
N-Nitroso-di-n-propylamine	-	< 390	< 390	< 1400	< 370	< 380	< 1500	< 1500	< 330
Pentachlorophenol	1000 or MDL	< 1900	< 1900	< 6800	< 1800	< 1900	< 7400	< 7400	< 1600
Phenanthrene	50,000	< 390	46 J	3100	< 370	30 J	< 1500	< 1500	< 330
Phenol	30 or MDL	< 390	< 390	< 1400	< 370	< 380	< 1500	< 1500	< 330
Pyrene	50,000	< 390	79 J	580 J	< 370	45 J	< 1500	< 1500	< 330
Total SVOCs	--	0	442 J	19030 JHM	0	329.7 J	0	0	89 J

Notes:
B = Analyte found in the blank and the sample.
J = Result is an estimated value below the repor
limit or a tentatively identified compound (TIC).
M = Manually integrated compound.
H = Alternate peak selection upon analytical revie
A = Concentration exceeds the instrument calibr.
range or below the reporting limit.
R = Data is rejected as a result of data validation
µg/kg = micrograms per kilogram

TABLE 7 - SUMMARY OF SVOCs IN SOIL
Remedial Investigation
Atlas Park
Glendale, NY

Boring ID	NYSDEC TAGM	B38(5-7)	B38(57-58)	B45(2-4)	B45(5-7)	B46(4-6)	B46(6-8)
Depth (ft)	Recommended	5-7	57-58	2-4	5-7	4-6	6-8
Collection Date	Soil Cleanup	7/19/04	7/19/04	7/16/04	7/16/04	7/16/04	7/16/04
Matrix	Objective	Soil	Soil	Soil	Soil	Soil	Soil
Units	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Lab Report ID		207193-4	207193-5	207130-15	207130-16	207130-17	207130-18
1,2,4-Trichlorobenzene	3,400	< 380	< 360	< 360	< 370	< 370	< 370
1,2-Dichlorobenzene	7,900	< 380	< 360	< 360	< 370	< 370	< 370
1,3-Dichlorobenzene	1,600	< 380	< 360	< 360	< 370	< 370	< 370
1,4-Dichlorobenzene	8,500	< 380	< 360	< 360	< 370	< 370	< 370
2,2-oxybis(1-chloropropane)	-	< 380	< 360	< 360	< 370	< 370	< 370
2,4,5-Trichlorophenol	100	< 1800	< 1700	< 1700	< 1800	< 1800	< 1800
2,4,6-Trichlorophenol	-	< 380	< 360	< 360	< 370	< 370	< 370
2,4-Dichlorophenol	400	< 380	< 360	< 360	< 370	< 370	< 370
2,4-Dimethylphenol	-	< 380	< 360	< 360	< 370	< 370	< 370
2,4-Dinitrophenol	200 or MDL	< 1800	< 1700	< 1700	< 1800	< 1800	< 1800
2,4-Dinitrotoluene	-	< 380	< 360	< 360	< 370	< 370	< 370
2,6-Dinitrotoluene	1,000	< 380	< 360	< 360	< 370	< 370	< 370
2-Chloronaphthalene	-	< 380	< 360	< 360	< 370	< 370	< 370
2-Chlorophenol	800	< 380	< 360	< 360	< 370	< 370	< 370
2-Methylnaphthalene	36,400	< 380	< 360	< 360	< 370	< 370	< 370
2-Methylphenol	100 or MDL	< 380	< 360	< 360	< 370	< 370	< 370
2-Nitroaniline	430 or MDL	< 1800	< 1700	< 1700	< 1800	< 1800	< 1800
2-Nitrophenol	330 or MDL	< 380	< 360	< 360	< 370	< 370	< 370
3,3'-Dichlorobenzidine	–	< 760	< 710	< 720	< 740	< 730	< 730
3-Nitroaniline	500 or MDL	< 1800	< 1700	< 1700	< 1800	< 1800	< 1800
4,6-Dinitro-2-methylphenol	-	< 1800	< 1700	< 1700	< 1800	< 1800	< 1800
4-Bromophenyl phenyl ether	-	< 380	< 360	< 360	< 370	< 370	< 370
4-Chloro-3-methylphenol	240 or MDL	< 380	< 360	< 360	< 370	< 370	< 370
4-Chloroaniline	-	< 380	< 360	< 360	< 370	< 370	< 370
4-Chlorophenyl phenyl ether	-	< 380	< 360	< 360	< 370	< 370	< 370
4-Methylphenol	900	< 380	< 360	< 360	< 370	< 370	< 370
4-Nitroaniline	-	< 760	< 710	< 720	< 740	< 730	< 730
4-Nitrophenol	100 or MDL	< 1800	< 1700	< 1700	< 1800	< 1800	< 1800
Acenaphthene	50,000	< 380	< 360	< 360	< 370	< 370	< 370
Acenaphthylene	50,000	< 380	< 360	53 J	53 J	< 370	< 370
Anthracene	50,000	< 380	< 360	61 J	62 J,M	< 370	< 370
Benzo(a)anthracene	224 or MDL	< 380	< 360	**260 J**	**430**	150 J	80 J
Benzo(a)pyrene	61 or MDL	< 380	< 360	**430**	**970**	**180 J**	**80 J**
Benzo(b)fluoranthene	220 or MDL	< 380	< 360	**320 J,M**	**650 M**	**230 J,M**	< 370
Benzo(g,h,i)perylene	50,000	< 380	< 360	730	1600	210 J	110 J
Benzo(k)fluoranthene	220 or MDL	< 380	< 360	**430 M**	**850 M**	150 J,M	100 J,M
Benzoic Acid	2,700	< 1800	< 1700	< 1700	< 1800	< 1800	< 1800
Benzyl alcohol	-	< 380	< 360	< 360	< 370	< 370	< 370
bis(2-Chloroethoxy)methane	-	< 380	< 360	< 360	< 370	< 370	< 370
Bis(2-chloroethyl)ether	-	< 380	< 360	< 360	< 370	< 370	< 370
bis(2-Ethylhexyl)phthalate	50,000	< 380	< 360	< 360	< 370	< 370	50 J
Butyl benzyl phthalate	50,000	< 380	< 360	< 360	< 370	< 370	< 370
Carbazole	-	< 380	< 360	< 360	< 370	< 370	< 370
Chrysene	400	< 380	< 360	320 J	**540**	180 J	92 J
Dibenzo(a,h)anthracene	14 or MDL	< 380	< 360	**84 J,M**	**95 J,M**	< 370	< 370
Dibenzofuran	6,200	< 380	< 360	< 360	< 370	< 370	< 370
Diethylphthalate	7,100	< 380	< 360	< 360	< 370	< 370	< 370
Dimethylphthalate	2,000	< 380	< 360	< 360	< 370	< 370	< 370
Di-n-Butyl-phthalate	8,100	< 380	< 360	< 360	< 370	< 370	< 370
Di-n-Octylphthalate	50,000	< 380	< 360	< 360	< 370	< 370	< 370
Fluoranthene	50,000	< 380	< 360	620	850	340 J	150 J
Fluorene	50,000	< 380	< 360	< 360	< 370	< 370	< 370
Hexachlorobenzene	410	< 380	< 360	< 360	< 370	< 370	< 370
Hexachlorobutadiene	-	< 380	< 360	< 360	< 370	< 370	< 370
Hexachlorocyclopentadiene	-	< 380	< 360	< 360	< 370	< 370	< 370
Hexachloroethane	-	< 380	< 360	< 360	< 370	< 370	< 370
Indeno(1,2,3-cd)pyrene	3,200	< 380	< 360	430	930	150 J	78 J
Isophorone	4,400	< 380	< 360	97 J	< 370	< 370	< 370
Naphthalene	13,000	< 380	< 360	< 360	< 370	< 370	< 370
Nitrobenzene	200 or MDL	< 380	< 360	< 360	< 370	< 370	< 370
N-Nitrosodiphenylamine	-	< 380	< 360	< 360	< 370	< 370	< 370
N-Nitroso-di-n-propylamine	-	< 380	< 360	< 360	< 370	< 370	< 370
Pentachlorophenol	1000 or MDL	< 1800	< 1700	< 1700	< 1800	< 1800	< 1800
Phenanthrene	50,000	< 380	< 360	260 J	270 J	160 J	64 J
Phenol	30 or MDL	< 380	< 360	< 360	< 370	< 370	< 370
Pyrene	50,000	< 380	< 360	880	1600	450	180 J
Total SVOCs	–	0	0	4975 J,M	8900 J,M	2200 J,M	984 J,M

Notes:
B = Analyte found in the blank and the sample.
J = Result is an estimated value below the repor
limit or a tentatively identified compound (TIC).
M = Manually integrated compound.
H = Alternate peak selection upon analytical revie
A = Concentration exceeds the instrument calibr
range or below the reporting limit.
R = Data is rejected as a result of data validation
µg/kg = micrograms per kilogram

TABLE 7 - SUMMARY OF SVOCs IN SOIL
Remedial Investigation
Atlas Park
Glendale, NY

Boring ID	NYSDEC TAGM	B47(2-4)	B47(6-8)	B48(2-4)	DUP1	B48(8-10)	B49(2-4)	B49(12-15)
Depth (ft)	Recommended	2-4	6-8	2-4	B48(2-4)	8-10	2-4	12-15
Collection Date	Soil Cleanup	7/16/04	7/16/04	7/15/04	7/15/04	7/15/04	7/15/04	7/15/04
Matrix	Objective	Soil	Soil	Soil	Soil	Soil	Soil	soil
Units	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Lab Report ID		207141-4	207141-5	207141-2	207141-8	207141-3	207130-20	207141-001
1,2,4-Trichlorobenzene	3,400	< 350	< 350	< 350	< 370	< 890	< 370	< 380
1,2-Dichlorobenzene	7,900	< 350	< 350	< 350	< 370	< 890	< 370	< 380
1,3-Dichlorobenzene	1,600	< 350	< 350	< 350	< 370	< 890	< 370	< 380
1,4-Dichlorobenzene	8,500	< 350	< 350	< 350	< 370	< 890	< 370	< 380
2,2-oxybis(1-chloropropane)	-	< 350	< 350	< 350	< 370	< 890	< 370	< 380
2,4,5-Trichlorophenol	100	< 1700	< 1700	< 1700	< 1800	< 4300	< 1800	< 1800
2,4,6-Trichlorophenol	-	< 350	< 350	< 350	< 370	< 890	< 370	< 380
2,4-Dichlorophenol	400	< 350	< 350	< 350	< 370	< 890	< 370	< 380
2,4-Dimethylphenol	-	< 350	< 350	< 350	< 370	< 890	< 370	< 380
2,4-Dinitrophenol	200 or MDL	< 1700	< 1700	< 1700	< 1800	< 4300	< 1800	< 1800
2,4-Dinitrotoluene	-	< 350	< 350	< 350	< 370	< 890	< 370	< 380
2,6-Dinitrotoluene	1,000	< 350	< 350	< 350	< 370	< 890	< 370	< 380
2-Chloronaphthalene	-	< 350	< 350	< 350	< 370	< 890	< 370	< 380
2-Chlorophenol	800	< 350	< 350	< 350	< 370	< 890	< 370	< 380
2-Methylnaphthalene	36,400	< 350	< 350	320 J	99 J	200 J	83 J	97 J
2-Methylphenol	100 or MDL	< 350	< 350	< 350	< 370	< 890	< 370	< 380
2-Nitroaniline	430 or MDL	< 1700	< 1700	< 1700	< 1800	< 4300	< 1800	< 1800
2-Nitrophenol	330 or MDL	< 350	< 350	< 350	< 370	< 890	< 370	< 380
3,3'-Dichlorobenzidine	--	< 700	< 700	< 700	< 730	< 1800	< 730	< 760
3-Nitroaniline	500 or MDL	< 1700	< 1700	< 1700	< 1800	< 4300	< 1800	< 1800
4,6-Dinitro-2-methylphenol	-	< 1700	< 1700	< 1700	< 1800	< 4300	< 1800	< 1800
4-Bromophenyl phenyl ether	-	< 350	< 350	< 350	< 370	< 890	< 370	< 380
4-Chloro-3-methylphenol	240 or MDL	< 350	< 350	< 350	< 370	< 890	< 370	< 380
4-Chloroaniline	-	< 350	< 350	< 350	< 370	< 890	< 370	< 380
4-Chlorophenyl phenyl ether	-	< 350	< 350	< 350	< 370	< 890	< 370	< 380
4-Methylphenol	900	< 350	< 350	< 350	< 370	< 890	< 370	< 380
4-Nitroaniline	-	< 700	< 700	< 700	< 730	< 1800	< 730	< 760
4-Nitrophenol	100 or MDL	< 1700	< 1700	< 1700	< 1800	< 4300	< 1800	< 1800
Acenaphthene	50,000	< 350	< 350	180 J	< 370	290 J	< 370	< 380
Acenaphthylene	50,000	< 350	< 350	62 J	< 370	160 J	< 370	< 380
Anthracene	50,000	< 350	< 350	400	< 370	660 J	< 370	< 380
Benzo(a)anthracene	224 or MDL	< 350	< 350	**870**	150 J	**1700**	< 370	56 J
Benzo(a)pyrene	61 or MDL	< 350	< 350	**990**	**130 J**	**1800 H**	< 370	54 J
Benzo(b)fluoranthene	220 or MDL	< 350	< 350	**850**	**260 J,M**	**2700**	< 370	< 380
Benzo(g,h,i)perylene	50,000	< 350	< 350	670	77 J	500 J	< 370	< 380
Benzo(k)fluoranthene	220 or MDL	< 350	< 350	**860 H**	< 370	< 890	< 370	53 JM
Benzoic Acid	2,700	< 1700	< 1700	< 1700	< 1800	< 4300	< 1800	< 1800
Benzyl alcohol	-	< 350	< 350	< 350	< 370	< 890	< 370	< 380
bis(2-Chloroethoxy)methane	-	< 350	< 350	< 350	< 370	< 890	< 370	< 380
Bis(2-chloroethyl)ether	-	< 350	< 350	< 350	< 370	< 890	< 370	< 380
bis(2-Ethylhexyl)phthalate	50,000	49 J	< 350	< 350	< 370	< 890	< 370	< 380
Butyl benzyl phthalate	50,000	< 350	< 350	< 350	< 370	< 890	< 370	< 380
Carbazole	-	< 350	< 350	160 J	< 370	340 J	< 370	< 380
Chrysene	400	< 350	< 350	**980**	160 J	**2200**	< 370	67 J
Dibenzo(a,h)anthracene	14 or MDL	< 350	< 350	**240 J,M**	< 370	**260 J**	< 370	< 380
Dibenzofuran	6,200	< 350	< 350	130 J	< 370	230 J	< 370	< 380
Diethylphthalate	7,100	< 350	< 350	< 350	< 370	< 890	< 370	< 380
Dimethylphthalate	2,000	< 350	< 350	< 350	< 370	< 890	< 370	< 380
Di-n-Butyl-phthalate	8,100	280 J	< 350	< 350	< 370	< 890	1000	< 380
Di-n-Octylphthalate	50,000	< 350	< 350	< 350	< 370	< 890	< 370	< 380
Fluoranthene	50,000	< 350	< 350	1700	250 J	3700	< 370	100 J
Fluorene	50,000	< 350	< 350	240 J	< 370	350 J	< 370	< 380
Hexachlorobenzene	410	< 350	< 350	< 350	< 370	< 890	< 370	< 380
Hexachlorobutadiene	-	< 350	< 350	< 350	< 370	< 890	< 370	< 380
Hexachlorocyclopentadiene	-	< 350	< 350	< 350	< 370	< 890	< 370	< 380
Hexachloroethane	-	< 350	< 350	< 350	< 370	< 890	< 370	< 380
Indeno(1,2,3-cd)pyrene	3,200	< 350	< 350	570	77 J	550 J	< 370	< 380
Isophorone	4,400	< 350	< 350	< 350	< 370	< 890	< 370	< 380
Naphthalene	13,000	< 350	< 350	230 J	76 J	450 J	72 J	110 J
Nitrobenzene	200 or MDL	< 350	< 350	< 350	< 370	< 890	< 370	< 380
N-Nitrosodiphenylamine	-	< 350	< 350	< 350	< 370	< 890	< 370	< 380
N-Nitroso-di-n-propylamine	-	< 350	< 350	< 350	< 370	< 890	< 370	< 380
Pentachlorophenol	1000 or MDL	< 1700	< 1700	< 1700	< 1800	< 4300	< 1800	< 1800
Phenanthrene	50,000	< 350	< 350	1500 H	180 J	2600	57 J	92 J
Phenol	30 or MDL	< 350	< 350	< 350	< 370	< 890	< 370	< 380
Pyrene	50,000	< 350	< 350	1900	270 J	3400	< 370	110 J
Total SVOCs	--	329 J	0	12852 I,H,M	1729 J,M	22090 J,H	1212 J	739 JM

Notes:
B = Analyte found in the blank and the sample.
J = Result is an estimated value below the repor
limit or a tentatively identified compound (TIC).
M = Manually integrated compound.
H = Alternate peak selection upon analytical revie
A = Concentration exceeds the instrument calibr.
range or below the reporting limit.
R = Data is rejected as a result of data validation
µg/kg = micrograms per kilogram

TABLE 7 - SUMMARY OF SVOCs IN SOIL
Remedial Investigation
Atlas Park
Glendale, NY

Boring ID	NYSDEC TAGM	B50(3-5)	B50(6-8)	B51(2-4)	B51(6-8)	B52(1-3)	B52(4-6)
Depth (ft)	Recommended	3-5	6-8	2-4	6-8	1-3	4-6
Collection Date	Soil Cleanup	7/15/04	7/15/04	7/15/04	7/15/04	7/15/04	7/15/04
Matrix	Objective	Soil	Soil	Soil	Soil	Soil	Soil
Units	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Lab Report ID		207130-7	207130-8	207130-9	207130-10	207130-11	207130-12
1,2,4-Trichlorobenzene	3,400	< 340	< 370	< 18000	< 380	< 370	< 380
1,2-Dichlorobenzene	7,900	< 340	< 370	< 18000	< 380	< 370	< 380
1,3-Dichlorobenzene	1,600	< 340	< 370	< 18000	< 380	< 370	< 380
1,4-Dichlorobenzene	8,500	< 340	< 370	< 18000	< 380	< 370	< 380
2,2-oxybis(1-chloropropane)	-	< 340	< 370	< 18000	< 380	< 370	< 380
2,4,5-Trichlorophenol	100	< 1600	< 1800	< 87000	< 1800	< 1800	< 1800
2,4,6-Trichlorophenol	-	< 340	< 370	< 18000	< 380	< 370	< 380
2,4-Dichlorophenol	400	< 340	< 370	< 18000	< 380	< 370	< 380
2,4-Dimethylphenol	-	< 340	< 370	< 18000	< 380	< 370	< 380
2,4-Dinitrophenol	200 or MDL	< 1600	< 1800	< 87000	< 1800	< 1800	< 1800
2,4-Dinitrotoluene	-	< 340	< 370	< 18000	< 380	< 370	< 380
2,6-Dinitrotoluene	1,000	< 340	< 370	< 18000	< 380	< 370	< 380
2-Chloronaphthalene	-	< 340	< 370	< 18000	< 380	< 370	< 380
2-Chlorophenol	800	< 340	< 370	< 18000	< 380	< 370	< 380
2-Methylnaphthalene	36,400	< 340	< 370	< 18000	< 380	< 370	< 380
2-Methylphenol	100 or MDL	< 340	< 370	< 18000	< 380	< 370	< 380
2-Nitroaniline	430 or MDL	< 1600	< 1800	< 87000	< 1800	< 1800	< 1800
2-Nitrophenol	330 or MDL	< 340	< 370	< 18000	< 380	< 370	< 380
3,3'-Dichlorobenzidine	–	< 680	< 730	< 36000	< 760	< 750	< 760
3-Nitroaniline	500 or MDL	< 1600	< 1800	< 87000	< 1800	< 1800	< 1800
4,6-Dinitro-2-methylphenol	-	< 1600	< 1800	< 87000	< 1800	< 1800	< 1800
4-Bromophenyl phenyl ether	-	< 340	< 370	< 18000	< 380	< 370	< 380
4-Chloro-3-methylphenol	240 or MDL	< 340	< 370	< 18000	< 380	< 370	< 380
4-Chloroaniline	-	< 340	< 370	< 18000	< 380	< 370	< 380
4-Chlorophenyl phenyl ether	-	< 340	< 370	< 18000	< 380	< 370	< 380
4-Methylphenol	900	< 340	< 370	< 18000	< 380	< 370	< 380
4-Nitroaniline	-	< 680	< 730	< 36000	< 760	< 750	< 760
4-Nitrophenol	100 or MDL	< 1600	< 1800	< 87000	< 1800	< 1800	< 1800
Acenaphthene	50,000	< 340	< 370	< 18000	< 380	< 370	< 380
Acenaphthylene	50,000	< 340	< 370	< 18000	< 380	< 370	< 380
Anthracene	50,000	< 340	< 370	**6300 J**	< 380	< 370	< 380
Benzo(a)anthracene	224 or MDL	50 J	< 370	**24000**	160 J	< 370	< 380
Benzo(a)pyrene	61 or MDL	47 J	< 370	**16000 J**	**89 J**	< 370	< 380
Benzo(b)fluoranthene	220 or MDL	< 340	< 370	**18000 J,M**	**270 J**	< 370	< 380
Benzo(g,h,i)perylene	50,000	< 340	< 370	15000 J	96 J,M	< 370	< 380
Benzo(k)fluoranthene	220 or MDL	< 340	< 370	**19000 M**	< 380	< 370	< 380
Benzoic Acid	2,700	< 1600	< 1800	< 87000	< 1800	< 1800	< 1800
Benzyl alcohol	-	< 340	< 370	< 18000	< 380	< 370	< 380
bis(2-Chloroethoxy)methane	-	< 340	< 370	< 18000	< 380	< 370	< 380
Bis(2-chloroethyl)ether	-	< 340	< 370	< 18000	< 380	< 370	< 380
bis(2-Ethylhexyl)phthalate	50,000	< 340	< 370	< 18000	< 380	870	72 J
Butyl benzyl phthalate	50,000	< 340	< 370	< 18000	< 380	< 370	< 380
Carbazole	-	< 340	< 370	6800 J	< 380	< 370	< 380
Chrysene	400	52 J,M	< 370	**26000**	160 J	< 370	< 380
Dibenzo(a,h)anthracene	14 or MDL	< 340	< 370	**4800 J**	< 380	< 370	< 380
Dibenzofuran	6,200	< 340	< 370	< 18000	< 380	< 370	< 380
Diethylphthalate	7,100	< 340	< 370	< 18000	< 380	< 370	< 380
Dimethylphthalate	2,000	< 340	< 370	< 18000	< 380	< 370	< 380
Di-n-Butyl-phthalate	8,100	< 340	< 370	< 18000	< 380	< 370	< 380
Di-n-Octylphthalate	50,000	< 340	< 370	< 18000	< 380	< 370	< 380
Fluoranthene	50,000	110 J	< 370	**88000**	330 J	< 370	< 380
Fluorene	50,000	< 340	< 370	< 18000	< 380	< 370	< 380
Hexachlorobenzene	410	< 340	< 370	< 18000	< 380	< 370	< 380
Hexachlorobutadiene	-	< 340	< 370	< 18000	< 380	< 370	< 380
Hexachlorocyclopentadiene	-	< 340	< 370	< 18000	< 380	< 370	< 380
Hexachloroethane	-	< 340	< 370	< 18000	< 380	< 370	< 380
Indeno(1,2,3-cd)pyrene	3,200	< 340	< 370	**13000 J**	78 J,M	< 370	< 380
Isophorone	4,400	< 340	< 370	< 18000	< 380	< 370	< 380
Naphthalene	13,000	< 340	< 370	< 18000	< 380	< 370	< 380
Nitrobenzene	200 or MDL	< 340	< 370	< 18000	< 380	< 370	< 380
N-Nitrosodiphenylamine	-	< 340	< 370	< 18000	< 380	< 370	< 380
N-Nitroso-di-n-propylamine	-	< 340	< 370	< 18000	< 380	< 370	< 380
Pentachlorophenol	1000 or MDL	< 1600	< 1800	< 87000	< 1800	< 1800	< 1800
Phenanthrene	50,000	47 J	< 370	46000	61 J	< 370	< 380
Phenol	30 or MDL	< 340	< 370	< 18000	< 380	< 370	< 380
Pyrene	50,000	98 J	< 370	79000	310 J	< 370	< 380
Total SVOCs	–	404 J,M	0	340100 J,M	1554 J,M	870	72 J

Notes:
B = Analyte found in the blank and the sample.
J = Result is an estimated value below the repor
limit or a tentatively identified compound (TIC).
M = Manually integrated compound.
H = Alternate peak selection upon analytical revie
A = Concentration exceeds the instrument calibr.
range or below the reporting limit.
R = Data is rejected as a result of data validation
µg/kg = micrograms per kilogram

TABLE 7 - SUMMARY OF SVOCs IN SOIL
Remedial Investigation
Atlas Park
Glendale, NY

Boring ID	NYSDEC TAGM	B53(1-4)	B53(7-9)	B55(0.5-4.5)	B55(8-12)	B57(0-5)	B57(68-70)	DUP080604
Depth (ft)	Recommended	1-4	7-9	0.5-4.5	7-12	0-5	68-70	B57(68-70)
Collection Date	Soil Cleanup	7/15/04	7/15/04	8/12/04	8/12/04	7/22/04	8/6/04	8/6/04
Matrix	Objective	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Units	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Lab Report ID		207130-13	207130-14	207346-7	207346	207193-6	207346-1	207346-2
1,2,4-Trichlorobenzene	3,400	< 350	< 340	< 770	< 410	< 840	< 330	< 340
1,2-Dichlorobenzene	7,900	< 350	< 340	< 770	< 410	< 840	< 330	< 340
1,3-Dichlorobenzene	1,600	< 350	< 340	< 770	< 410	< 840	< 330	< 340
1,4-Dichlorobenzene	8,500	< 350	< 340	< 770	< 410	< 840	< 330	< 340
2,2-oxybis(1-chloropropane)	-	< 350	< 340	< 770	< 410	< 840	< 330	< 340
2,4,5-Trichlorophenol	100	< 1700	< 1600	< 3700	< 2000	< 4100	< 1600	< 1600
2,4,6-Trichlorophenol	-	< 350	< 340	< 770	< 410	< 840	< 330	< 340
2,4-Dichlorophenol	400	< 350	< 340	< 770	< 410	< 840	< 330	< 340
2,4-Dimethylphenol	-	< 350	< 340	< 770	< 410	< 840	< 330	< 340
2,4-Dinitrophenol	200 or MDL	< 1700	< 1600	< 3700	< 2000	< 4100	< 1600	< 1600
2,4-Dinitrotoluene	-	< 350	< 340	< 770	< 410	< 840	< 330	< 340
2,6-Dinitrotoluene	1,000	< 350	< 340	< 770	< 410	< 840	< 330	< 340
2-Chloronaphthalene	-	< 350	< 340	< 770	< 410	< 840	< 330	< 340
2-Chlorophenol	800	< 350	< 340	< 770	< 410	< 840	< 330	< 340
2-Methylnaphthalene	36,400	< 350	< 340	< 770	< 410	< 840	< 330	< 340
2-Methylphenol	100 or MDL	< 350	< 340	< 770	< 410	< 840	< 330	< 340
2-Nitroaniline	430 or MDL	< 1700	< 1600	< 3700	< 2000	< 4100	< 1600	< 1600
2-Nitrophenol	330 or MDL	< 350	< 340	< 770	< 410	< 840	< 330	< 340
3,3'-Dichlorobenzidine	–	< 700	< 680	< 1500	< 810	< 1700	< 670	< 670
3-Nitroaniline	500 or MDL	< 1700	< 1600	< 3700	< 2000	< 4100	< 1600	< 1600
4,6-Dinitro-2-methylphenol	-	< 1700	< 1600	< 3700	< 2000	< 4100	< 1600	< 1600
4-Bromophenyl phenyl ether	-	< 350	< 340	< 770	< 410	< 840	< 330	< 340
4-Chloro-3-methylphenol	240 or MDL	< 350	< 340	< 770	< 410	< 840	< 330	< 340
4-Chloroaniline	-	< 350	< 340	< 770	< 410	< 840	< 330	< 340
4-Chlorophenyl phenyl ether	-	< 350	< 340	< 770	< 410	< 840	< 330	< 340
4-Methylphenol	900	< 350	< 340	< 770	< 410	< 840	< 330	< 340
4-Nitroaniline	-	< 700	< 680	< 1500	< 810	< 1700	< 670	< 670
4-Nitrophenol	100 or MDL	< 1700	< 1600	< 3700	< 2000	< 4100	< 1600	< 1600
Acenaphthene	50,000	< 350	< 340	< 770	< 410	< 840	< 330	< 340
Acenaphthylene	50,000	< 350	< 340	710 J	< 410	< 840	< 330	< 340
Anthracene	50,000	< 350	< 340	460 J	< 410	440 J	< 330	< 340
Benzo(a)anthracene	224 or MDL	< 350	< 340	**1300**	< 410	**1600**	< 330	< 340
Benzo(a)pyrene	61 or MDL	< 350	< 340	**1800**	< 410	**1800**	< 330	< 340
Benzo(b)fluoranthene	220 or MDL	< 350	< 340	**1500**	< 410	**3100 M**	< 330	< 340
Benzo(g,h,i)perylene	50,000	< 350	< 340	1400	< 410	1000	< 330	< 340
Benzo(k)fluoranthene	220 or MDL	< 350	< 340	**1400**	< 410	< 840	< 330	< 340
Benzoic Acid	2,700	< 1700	< 1600	< 3700	< 2000	< 4100	< 1600	< 1600
Benzyl alcohol	-	< 350	< 340	< 770	< 410	< 840	< 330	< 340
bis(2-Chloroethoxy)methane	-	< 350	< 340	< 770	< 410	< 840	< 330	< 340
Bis(2-chloroethyl)ether	-	< 350	< 340	< 770	< 410	< 840	< 330	< 340
bis(2-Ethylhexyl)phthalate	50,000	< 350	< 340	< 770	< 410	< 840	80 J	< 340
Butyl benzyl phthalate	50,000	< 350	< 340	< 770	< 410	< 840	< 330	< 340
Carbazole	-	< 350	< 340	< 770	< 410	370 J	< 330	< 340
Chrysene	400	< 350	< 340	**1700**	< 410	**1900**	< 330	< 340
Dibenzo(a,h)anthracene	14 or MDL	< 350	< 340	**430 J**	< 410	**410 J**	< 330	< 340
Dibenzofuran	6,200	< 350	< 340	< 770	< 410	< 840	< 330	< 340
Diethylphthalate	7,100	< 350	< 340	< 770	< 410	< 840	< 330	< 340
Dimethylphthalate	2,000	< 350	< 340	< 770	< 410	< 840	< 330	< 340
Di-n-Butyl-phthalate	8,100	< 350	< 340	< 770	< 410	< 840	< 330	< 340
Di-n-Octylphthalate	50,000	< 350	< 340	< 770	< 410	< 840	< 330	< 340
Fluoranthene	50,000	< 350	< 340	1500	< 410	3600	< 330	< 340
Fluorene	50,000	< 350	< 340	< 770	< 410	130 J	< 330	< 340
Hexachlorobenzene	410	< 350	< 340	< 770	< 410	< 840	< 330	< 340
Hexachlorobutadiene	-	< 350	< 340	< 770	< 410	< 840	< 330	< 340
Hexachlorocyclopentadiene	-	< 350	< 340	< 770	< 410	< 840	< 330	< 340
Hexachloroethane	-	< 350	< 340	< 770	< 410	< 840	< 330	< 340
Indeno(1,2,3-cd)pyrene	3,200	< 350	< 340	1200	< 410	870	< 330	< 340
Isophorone	4,400	< 350	< 340	< 770	< 410	< 840	< 330	< 340
Naphthalene	13,000	< 350	< 340	< 770	< 410	< 840	< 330	< 340
Nitrobenzene	200 or MDL	< 350	< 340	< 770	< 410	< 840	< 330	< 340
N-Nitrosodiphenylamine	-	< 350	< 340	< 770	< 410	< 840	< 330	< 340
N-Nitroso-di-n-propylamine	-	< 350	< 340	< 770	< 410	< 840	< 330	< 340
Pentachlorophenol	1000 or MDL	< 1700	< 1600	< 3700	< 2000	< 4100	< 1600	< 1600
Phenanthrene	50,000	< 350	< 340	**660 J**	< 410	2300	< 330	< 340
Phenol	30 or MDL	< 350	< 340	< 770	< 410	< 840	< 330	< 340
Pyrene	50,000	< 350	< 340	1700	< 410	3200	< 330	< 340
Total SVOCs	–	0	0	15760 J	0	20720 J,M	80 J	0

Notes:
B = Analyte found in the blank and the sample.
J = Result is an estimated value below the repor
limit or a tentatively identified compound (TIC).
M = Manually integrated compound.
H = Alternate peak selection upon analytical revie
A = Concentration exceeds the instrument calibr
range or below the reporting limit.
R = Data is rejected as a result of data validation
µg/kg = micrograms per kilogram

TABLE 7 - SUMMARY OF SVOCs IN SOIL
Remedial Investigation
Atlas Park
Glendale, NY

Boring ID	NYSDEC TAGM	B58(0-5)	B58(18-21)	B58(73-75)	B59(3-5)	B59(6-8)
Depth (ft)	Recommended	0-5	18-21	73-75	3-5	6-8
Collection Date	Soil Cleanup	7/22/04	7/22/04	8/2/04	7/16/04	7/16/04
Matrix	Objective	Soil	Soil	Soil	Soil	Soil
Units	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Lab Report ID		207193-7	207193-8	207240-4	207141-6	207141-7
1,2,4-Trichlorobenzene	3,400	< 410	< 400	< 340	< 350	< 350
1,2-Dichlorobenzene	7,900	< 410	< 400	< 340	< 350	< 350
1,3-Dichlorobenzene	1,600	< 410	< 400	< 340	< 350	< 350
1,4-Dichlorobenzene	8,500	< 410	< 400	< 340	< 350	< 350
2,2-oxybis(1-chloropropane)	-	< 410	< 400	< 340	< 350	< 350
2,4,5-Trichlorophenol	100	< 2000	< 1900	< 1600	< 1700	< 1700
2;4,6-Trichlorophenol	-	< 410	< 400	< 340	< 350	< 350
2,4-Dichlorophenol	400	< 410	< 400	< 340	< 350	< 350
2,4-Dimethylphenol	-	< 410	< 400	< 340	< 350	< 350
2,4-Dinitrophenol	200 or MDL	< 2000	< 1900	< 1600	< 1700	< 1700
2,4-Dinitrotoluene	-	< 410	< 400	< 340	< 350	< 350
2,6-Dinitrotoluene	1,000	< 410	< 400	< 340	< 350	< 350
2-Chloronaphthalene	-	< 410	< 400	< 340	< 350	< 350
2-Chlorophenol	800	< 410	< 400	< 340	< 350	< 350
2-Methylnaphthalene	36,400	< 410	< 400	< 340	150 J	< 350
2-Methylphenol	100 or MDL	< 410	< 400	< 340	< 350	< 350
2-Nitroaniline	430 or MDL	< 2000	< 1900	< 1600	< 1700	< 1700
2-Nitrophenol	330 or MDL	< 410	< 400	< 340	< 350	< 350
3,3'-Dichlorobenzidine	–	< 830	< 800	< 680	< 690	< 710
3-Nitroaniline	500 or MDL	< 2000	< 1900	< 1600	< 1700	< 1700
4,6-Dinitro-2-methylphenol	-	< 2000	< 1900	< 1600	< 1700	< 1700
4-Bromophenyl phenyl ether	-	< 410	< 400	< 340	< 350	< 350
4-Chloro-3-methylphenol	240 or MDL	< 410	< 400	< 340	< 350	< 350
4-Chloroaniline	-	< 410	< 400	< 340	< 350	< 350
4-Chlorophenyl phenyl ether	-	< 410	< 400	< 340	< 350	< 350
4-Methylphenol	900	< 410	< 400	< 340	< 350	< 350
4-Nitroaniline	-	< 830	< 800	< 680	< 690	< 710
4-Nitrophenol	100 or MDL	< 2000	< 1900	< 1600	< 1700	< 1700
Acenaphthene	50,000	< 410	< 400	< 340	< 350	< 350
Acenaphthylene	50,000	< 410	< 400	< 340	< 350	< 350
Anthracene	50,000	81 J	< 400	< 340	< 350	< 350
Benzo(a)anthracene	224 or MDL	**240 J**	170 J	< 340	< 350	< 350
Benzo(a)pyrene	61 or MDL	**350 J**	**220 J**	< 340	< 350	< 350
Benzo(b)fluoranthene	220 or MDL	**300 J**	**250 J,M**	< 340	< 350	< 350
Benzo(g,h,i)perylene	50,000	410 J	170 J	< 340	< 350	< 350
Benzo(k)fluoranthene	220 or MDL	**290 J**	160 J,M	< 340	< 350	< 350
Benzoic Acid	2,700	< 2000	< 1900	< 1600	< 1700	< 1700
Benzyl alcohol	-	< 410	< 400	< 340	< 350	< 350
bis(2-Chloroethoxy)methane	-	< 410	< 400	< 340	< 350	< 350
Bis(2-chloroethyl)ether	-	< 410	< 400	< 340	< 350	< 350
bis(2-Ethylhexyl)phthalate	50,000	< 410	< 400	< 340	< 350	< 350
Butyl benzyl phthalate	50,000	< 410	< 400	< 340	< 350	< 350
Carbazole	-	< 410	< 400	< 340	< 350	< 350
Chrysene	400	280 J	180 J	< 340	< 350	< 350
Dibenzo(a,h)anthracene	14 or MDL	**62 J**	**52 J**	< 340	< 350	< 350
Dibenzofuran	6,200	< 410	< 400	< 340	< 350	< 350
Diethylphthalate	7,100	< 410	< 400	< 340	< 350	< 350
Dimethylphthalate	2,000	< 410	< 400	< 340	< 350	< 350
Di-n-Butyl-phthalate	8,100	< 410	< 400	< 340	< 350	< 350
Di-n-Octylphthalate	50,000	< 410	< 400	< 340	< 350	< 350
Fluoranthene	50,000	490	340 J	< 340	< 350	< 350
Fluorene	50,000	< 410	< 400	< 340	< 350	< 350
Hexachlorobenzene	410	< 410	< 400	< 340	< 350	< 350
Hexachlorobutadiene	-	< 410	< 400	< 340	< 350	< 350
Hexachlorocyclopentadiene	-	< 410	< 400	< 340	< 350	< 350
Hexachloroethane	-	< 410	< 400	< 340	< 350	< 350
Indeno(1,2,3-cd)pyrene	3,200	260 J	130 J	< 340	< 350	< 350
Isophorone	4,400	< 410	< 400	< 340	< 350	< 350
Naphthalene	13,000	< 410	< 400	< 340	78 J	< 350
Nitrobenzene	200 or MDL	< 410	< 400	< 340	< 350	< 350
N-Nitrosodiphenylamine	-	< 410	< 400	< 340	< 350	< 350
N-Nitroso-di-n-propylamine	-	< 410	< 400	< 340	< 350	< 350
Pentachlorophenol	1000 or MDL	< 410	< 1900	< 1600	< 1700	< 1700
Phenanthrene	50,000	320 J	180 J	< 340	62 J	< 350
Phenol	30 or MDL	< 410	< 400	< 340	< 350	< 350
Pyrene	50,000	600	350 J	< 340	< 350	< 350
Total SVOCs	–	3683 J	2202 J,M	0	290 J	0

Notes:
B = Analyte found in the blank and the sample.
J = Result is an estimated value below the repor limit or a tentatively identified compound (TIC).
M = Manually integrated compound.
H = Alternate peak selection upon analytical revie
A = Concentration exceeds the instrument calibr. range or below the reporting limit.
R = Data is rejected as a result of data validation
µg/kg = micrograms per kilogram

TABLE 8 - SUMMARY O METALs and PCBs IN SOIL
Remedial Investigation
Atlas Park
Glendale, NY

Boring ID	NYSDEC TAGM	B6(2-4)	B6(59-61)	B7 (2-4)	B7 (7-9)	B9 (1-3)	B9 (3-5)	B9 (8-10)	B10(2-4)	B10(8-10)	B16(5-7)
Depth (ft)	Recommended	2-4	59-61	2-4	7-9	1-3	3-5	8-10	2-4	8-10	5-7
Collection Date	Soil Cleanup	8/9/04	8/10/04	7/14/04	7/14/04	7/16/04	7/14/04	7/14/04	7/14/04	7/14/04	7/21/04
Matrix	Objective	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
µnits	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Lab Report ID		207346-3	207346-4	207130-5	207130-6	207130-19	207130-3	207130-4	207130-1	207130-2	207193-2
Analyte											
PCBs - EPA Method 8082											
Aroclor 1016	-	< 19	< 17	< 19	< 18	< 20	< 18	< 18	< 20	< 20	< 19
Aroclor 1221	-	< 37	< 34	< 36	< 35	< 38	< 35	< 36	< 40	< 39	< 36
Aroclor 1232	-	< 19	< 17	< 19	< 18	< 20	< 18	< 18	< 20	< 20	< 19
Aroclor 1242	-	< 19	< 17	< 19	< 18	< 20	< 18	< 18	< 20	< 20	< 19
Aroclor 1248	-	< 19	< 17	< 19	< 18	< 20	< 18	< 18	< 20	< 20	< 19
Aroclor 1254	-	< 19	< 17	< 19	< 18	< 20	< 18	< 18	< 20	< 20	< 19
Aroclor 1260	-	< 19	< 17	< 19	< 18	13 JM	< 18	< 18	< 20	< 20	< 19
Total PCBs	10,000	0	0	0	0	13 JM	0	0	0	0	0
Metals - EPA Method 7471A and 6010B											
Units	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**
Mercury	0.001 - 0.2	0.015 B	< 0.038	0.2 N	< 0.043 N	0.4 N	0.04 BN	< 0.052 N	0.7 N	0.51 N	0.017 B
Aluminum	33000	9630	1580	7970	8460	11300	11100	11200	12100	11000	10600
Antimony	N/A	< 14.1 N	< 12.5 N	< 13.2 N	< 15.3 N	< 16 N	< 14 N	< 14 N	< 16.9 N	< 16.5 N	< 15 N
Arsenic	3 - 12	1.7 B	< 8.5	2.4 B	< 10.5	8 B	1.6 B	< 9.5	6.9 B	14.4	< 10.3 *
Barium	15 - 600	39.8	17.2	57	44.1	89.3	48.3	51	94.8	95.1	48
Beryllium	0 - 1.75	< 2.4	< 2.1	< 2.3	< 2.6	< 2.8	< 2.5	0.64 B	0.73 B	< 2.8	< 2.6
Cadmium	0.1 - 1	< 3.6	< 3.2	< 3.4	3.9	< 4.2	< 3.7	< 3.6	< 4.3	< 4.2	< 3.8
Calcium	130 - 35000	908 *	1760 *	1360	1070	2630	451	779	1990	1800	991 *
Chromium	1.5 - 40	22.4 *	3.4 *	15.2	20.6	20.7	21.3	21.9	19.3	18.1	20.4 *
Cobalt	2.5 - 60	6.5	2.6	5.6 *	6.7 *	6.9 *	5.9 *	9 *	4.5 *	5.3 *	9.3
Copper	1 - 50	23.4 *N	7.3 *N	19.8 N	19.4 N	63.1 N	11.1 N	23.4 N	28.2 N	30.5 N	21.6 *
Iron	2000 - 550000	13100	6600	12200	12100	19000	14700	19000	16200	14600	16800 *
Lead	200 - 500	9.5 B,*	1.4 B*	32.9	4.7 B	96.9	9 B	7.4 B	75.8	65.6	6.6 B*
Magnesium	100 - 5000	3150 *	1450 *	2110	3010	2280	2820	3310	2140	2030	2980
Manganese	50 - 5000	252 *	130 *	366 *	402 *	481 *	466 *	545 *	197 *	287 *	324 *
Nickel	0.5 - 25	13.7 *N	4.2 B*N	13.2	16.4	16.3	13.5	19.2	12.3	10.2	16.8
Potassium	8500 - 43000	668 N	197 BN	547	882	432	299	1410	408	375	808 N
Selenium	0.1 - 3.9	< 19.3	< 17	< 18	< 20.9	< 22	< 20	< 19	< 23.1	< 22.6	< 20.5
Silver	N/A	< 3.6	< 3.2	< 3.4	< 3.9	< 4.2	< 3.7	< 3.6	< 4.3	< 4.2	< 3.8
Sodium	6000 - 8000	269 N	51.5 BN	412 N	495 N	86.6 BN	36.5 BN	50.3 BN	180 N	147 N	76 B,*
Thallium	N/A	< 26.5	< 23.4	< 24.8	< 28.8	< 31	< 27	< 26	< 31.7	< 31	< 28.2
Vanadium	1 - 300	23.4 *	5.4 *	21.2	20.4	99.3	24.9	27.7	24.7	22.9	27.6 N
Zinc	9 - 50	34.5 N	10 BN	33.9	26.2	96	46.4	43.4	67.2	38.3	46.9

Notes:

N = Spiked sample recovery not within control limits.

* = Batch QC exceeds the upper or lower control limits.

B = Result is less than the CRDL/ reporting limit and greater than or equal to the instrument detection limit.

J = Result is less than the reporting limit, but greater than or equal to the method detection limit.

M = Manually integrated compound.

TABLE 8 - SUMMARY OF METALs and PCBs IN SOIL
Remedial Investigation
Atlas Park
Glendale, NY

Boring ID	NYSDEC TAGM	B16(55-57)	B20(1-5)	B20(7-9)	B20(52-54)	B38(5-7)	B38(57-58)	B45(2-4)	B45(5-7)	B46(4-6)	B46(6-8)
Depth (ft)	Recommended	55-57	1-5	7-9	52-54	5-7	57-58	2-4	5-7	4-6	6-8
Collection Date	Soil Cleanup	7/27/04	7/28/04	7/28/04	7/29/04	7/19/04	7/19/04	7/16/04	7/16/04	7/16/04	7/16/04
Matrix	Objective	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
µnits	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Lab Report ID		207211-1	207240-1	207240-2	207240-3	207193-4	207193-5	207130-15	207130-16	207130-17	207130-18
Analyte											
PCBs - EPA Method 8082											
Aroclor 1016	-	< 19	< 20	< 20	< 17	< 20	< 19	< 18	< 19	< 19	< 19
Aroclor 1221	-	< 38	< 39	< 39	< 34	< 39	< 36	< 36	< 37	< 37	< 37
Aroclor 1232	-	< 19	< 20	< 20	< 17	< 20	< 19	< 18	< 19	< 19	< 19
Aroclor 1242	-	< 19	< 20	< 20	< 17	< 20	< 19	< 18	< 19	< 19	< 19
Aroclor 1248	-	< 19	< 20	< 20	< 17	< 20	< 19	< 18	< 19	< 19	< 19
Aroclor 1254	-	< 19	< 20	7.9 JM	< 17	< 20	< 19	< 18	< 19	< 19	< 19
Aroclor 1260	-	< 19	< 20	< 20	< 17	< 20	< 19	< 18	< 19	< 19	< 19
Total PCBs	10,000	0	0	7.9 JM	0	0	0	0	0	0	0
Metals - EPA Method 7471A and 6010B											
Units	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**
Mercury	0.001 - 0.2	< 0.043 N	0.1	0.029 B	0.027 B	0.032 B	< 0.038	0.210 N	0.190 N	0.180 N	0.43 N
Aluminum	33000	2170	10300	13100	10800	9660	2490	9110	10700	11200	9810
Antimony	N/A	< 15.3 N	< 15.4 N	< 12.3 N	< 12.6 N	< 13.8 N	< 15.1 N	< 15.2 N	< 14.6 N	< 14.4 N	< 13.7 N
Arsenic	3 - 12	< 10.5	2.5 B	2.7 B	1.8 B	2.1 B,*	< 10.3 *	2.8 B	2.6 B	4.4 B	2.4 B
Barium	15 - 600	26	69.8	44.4	42.1	64.7	22.3	66.7	81	82.1	67.1
Beryllium	0 - 1.75	< 2.6	< 2.6	< 2.1	< 2.2	0.67 B	< 2.6	< 2.6	0.69 B	0.67 B	< 2.3
Cadmium	0.1 - 1	< 3.9	< 3.9	< 3.2	< 3.2	< 3.5	< 3.9	< 3.9	< 3.7	< 3.7	< 3.5
Calcium	130 - 35000	4980 *	4580 *	2060 *	3720 *	1570 *	2890 *	13900	8850	22100	8940
Chromium	1.5 - 40	5.3	16.6	26.2	20.7	26.7 *	5.9 *	15.9	18.4	19.2	17.1
Cobalt	2.5 - 60	2.7	5.8	8.5	6.8	5.9	2.7	5.6 *	6.1 *	7.4 *	5.9 *
Copper	1 - 50	8.3 N	16 *	11.5 *	10.9 *	23.9 *	7.5 *	31.1 N	25.8 N	29.5 N	22.7 N
Iron	2000 - 550000	7030	12900	18800	15300	18900 *	6460 *	12900	13800	16200	13000
Lead	200 - 500	1.9 B	34.6	8.1 B	7.8 B	7.9 B,*	1.6 B,*	39.7	33.8	48.8	37.8
Magnesium	100 - 5000	3210	2270	2610	2380	3540	2780	2360	2330	8670	3200
Manganese	50 - 5000	129	462	470	358	192 *	238 *	421 *	566 *	377 *	452 *
Nickel	0.5 - 25	6.2 B	11.4	13.7	12	13.4	6.5	13.9	13.2	14.8	12.2
Potassium	8500 - 43000	332 N	474	620	711	1330 N	378 N	545	539	898	665
Selenium	0.1 - 3.9	< 20.9	< 21	< 16.8	< 17.2	< 18.9	< 20.7	< 20.8	< 20	< 19.7	< 18.7
Silver	N/A	< 3.9	< 3.9	< 3.2	< 3.2	< 3.5	< 3.9	< 3.9	< 3.7	< 3.7	< 3.5
Sodium	6000 - 8000	84.3 B,N	256	241	230	210 *	136 *	169 N	148 N	551 N	414 N
Thallium	N/A	< 28.8	< 28.9	< 23.2	< 23.7	< 26	< 28.4	< 28.7	< 27.4	< 27	< 25.7
Vanadium	1 - 300	9.7	21.4	30.3	25.1	26.9 N	7.8 N	22.1	24.4	27.5	19.8
Zinc	9 - 50	13.1 B	36.7 *	33.5 *	28.5 *	50.1	12.8 B	40.4	42.5	70.1	58.9

Notes:

N = Spiked sample recovery not within control limits.

* = Batch QC exceeds the upper or lower control limits

B = Result is less than the CRDL/ reporting limit and greater than or equal to the instrument detection limit.

J = Result is less than the reporting limit, but greater than or equal to the method detection limit.

M = Manually integrated compound.

TABLE 8 - SUMMARY OF METALs and PCBs IN SOIL
Remedial Investigation
Atlas Park
Glendale, NY

Boring ID	NYSDEC TAGM	B47(2-4)	B47(6-8)	B48(2-4)	DUP1	B48(8-10)	B49(2-4)	B49(12-15)	B50(3-5)	B50(6-8)	B51(2-4)
Depth (ft)	Recommended	2-4	6-8	2-4	B48(2-4)	8-10	2-4	12-15	3-5	6-8	2-4
Collection Date	Soil Cleanup	7/16/04	7/16/04	7/15/04	7/15/04	7/15/04	7/15/04	7/15/04	7/15/04	7/15/04	7/15/04
Matrix	Objective	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
µnits	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Lab Report ID		207141-4	207141-5	207141-2	207141-8	207141-3	207130-20	207141-1	207130-7	207130-8	207130-9
Analyte											
PCBs - EPA Method 8082											
Aroclor 1016	-	< 19	< 18	< 18	< 19	< 23	< 19	< 20	< 18	< 19	< 19
Aroclor 1221	-	< 36	< 35	< 35	< 37	< 44	< 37	< 39	< 35	< 38	< 36
Aroclor 1232	-	7.5 JM	< 18	< 18	< 19	< 23	< 19	< 20	< 18	< 19	< 19
Aroclor 1242	-	< 19	< 18	< 18	< 19	< 23	< 19	< 20	< 18	< 19	< 19
Aroclor 1248	-	< 19	< 18	< 18	< 19	< 23	< 19	< 20	< 18	< 19	< 19
Aroclor 1254	-	< 19	< 18	< 18	< 19	< 23	< 19	< 20	< 18	< 19	< 19
Aroclor 1260	-	< 19	< 18	14 JM	13 JM	27 M	< 19	16 JM	< 18	20 M	< 19
Total PCBs	10,000	7.5 JM	0	14 JM	13 JM	27 M	0	16 JM	0	20 M	0
Metals - EPA Method 7471A and 6010B											
Units	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**
Mercury	0.001 - 0.2	0.41 B	< 0.05	0.29	0.68	0.4	0.045 BN	1.8	< 0.057 N	0.017 BN	0.23 N
Aluminum	33000	6790	6860	6230	6330	6260	2470	5780	9190	9880	9860
Antimony	N/A	< 14.6 N	< 12.5 N	< 12.9 N	< 15.4 N	1.8 B,N	< 16.5 N	< 16.2 N	< 13.3 N	< 16 N	< 14.9 N
Arsenic	3 - 12	2.8 B	< 8.5	4.6 B	7.4 B	7.7 B	6 B	6.6 B	< 9.1	< 10.9	1.6 B
Barium	15 - 600	47.8	47	687	95.7	1260	198	128	50.2	72	72.4
Beryllium	0 - 1.75	< 2.5	< 2.1	< 2.2	< 2.6	< 2.3	< 2.8	< 2.8	< 2.3	< 2.7	< 2.5
Cadmium	0.1 - 1	< 3.7	< 3.2	< 3.3	< 4 4	1.4 B	< 4.2	< 4.1	< 3.4	< 4.1	< 3.8
Calcium	130 - 35000	2020	1540	6120	17200	14200	10400	11300	2490	2030	6730
Chromium	1.5 - 40	19.5 N	15 N	23.3 N	15.2 N	31.9 N	4.7	11.9 N	17.4	19.7	23
Cobalt	2.5 - 60	6.6	6.9	6.1	5.9	7.1	2.8 B*	7.8	8.5 *	13.4 *	7.2 *
Copper	1 - 50	21.1	22.6	126	41.4	870	21 N	51.6	80.5 N	19.6 N	19.7 N
Iron	2000 - 550000	13000	13500	17100	12100	26000	8470	15900	18400	16600	15200
Lead	200 - 500	9.4 B	4.3 B	406	63.5	921	23.1	80.9	8.7 B	9 B	19.6
Magnesium	100 - 5000	2910	3800	4200	2810	6940	939	2200	3540	4040	3270
Manganese	50 - 5000	309	327	346	494	350	63 *	943	448 *	254 *	1060 *
Nickel	0.5 - 25	14 *	15.9 *	15.3 *	12.8 *	19.7 *	7.6	12.2 *	12.9	15.2	15.7
Potassium	8500 - 43000	983	1310	846	805	626	349	620	958	910	938
Selenium	0.1 - 3.9	< 19.9	< 17	< 17.7	< 21.1	< 18.4	< 22.5	< 22.1	< 18.2	< 21.9	< 20.4
Silver	N/A	< 3.7	< 3.2	< 3.3	0.56 B	0.44 B	< 4.2	0.86 B	< 3.4	< 4.1	< 3.8
Sodium	6000 - 8000	119 N	153 N	224 N	524 N	303 N	168 N	360 N	102 BN	91.6 BN	206 N
Thallium	N/A	< 27.4 N	< 23.4 N	< 24.3 N	< 29 N	< 25.3 N	< 30.9	< 30.4 N	< 25	< 30.1	< 28
Vanadium	1 - 300	19.2	20	23.6	17	23.7	8.2	24.2	20.3	29.4	24.8
Zinc	9 - 50	37	28.1	647	67.3	2060	28.1	95.3	34.8	48.7	32

Notes:

N = Spiked sample recovery not within control limits.

* = Batch QC exceeds the upper or lower control limits

B = Result is less than the CRDL/ reporting limit and greater than or equal to the instrument detection limit.

J = Result is less than the reporting limit, but greater than or equal to the method detection limit.

M = Manually integrated compound.

TABLE 8 - SUMMARY C[illegible]ETALs and PCBs IN SOIL
Remedial Investigation
Atlas Park
Glendale, NY

Boring ID	NYSDEC TAGM	B51(6-8)	B52(1-3)	B52(4-6)	B53 (1-4)	B53 (7-9)	B-55(0.5-4.5)	B55(8-12)	B57(0-5)	B57(68-70)	DUP080604
Depth (ft)	Recommended	6-8	1-3	4-6	1-4	7-9	0.5-4.5	5-12	0-5	68-70	B57(68-70)
Collection Date	Soil Cleanup	7/15/04	7/15/04	7/15/04	7/15/04	7/15/04	8/12/04	8/12/04	7/22/04	8/6/04	8/6/04
Matrix	Objective	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
µnits	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Lab Report ID		207130-10	207130-11	207130-12	207130-13	207130-14	207346-6	207346-8	207193-6	207346-1	207346-2
Analyte											
PCBs - EPA Method 8082											
Aroclor 1016	-	< 19	< 20	< 20	< 18	< 18	< 20	< 21	< 21	< 18	< 18
Aroclor 1221	-	< 38	< 38	< 39	< 35	< 34	< 38	< 40	< 42	< 34	< 34
Aroclor 1232	-	< 19	< 20	< 20	< 18	< 18	< 20	< 21	< 21	< 18	< 18
Aroclor 1242	-	< 19	< 20	< 20	< 18	< 18	< 20	< 21	< 21	< 18	< 18
Aroclor 1248	-	< 19	< 20	< 20	< 18	< 18	< 20	< 21	< 21	< 18	< 18
Aroclor 1254	-	< 19	< 20	< 20	< 18	< 18	97 M	< 21	< 21	< 18	< 18
Aroclor 1260	-	< 19	< 20	< 20	< 18	< 18	29 M	< 21	< 21	< 18	< 18
Total PCBs	10,000	0	0	0	0	0	126 M	0	0	0	0
Metals - EPA Method 7471A and 6010B											
Units	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**
Mercury	0.001 - 0.2	0.016 BN	0.053 N	0.028 BN	0.13 N	< 0.043	0.23	< 0.059	2.6	< 0.048	< 0.038
Aluminum	33000	12800	20400	11100	11800	11100	4060	14400	8930	2490	2860
Antimony	N/A	< 15.1 N	< 14.7 N	< 13.1 N	< 15.3 N	< 14.6 N	< 11.8 N	< N	< 13.2 N	< 15 N	< 13.6 N
Arsenic	3 - 12	1.7 B	4.2 B	13.1 B	1.8 B	< 10	10.6	2.9 B	2.8 B,*	< 10.2	< 9.3
Barium	15 - 600	50.9	118	60.5	53.5	26	155 N	108 N	77.8	32.9	25.3
Beryllium	0 - 1.75	< 2.6	0.9 B	< 2.2	< 2.6	< 2.5	0.72 B	0.97 B	< 2.2	< 2.6	< 2.3
Cadmium	0.1 - 1	< 3.9	< 3.8	< 3.4	< 3.9	< 3.7	< ND U	<	< 3.4	< 3.8	< 3.5
Calcium	130 - 35000	896	1610	19000	2550	1820	3590 *	1800 *	3130 *	3150 *	3070 *
Chromium	1.5 - 40	21.9	13.7	21.3	21.8	17.1	9.7 N	34.7 N	13.2 *	8.1 *	8.1 *
Cobalt	2.5 - 60	6 *	29.7 *	9.9 *	8.1 *	5.6 *	6.4	13.5	4.5	3.4	3.5
Copper	1 - 50	7.1 N	210 N	51.5 N	20.7 N	16.4 N	188	27.9	26.5 *	9.9 *N	9.8 *N
Iron	2000 - 550000	17600	56800	22600	15800	9630	13000	28700	12100 *	9100	9560
Lead	200 - 500	9.2 B	13.1	9.8 B	22.2	5.2 B	209	10.3	86.6 *	2.3 B,*	2 B*
Magnesium	100 - 5000	2270	3110	2620	3370	8320	1060 *	5250 *	1680	2710 *	2880 *
Manganese	50 - 5000	302 *	737 *	398 *	364 *	316 *	205	586	402 *	143 *	140 *
Nickel	0.5 - 25	10.8	13.6	12.3	16.3	20.6	15.9	25.6	9.6	11 *N	8.5 *N
Potassium	8500 - 43000	405	1690	1110	783	632	327	2230	859 N	447 N	614 N
Selenium	0.1 - 3.9	< 20.6	< 20	< 18	< 20.9	< 19.9	< 16.1	<	< 18	< 20.5	< 18.6
Silver	N/A	< 121	< 3.8	< 3.4	< 3.9	< 3.7	< 3	<	< 3.4	< 3.8	< 3.5
Sodium	6000 - 8000	86.3 BN	127 N	197 N	121 BN	120 N	326 N	110 N	364 *	74.9 BN	103 BN
Thallium	N/A	< 28.4	< 27.6	< 24.7	< 28.7	< 27.4	< 22.2	<	< 24.8	< 28.2	< 25.5
Vanadium	1 - 300	29.1	72.7	31.7	28.6	18.7	20 N	40.1 N	18.5 N	10.4 *	11.4 *
Zinc	9 - 50	36.8	58.3	30.7	76.3	25.3	261	64.9	382	16.4 BN	17.4 BN

Notes:

N = Spiked sample recovery not within control limits.

* = Batch QC exceeds the upper or lower control limits

B = Result is less than the CRDL/ reporting limit and greater than or equal to the instrument detection limit.

J = Result is less than the reporting limit, but greater than or equal to the method detection limit.

M = Manually integrated compound.

TABLE 8 - SUMMARY O[illegible]ETALs and PCBs IN SOIL
Remedial Investigation
Atlas Park
Glendale, NY

Boring ID	NYSDEC TAGM	B58(0-5)		B58(18-21)		B58(73-75)		B59(3-5)		B59(6-8)	
Depth (ft)	Recommended	0-5		18-21		73-75		3-5		6-8	
Collection Date	Soil Cleanup	7/22/04		7/22/04		8/2/04		7/16/04		7/16/04	
Matrix	Objective	Soil		Soil		Soil		Soil		Soil	
µnits	µg/kg	µg/kg		µg/kg		µg/kg		µg/kg		µg/kg	
Lab Report ID		207193-7		207193-8		207240-4		207141-6		207141-7	
Analyte											
PCBs - EPA Method 8082											
Aroclor 1016	-	< 21		< 21		< 17		< 18		< 19	
Aroclor 1221	-	< 42		< 40		< 34		< 35		< 36	
Aroclor 1232	-	< 21		< 21		< 17		< 18		< 19	
Aroclor 1242	-	< 21		< 21		< 17		< 18		< 19	
Aroclor 1248	-	< 21		< 21		< 17		< 18		< 19	
Aroclor 1254	-	< 21		< 21		< 17		< 18		< 19	
Aroclor 1260	-	< 21		< 21		< 17		< 18		< 19	
Total PCBs	10,000	0		0		0		0		0	
Metals - EPA Method 7471A and 6010B											
Units	mg/kg	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
Mercury	0.001 - 0.2	0.13		0.13		< 0.043		0.033	B	< 0.047	
Aluminum	33000	9090		8320		1750		9090		6490	
Antimony	N/A	< 12.9	N	< 11	N	< 13.1	N	< 15.5	N	< 14.6	N
Arsenic	3 - 12	2.7	B,*	3.1	B,*	< 8.9		4.4	B	1.6	B
Barium	15 - 600	71.6		56		19.2	*	65.1		41.5	
Beryllium	0 - 1.75	0.61	B	< 1.9		< 2.2		< 2.7		< 2.5	
Cadmium	0.1 - 1	< 3.3		< 2.8		< 3.4		< 4		< 3.7	
Calcium	130 - 35000	4550	*	2720	*	971	*	12500		4430	
Chromium	1.5 - 40	19.4	*	15.7	*	5.8		18	N	19.7	N
Cobalt	2.5 - 60	9.7		5.8		2.6		7.9		6.2	
Copper	1 - 50	94.6	*	45.4	*	6.8	*N	17.8		16	
Iron	2000 - 550000	16900	*	13300	*	8280		20100		12300	
Lead	200 - 500	86.1	*	52.3	*	1.6	B	12.6		4.7	B
Magnesium	100 - 5000	3060		2630		1040		3780		2570	
Manganese	50 - 5000	296	*	291	*	177		415		388	
Nickel	0.5 - 25	20.7		12.3		5.5	B	17.1	*	11.7	*
Potassium	8500 - 43000	955	N	692	N	211	B,*	831		718	
Selenium	0.1 - 3.9	< 17.6		< 15		< 17.9		< 21.3		< 19.9	
Silver	N/A	< 3.3		< 2.8		< 3.4		< 4		< 3.7	
Sodium	6000 - 8000	571	*	275	*	68	B	179	N	73	B,N
Thallium	N/A	< 24.3		< 20.7		< 24.6		< 29.2	N	< 27.4	N
Vanadium	1 - 300	22.2	N	19.3	N	10.3	*	17.6		18.8	
Zinc	9 - 50	601		70.1		12.2	B,*	43.1		25.2	

Notes:
N = Spiked sample recovery not within control limits.
* = Batch QC exceeds the upper or lower control limits
B = Result is less than the CRDL/ reporting limit and greater than or equal to the instrument detection limit.
J = Result is less than the reporting limit, but greater than or equal to the method detection limit.
M = Manually integrated compound.

TABLE 9 - SUMMARY OF PESTICIDES AND HERBICIDES IN SOIL
Remedial Investigation
Atlas Park
Glendale, NY

Boring ID Depth (ft) Collection Date Matrix µnits Lab Report ID Analyte	NYSDEC TAGM Recommended Soil Cleanup Objective µg/kg	B16(1-3) 1-3 7/21/04 Soil µg/kg 207193-1	B20(1-5) 1-5 7/28/04 Soil µg/kg 207240-1	B20(1-5)[1] 1-5 7/28/04 Soil µg/kg 207240-1	B47(2-4) 2-4 7/16/04 Soil µg/kg 207141-4	B48(2-4) 2-4 7/15/04 Soil µg/kg 207141-2	DUP1 B48(2-4) 7/15/04 Soil µg/kg 207141-8	B59(3-5) 3-5 7/16/04 Soil µg/kg 207141-6	B10(2-4) 2-4 7/14/04 Soil µg/kg 207130-1	B45(2-4) 2-4 7/16/04 Soil µg/kg 207130-15
Pesticides										
alpha-BHC	110	< 0.36	< 0.32	< 0.32	< 1.8	0.45 J	< 1.9	< 1.8	< 2	< 1.8
beta-BHC	200	< 0.35	< 0.31	< 0.31	< 1.8	0.76 J	< 1.9	< 1.8	< 2	< 1.8
delta-BHC	300	< 0.14	< 0.12	< 0.12	< 1.8	2.6	1.4 J	< 1.8	< 2	< 1.8
gamma-BHC (Lindane)	60	< 0.2	< 0.18	< 0.18	< 1.8	< 1.8	< 1.9	< 1.8	< 2	< 1.8
Heptachlor	100	< 0.2	< 0.18	0.22 J	< 1.8	< 1.8	< 1.9	< 1.8	< 2	< 1.8
Aldrin	41	< 0.47	< 0.42	< 0.42	< 2.2	< 2.1	< 2.2	< 2.1	< 2.4	< 2.2
Heptachlor epoxide	20	0.79 J	< 0.13	< 0.13	0.41 J	3.9	0.65 J	< 1.8	< 2	0.76 J
Endosulfan I	900	< 0.19	< 0.17	< 0.17	< 1.8	< 1.8	< 1.9	< 1.8	< 2	< 1.8
Dieldrin	44	< 0.42	< 0.38	< 0.38	< 3.6	3.7	< 3.7	< 3.5	< 4	< 3.6
4 4'-DDE	2,100	< 0.57	1.1 J	< 0.51	< 3.6	< 3.5	< 3.7	< 3.5	2.8 J	< 3.6
Endrin	100	< 1.2	< 1	< 1	< 5.4	< 5.3	< 5.6	< 5.3	< 6	< 5.4
Endosulfan II	900	2.1 J	< 0.2	< 0.2	< 3.6	4.4	1.8 J	0.22 J	< 4	1.3 J
4 4'-DDD	2,900	< 0.5	< 0.45	< 0.45	< 3.6	< 3.5	< 3.7	< 3.5	< 4	0.63 J
Endosulfan sulfate	1,000	9.5	0.53 J	0.3 J	< 3.6	7.1	2 J	< 3.5	0.52 J	< 3.6
4 4'-DDT	2,100	< 0.41	< 0.36	< 0.36	< 3.6	< 3.5	1.6 J	< 3.5	< 4	< 3.6
Methoxychlor	-	< 2.8	< 2.5	< 2.5	< 18	< 18	< 19	< 18	2.7 J	< 18
alpha-Chlordane	540	< 0.14	< 0.13	0.36 J	0.19 J	< 1.8	< 1.9	< 1.8	< 2	< 1.8
gamma-Chlordane	540	< 0.12	< 0.11	< 0.11	< 1.8	< 1.8	< 1.9	< 1.8	0.22 J	< 1.8
Toxaphene	-	< 6.4	< 5.6	< 5.6	< 73	< 71	< 75	< 71	< 80	< 72
Endrin aldehyde	-	< 0.42	< 0.38	< 0.38	< 3.6	< 3.5	< 3.7	< 3.5	< 4	< 3.6
Endrin ketone	-	< 0.19	< 0.17	< 0.17	< 3.6	6.9	< 3.7	< 3.5	< 4	< 3.6
Herbicides										
2,4,5-TP (Silvex)	700	< 5.9	< 25	NA	< 22	< 24	< 22	< 22	< 24	< 22
2,4,5-T	1900	< 6	< 6	NA	< 22	< 24	< 88	< 22	< 24	< 22
2,4-D	500	< 24	< 6.1	NA	< 88	< 95	< 22	< 86	< 97	< 88

Notes:
(1) Sample re-extraction and reanalysis results.
N = Spiked sample recovery not within control limits.
* = Batch QC exceeds the upper or lower control limits.
B = Result is less than the CRDL/ reporting limit and greater than or equal to the instrument.
J = Result is less than the reporting limit, but greater than or equal to the method detection limited.
M = Manually integrated compound.
NA = Not applicable.

TABLE 9 - SUMMARY OF PESTICIDES AND HERBICIDES IN SOIL
Remedial Investigation
Atlas Park
Glendale, NY

Boring ID Depth (ft) Collection Date Matrix µnits Lab Report ID Analyte	NYSDEC TAGM Recommended Soil Cleanup Objective µg/kg	B46(4-6) 4-6 7/16/04 Soil µg/kg 207130-17	B49(2-4) 2-4 7/15/04 Soil µg/kg 207130-20	B50(3-5) 3-5 7/15/04 Soil µg/kg 207130-7	B51(2-4) 2-4 7/15/04 Soil µg/kg 207130-9	B52(1-3) 1-3 7/15/04 Soil µg/kg 207130-11	B53(1-4) 1-4 7/15/04 Soil µg/kg 207130-13	B7(2-4) 2-4 7/14/04 Soil µg/kg 207130-5	B9(1-3) 1-3 7/16/04 Soil µg/kg 207130-19	B9(3-5) 3-5 7/14/04 Soil µg/kg 207130-3
Pesticides										
alpha-BHC	110	< 1.9	< 1.9	< 1.8	< 1.9	< 2	< 1.8	< 1.9	< 2	< 1.8
beta-BHC	200	< 1.9	< 1.9	< 1.8	< 1.9	< 2	< 1.8	< 1.9	< 2	< 1.8
delta-BHC	300	< 1.9	< 1.9	< 1.8	< 1.9	< 2	< 1.8	< 1.9	< 2	< 1.8
gamma-BHC (Lindane)	60	< 1.9	< 1.9	< 1.8	< 1.9	< 2	< 1.8	< 1.9	< 2	< 1.8
Heptachlor	100	< 1.9	< 1.9	< 1.8	< 1.9	< 2	< 1.8	< 1.9	< 2	< 1.8
Aldrin	41	< 2.2	< 2.2	< 2.1	< 2.2	< 2.3	< 2.1	< 2.2	< 2.3	< 2.1
Heptachlor epoxide	20	0.47 J	< 1.9	< 1.8	2.5	< 2	< 1.8	< 1.9	2.3	< 1.8
Endosulfan I	900	< 1.9	< 1.9	< 1.8	< 1.9	< 2	< 1.8	< 1.9	< 2	< 1.8
Dieldrin	44	< 3.7	< 3.7	< 3.5	< 3.6	< 3.8	< 3.5	< 3.6	< 3.8	< 3.5
4 4'-DDE	2,100	< 3.7	< 3.7	0.87 J	48	< 3.8	< 3.5	< 3.6	4.4	< 3.5
Endrin	100	< 5.6	< 5.6	< 5.3	< 5.4	< 5.8	< 5.3	< 5.5	< 5.8	< 5.3
Endosulfan II	900	< 3.7	< 3.7	< 3.5	< 3.6	< 3.8	< 3.5	< 3.6	2.6 J	< 3.5
4 4'-DDD	2,900	< 3.7	< 3.7	< 3.5	< 3.6	< 3.8	< 3.5	< 3.6	< 3.8	< 3.5
Endosulfan sulfate	1,000	< 3.7	< 3.7	0.29 J	< 3.6	< 3.8	2.2 J	< 3.6	2.5 J	< 3.5
4 4'-DDT	2,100	< 3.7	< 3.7	< 3.5	< 3.6	< 3.8	< 3.5	< 3.6	7.7	< 3.5
Methoxychlor	-	< 19	< 19	< 18	97	< 20	< 18	3.5 J	< 20	< 18
alpha-Chlordane	540	< 1.9	< 1.9	< 1.8	< 1.9	< 2	< 1.8	< 1.9	< 2	< 1.8
gamma-Chlordane	540	< 1.9	< 1.9	< 1.8	< 1.9	< 2	< 1.8	< 1.9	< 2	< 1.8
Toxaphene	-	< 75	< 75	< 70	< 73	< 77	< 71	< 73	< 78	< 71
Endrin aldehyde	-	< 3.7	< 3.7	< 3.5	< 3.6	< 3.8	< 3.5	< 3.6	< 3.8	< 3.5
Endrin ketone	-	1.6 J	< 3.7	< 3.5	< 3.6	< 3.8	< 3.5	< 3.6	< 3.8	< 3.5
Herbicides										
2,4,5-TP (Silvex)	700	< 23	< 22	< 21	< 23	< 23	< 22	< 24	< 23	< 22
2,4,5-T	1900	< 23	< 22	< 21	< 23	< 23	< 22	< 24	< 23	< 22
2,4-D	500	< 91	< 90	< 85	< 90	< 91	< 88	< 96	< 93	< 87

Notes:
(1) Sample re-extraction and reanalysis results.
N = Spiked sample recovery not within control limits.
* = Batch QC exceeds the upper or lower control limits.
B = Result is less than the CRDL/ reporting limit and greater than or equal to the instrument.
J = Result is less than the reporting limit, but greater than or equal to the method detection limited.
M = Manually integrated compound.
NA = Not applicable.

TABLE 9 - SUMMARY OF PEST DES AND HERBICIDES IN SOIL
Remedial estigation
Atlas Park
Glendale, NY

Boring ID Depth (ft) Collection Date Matrix µnits Lab Report ID Analyte	NYSDEC TAGM Recommended Soil Cleanup Objective µg/kg	B16(1-3) 1-3 7/21/04 Soil µg/kg 207193-1	B38(1-3) 1-3 7/19/04 Soil µg/kg 207193-3	B57(0-5) 0-5 7/22/04 Soil µg/kg 207193-6	B58(0-5) 0-5 7/22/04 Soil µg/kg 207193-7	B20(1-5) 1-5 7/28/04 Soil µg/kg 207240-1	B20(1-5)[1] 1-5 7/28/04 Soil µg/kg 207240-1	B55(0.5-2.5) 0.5-2.5 8/11/04 Soil µg/kg 207346-2	B6(2-4) 2-4 8/9/04 Soil µg/kg 207346-4
Pesticides									
alpha-BHC	110	< 2.2	< 2.2	< 2.1	< 2.1	< 2	< 2	< 2	< 1.9
beta-BHC	200	< 2.2	< 2.2	1.3 J	< 2.1	< 2	< 2	< 2	< 1.9
delta-BHC	300	< 2.2	< 2.2	0.2 J	< 2.1	< 2	< 2	< 2	1.8 J
gamma-BHC (Lindane)	60	< 2.2	< 2.2	< 2.1	< 2.1	< 2	< 2	< 2	< 1.9
Heptachlor	100	< 2.2	< 2.2	< 2.1	< 2.1	< 2	0.22 J	< 2	< 1.9
Aldrin	41	< 2.6	< 2.5	< 2.5	< 2.5	< 2.3	< 2.3	< 2.4	< 2.3
Heptachlor epoxide	20	0.79 J	2.2	4.4	1.1 J	< 2	< 2	3.4	0.2 J
Endosulfan I	900	< 2.2	< 2.2	< 2.1	< 2.1	< 2	< 2	< 2	< 1.9
Dieldrin	44	< 4.3	< 4.2	< 4.2	< 4.2	< 3.9	< 3.9	< 3.9	< 3.7
4 4'-DDE	2,100	< 4.3	< 4.2	< 4.2	< 4.2	1.1 J	< 3.9	7.4	< 3.7
Endrin	100	< 6.6	< 6.3	< 6.3	< 6.3	< 5.8	< 5.8	< 5.9	< 5.6
Endosulfan II	900	2.1 J	2.8 J	3.7 J	< 4.2	< 3.9	< 3.9	< 3.9	< 3.7
4 4'-DDD	2,900	< 4.3	< 4.2	< 4.2	3 J	< 3.9	< 3.9	< 3.9	< 3.7
Endosulfan sulfate	1,000	9.5	4.9	9.9	2.2 J	0.53 J	0.3 J	6.1	0.64 J
4 4'-DDT	2,100	< 4.3	< 4.2	< 4.2	3.1 J	< 3.9	< 3.9	10 M	< 3.7
Methoxychlor	-	< 22	< 22	< 21	< 21	< 20	< 20	33	2.8 J
alpha-Chlordane	540	< 2.2	< 2.2	< 2.1	< 2.1	< 2	0.36 J	< 2	< 1.9
gamma-Chlordane	540	< 2.2	< 2.2	< 2.1	< 2.1	< 2	< 2	< 2	< 1.9
Toxaphene	-	< 88	< 85	< 84	< 85	< 78	< 78	< 79	< 75
Endrin aldehyde	-	< 4.3	< 4.2	< 4.2	< 4.2	< 3.9	< 3.9	< 3.9	< 3.7
Endrin ketone	-	< 4.3	< 4.2	< 4.2	2.3 J	< 3.9	< 3.9	< 3.9	< 3.7
Herbicides									
2,4,5-TP (Silvex)	700	< 23	< 99	< 23	< 24	< 24	NA	< 23	< 21
2,4,5-T	1900	< 23	< 25	< 23	< 24	< 24	NA	< 23	< 21
2,4-D	500	< 93	< 25	< 92	< 97	< 95	NA	< 92	< 86

Notes:
(1) Sample re-extraction and reanalysis results.
N = Spiked sample recovery not within control limits.
* = Batch QC exceeds the upper or lower control limits.
B = Result is less than the CRDL/ reporting limit and greater than or equal to the instrument.
J = Result is less than the reporting limit, but greater than or equal to the method detection limited.
M = Manually integrated compound.
NA = Not applicable.

TABLE 10 - SUMMARY OF TAGM EXCEEDANCES IN SOIL
Remedial Investigation
Alas Park
Glendale, NY

Boring ID	NYSDEC TAGM Recommended Soil Cleanup Objective µg/kg	B6(2-4)	B6(59-61)	B7(2-4)	B7(7-9)	B9(1-3)	B9(3-5)	B9(8-10)	B10(2-4)	B10(8-10)	B10(19-23)
Depth (ft)		2-4	59-61	2-4	7-9	1-3	3-5	8-10	2-4	8-10	19-23
Collection Date		8/9/04	8/10/04	7/14/04	7/14/04	7/16/04	7/14/04	7/14/04	7/14/04	7/14/04	7/14/04
Matrix		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	soil
Units		µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Lab Report ID		207346	207346	207130-5	207130-6	207130-19	207130-3	207130-4	207130-1	207130-2	207272-001
SVOCs - EPA Method 8270 (ug/kg)											
Benzo(a)anthracene	224 or MDL	130 J	< 330	50 J	< 360	200 J	< 350	< 360	< 390	61 J	< 1400 M
Benzo(a)pyrene	61 or MDL	140 J	< 330	47 J	< 360	180 J	< 350	< 360	< 390	53 J	< 1400
Benzo(b)fluoranthene	220 or MDL	190 J	< 330	< 350	< 360	170 J,M	< 350	< 360	< 390	< 390	< 1400
Benzo(k)fluoranthene	220 or MDL	< 370	< 330	40 J	< 360	200 J,M	< 350	< 360	< 390	49 J	< 1400
Chrysene	400	150 J	< 330	52 J	< 360	220 J	< 350	< 360	< 390	69 J	600 J
Dibenzo(a,h)anthracene	14 or MDL	< 370	< 330	< 350	< 360	< 380	< 350	< 360	< 390	< 390	< 1400
Fluoranthene	50,000	260 J	< 330	83 J	< 360	280 J	< 350	< 360	< 390	85 J	< 1400 H
Indeno(1,2,3-cd)pyrene	3,200	67 J	< 330	< 350	< 360	100 J	< 350	< 360	< 390	< 390	< 1400
Phenanthrene	50,000	15 J	< 330	< 350	< 360	140 J	< 350	49 J	< 390	46 J	3100
Metals - EPA Method 7471A and 6010B											
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Mercury	0.001 - 0.2	0.015 B	< 0.038	0.02 N	< 0.043 N	0.04 N	0.04 BN	< 0.052 N	0.08 N	0.051 N	0.017 B
Arsenic	3 - 12	1.7 B	< 8.5	2.4 B	< 10.5	8 B	1.6 B	< 9.5	6.9 B	14.4	< 10.3 *
Barium	15 - 600	39.8	17.2	57	44.1	89.3	48.3	51	94.8	95.1	48
Cadmium	0.1 - 1	< 3.6	< 3.2	< 3.4	3.9	< 4.2	< 3.7	< 3.6	< 4.3	< 4.2	< 3.8
Copper	1 - 50	23.4 *N	7.3 *N	19.8 N	19.4 N	62 N	11.1 N	23.4 N	28.2 N	30.5 N	21.6 *
Lead	200 - 500	9.5 B,*	1.4 B*	32.9	4.7 B	96.9	9 B	7.4 B	75.8	65.6	6.6 B*
Magnesium	100 - 5000	3150 *	1450 *	2110	3010	2280	2820	3310	2140	2030	2980
Nickel	0.5 - 25	13.7 *N	4.2 B*N	13.2	16.4	16.3	13.5	19.2	12.3	10.2	16.8
Zinc	9 - 50	34.5 N	10 BN	33.9	26.2	90	46.4	43.4	67.2	38.3	46.9

NOTES:

No exceedances of Pesticides, Herbicides or VOCs

B = Analyte found in the blank and the sample.
J = Result is an estimated value below the reporting limit or a tentatively identified compound (TIC).
M = Manually integrated compound.
H = Alternate peak selection upon analytical review.
N = MS,MSD: Spike recovery exceeds the upper or lower control limits
* = Batch QC exceeds the upper or lower control limits
µg/kg = micrograms per kilogram

TABLE 10 - SUMMARY OF TAGM EXCEEDANCES IN SOIL
Remedial Investigation
Atlas Park
Glendale, NY

Boring ID	NYSDEC TAGM Recommended Soil Cleanup Objective	B16(5-7)	B20(1-5)	B20(7-9)	B20(52-54)	B38(5-7)	B38(57-58)	B45(2-4)	B45(5-7)	B46(4-6)	B46(6-8)
Depth (ft)		5-7	1-5	7-9	52-54	5-7	57-58	2-4	5-7	4-6	6-8
Collection Date		7/21/04	7/28/04	7/28/04	7/29/04	7/19/04	7/19/04	7/16/04	7/16/04	7/16/04	7/16/04
Matrix		Soil	soil	soil	soil	Soil	Soil	Soil	Soil	Soil	Soil
Units	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Lab Report ID		207193-2	207240-1	207240-2	207240-3	207193-4	207193-5	207130-15	207130-16	207130-17	207130-18
SVOCs - EPA Method 8270 (ug/kg)											
Benzo(a)anthracene	224 or MDL	< 370	< 1500	< 1500	< 330	< 380	< 360	260 J	330	150 J	80 J
Benzo(a)pyrene	61 or MDL	< 370	< 1500	< 1500	< 330	< 380	< 360	430	510	180 J	80 J
Benzo(b)fluoranthene	220 or MDL	< 370	< 1500	< 1500	< 330	< 380	< 360	520 J,M	850 M	230 J,M	< 370
Benzo(k)fluoranthene	220 or MDL	< 370	< 1500	< 1500	< 330	< 380	< 360	440 M	850 M	150 J,M	100 J,M
Chrysene	400	< 370	< 1500	< 1500	< 330	< 380	< 360	320 J	510	180 J	92 J
Dibenzo(a,h)anthracene	14 or MDL	< 370	< 1500	< 1500	< 330	< 380	< 360	524 J,M	95 J,M	< 370	< 370
Fluoranthene	50,000	< 370	< 1500	< 1500	< 330	< 380	< 360	620	850	340 J	150 J
Indeno(1,2,3-cd)pyrene	3,200	< 370	< 1500	< 1500	< 330	< 380	< 360	430	930	150 J	78 J
Phenanthrene	50,000	< 370	< 1500	< 1500	< 330	< 380	< 360	260 J	270 J	160 J	64 J
Metals - EPA Method 7471A and 6010B											
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Mercury	0.001 - 0.2	< 0.043 N	0.1	0.029 B	0.027 B	0.032 B	< 0.038	0.210 N	0.190 N	0.180 N	0.049 N
Arsenic	3 - 12	< 10.5	2.5 B	2.7 B	1.8 B	2.1 B,*	< 10.3 *	2.8 B	2.6 B	4.4 B	2.4 B
Barium	15 - 600	26	69.8	44.4	42.1	64.7	22.3	66.7	81	82.1	67.1
Cadmium	0.1 - 1	< 3.9	< 3.9	< 3.2	< 3.2	< 3.5	< 3.9	< 3.9	< 3.7	< 3.7	< 3.5
Copper	1 - 50	8.3 N	16 *	11.5 *	10.9 *	23.9 *	7.5 *	31.1 N	25.8 N	29.5 N	22.7 N
Lead	200 - 500	1.9 B	34.6	8.1 B	7.8 B	7.9 B,*	1.6 B,*	39.7	33.8	48.8	37.8
Magnesium	100 - 5000	3210	2270	2610	2380	3540	2780	2360	2330	3570	3200
Nickel	0.5 - 25	6.2 B	11.4	13.7	12	13.4	6.5	13.9	13.2	14.8	12.2
Zinc	9 - 50	13.1 B	36.7 *	33.5 *	28.5 *	50.1	12.8 B	40.4	42.5	701	589

NOTES:

No exceedances of Pesticides, Herbicides or VOCs

B = Analyte found in the blank and the sample.
J = Result is an estimated value below the reporti limit or a tentatively identified compound (TIC).
M = Manually integrated compound.
H = Alternate peak selection upon analytical revie
N = MS,MSD: Spike recovery exceeds the upper or lower control limits
* = Batch QC exceeds the upper or lower control limits
µg/kg = micrograms per kilogram

TABLE 10 - SUMMARY OF TAGM EXCEEDANCES IN SOIL
Remedial Investigation
Atlas Park
Glendale, NY

Boring ID Depth (ft) Collection Date Matrix Units Lab Report ID	NYSDEC TAGM Recommended Soil Cleanup Objective µg/kg	B47(2-4) 2-4 7/16/04 Soil µg/kg 207141-4	B47(6-8) 6-8 7/16/04 Soil µg/kg 207141-5	B48(2-4) 2-4 7/15/04 Soil µg/kg 207141-2	DUP1 B48(2-4) 7/15/04 Soil µg/kg 207141-8	B48(8-10) 8-10 7/15/04 Soil µg/kg 207141-3	B49(2-4) 2-4 7/15/04 Soil µg/kg 207130-20	B49(12-15) 12-15 7/15/04 soil µg/kg 207141-001	B50(3-5) 3-5 7/15/04 Soil µg/kg 207130-7	B50(6-8) 6-8 7/15/04 Soil µg/kg 207130-8
SVOCs - EPA Method 8270 (ug/kg)										
Benzo(a)anthracene	224 or MDL	< 350	< 350	1870	150 J	1700	< 370	56 J	50 J	< 370
Benzo(a)pyrene	61 or MDL	< 350	< 350	890	130 J	1600 H	< 370	54 J	47 J	< 370
Benzo(b)fluoranthene	220 or MDL	< 350	< 350	850	260 J,M	2700	< 370	< 380	< 340	< 370
Benzo(k)fluoranthene	220 or MDL	< 350	< 350	860 H	< 370	< 890	< 370	53 JM	< 340	< 370
Chrysene	400	< 350	< 350	930	160 J	2200	< 370	67 J	52 J,M	< 370
Dibenzo(a,h)anthracene	14 or MDL	< 350	< 350	240 J,M	< 370	260 J	< 370	< 380	< 340	< 370
Fluoranthene	50,000	< 350	< 350	1700	250 J	3700	< 370	100 J	110 J	< 370
Indeno(1,2,3-cd)pyrene	3,200	< 350	< 350	570	77 J	550 J	< 370	< 380	< 340	< 370
Phenanthrene	50,000	< 350	< 350	1500 H	180 J	2600	57 J	92 J	47 J	< 370
Metals - EPA Method 7471A and 6010B										
Units	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**
Mercury	0.001 - 0.2	20.1 EN	< 0.05	0.29	0.68	0.4	0.045 BN	1.8	< 0.057 N	0.017 BN
Arsenic	3 - 12	2.8 B	< 8.5	4.6 B	7.4 B	7.7 B	6 B	6.6 B	< 9.1	< 10.9
Barium	15 - 600	47.8	47	657	95.7	1260	198	128	50.2	72
Cadmium	0.1 - 1	< 3.7	< 3.2	< 3.3	< 4 4	1.49 B	< 4.2	< 4.1	< 3.4	< 4.1
Copper	1 - 50	21.1	22.6	126	41.4	870	21 N	51.6 N	80.5 N	19.6 N
Lead	200 - 500	9.4 B	4.3 B	406	63.5	927	23.1	80.9	8.7 B	9 B
Magnesium	100 - 5000	2910	3800	4200	2810	6940	939	2200	3540	4040
Nickel	0.5 - 25	14 *	15.9 *	15.3 *	12.8 *	19.7 *	7.6	12.2 *	12.9	15.2
Zinc	9 - 50	37	28.1	647	673	2080	28.1	353	34.8	48.7

NOTES:

No exceedances of Pesticides, Herbicides or VOCs

B = Analyte found in the blank and the sample.
J = Result is an estimated value below the reporti limit or a tentatively identified compound (TIC).
M = Manually integrated compound.
H = Alternate peak selection upon analytical revie
N = MS,MSD: Spike recovery exceeds the upper or lower control limits
* = Batch QC exceeds the upper or lower control limits
µg/kg = micrograms per kilogram

TABLE 10 - SUMMARY OF TAGM EXCEEDANCES IN SOIL
Remedial Investigation
Atlas Park
Glendale, NY

Boring ID	NYSDEC TAGM Recommended Soil Cleanup Objective	B51(2-4)	B51(6-8)	B52(1-3)	B52(4-6)	B53(1-4)	B53(7-9)	B55(0.5-4.5)	B55(8-12)	B57(0-5)	B57(68-70)	DUP080604
Depth (ft)		2-4	6-8	1-3	4-6	1-4	7-9	0.5-4.5	7-12	0-5	68-70	B57(68-70)
Collection Date		7/15/04	7/15/04	7/15/04	7/15/04	7/15/04	7/15/04	8/12/04	8/12/04	7/22/04	8/6/04	8/6/04
Matrix		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Units	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Lab Report ID		207130-9	207130-10	207130-11	207130-12	207130-13	207130-14	207346-7	207346	207193-6	207346-1	207346-2
SVOCs - EPA Method 8270 (ug/kg)												
Benzo(a)anthracene	224 or MDL	24000	160 J	< 370	< 380	< 350	< 340	1300	< 410	1600	< 330	< 340
Benzo(a)pyrene	61 or MDL	16000	85 J	< 370	< 380	< 350	< 340	1500	< 410	800	< 330	< 340
Benzo(b)fluoranthene	220 or MDL	13000 M	270 J	< 370	< 380	< 350	< 340	1500	< 410	1100 M	< 330	< 340
Benzo(k)fluoranthene	220 or MDL	13000 M	< 380	< 370	< 380	< 350	< 340	1200	< 410	< 840	< 330	< 340
Chrysene	400	28000	160 J	< 370	< 380	< 350	< 340	1700	< 410	1900	< 330	< 340
Dibenzo(a,h)anthracene	14 or MDL	4300 J	< 380	< 370	< 380	< 350	< 340	430 J	< 410	410 J	< 330	< 340
Fluoranthene	50,000	68000	330 J	< 370	< 380	< 350	< 340	1500	< 410	3600	< 330	< 340
Indeno(1,2,3-cd)pyrene	3,200	15000 J	78 J,M	< 370	< 380	< 350	< 340	1200	< 410	870	< 330	< 340
Phenanthrene	50,000	46000	61 J	< 370	< 380	< 350	< 340	660 J	< 410	2300	< 330	< 340
Metals - EPA Method 7471A and 6010B												
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Mercury	0.001 - 0.2	0.23 N	0.016 BN	0.053 N	0.028 BN	0.13 N	< 0.043	0.23	< 0.059	2.6	< 0.048	< 0.038
Arsenic	3 - 12	1.6 B	1.7 B	4.2 B	13.1 B	1.8 B	< 10	10.6	2.9 B	2.8 B,*	< 10.2	< 9.3
Barium	15 - 600	72.4	50.9	118	60.5	53.5	26	155 N	108 N	77.8	32.9	25.3
Cadmium	0.1 - 1	< 3.8	< 3.9	< 3.8	< 3.4	< 3.9	< 3.7	< ND U	<	< 3.4	< 3.8	< 3.5
Copper	1 - 50	19.7 N	7.1 N	210 N	515 N	20.7 N	16.4 N	138	27.9	26.6 *	9.9 *N	9.8 *N
Lead	200 - 500	19.6	9.2 B	13.1	9.8 B	22.2	5.2 B	209	10.3	86.6 *	2.3 B,*	2 B*
Magnesium	100 - 5000	3270	2270	3110	2620	3370	8320	1060 *	5250 *	1680	2710 *	2880 *
Nickel	0.5 - 25	15.7	10.8	13.6	12.3	16.3	20.6	15.9	25.6	9.6	11 *N	8.5 *N
Zinc	9 - 50	32	36.8	683	30.7	76.5	25.3	28.1	43.9	32.2	16.4 BN	17.4 BN

NOTES:

No exceedances of Pesticides, Herbicides or VOCs

B = Analyte found in the blank and the sample.
J = Result is an estimated value below the reporti limit or a tentatively identified compound (TIC).
M = Manually integrated compound.
H = Alternate peak selection upon analytical revie
N = MS,MSD: Spike recovery exceeds the upper or lower control limits
* = Batch QC exceeds the upper or lower control limits
µg/kg = micrograms per kilogram

TABLE 10 - SUMMARY OF TAGM EXCEEDANCES IN SOIL
Remedial Investigation
Atlas Park
Glendale, NY

Boring ID	NYSDEC TAGM Recommended Soil Cleanup Objective	B58(0-5)	B58(18-21)	B58(73-75)	B59(3-5)	B59(6-8)
Depth (ft)		0-5	18-21	73-75	3-5	6-8
Collection Date		7/22/04	7/22/04	8/2/04	7/16/04	7/16/04
Matrix		Soil	Soil	Soil	Soil	Soil
Units	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Lab Report ID		207193-7	207193-8	207240-4	207141-6	207141-7
SVOCs - EPA Method 8270 (ug/kg)						
Benzo(a)anthracene	224 or MDL	240 J	170 J	< 340	< 350	< 350
Benzo(a)pyrene	61 or MDL	350 J	220 J	< 340	< 350	< 350
Benzo(b)fluoranthene	220 or MDL	300 J	250 J,M	< 340	< 350	< 350
Benzo(k)fluoranthene	220 or MDL	290 J	160 J,M	< 340	< 350	< 350
Chrysene	400	280 J	180 J	< 340	< 350	< 350
Dibenzo(a,h)anthracene	14 or MDL	62 J	52 J	< 340	< 350	< 350
Fluoranthene	50,000	490	340 J	< 340	< 350	< 350
Indeno(1,2,3-cd)pyrene	3,200	260 J	130 J	< 340	< 350	< 350
Phenanthrene	50,000	320 J	180 J	< 340	62 J	< 350
Metals - EPA Method 7471A and 6010B						
Units	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**
Mercury	0.001 - 0.2	0.13	0.13	< 0.043	0.033 B	< 0.047
Arsenic	3 - 12	2.7 B,*	3.1 B,*	< 8.9	4.4 B	1.6 B
Barium	15 - 600	71.6	56	19.2 *	65.1	41.5
Cadmium	0.1 - 1	< 3.3	< 2.8	< 3.4	< 4	< 3.7
Copper	1 - 50	94.5	45.4 *	6.8 *N	17.8	16
Lead	200 - 500	86.1 *	52.3 *	1.6 B	12.6	4.7 B
Magnesium	100 - 5000	3060	2630	1040	3780	2570
Nickel	0.5 - 25	20.7	12.3	5.5 B	17.1 *	11.7 *
Zinc	9 - 50	601	70.1	12.2 B,*	43.1	25.2

NOTES:

No exceedances of Pesticides, Herbicides or VOCs

B = Analyte found in the blank and the sample.
J = Result is an estimated value below the reporti limit or a tentatively identified compound (TIC).
M = Manually integrated compound.
H = Alternate peak selection upon analytical revie
N = MS,MSD: Spike recovery exceeds the upper or lower control limits
* = Batch QC exceeds the upper or lower control limits
µg/kg = micrograms per kilogram

TABLE 11 - SUMMARY OF VOCs IN FIELD BLANKS
Remedial Investigation
Atlas Park
Glendale, NY

Boring ID	FB081004		FB081204		F082304	
Collection Date	8/10/04		8/12/04		8/23/04	
Matrix	water		water		water	
Dilution Factor	1		1		1	
units	µg/L		µg/L		µg/L	
Lab Report ID	207346-5		207346-9		207417-5	
Analyte						
Chloromethane	< 5		< 5		< 5	
Vinyl Chloride	< 5		< 5		< 5	
Bromomethane	< 5		< 5		< 5	
Chloroethane	< 5		< 5		< 5	
1,1-Dichloroethene	< 5		< 5		< 5	
Carbon Disulfide	< 5		< 5		< 5	
Acetone	5	J	2	J	11	B
Methylene Chloride	< 5		< 5		< 5	
trans-1,2-Dichloroethene	< 5		< 5		< 5	
1,1-Dichloroethane	< 5		< 5		< 5	
Vinyl acetate	< 5		< 5		< 5	
cis-1,2-Dichloroethene	< 10		< 10		< 10	
2-Butanone (MEK)	< 5		< 5		< 5	
Chloroform	< 5		< 5		< 5	
1,1,1-Trichloroethane	< 5		< 5		< 5	
Carbon Tetrachloride	< 5		< 5		< 5	
Benzene	< 5		< 5		< 5	
1,2-Dichloroethane	< 5		< 5		< 5	
Trichloroethene	< 5		< 5		< 5	
1,2-Dichloropropane	< 5		< 5		< 5	
Bromodichloromethane	< 5		< 5		< 5	
cis-1,3-Dichloropropene	< 10		< 10		< 10	
4-Methyl-2-pentanone	< 5		< 5		0.8	JB
Toluene	< 5		< 5		< 5	
trans-1,3-Dichloropropene	< 5		< 5		< 5	
1,1,2-Trichloroethane	< 5		< 5		< 5	
Tetrachloroethene	< 10		< 10		< 10	
2-Hexanone	< 5		< 5		< 5	
Dibromochloromethane	< 5		< 5		< 5	
Chlorobenzene	< 5		< 5		< 5	
Ethylbenzene	< 5		< 5		< 5	
Styrene	< 5		< 5		< 5	
Bromoform	< 5		< 5		< 5	
1,1,2,2-Tetrachloroethane	< 5		< 5		< 5	
Xylenes(Total)	< 5		< 5		< 5	

Notes:
B = Analyte found in lab blanks. Indicates possible laboratory-derived contamination
J = Estimated value below the reporting limit
µg/L = Micrograms per liter
- = value is not available

TABLE 12 - SUMMARY OF SVOCs IN FIELD BLANKS
Remedial Investigation
Atlas Park
Glendale, NY

Boring ID	FB081004	FB081204	F082304
Collection Date	8/10/04	8/12/04	8/23/04
Matrix	water	water	water
Dilution Factor	1	1	1
units	µg/L	µg/L	µg/L
Lab Report ID	207346-5	207346-9	207417-5
Analyte			
Phenol	< 11	< 11	< 10
Bis(2-chloroethyl)ether	< 11	< 11	< 10
1 3-Dichlorobenzene	< 11	< 11	< 10
1 4-Dichlorobenzene	< 11	< 11	< 10
1 2-Dichlorobenzene	< 11	< 11	< 10
Benzyl alcohol	< 11	< 11	< 10
2-Methylphenol	< 11	< 11	< 10
2 2-oxybis (1-chloropropane)	< 11	< 11	< 10
n-Nitroso-di-n-propylamine	< 11	< 11	< 10
Hexachloroethane	< 11	< 11	< 10
4-Methylphenol	< 11	< 11	< 10
2-Chlorophenol	< 11	< 11	< 10
Nitrobenzene	< 11	< 11	< 10
Bis(2-chloroethoxy)methane	< 11	< 11	< 10
1 2 4-Trichlorobenzene	< 11	< 11	< 10
Benzoic acid	< 55	< 54	< 50
Isophorone	< 11	< 11	< 10
2 4-Dimethylphenol	< 11	< 11	< 10
Hexachlorobutadiene	< 11	< 11	< 10
Naphthalene	< 11	< 11	< 10
2 4-Dichlorophenol	< 11	< 11	< 10
4-Chloroaniline	< 11	< 11	< 10
2 4 6-Trichlorophenol	< 11	< 11	< 10
2 4 5-Trichlorophenol	< 55	< 54	< 50
Hexachlorocyclopentadiene	< 11	< 11	< 10
2-Methylnaphthalene	< 11	< 11	< 10
2-Nitroaniline	< 55	< 54	< 50
2-Chloronaphthalene	< 11	< 11	< 10
4-Chloro-3-methylphenol	< 11	< 11	< 10
2 6-Dinitrotoluene	< 11	< 11	< 10
2-Nitrophenol	< 11	< 11	< 10
3-Nitroaniline	< 55	< 54	< 50
Dimethyl phthalate	< 11	< 11	< 10
2 4-Dinitrophenol	< 55	< 54	< 50
Acenaphthylene	< 11	< 11	< 10
2 4-Dinitrotoluene	< 11	< 11	< 10
Acenaphthene	< 11	< 11	< 10
Dibenzofuran	< 11	< 11	< 10
4-Nitrophenol	< 55	< 54	< 50
Fluorene	< 11	< 11	< 10
4-Nitroaniline	< 22	< 22	< 20

TABLE 12 - SUMMARY OF SVOCs IN FIELD BLANKS
Remedial Investigation
Atlas Park
Glendale, NY

Boring ID	FB081004		FB081204		F082304	
Collection Date	8/10/04		8/12/04		8/23/04	
Matrix	water		water		water	
Dilution Factor	1		1		1	
units	µg/L		µg/L		µg/L	
Lab Report ID	207346-5		207346-9		207417-5	
Analyte						
4-Bromophenyl phenyl ether	<	11	<	11	<	10
Hexachlorobenzene	<	11	<	11	<	10
Diethyl phthalate	<	11	<	11	<	10
4-Chlorophenyl phenyl ether	<	11	<	11	<	10
Pentachlorophenol	<	55	<	54	<	50
n-Nitrosodiphenylamine	<	11	<	11	<	10
4 6-Dinitro-2-methylphenol	<	55	<	54	<	50
Phenanthrene	<	11	<	11	<	10
Anthracene	<	11	<	11	<	10
Carbazole	<	11	<	11	<	10
Di-n-butyl phthalate	<	11	<	11	<	10
Fluoranthene	<	11	<	11	<	10
Pyrene	<	11	<	11	<	10
Butyl benzyl phthalate	<	11	<	11	<	10
Benzo(a)anthracene	<	11	<	11	<	10
Chrysene	<	11	<	11	<	10
3 3-Dichlorobenzidine	<	22	<	22	<	20
Bis(2-ethylhexyl)phthalate	<	11	<	11	<	10
Di-n-octyl phthalate	<	11	<	11	<	10
Benzo(b)fluoranthene	<	11	<	11	<	10
Benzo(k)fluoranthene	<	11	<	11	<	10
Benzo(a)pyrene	<	11	<	11	<	10
Indeno(1 2 3-cd)pyrene	<	11	<	11	<	10
Dibenzo(a h)anthracene	<	11	<	11	<	10
Benzo(ghi)perylene	<	11	<	11	<	10

Notes:
B = Analyte found in lab blanks. Indicates possible laboratory-derived contamination.
J = Result is an estimated value below the reporting limit or a tentatively identified compound (TIC).
µg/L = micrograms per liter

TABLE 13 - SUMMARY OF METALS AND PCBs IN FIELD BLANKS
Remedial Investigation
Atlas Park
Glendale, NY

Boring ID	FB081004		FB081204		F082304	
Collection Date	8/10/04		8/12/04		8/23/04	
Matrix	water		water		water	
Dilution Factor	1		1		1	
units	µg/L		µg/L		µg/L	
Lab Report ID	207346-5		207346-9		207417-5	
Analyte						
PCBs - EPA Method 608						
Aroclor 1016	< 0.5		< 0.5		< 0.5	
Aroclor 1221	< 1		< 1		< 1	
Aroclor 1232	< 0.5		< 0.5		< 0.5	
Aroclor 1242	< 0.5		< 0.5		< 0.5	
Aroclor 1248	< 0.5		< 0.5		< 0.5	
Aroclor 1254	< 0.5		< 0.5		< 0.5	
Aroclor 1260	< 0.5		< 0.5		< 0.5	
Total PCBs [1]						
Metals - EPA Method 7471A (Mercury) and EPA Method 6010B						
Mercury	< 0.2		< 0.2		< 0.2	
Aluminum	< 500	N	< 500		< 500	
Antimony	< 20		< 20		< 20	
Arsenic	< 40		< 40		< 40	
Barium	< 5	N	< 5		< 5	
Beryllium	< 5	N	< 5		< 5	
Cadmium	< 10		< 10		< 10	
Calcium	156	B	< 300		78.6	B
Chromium	< 10	N	< 10		< 10	
Cobalt	< 10	N	< 10		< 10	
Copper	< 10	N	< 10		< 10	
Iron	182	BN	< 200		< 200	
Lead	< 10		< 10		< 10	
Magnesium	< 100		< 100		< 100	
Manganese	< 15	N	< 15		< 15	
Nickel	< 10	N	< 10		< 10	
Potassium	< 400		< 400		< 400	
Selenium	< 30		< 30		< 30	
Silver	< 6	N	< 6		< 6	
Sodium	< 400		< 400		< 400	
Thallium	< 40		< 40		< 40	
Vanadium	< 6	N	< 6		< 6	
Zinc	< 50	N	< 50		14.8	B

Notes:

B = Result is less than the CRDL/ reporting limit
and greater than or equal to the instrument detection limit.
N = Spiked sample recovery not within control limits.
µg/L = micrograms per liter

TABLE 14 - SUMMARY OF PESTI[illegible] and HERBICIDES in FIELD BLANKS
Remedial Investigation
Atlas Park
Glendale, NY

Boring ID Collection Date Matrix Dilution Factor units Lab Report ID Analyte	NYSDEC TAGM Recommended Soil Cleanup Objective µg/kg	FB081004 8/10/04 water 1 µg/L 207346-5	FB081204 8/12/04 water 1 µg/L 207346-9	F082304 8/23/04 water 1 µg/L 207417-5
Pesticides				
alpha-BHC	110	< 0.05	< 0.05	< 0.05
beta-BHC	200	< 0.05	< 0.05	< 0.05
delta-BHC	300	< 0.05	< 0.05	< 0.05
gamma-BHC (Lindane)	60	< 0.05	< 0.05	< 0.05
Heptachlor	100	0.0098 J	< 0.05	< 0.05
Aldrin	41	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	20	< 0.05	< 0.05	< 0.05
Endosulfan I	900	< 0.05	< 0.05	< 0.05
Dieldrin	44	< 0.1	< 0.1	< 0.1
4 4'-DDE	2,100	< 0.1	< 0.1	< 0.1
Endrin	100	< 0.1	< 0.1	< 0.1
Endosulfan II	900	< 0.1	< 0.1	< 0.1
4 4'-DDD	2,900	< 0.15	< 0.15	< 0.15
Endosulfan sulfate	1,000	< 0.1	< 0.1	< 0.1
4 4'-DDT	2,100	< 0.1	< 0.1	< 0.1
Methoxychlor	-	< 0.5	< 0.5	< 0.5
alpha-Chlordane	540	< 0.05	< 0.05	< 0.05
gamma-Chlordane	540	< 0.05	< 0.05	< 0.05
Toxaphene	-	< 2.5	< 2.5	< 2.5
Endrin aldehyde	-	< 0.1	< 0.1	< 0.1
Endrin ketone	-	< 0.1	< 0.1	< 0.1
Herbicides				
2,4,5-TP (Silvex)	700	< 1	< 1	< 1
2,4,5-T	1900	< 1	< 1	< 1
2,4-D	500	< 4.1	< 4.1	< 4.2

Notes:
J = Result is estimated value below the reporting limit or a tentatively identified compound (TIC)
µg/L = micrograms per liter

TABLE 15 - CARCINOGENIC PA' nd B(a)P EQUIVALENCE in SOIL
Remedia estigation
Atlas Park
Glendale, Queens

Boring ID	B6(2-4)	B6(59-61)	B7(2-4)	B7(7-9)	B9(1-3)	B9(3-5)	B9(8-10)
Depth (ft)	2-4	59-61	2-4	7-9	1-3	3-5	8-10
Collection Date	8/9/04	8/10/04	7/14/04	7/14/04	7/16/04	7/14/04	7/14/04
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Units	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Lab Report ID	207346	207346	207130-5	207130-6	207130-19	207130-3	207130-4
carcinogenic PAHs (cPAHs)							
Benzo(a)pyrene	130 J	< 330	50 J	< 360	200 J	< 350	< 360
Benzo(a)anthracene	130 J	< 330	47 J	< 360	180 J	< 350	< 360
Benzo(b)fluoranthene	190 J	< 330	< 350	< 360	170 J,M	< 350	< 360
Benzo(k)fluoranthene	< 370	< 330	40 J	< 360	200 J,M	< 350	< 360
Chrysene	150 J	< 330	52 J	< 360	220 J	< 350	< 360
Dibenzo(a,h)anthracene	< 370	< 330	< 350	< 360	< 380	< 350	< 360
Indeno(1,2,3-cd)pyrene	67 J	< 330	< 350	< 360	100 J	< 350	< 360
Total cPAHs	**667 J**	**0**	**189 J**	**0**	**1,070 JM**	**0**	**0**
B(a)P equivalence [1]							
Benzo(a)pyrene	130	0	50	0	200	0	0
Benzo(a)anthracene	13	0	4.7	0	18	0	0
Benzo(b)fluoranthene	19	0	0	0	17	0	0
Benzo(k)fluoranthene	0	0	0.4	0	2	0	0
Chrysene	1.5	0	0.52	0	2.2	0	0
Dibenzo(a,h)anthracene	0	0	0	0	0	0	0
Indeno(1,2,3-cd)pyrene	6.7	0	0	0	10	0	0
Total B(a)P equivalence	**170.2**	**0.0**	**55.6**	**0.0**	**249.2**	**0.0**	**0.0**

Notes:

1. Toxicity Equivalence Factors for cPAHs

Compound	TEF
Benzo(a)pyrene	1.0
Benzo(a)anthracene	0.1
Benzo(b)fluoranthene	0.1
Benzo(k)fluoranthene	0.01
Chrysene	0.001
Dibenzo(a,h)anthracene	1.0
Indeno(1,2,3-cd)pyrene	0.1

2. Non-detects are treated as concentration = 0

TABLE 15 - CARCINOGENIC PA[illegible]nd B(a)P EQUIVALENCE in SOIL
Remedia[illegible]vestigation
Atlas Park
Glendale, Queens

Boring ID	B10(2-4)	B10(8-10)	B10(19-23)	B16(5-7)	B16(55-57)	B20(1-5)	B20(7-9)	B20(52-54)
Depth (ft)	2-4	8-10	19-23	5-7	55-57	1-5	7-9	52-54
Collection Date	7/14/04	7/14/04	7/14/04	7/21/04	7/27/04	7/28/04	7/28/04	7/29/04
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	soil	soil
Units	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Lab Report ID	207130-1	207130-2	207272-1	207193-2	207211-1	207240-1	207240-2	207240-3
carcinogenic PAHs (cPAHs)								
Benzo(a)pyrene	< 390	61 J	< 1400	< 370	18 J	< 1500	< 1500	< 330
Benzo(a)anthracene	< 390	53 J	< 1400 M	< 370	26 J	< 1500	< 1500	< 330
Benzo(b)fluoranthene	< 390	< 390	< 1400	< 370	18 J	< 1500	< 1500	< 330
Benzo(k)fluoranthene	< 390	49 J	< 1400	< 370	7.7 J	< 1500	< 1500	< 330
Chrysene	< 390	69 J	600 J	< 370	23.0 J	< 1500	< 1500	< 330
Dibenzo(a,h)anthracene	< 390	< 390	< 1400	< 370	< 380.0	< 1500	< 1500	< 330
Indeno(1,2,3-cd)pyrene	< 390	< 390	< 1400	< 370	12.0 J	< 1500	< 1500	< 330
Total cPAHs	**0**	**232 J**	**600 J**	**0**	**105 J**	**0**	**0**	**0**
B(a)P equivalence [1]								
Benzo(a)pyrene	0	61	0	0	18	0	0	0
Benzo(a)anthracene	0	5.3	0	0	2.6	0	0	0
Benzo(b)fluoranthene	0	0	0	0	1.8	0	0	0
Benzo(k)fluoranthene	0	0.49	0	0	0.077	0	0	0
Chrysene	0	0.69	6	0	0.23	0	0	0
Dibenzo(a,h)anthracene	0	0	0	0	0	0	0	0
Indeno(1,2,3-cd)pyrene	0	0	0	0	1.2	0	0	0
Total B(a)P equivalence	**0.0**	**67.5**	**6.0**	**0.0**	**23.9**	**0.0**	**0.0**	**0.0**

TABLE 15 - CARCINOGENIC PA[illegible]nd B(a)P EQUIVALENCE in SOIL
Remedial [illegible]vestigation
Atlas Park
Glendale, Queens

Boring ID	B38(5-7)	B38(57-58)	B45(2-4)	B45(5-7)	B46(4-6)	B46(6-8)	B47(2-4)	B47(6-8)
Depth (ft)	5-7	57-58	2-4	5-7	4-6	6-8	2-4	6-8
Collection Date	7/19/04	7/19/04	7/16/04	7/16/04	7/16/04	7/16/04	7/16/04	7/16/04
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Units	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Lab Report ID	207193-4	207193-5	207130-15	207130-16	207130-17	207130-18	207141-4	207141-5
carcinogenic PAHs (cPAHs)								
Benzo(a)pyrene	< 380	< 360	260 J	430	150 J	80 J	< 350	< 350
Benzo(a)anthracene	< 380	< 360	430	970	180 J	80 J	< 350	< 350
Benzo(b)fluoranthene	< 380	< 360	320 J,M	650 M	230 J,M	< 370	< 350	< 350
Benzo(k)fluoranthene	< 380	< 360	430 M	850 M	150 J,M	100 J,M	< 350	< 350
Chrysene	< 380	< 360	320 J	540	180 J	92 J	< 350	< 350
Dibenzo(a,h)anthracene	< 380	< 360	84 J,M	95 J,M	< 370	< 370	< 350	< 350
Indeno(1,2,3-cd)pyrene	< 380	< 360	430	930	150 J	78 J	< 350	< 350
Total cPAHs	**0**	**0**	**2,274 JM**	**4,465 JM**	**1,040 JM**	**430 JM**	**0**	**0**
B(a)P equivalence [1]								
Benzo(a)pyrene	0	0	260	430	150	80	0	0
Benzo(a)anthracene	0	0	43	97	18	8	0	0
Benzo(b)fluoranthene	0	0	32	65	23	0	0	0
Benzo(k)fluoranthene	0	0	4.3	8.5	1.5	1	0	0
Chrysene	0	0	3.2	5.4	1.8	0.92	0	0
Dibenzo(a,h)anthracene	0	0	84	95	0	0	0	0
Indeno(1,2,3-cd)pyrene	0	0	43	93	15	7.8	0	0
Total B(a)P equivalence	**0.0**	**0.0**	**469.5**	**793.9**	**209.3**	**97.7**	**0.0**	**0.0**

TABLE 15 - CARCINOGENIC PAHs and B(a)P EQUIVALENCE in SOIL
Remedial Investigation
Atlas Park
Glendale, Queens

Boring ID	B48(2-4)	DUP1	B48(8-10)	B49(2-4)	B49(12-15)	B50(3-5)	B50(6-8)
Depth (ft)	2-4	B48(2-4)	8-10	2-4	12-15	3-5	6-8
Collection Date	7/15/04	7/15/04	7/15/04	7/15/04	7/15/04	7/15/04	7/15/04
Matrix	Soil	Soil	Soil	Soil	soil	Soil	Soil
Units	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Lab Report ID	207141-2	207141-8	207141-3	207130-20	207141-001	207130-7	207130-8
carcinogenic PAHs (cPAHs)							
Benzo(a)pyrene	870	150 J	1700	< 370	54 J	50 J	< 370
Benzo(a)anthracene	990	130 J	1800 H	< 370	56 J	47 J	< 370
Benzo(b)fluoranthene	850	260 J,M	2700	< 370	< 380	< 340	< 370
Benzo(k)fluoranthene	860 H	< 370	< 890	< 370	53 J,M	< 340	< 370
Chrysene	980	160 J	2200	< 370	67 J	52 J,M	< 370
Dibenzo(a,h)anthracene	240 J,M	< 370	260 J	< 370	< 380	< 340	< 370
Indeno(1,2,3-cd)pyrene	570	77 J	550 J	< 370	< 380	< 340	< 370
Total cPAHs	**5,360 JHM**	**777 JM**	**9,210 JH**	**0**	**230 JM**	**149 JM**	**0**
B(a)P equivalence [1]							
Benzo(a)pyrene	870	150	1700	0	54	50	0
Benzo(a)anthracene	99	13	180	0	5.6	4.7	0
Benzo(b)fluoranthene	85	26	270	0	0	0	0
Benzo(k)fluoranthene	8.6	0	0	0	0.53	0	0
Chrysene	9.8	1.6	22	0	0.67	0.52	0
Dibenzo(a,h)anthracene	240	0	260	0	0	0	0
Indeno(1,2,3-cd)pyrene	57	7.7	55	0	0	0	0
Total B(a)P equivalence	**1,369.4**	**198.3**	**2,487.0**	**0.0**	**60.8**	**55.2**	**0.0**

TABLE 15 - CARCINOGENIC PA[illegible]nd B(a)P EQUIVALENCE in SOIL
Remedial [illegible]estigation
Atlas Park
Glendale, Queens

Boring ID	B51(2-4)	B51(6-8)	B52(1-3)	B52(4-6)	B53(1-4)	B53(7-9)	B55(0.5-4.5)	B55(8-12)
Depth (ft)	2-4	6-8	1-3	4-6	1-4	7-9	0.5-4.5	7-12
Collection Date	7/15/04	7/15/04	7/15/04	7/15/04	7/15/04	7/15/04	8/12/04	8/12/04
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Units	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Lab Report ID	207130-9	207130-10	207130-11	207130-12	207130-13	207130-14	207346	207346
carcinogenic PAHs (cPAHs)								
Benzo(a)pyrene	24000	160 J	< 370	< 380	< 350	< 340	1300	< 410
Benzo(a)anthracene	16000 J	89 J	< 370	< 380	< 350	< 340	1800	< 410
Benzo(b)fluoranthene	18000 J,M	270 J	< 370	< 380	< 350	< 340	1500	< 410
Benzo(k)fluoranthene	19000 M	< 380	< 370	< 380	< 350	< 340	1400	< 410
Chrysene	26000	160 J	< 370	< 380	< 350	< 340	1700	< 410
Dibenzo(a,h)anthracene	4800 J	< 380	< 370	< 380	< 350	< 340	430 J	< 410
Indeno(1,2,3-cd)pyrene	13000 J	78 J,M	< 370	< 380	< 350	< 340	1200	< 410
Total cPAHs	**120,800 JM**	**757 JM**	**0**	**0**	**0**	**0**	**9,330 J**	**0**
B(a)P equivalence [1]								
Benzo(a)pyrene	24000	160	0	0	0	0	1300	0
Benzo(a)anthracene	1600	8.9	0	0	0	0	180	0
Benzo(b)fluoranthene	1800	27	0	0	0	0	150	0
Benzo(k)fluoranthene	190	0	0	0	0	0	14	0
Chrysene	260	1.6	0	0	0	0	17	0
Dibenzo(a,h)anthracene	4800	0	0	0	0	0	430	0
Indeno(1,2,3-cd)pyrene	1300	7.8	0	0	0	0	120	0
Total B(a)P equivalence	**33,950.0**	**205.3**	**0.0**	**0.0**	**0.0**	**0.0**	**2,211.0**	**0.0**

TABLE 15 - CARCINOGENIC PA[illegible]nd B(a)P EQUIVALENCE in SOIL
Remedial [illegible]estigation
Atlas Park
Glendale, Queens

Boring ID	B57(0-5)	B57(68-70)	DUP080604	B58(0-5)	B58(18-21)	B58(73-75)	B59(3-5)	B59(6-8)
Depth (ft)	0-5	68-70	B57(68-70)	0-5	18-21	73-75	3-5	6-8
Collection Date	7/22/04	8/6/04	8/6/04	7/22/04	7/22/04	8/2/04	7/16/04	7/16/04
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Units	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Lab Report ID	207193-6	207346	207346	207193-7	207193-8	207240-4	207141-6	207141-7
carcinogenic PAHs (cPAHs)								
Benzo(a)pyrene	1600	< 330	< 340	240 J	170 J	< 340	< 350	< 350
Benzo(a)anthracene	1800	< 330	< 340	350 J	220 J	< 340	< 350	< 350
Benzo(b)fluoranthene	3100 M	< 330	< 340	300 J	250 J,M	< 340	< 350	< 350
Benzo(k)fluoranthene	< 840	< 330	< 340	290 J	160 J,M	< 340	< 350	< 350
Chrysene	1900	< 330	< 340	280 J	180 J	< 340	< 350	< 350
Dibenzo(a,h)anthracene	410 J	< 330	< 340	62 J	52 J	< 340	< 350	< 350
Indeno(1,2,3-cd)pyrene	870	< 330	< 340	260 J	130 J	< 340	< 350	< 350
Total cPAHs	**9,680 JM**	**0**	**0**	**1,782 J**	**1,162 JM**	**0**	**0**	**0**
B(a)P equivalence [1]								
Benzo(a)pyrene	1600	0	0	240	170	0	0	0
Benzo(a)anthracene	180	0	0	35	22	0	0	0
Benzo(b)fluoranthene	310	0	0	30	25	0	0	0
Benzo(k)fluoranthene	0	0	0	2.9	1.6	0	0	0
Chrysene	19	0	0	2.8	1.8	0	0	0
Dibenzo(a,h)anthracene	410	0	0	62	52	0	0	0
Indeno(1,2,3-cd)pyrene	87	0	0	26	13	0	0	0
Total B(a)P equivalence	**2,606.0**	**0.0**	**0.0**	**398.7**	**285.4**	**0.0**	**0.0**	**0.0**

T 16
Groundwater Elevations
Atlas Park Monitoring Wells
Glendale, NY

Date	MW-12 TOC el 70.45		MW-13 TOC el 76.78		MW-28 TOC el 77.59		MW-56 TOC el 70.53		LB-4(OW) TOC el 81.80	
	DTW (ft below TOC)	Elev (ft)	DTW (ft below TOC)	Elev (ft)	DTW (ft below TOC)	Elev (ft)	DTW (ft below TOC)	Elev (ft)	DTW (ft below TOC)	Elev (ft)
2/12/04	–	–	62.15	14.63	–	–	–	–	–	–
2/12/04	55.70	14.75	–	–	–	–	–	–	–	–
2/18/04	55.54	14.91	–	–	–	–	–	–	–	–
2/19/04	–	–	62.07	14.71	–	–	–	–	–	–
2/20/04	–	–	–	–	65.92	11.67	–	–	–	–
2/26/04	–	–	–	–	63.66	13.93	–	–	–	–
3/10/04	–	–	–	–	–	–	56.35	14.18	–	–
3/17/04	–	–	–	–	–	–	56.29	14.24	–	–
3/30/04	–	–	–	–	66.05	11.54	–	–	–	–
4/1/04	–	–	62	14.78	–	–	56.16	14.37	67.16	14.64
7/23/04	55.38	15.07	61.9	14.88	–	–	56.04	14.49	67.06	14.74
7/28/04	55.38	15.07	61.89	14.89	–	–	56.02	14.51	67.05	14.75
8/20/04	–	–	–	–	–	–	–	–	–	–
8/23/04	–	–	–	–	–	–	–	–	–	–
8/24/04	–	–	–	–	–	–	–	–	–	–
8/25/04	–	–	–	–	–	–	–	–	–	–
10/22/04	55.20	15.25	61.72	15.06	–	–	55.90	14.63	–	–
Average (To Date)	55.44	15.01	61.96	14.83	65.21	12.38	56.13	14.40	67.09	14.71

Notes:
1. Top of Casing (TOC) elevation and groundwater elevation in Queens Borough Datum.
2. Monitoring Well MW-20 was destroyed during demolition activities prior to being surveyed.

T[illegible]6
Groundwater Elevations
Atlas Park Monitoring Wells
Glendale, NY

Date	MW-6 TOC el 75.85		MW-16 TOC el 70.69		MW-20 TOC el (2)		MW-38 TOC el 72.93		MW-57 TOC el 83.95		MW-58 TOC el 89.47	
	DTW (ft below TOC)	Elev (ft)	DTW (ft below TOC)	Elev (ft)	DTW (ft below TOC)	Elev (ft)	DTW (ft below TOC)	Elev (ft)	DTW (ft below TOC)	Elev (ft)	DTW (ft below TOC)	Elev (ft)
2/12/04	–	–	–	–	–	–	–	–	–	–	–	–
2/12/04	–	–	–	–	–	–	–	–	–	–	–	–
2/18/04	–	–	–	–	–	–	–	–	–	–	–	–
2/19/04	–	–	–	–	–	–	–	–	–	–	–	–
2/20/04	–	–	–	–	–	–	–	–	–	–	–	–
2/26/04	–	–	–	–	–	–	–	–	–	–	–	–
3/10/04	–	–	–	–	–	–	–	–	–	–	–	–
3/17/04	–	–	–	–	–	–	–	–	–	–	–	–
3/30/04	–	–	–	–	–	–	–	–	–	–	–	–
4/1/04	–	–	–	–	–	–	–	–	–	–	–	–
7/23/04	–	–	–	–	–	–	–	–	–	–	–	–
7/28/04	–	–	–	–	–	–	–	–	–	–	–	–
8/20/04	–	–	–	–	–	–	58.61	14.32	–	–	–	–
8/23/04	–	–	56.45	14.24	55.4	–	–	–	–	–	–	–
8/24/04	–	–	–	–	–	–	–	–	69.43	14.52	75.44	14.03
8/25/04	61.8	14.05	–	–	–	–	–	–	–	–	–	–
10/22/04	61.50	14.35	56.31	14.38	–	–	58.50	14.43	69.26	14.69	75.23	14.24
Average (To Date)	61.65	14.20	56.38	14.31	55.40	–	58.56	14.38	69.35	14.61	75.34	14.14

Notes:
1. Top of Casing (TOC) elevation and groundwater elevation in Queens Borough Datum.
2. Monitoring Well MW-20 was destroyed during demolition activities prior to being surveyed.

TABLE 17: SUMMARY OF VOCs in GROUNDWATER
Remedial Investigation
Atlas Park
Glendale, NY

Boring ID Collection Date Matrix Dilution Factor units Lab Report ID Analyte	NYSDEC Ground Water Standards and Guidance Values (µg/L)	MW-6 8/25/04 water 1 µg/L 207417-009	MW-16 8/23/04 water 1 µg/L 207417-003	MW-20 8/23/04 water 1 µg/L 207417-004	MW-38 8/20/04 water 1 µg/L 207147-001	DUP (GW38) 8/20/04 water 1 µg/L 207417-2	MW-57 8/24/04 water 1 µg/L 207417-008	MW-58 8/24/04 water 1 µg/L 207417-007
Chloromethane	--	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Vinyl Chloride	2	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromomethane	5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chloroethane	5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1-Dichloroethene	5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Carbon Disulfide	--	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Acetone	50	2 JB	12 B	20 B	6 JB	6 JB	200 B	4 JB
Methylene Chloride	5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
trans-1,2-Dichloroethene	5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1-Dichloroethane	5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Vinyl acetate	--	< 5	< 5	< 5	< 5	< 5	< 5	< 5
cis-1,2-Dichloroethene	5	< 5	< 5	3 J	2 J	2 J	< 5	< 5
2-Butanone (MEK)	50	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Chloroform	7	< 5	6	2 J	2 J	2 J	< 5	< 5
1,1,1-Trichloroethane	5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Carbon Tetrachloride	5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Benzene	1	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dichloroethane	0.6	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Trichloroethene	5	0.8 J	6	20	5	10	< 5	< 5
1,2-Dichloropropane	1	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromodichloromethane	50	< 5	< 5	< 5	< 5	< 5	< 5	< 5
cis-1,3-Dichloropropene	0.4*	< 5	< 5	< 5	< 5	< 5	< 5	< 5
4-Methyl-2-pentanone	--	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Toluene	5	5 UB	5 UB	5 UB	5 UB	< 5	5 UB	5 UB
trans-1,3-Dichloropropene	0.4*	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1,2-Trichloroethane	1	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Tetrachloroethene	5	23	4 J	4 J	39	96	< 5	< 5
2-Hexanone	50	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Dibromochloromethane	50	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chlorobenzene	5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Ethylbenzene	5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Styrene	5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromoform	50	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1,2,2-Tetrachloroethane	5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes(Total)	5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Total VOCs		30.8 BJU	33 BJU	54 BJU	113 BJU	106 JB	205 BU	9 BJU

Notes:
J = Estimated value below the reporting limit or a tentatively identified compound (TIC).
B = Compound was found in the blank and sample.

TABLE 18: SUMMARY OF SVOCs IN GROUNDWATER
Remedial Investigation
Atlas Park
Glendale, NY

Boring ID Collection Date Matrix Dilution Factor units Lab Report ID Analyte	NYSDEC Ground Water Standards and Guidance Values (µg/L)	GW6 8/25/04 water 1 µg/L 207417-9	GW16 8/23/04 water 1 µg/L 207417-3	GW20 8/23/04 water 1 µg/L 207417-4	GW38 8/20/04 water 1 µg/L 207417-1	DUP (GW38) 8/20/04 water 1 µg/L 207417-2	GW57 8/24/04 water 1 µg/L 207417-8	GW58 8/24/04 water 1 µg/L 207417-7
Phenol	1	< 10	< 10	< 10	< 10	< 11	< 10	< 10
Bis(2-chloroethyl)ether	1	< 10	< 10	< 10	< 10	< 11	< 10	< 10
1 3-Dichlorobenzene	3	< 10	< 10	< 10	< 10	< 11	< 10	< 10
1 4-Dichlorobenzene	3	< 10	< 10	< 10	< 10	< 11	< 10	< 10
1 2-Dichlorobenzene	3	< 10	< 10	< 10	< 10	< 11	< 10	< 10
Benzyl alcohol	–	< 10	< 10	< 10	< 10	< 11	< 10	< 10
2-Methylphenol	1 [1]	< 10	< 10	< 10	< 10	< 11	< 10	< 10
2 2-oxybis (1-chloropropane)	–	< 10	< 10	< 10	< 10	< 11	< 10	< 10
n-Nitroso-di-n-propylamine	–	< 10	< 10	< 10	< 10	< 11	< 10	< 10
Hexachloroethane	5	< 10	< 10	< 10	< 10	< 11	< 10	< 10
4-Methylphenol	1 [1]	< 10	< 10	< 10	< 10	< 11	< 10	< 10
2-Chlorophenol	–	< 10	< 10	< 10	< 10	< 11	< 10	< 10
Nitrobenzene	0.4	< 10	< 10	< 10	< 10	< 11	< 10	< 10
Bis(2-chloroethoxy)methane	–	< 10	< 10	< 10	< 10	< 11	< 10	< 10
1 2 4-Trichlorobenzene	5	< 10	< 10	< 10	< 10	< 11	< 10	< 10
Benzoic acid	–	< 50	< 50	< 50	< 50	< 54	< 50	< 50
Isophorone	50	< 10	< 10	< 10	< 10	< 11	< 10	< 10
2 4-Dimethylphenol	50	< 10	< 10	< 10	< 10	< 11	< 10	< 10
Hexachlorobutadiene	1	< 10	< 10	< 10	< 10	< 11	< 10	< 10
Naphthalene	10	< 10	< 10	< 10	< 10	< 11	< 10	< 10
2 4-Dichlorophenol	1 [1]	< 10	< 10	< 10	< 10	< 11	< 10	< 10
4-Chloroaniline	5	< 10	< 10	< 10	< 10	< 11	< 10	< 10
2 4 6-Trichlorophenol	–	< 10	< 10	< 10	< 10	< 11	< 10	< 10
2 4 5-Trichlorophenol	–	< 50	< 50	< 50	< 50	< 54	< 50	< 50
Hexachlorocyclopentadiene	5	< 10	< 10	< 10	< 10	< 11	< 10	< 10
2-Methylnaphthalene	–	< 10	< 10	< 10	< 10	< 11	< 10	< 10
2-Nitroaniline	5	< 50	< 50	< 50	< 50	< 54	< 50	< 50
2-Chloronaphthalene	10	< 10	< 10	< 10	< 10	< 11	< 10	< 10
4-Chloro-3-methylphenol	–	< 10	< 10	< 10	< 10	< 11	< 10	< 10
2 6-Dinitrotoluene	5	< 10	< 10	< 10	< 10	< 11	< 10	< 10
2-Nitrophenol	–	< 10	< 10	< 10	< 10	< 11	< 10	< 10
3-Nitroaniline	5	< 50	< 50	< 50	< 50	< 54	< 50	< 50
Dimethyl phthalate	–	< 10	< 10	< 10	< 10	< 11	< 10	< 10
2 4-Dinitrophenol	10	< 50	< 50	< 50	< 50	< 54	< 50	< 50
Acenaphthylene	–	< 10	< 10	< 10	< 10	< 11	< 10	< 10
2 4-Dinitrotoluene	5	< 10	< 10	< 10	< 10	< 11	< 10	< 10
Acenaphthene	20	< 10	< 10	< 10	< 10	< 11	< 10	< 10
Dibenzofuran	–	< 10	< 10	< 10	< 10	< 11	< 10	< 10
4-Nitrophenol	–	< 50	< 50	< 50	< 50	< 54	< 50	< 50
Fluorene	50	< 10	< 10	< 10	< 10	< 11	< 10	< 10
4-Nitroaniline	5	< 20	< 20	< 20	< 20	< 22	< 20	< 20
4-Bromophenyl phenyl ether	–	< 10	< 10	< 10	< 10	< 11	< 10	< 10
Hexachlorobenzene	0.04	< 10	< 10	< 10	< 10	< 11	< 10	< 10
Diethyl phthalate	50	< 10	< 10	< 10	< 10	< 11	< 10	< 10
4-Chlorophenyl phenyl ether	–	< 10	< 10	< 10	< 10	< 11	< 10	< 10

TABLE 18: SUMMARY OF SVOCs IN GROUNDWATER
Remedial Investigation
Atlas Park
Glendale, NY

Boring ID Collection Date Matrix Dilution Factor units Lab Report ID Analyte	NYSDEC Ground Water Standards and Guidance Values (µg/L)	GW6 8/25/04 water 1 µg/L 207417-9	GW16 8/23/04 water 1 µg/L 207417-3	GW20 8/23/04 water 1 µg/L 207417-4	GW38 8/20/04 water 1 µg/L 207417-1	DUP (GW38) 8/20/04 water 1 µg/L 207417-2	GW57 8/24/04 water 1 µg/L 207417-8	GW58 8/24/04 water 1 µg/L 207417-7
Pentachlorophenol	1 (1)	< 50	< 50	< 50	< 50	< 54	< 50	< 50
n-Nitrosodiphenylamine	50	< 10	< 10	< 10	< 10	< 11	< 10	< 10
4 6-Dinitro-2-methylphenol	–	< 50	< 50	< 50	< 50	< 54	< 50	< 50
Phenanthrene	50	< 10	< 10	< 10	< 10	< 11	< 10	< 10
Anthracene	50	< 10	< 10	< 10	< 10	< 11	< 10	< 10
Carbazole	–	< 10	< 10	< 10	< 10	< 11	< 10	< 10
Di-n-butyl phthalate	50	< 10	< 10	< 10	< 10	< 11	< 10	< 10
Fluoranthene	50	< 10	< 10	< 10	< 10	< 11	< 10	< 10
Pyrene	50	< 10	< 10	< 10	< 10	< 11	< 10	< 10
Butyl benzyl phthalate	50	< 10	< 10	< 10	< 10	< 11	< 10	< 10
Benzo(a)anthracene	0.002	< 10	< 10	< 10	< 10	< 11	< 10	< 10
Chrysene	0.002	< 10	< 10	< 10	< 10	< 11	< 10	< 10
3 3-Dichlorobenzidine	5	< 20	< 20	< 20	< 20	< 22	< 20	< 20
Bis(2-ethylhexyl)phthalate	5	< 10	< 10	< 10	< 10	< 11	< 10	< 10
Di-n-octyl phthalate	50	< 10	< 10	< 10	< 10	< 11	< 10	< 10
Benzo(b)fluoranthene	0.002	< 10	< 10	< 10	< 10	< 11	< 10	< 10
Benzo(k)fluoranthene	0.002	< 10	< 10	< 10	< 10	< 11	< 10	< 10
Benzo(a)pyrene	ND	< 10	< 10	< 10	< 10	< 11	< 10	< 10
Indeno(1 2 3-cd)pyrene	0.002	< 10	< 10	< 10	< 10	< 11	< 10	< 10
Dibenzo(a h)anthracene	–	< 10	< 10	< 10	< 10	< 11	< 10	< 10
Benzo(ghi)perylene	–	< 10	< 10	< 10	< 10	< 11	< 10	< 10
Total SVOCs	–							

Notes:

B = Analyte found in lab blanks. Indicates possible laboratory-derived contamination.

J = Result is an estimated value below the reporting limit or a tentatively identified compound (TIC).

M = Manually integrated compound.

(1) = This Standard Value applies to the sum of phenolic compounds.

TABLE 19: SUMMARY OF PCBS and METALS IN GROUNDWATER
Remedial Investigation
Atlas Park
Glendale, NY

Boring ID Collection Date Matrix Dilution Factor units Lab Report ID Analyte	NYSDEC Ground Water Standards and Guidance Values (µg/L)	GW6 8/25/04 water 1 µg/L 207417-9	GW16 8/23/04 water 1 µg/L 207417-3	GW20 8/23/04 water 1 µg/L 207417-4	GW38 8/20/04 water 1 µg/L 207417-1	DUP (GW38) 8/20/04 water 1 µg/L 207417-2	GW57 8/24/04 water 1 µg/L 207417-8	GW58 8/24/04 water 1 µg/L 207417-7
PCBs - EPA Method 608								
Aroclor 1016	-	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1221	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aroclor 1232	-	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1242	-	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1248	-	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1254	-	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aroclor 1260	-	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Total PCBs (1)	0.09							
Metals - EPA Method 7471A (Mercury) and EPA Method 6010B								
Mercury	0.7	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Aluminum	--	157 B	402	129 B	< 500	< 500	< 500	1110
Antimony	3	< 20	< 20	< 20	< 20	< 20	< 20	< 20
Arsenic	25	< 40	< 40	< 40	< 40	< 40	< 40	< 40
Barium	1000	150	184	51.4	148	136	131	156
Beryllium	3	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Cadmium	5	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Calcium	--	130000	135000	42900	133000	123000	143000	149000
Chromium	50	21.8	7.3 B	11.1	4.4 B	3.2 B	4.5 B	31.9
Cobalt	--	< 10	< 10	6 B	< 10	< 10	< 10	8.2 B
Copper	200	5.5 B	9.7 B	< 10	4.6 B	< 10	< 10	6.3 B
Iron	300	326	676	258	< 200	< 200	< 200	2340
Lead	25	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Magnesium	35000	51600	54400	16100	58000	53000	51400	53500
Manganese	300	111	277	121	459	116	85.4	570
Nickel	100	19	7.5	11.7	5.5 B	4.5 B	4.6 B	35.8
Potassium	--	2730	3120	2220	5620	5090	2150	4140
Selenium	10	< 30	< 30	< 30	< 30	< 30	< 30	< 30
Silver	50	< 6	< 6	< 6	< 6	< 6	< 6	1.1 B
Sodium	20000	43700	39300	18400	63500	77600	10600	19100
Thallium	0.5	< 40	< 40	< 40	< 40	< 40	< 40	< 40
Vanadium	--	< 6	< 6	< 6	< 6	< 6	< 6	2 B
Zinc	5000	32.9 B	27.2 B	13.6 B	< 50	13.2 B	14.4 B	20.3 B

Notes:

(1) Reported total represents greatest detection limit of individual compounds. No PCBs detected above reporting limit.

B = Result is less than the CRDL/ reporting limit and greater than or equal to the instrument detection limit.

N = Spiked sample recovery not within control limits.

TABLE 20 - SUMMARY OF PESTICIDES AND HERBICIDES IN GROUNDWATER
Remedial Investigation
Atlas Park
Glendale, NY

Boring ID Collection Date Matrix Dilution Factor units Lab Report ID Analyte	NYSDEC Ground Water Standards and Guidance Values (µg/L)	GW6 8/25/04 water 1 µg/L 207417-9	GW16 8/23/04 water 1 µg/L 207417-3	GW20 8/23/04 water 1 µg/L 207417-4	GW38 8/20/04 water 1 µg/L 207417-1	DUP (GW38) 8/20/04 water 1 µg/L 207417-2	GW57 8/24/04 water 1 µg/L 207417-8	GW58 8/24/04 water 1 µg/L 207417-7
Pesticides								
alpha-BHC	–	< 0.05	< 0.05	< 0.05	< 0.05	< 0.06	< 0.05	< 0.05
beta-BHC	–	< 0.05	< 0.05	< 0.05	< 0.05	< 0.06	< 0.05	< 0.05
delta-BHC	–	0.02 J	< 0.05	< 0.05	< 0.05	< 0.06	< 0.05	< 0.05
gamma-BHC (Lindane)	–	< 0.05	< 0.05	< 0.05	< 0.05	< 0.06	< 0.05	< 0.05
Heptachlor	0.04	< 0.05	< 0.05	< 0.05	< 0.05	< 0.06	< 0.05	< 0.05
Aldrin	ND	< 0.05	< 0.05	< 0.05	< 0.05	< 0.06	< 0.05	< 0.05
Heptachlor epoxide	0.03	< 0.05	< 0.05	< 0.05	< 0.05	< 0.06	< 0.05	< 0.05
Endosulfan I	–	< 0.05	< 0.05	< 0.05	< 0.05	< 0.06	< 0.05	< 0.05
Dieldrin	0.004	< 0.10	< 0.10	< 0.10	< 0.10	< 0.11	< 0.10	< 0.10
4 4'-DDE	0.02	< 0.10	< 0.10	< 0.10	< 0.10	< 0.11	< 0.10	< 0.10
Endrin	ND	< 0.10	< 0.10	< 0.10	< 0.10	< 0.11	< 0.10	< 0.10
Endosulfan II	–	< 0.10	< 0.10	< 0.10	< 0.10	< 0.11	< 0.10	< 0.10
4 4'-DDD	0.03	< 0.15	< 0.15	< 0.15	< 0.15	< 0.17	< 0.15	< 0.15
Endosulfan sulfate	ND	< 0.10	< 0.10	< 0.10	< 0.10	< 0.11	< 0.10	< 0.10
4 4'-DDT	0.02	< 0.10	< 0.10	< 0.10	< 0.10	< 0.11	< 0.10	< 0.10
Methoxychlor	35	< 0.50	< 0.50	< 0.50	< 0.50	< 0.56	< 0.50	< 0.50
alpha-Chlordane	0.05	0.01 JM	< 0.05	< 0.05	< 0.05	< 0.06	< 0.05	< 0.05
gamma-Chlordane	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.06	< 0.05	< 0.05
Toxaphene	0.06	< 2.50	< 2.50	< 2.50	< 2.50	< 2.80	< 2.50	< 2.50
Endrin aldehyde	5	< 0.10	< 0.10	< 0.10	< 0.10	< 0.11	< 0.10	< 0.10
Endrin ketone	5	< 0.10	< 0.10	< 0.10	< 0.10	< 0.11	< 0.10	< 0.10
Herbicides								
2,4,5-T	–	< 1.1	< 1	< 1	< 1.1	< 1.1	< 1	< 1
2,4,5-TP (Silvex)	–	< 1.1	< 1	< 1	< 1.1	< 1.1	< 1	< 1
2,4-D	–	< 4.2	< 4	< 4.1	< 4.3	< 4.4	< 4	< 4

Notes:

(1) Reported total represents greatest detection limit of individual compounds.
No PCBs detected above reporting limit.

B = Result is less than the CRDL/ reporting limit and greater than or equal to the instrument detection limit.

N = Spiked sample recovery not within control limits.

TABLE 21: SUMMARY OF SGV EDANCES IN GROUNDWATER
Remedial Investigation
Atlas Park
Glendale, NY

Boring ID Collection Date Matrix Dilution Factor units Lab Report ID Analyte	NYSDEC Ground Water Standards and Guidance Values (µg/L)	GW6 8/25/04 water 1 µg/L 207417-9	GW16 8/23/04 water 1 µg/L 207417-3	GW20 8/23/04 water 1 µg/L 207417-4	GW38 8/20/04 water 1 µg/L 207417-1	DUP (GW38) 8/20/04 water 1 µg/L 207417-2	GW57 8/24/04 water 1 µg/L 207417-8	GW58 8/24/04 water 1 µg/L 207417-7
VOCs - EPA Method 8260B								
Acetone	50	2 JB	12 B	20 B	6 JB	6 JB	200 B	4 JB
Trichloroethene	5	0.8 J	6	20	9	10	< 5	< 5
Tetrachloroethene	5	23	4 J	4 J	89	96	< 5	< 5
Metals - EPA Method 7471A (Mercury) and EPA Method 6010B								
Iron	300	326	678	258	< 200	< 200	< 200	2340
Magnesium	35000	51600	54400	16100	58000	53600	51400	53500
Sodium	20000	43700	39300	38400	83500	77500	10600	19100

Notes:

No SVOCs, PCBs, Pesticides or Herbicides detected above reporting limit.

J= Estimated value below the reporting limit or a tentatively identified compound (TIC).

B = Result is less than the CRDL/ reporting limit and greater than or equal to the instrument detection limit.

N = Spiked sample recovery not within control limits.

TABLE 22 - SUMMARY OF VOCs IN SOIL GAS
Remedial Investigation Area
Atlas Park
Glendale, Queens

Sample ID	SG-1	SG-2	SG-3	SG-4	SG-5
Collection Date	7/16/04	7/16/04	7/16/04	7/15/04	7/15/04
Matrix	soil gas	soil gas	soil gas	soil gas	soil gas
Units	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³
Dilution Factor	1.0	1.0	40.0	1.0	1.0
Lab Report ID	579530	579529	579531	579532	579525
Analyte					
Dichlorodifluoromethane	6.4	6.4	< 99	2.8	3.1
Chloromethane	1.1	1.2	< 41	1.1	1.2
Vinyl Chloride	< 1.3	< 1.3	< 51	< 1.3	< 1.3
Bromomethane	< 1.9	< 1.9	< 78	< 1.9	< 1.9
Chloroethane	< 1.3	< 1.3	< 53	< 1.3	< 1.3
Trichlorofluoromethane	3	3.3	< 110	11	26
Freon TF	< 3.8	< 3.8	< 150	< 3.8	< 3.8
1,1-Dichloroethene	< 2	< 2	< 79	< 2	< 2
Methylene Chloride	< 1.7	2.8	< 69	4.2	< 25
1,1-Dichloroethane	< 2	< 2	< 81	< 2	< 2
cis-1,2-Dichloroethene	< 2	< 2	< 79	< 2	< 2
Chloroform	< 2.4	< 2.4	< 98	< 2.4	< 2.4
1,1,1-Trichloroethane	< 2.7	< 2.7	290	< 2.7	< 2.7
Carbon Tetrachloride	< 3.1	< 3.1	< 130	< 3.1	< 3.1
Benzene	5.1	7.7	100	< 1.6	2.4
1,2-Dichloroethane	< 2	< 2	< 81	< 2	< 2
Trichloroethene	< 2.7	< 2.7	530	< 2.7	3.4
1,2-Dichloropropane	< 2.3	< 2.3	< 92	< 2.3	< 2.3
cis-1,3-Dichloropropene	< 2.3	< 2.3	< 91	< 2.3	< 2.3
Toluene	14	22	230	12	19
trans-1,3-Dichloropropene	< 2.3	< 2.3	< 91	< 2.3	< 2.3
1,1,2-Trichloroethane	< 2.7	< 2.7	< 110	< 2.7	< 2.7
Tetrachloroethene	< 3.4	< 3.4	11000	< 3.4	< 3.4
Chlorobenzene	< 2.3	< 2.3	< 92	< 2.3	< 2.3
Ethylbenzene	23	12	< 87	4.1	6.9
Xylene (m,p)	91	48	260	16	23
Styrene	< 2.1	< 2.1	< 85	6	< 2.1
Xylene (o)	36	17	100	4.2	6.1
1,1,2,2-Tetrachloroethane	< 3.4	< 3.4	< 140	< 3.4	< 3.4
1,3-Dichlorobenzene	< 3	< 3	< 120	< 3	< 3
1,4-Dichlorobenzene	< 3	< 3	< 120	< 3	< 3
1,2-Dichlorobenzene	< 3	< 3	< 120	< 3	< 3
1,2,4-Trichlorobenzene	< 3.7	< 3.7	< 150	< 3.7	< 3.7
Hexachlorobutadiene	< 5.3	< 5.3	< 210	< 5.3	< 5.3
1,3,5-Trimethylbenzene	< 2.5	< 2.5	< 98	< 2.5	< 2.5
1,2,4-Trimethylbenzene	4.9	5.9	100	< 2.5	< 2.5
1,2-Dichlorotetrafluoroethane	< 3.5	< 3.5	< 140	< 3.5	< 3.5
1,2-Dibromoethane	< 3.8	< 3.8	< 150	< 3.8	< 3.8
1,3-Butadiene	1.2	1.4	< 44	< 1.1	< 1.1
Carbon Disulfide	< 1.6	< 1.6	< 62	< 1.6	< 1.6
Acetone	81	31	< 480	15	33
Isopropyl Alcohol	< 12	< 12	< 490	< 12	< 12
Methyl tert-Butyl Ether	< 1.8	< 1.8	< 72	< 1.8	< 1.8
Cyclohexane	< 1.7	2.1	< 69	< 1.7	< 1.7
Dibromochloromethane	< 4.3	< 4.3	< 170	< 4.3	< 4.3
Methyl Ethyl Ketone	< 1.5	7.1	< 59	2.2	5.3
1,4-Dioxane	< 18	< 18	< 720	< 18	< 18
Methyl Isobutyl Ketone	< 2	< 2	< 82	< 2	< 2
Methyl Butyl Ketone	< 2	< 2	< 82	< 2	< 2
Bromoform	< 5.2	< 5.2	< 210	< 5.2	< 5.2
Bromodichloromethane	< 3.4	< 3.4	< 130	< 3.4	< 3.4
trans-1,2-Dichloroethene	< 2	< 2	< 79	< 2	< 2
4-Ethyltoluene	4.1	5.4	< 98	< 2.5	< 2.5
3-Chloropropene	< 1.6	< 1.6	< 63	< 1.6	< 1.6
2,2,4-Trimethylpentane	< 2.3	11	< 93	< 2.3	2.3
Bromoethene	< 2.2	< 2.2	< 87	< 2.2	< 2.2
2-Chlorotoluene	< 2.6	< 2.6	< 100	< 2.6	< 2.6
n-Hexane	120	32	92	2.4	8.1
Tetrahydrofuran	< 15	15	< 590	< 15	< 15
n-Heptane	< 2	4.9	< 82	< 2	2.7
1,2-Dichloroethene (total)	< 2	< 2	< 79	< 2	< 2
Xylene (total)	130	65	360	20	< 30
tert-Butyl Alcohol	< 15	< 15	< 610	< 15	< 15

Notes:
(1) Date mis-labeled on COC.
E - Result exceeded calibration range, secondary dilution required
µg/m³ - micrograms per cubic meter

TABLE 22 - SUMMARY OF VOCs IN SOIL GAS
Remedial Investigation Area
Atlas Park
Glendale, Queens

Sample ID	SG-6	SG-7	SG-8	SG-9
Collection Date	7/15/04	7/15/04	7/15/04[1]	7/15/04
Matrix	soil gas	soil gas	soil gas	soil gas
Units	µg/m³	µg/m³	µg/m³	µg/m³
Dilution Factor	1.0	4.0	1.0	1.0
Lab Report ID	579533	579526	579527	579534
Analyte				
Dichlorodifluoromethane	13	18	3.4	28
Chloromethane	1.1	< 4.1	1	< 1
Vinyl Chloride	< 1.3	< 5.1	< 1.3	< 1.3
Bromomethane	< 1.9	< 7.8	< 1.9	< 1.9
Chloroethane	< 1.3	< 5.3	< 1.3	< 1.3
Trichlorofluoromethane	220 E	790	14	< 2.8
Freon TF	4.5	< 15	< 3.8	< 3.8
1,1-Dichloroethene	2.7	25	< 2	< 2
Methylene Chloride	8.3	< 6.9	< 1.7	< 1.7
1,1-Dichloroethane	< 2	15	< 2	< 2
cis-1,2-Dichloroethene	< 2	< 7.9	< 2	< 2
Chloroform	110	160	< 2.4	< 2.4
1,1,1-Trichloroethane	130	260	3.2	< 2.7
Carbon Tetrachloride	6.9	13	< 3.1	< 3.1
Benzene	6.7	15	1.8	2.4
1,2-Dichloroethane	< 2	< 8.1	< 2	< 2
Trichloroethene	91	590	3.2	< 2.7
1,2-Dichloropropane	< 2.3	< 9.2	< 2.3	< 2.3
cis-1,3-Dichloropropene	< 2.3	< 9.1	< 2.3	< 2.3
Toluene	53	72	18	14
trans-1,3-Dichloropropene	< 2.3	< 9.1	< 2.3	< 2.3
1,1,2-Trichloroethane	< 2.7	< 11	< 2.7	< 2.7
Tetrachloroethene	180	880	14	4.6
Chlorobenzene	< 2.3	< 9.2	< 2.3	< 2.3
Ethylbenzene	20	56	13	10
Xylene (m,p)	65	250	52	42
Styrene	3.5	9.8	2.9	< 2.1
Xylene (o)	20	100	19	15
1,1,2,2-Tetrachloroethane	< 3.4	< 14	< 3.4	< 3.4
1,3-Dichlorobenzene	< 3	< 12	< 3	< 3
1,4-Dichlorobenzene	< 3	< 12	< 3	< 3
1,2-Dichlorobenzene	< 3	< 12	< 3	< 3
1,2,4-Trichlorobenzene	< 3.7	< 15	< 3.7	< 3.7
Hexachlorobutadiene	< 5.3	< 21	< 5.3	< 5.3
1,3,5-Trimethylbenzene	7.4	20	5.4	< 2.5
1,2,4-Trimethylbenzene	21	69	23	4.5
1,2-Dichlorotetrafluoroethane	< 3.5	< 14	< 3.5	< 3.5
1,2-Dibromoethane	< 3.8	< 15	< 3.8	< 3.8
1,3-Butadiene	< 1.1	< 4.4	< 1.1	< 1.1
Carbon Disulfide	< 1.6	< 6.2	< 1.6	< 1.6
Acetone	43	62	38	18
Isopropyl Alcohol	21	< 49	< 12	< 12
Methyl tert-Butyl Ether	< 1.8	< 7.2	< 1.8	< 1.8
Cyclohexane	4.1	< 6.9	< 1.7	< 1.7
Dibromochloromethane	< 4.3	< 17	< 4.3	< 4.3
Methyl Ethyl Ketone	5	< 5.9	18	4.1
1,4-Dioxane	< 18	< 72	< 18	< 18
Methyl Isobutyl Ketone	3.4	< 8.2	< 2	< 2
Methyl Butyl Ketone	< 2	< 8.2	< 2	< 2
Bromoform	< 5.2	< 21	< 5.2	< 5.2
Bromodichloromethane	< 3.4	< 13	< 3.4	< 3.4
trans-1,2-Dichloroethene	< 2	< 7.9	< 2	< 2
4-Ethyltoluene	26	45	15	3.9
3-Chloropropene	< 1.6	< 6.3	< 1.6	< 1.6
2,2,4-Trimethylpentane	3.4	11	< 2.3	2.4
Bromoethene	< 2.2	< 8.7	< 2.2	< 2.2
2-Chlorotoluene	< 2.6	< 10	< 2.6	< 2.6
n-Hexane	8.5	67	15	16
Tetrahydrofuran	< 15	< 59	< 15	< 15
n-Heptane	5.7	< 10	< 2	< 2
1,2-Dichloroethene (total)	< 2	< 7.9	< 2	< 2
Xylene (total)	87	360	69	56
tert-Butyl Alcohol	< 15	< 61	< 15	< 15

Notes:
(1) Date mis-labeled on COC.
E - Result exceeded calibration ran
µg/m³ - micrograms per cubic met

T 23
SUMMARY OF AMBIENT AIR SAMPLING RESULTS
Remedial Investigation Area
Atlas Park
Glendale, Queens

Sample ID Collection Date Matrix Units Dilution Factor Lab Report ID Analyte	New York State Department of Health Indoor Air 95th Percentile µg/m³	AMBIENT#1 7/15/04 soil gas µg/m³ 1.0 579528	AMBIENT#2 7/15/04 soil gas µg/m³ 1.0 579523	AMBIENT#3 7/16/04 soil gas µg/m³ 1.0 579524
Dichlorodifluoromethane	<5	2.9	2.9	3
Chloromethane	<10	1.5	1.4	1.6
Trichlorofluoromethane	5.9	< 2.8	**7.9**	< 3.7
Methylene Chloride	45	2.1	12	28
Trichloroethene	<10	< 2.7	< 2.7	3.1
Toluene	49	7.5	7.9	16
Tetrachloroethene	7.3	5.8	< 3.4	6.1
Ethylbenzene	6.5	< 2.2	< 2.2	3.7
Xylene (m,p)	21	3.3	6.1	7.4
Styrene	<10	< 2.1	2.2	**19**
Xylene (o)	7.9	< 2.2	2.3	2.6
Acetone	NA	23	15	33
n-Hexane	14	< 1.8	2.7	**39**

Notes:
µg/m³ - micrograms per cubic meter
(1) Date mis-labeled on COC.
E - Result exceeded calibration range, secondary dilution required
bold = Exceedance in NYSDOH Standards
NA = Not Available

Date	Description	No.
Revisions		

Langan
Engineering and Environmental Services
21 Penn Plaza
360 West 31st St, Suite 900
New York, NY 10001-2727
Phone: (212) 479-5400
Fax: (212) 479-5444
langan.com
• Elmwood Park, NJ
• Doylestown, PA
• Miami, FL
• New Haven, CT
• Philadelphia, PA

ATLAS PARK

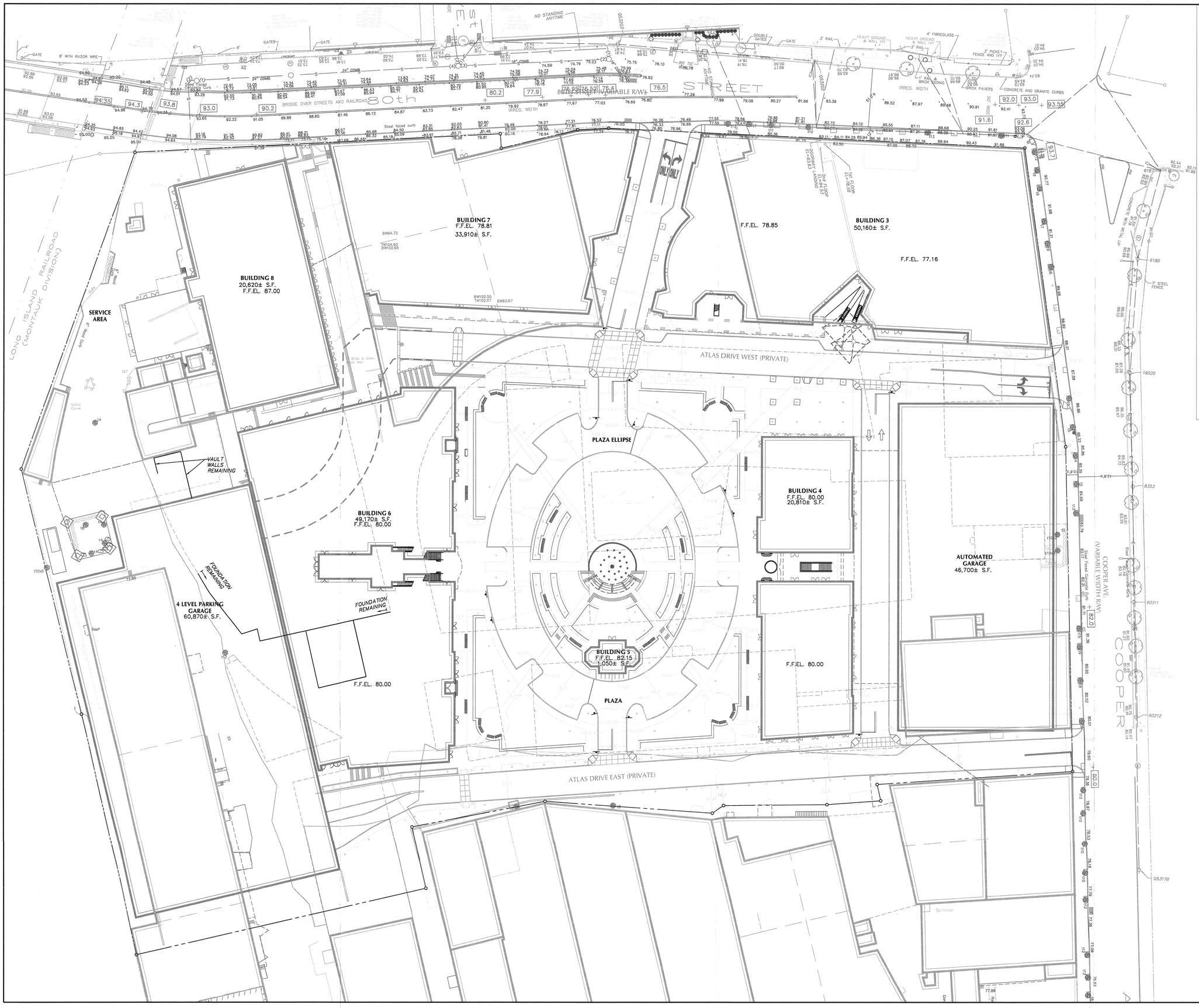
QUEENS NEW YORK

SITE LOCATION MAP

Job No.	5555107	Drawing No.
Date	07/09/04	1
Scale	1" = 30 '	
Drn. By	SMP	
Chkd. By	JR	

16215 ck140

Filename: U:\Data1\5555107\Cadd Data - 5555107\Dwg\Site Location Map.dwg Date: 3/14/2006 Time: 15:16 User: yaoho Style Table: Langan.stb Layout: E Size Sheet (Side)



LEGEND

PROPERTY BOUNDARY

EXISTING BUILDINGS

PROPOSED BUILDINGS

NOTES

1. BASE SURVEY PLAN WAS OBTAINED FROM A DRAWING TITLED CITY OF NEW YORK, COUNTY OF QUEENS, TAX BLOCK 3810, TAX LOT 2, BY MONTROSE SURVEYING CO., LLP. DATED 17 DECEMBER 2001 SUPPLIED BY ATCO.

2. ELEVATIONS ARE REFERENCED TO BOROUGH PRESIDENT OF QUEENS TOPOGRAPHICAL DATUM, WHICH IS 2.725 FT. ABOVE NGVD 1929 MEAN SEA LEVEL AT SANDY HOOK, NJ. (BPQ=USGS-2.725 FT).

3. PROPOSED SITE LAYOUT AND BUILDING LOCATIONS ARE TAKEN FROM THE LANGAN BASE DRAWING TITLED 5555111_sl01.

Date	Description	No.

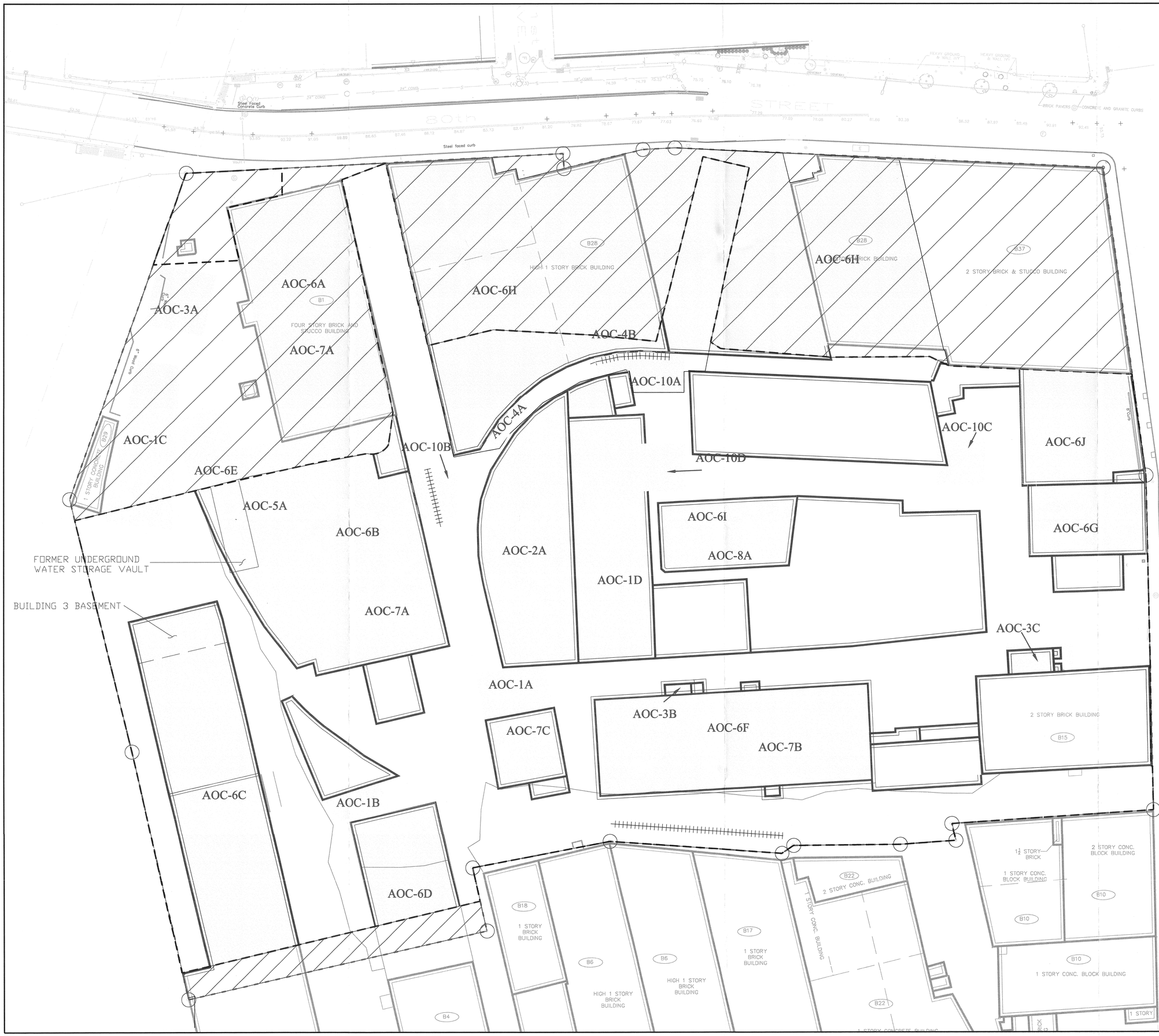
LANGAN
ENGINEERING & ENVIRONMENTAL SERVICES
21 Penn Plaza
360 West 31st Street, Suite 900
New York, NY 10001-2727
P: 212.479.5400 F: 212.479.5444
www.langan.com
NEW JERSEY PENNSYLVANIA NEW YORK CONNECTICUT FLORIDA
NJ Certificate of Authorization No: 24GA27996400

ATLAS PARK REMEDIAL INVESTIGATION

QUEENS NEW YORK

PROPOSED SITE PLAN

Project No. 5555107	Drawing No. 2
Date 1/12/04	
Scale 1" = 30'	
Drn. By SMP	
Chkd. By JR	



LEGEND:

- RI AREA
- IRM AREA BOUNDARY
- AREA OF CONCERN OUTLINE
- PROPERTY BOUNDARY
- FORMERLY EXISTING STRUCTURES IN IRM AREA

NOTES:

1. BASE SURVEY PLAN WAS OBTAINED FROM A DRAWING TITLED CITY OF NEW YORK, COUNTY OF QUEENS, TAX BLOCK 3810, TAX LOT 2, BY MONTROSE SURVEYING CO., LLP. DATED 17 DECEMBER 2001 SUPPLIED BY ATCO.
2. ELEVATIONS ARE REFERENCED TO BOROUGH PRESIDENT OF QUEENS TOPOGRAPHICAL DATUM, WHICH IS 2.725 FT ABOVE NGVD 1929 MEAN SEA LEVEL AT SANDY HOOK, NJ. (BPQ=USGS-2.725 FT)
3. PROPERTY INFORMATION ON THE WESTERN SIDE OF 80TH STREET HAS BEEN INTERPRETED FROM AERIAL PHOTOGRAPHS AND SKETCHES.
4. AOC-9A: HISTORICAL FILL MATERIAL FOUND THROUGHOUT ATLAS PARK (NOT SHOWN ON THE PLAN)

NAME DATE
PROFESSIONAL XXXXXXXXXXXXXX N.J. LIC. No.XXXXX

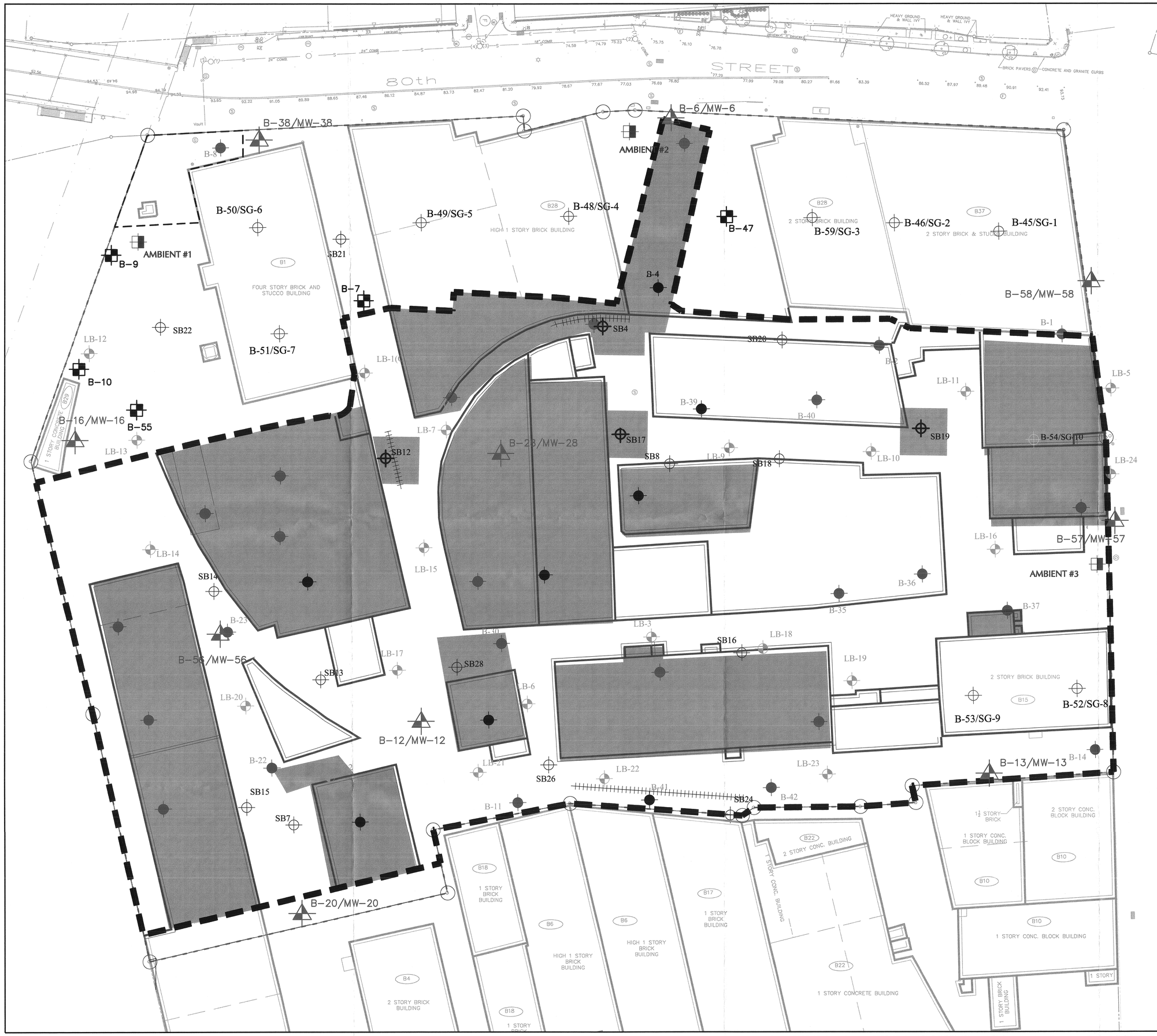
LANGAN
ENGINEERING & ENVIRONMENTAL SERVICES
21 Penn Plaza
360 West 31st Street, Suite 900
New York, NY 10001-2727
P: 212.479.5400 F: 212.479.5444
www.langan.com
NEW JERSEY PENNSYLVANIA NEW YORK CONNECTICUT FLORIDA
NJ Certificate of Authorization No: 24GA27996400

Project
ATLAS PARK REMEDIAL INVESTIGATION
QUEENS NEW YORK

Drawing Title
AREAS OF CONCERN

Project No. 5555107	Drawing No. 3
Date 1/12/04	
Scale 1" = 30'	
Drn. By SMP	
Chkd. By JR	

Filename: U:\Data1\5555107\Cadd Data – 5555107\Dwg\RI FIGURES\Areas of Concern.dwg Date: 3/8/2006 Time: 13:41 User: vsaha Style Table: Langan Color.stb Layout: AOCs



LEGEND:

- B-6 — IRM SOIL BORING LOCATION - LANGAN, DRILLED JANUARY AND FEBRUARY 2004
- B-55 — RI SOIL BORING LOCATION - LANGAN, DRILLED JULY AND AUGUST, 2004
- B-1/SG-1 — RI SOIL BORING AND SOIL GAS LOCATION
- LB-6 — GEOTECHNICAL BORING LOCATION - LANGAN, DRILLED OCTOBER 2002
- SB-17 — SOIL BORING LOCATION- METCALF & EDDY INVESTIGATION, DRILLED IN JAN 2002
- B-58/MW-58 — IRM/RI SOIL BORING AND MONITORING WELL LOCATIONS (EXCEPT LB-4 = PRIOR LANGAN GEOTECHNICAL WELL
- IRM BOUNDARY
- ATLAS PARK BOUNDARY

NOTES:

1. TEST BORINGS B - # WERE PERFORMED BY WARREN GEORGE, JERSEY BORING AND DRILLING CO., AND AQUIFER DRILLING AND TESTING IN JANUARY AND FEBRUARY 2004.
2. TEST BORINGS LB-1THROUGH LB-24 WERE PERFORMED BY JERSEY BORING AND DRILLING CO. BETWEEN 2 OCTOBER 2002 AND 22 OCTOBER 2002.
3. TEST BORINGS SB1 THROUGH SB29 WERE PERFORMED BY NFA/GDI BETWEEN 21 JANUARY 2002 AND 25 JANUARY 2004 AS PART OF METCALF AND EDDY'S LIMITED PHASE II ESI.
4. THE LOCATIONS OF THE METCALF & EDDY INVESTIGATION BORINGS SB1 THROUGH SB29 WERE OBTAINED FROM A DRAWING TITLED FIGURE 2- LOCATION OF BORINGS, ATLAS TERMINAL, BY METCALF & EDDY, DATED JANUARY 2002 SUPPLIED BY ATCO.
5. BASE SURVEY PLAN WAS OBTAINED FROM A DRAWING TITLED CITY OF NEW YORK, COUNTY OF QUEENS, TAX BLOCK 3810, TAX LOT 2, BY MONTROSE SURVEYING CO., LLP. DATED 17 DECEMBER 2001 SUPPLIED BY ATCO.
6. ELEVATIONS ARE REFERENCED TO BOROUGH PRESIDENT OF QUEENS TOPOGRAPHICAL DATUM, WHICH IS 2.725 FT ABOVE NGVD 1929 MEAN SEA LEVEL AT SANDY HOOK, NJ. (BPQ=USGS-2.725 FT)

NAME DATE
PROFESSIONAL XXXXXXXXXXXXX N.J. LIC. No.XXXXX

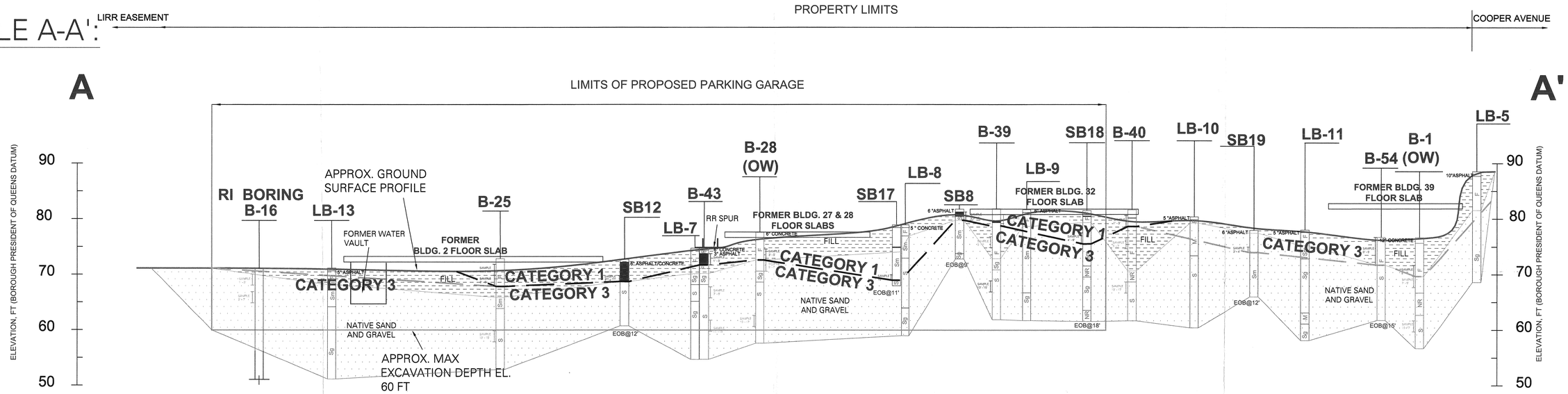
LANGAN
ENGINEERING & ENVIRONMENTAL SERVICES
21 Penn Plaza
360 West 31st Street, Suite 900
New York, NY 10001-2727
P: 212.479.5400 F: 212.479.5444
www.langan.com
NEW JERSEY PENNSYLVANIA NEW YORK CONNECTICUT FLORIDA
NJ Certificate of Authorization No: 24GA27996400

Project
ATLAS PARK REMEDIAL INVESTIGATION
QUEENS NEW YORK

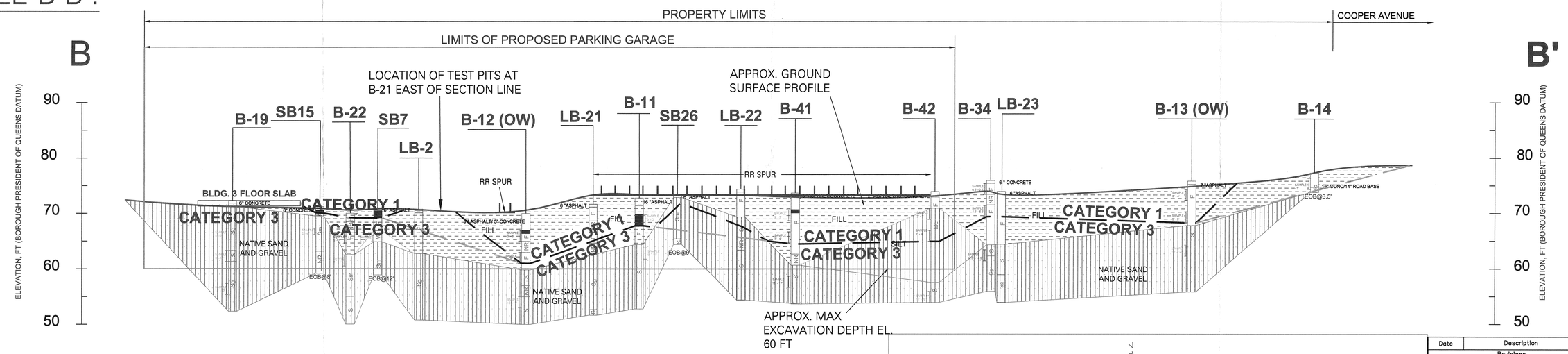
Drawing Title
RI AND IRM SAMPLING LOCATIONS

Project No. 5555107	Drawing No. 4
Date 1/12/05	
Scale 1" = 30'	
Drn. By SMP	
Chkd. By JR	

PROFILE A-A':



PROFILE B-B':



Date	Description	No.
Revisions		

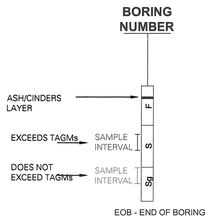
NOTES:

1. TEST BORINGS B-# WERE PERFORMED BY WARREN GEORGE, JERSEY BORING AND DRILLING CO., AND AQUIFER DRILLING AND TESTING IN JANUARY AND FEBURARY 2004 UNDER FULL TIME CONTROLLED INSPECTION BY LANGAN REPRESENTATIVES.
2. TEST BORINGS LB-1 THROUGH LB-24 WERE PERFORMED BY JERSEY BORING AND DRILLING CO. BETWEEN 2 OCTOBER 2002 AND 22 OCTOBER 2002 UNDER FULL TIME CONTROLLED INSPECTION BY LANGAN REPRESENTATIVES.
3. TEST BORINGS SB1 THROUGH SB29 WERE PERFORMED BY NFA/GDI BETWEEN 21 JANUARY 2002 AND 25 JANUARY 2002 AS PART OF METCALF AND EDDY'S LIMITED PHASE II ESI.
4. BORING ELEVATIONS AND SURROUNDING GRADES ARE ESTIMATED FROM A DRAWING TITLED "CITY OF NEW YORK, COUNTY OF QUEENS, TAX BLOCK 3810, TAX LOT 2," BY MONTROSE SURVEYING CO., LLP, DATED 17 DECEMBER 2001, PROVIDED BY ATCO.
5. ELEVATIONS ARE REFERENCED TO BOROUGH PRESIDENT OF QUEENS TOPOGRAPHICAL DATUM, WHICH IS 2.725 FT ABOVE NGVD 1929 MEAN SEA LEVEL AT SANDY HOOK, NJ. (BPQ = USGS - 2.725 FT)

LEGEND

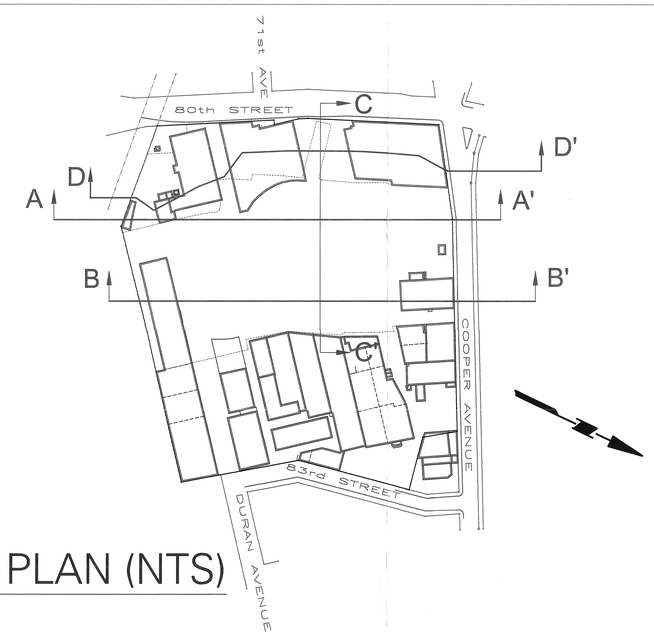
- S — SAND
- Sg — GRAVELLY SAND
- Mc — SILTY CLAY
- M — SILT
- NR — NO RECOVERY
- F — MISCELLANEOUS FILL
- Sm — SILTY SAND
- EXCAVATION LIMITS
- FORMER CONTAMINATED FILL LIMIT
- CONTAMINATED FILL LIMIT
- HISTORIC FILL MATERIAL
- SANDY AND/OR GRAVELLY SOILS (NATIVE)
- SILTY SOILS (NATIVE)

BORING KEY



NOTE:

1. SAMPLE INTERVAL IS RED WHERE CONCENTRATIONS EXCEED NYSDEC TAGM RSCO'S.



KEY PLAN (NTS)

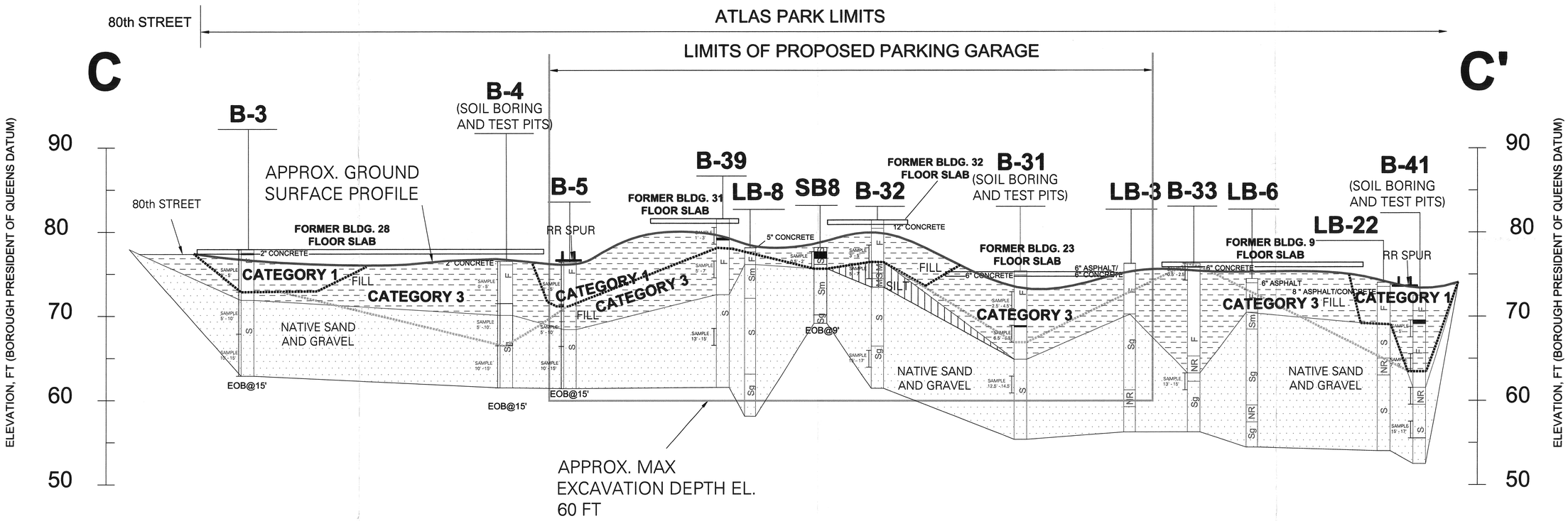
Langan Engineering and Environmental Services
21 Penn Plaza
360 West 31st St, Suite 900
New York, NY 10001-2727
Phone: (212) 479-5400
Fax: (212) 479-5444
langan.com
• Elmwood Park, NJ
• Doylestown, PA
• Miami, FL
• New Haven, CT
• Philadelphia, PA

ATLAS PARK REMEDIAL INVESTIGATION

QUEENS NEW YORK

PROFILE A-A'
PROFILE B-B'

Job No.	5555107	Drawing No.
Date	1/12/05	5
Scale	1" = 30' H 1" = 8' V	
Drn. By	JPB	
Chkd. By	JR	



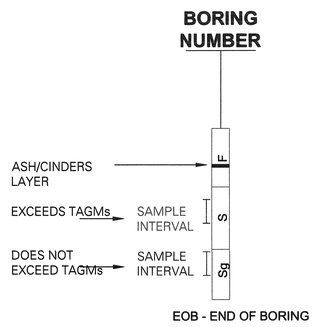
NOTES:

1. TEST BORINGS B-# WERE PERFORMED BY WARREN GEORGE, JERSEY BORING AND DRILLING CO., AND AQUIFER DRILLING AND TESTING IN JANUARY AND FEBRUARY 2004 UNDER FULL TIME CONTROLLED INSPECTION BY LANGAN REPRESENTATIVES.
2. TEST BORINGS LB-1 THROUGH LB-24 WERE PERFORMED BY JERSEY BORING AND DRILLING CO. BETWEEN 2 OCTOBER 2002 AND 22 OCTOBER 2002 UNDER FULL TIME CONTROLLED INSPECTION BY LANGAN REPRESENTATIVES.
3. TEST BORINGS SB1 THROUGH SB29 WERE PERFORMED BY NFA/GDI BETWEEN 21 JANUARY 2002 AND 25 JANUARY 2002 AS PART OF METCALF AND EDDY'S LIMITED PHASE II ESI.
4. BORING ELEVATIONS AND SURROUNDING GRADES ARE ESTIMATED FROM A DRAWING TITLED "CITY OF NEW YORK, COUNTY OF QUEENS, TAX BLOCK 3810, TAX LOT 2," BY MONTROSE SURVEYING CO., LLP, DATED 17 DECEMBER 2001, PROVIDED BY ATCO.
5. ELEVATIONS ARE REFERENCED TO BOROUGH PRESIDENT OF QUEENS TOPOGRAPHICAL DATUM, WHICH IS 2.725 FT ABOVE NGVD 1929 MEAN SEA LEVEL AT SANDY HOOK, NJ. (BPQ = USGS - 2.725 FT)

LEGEND

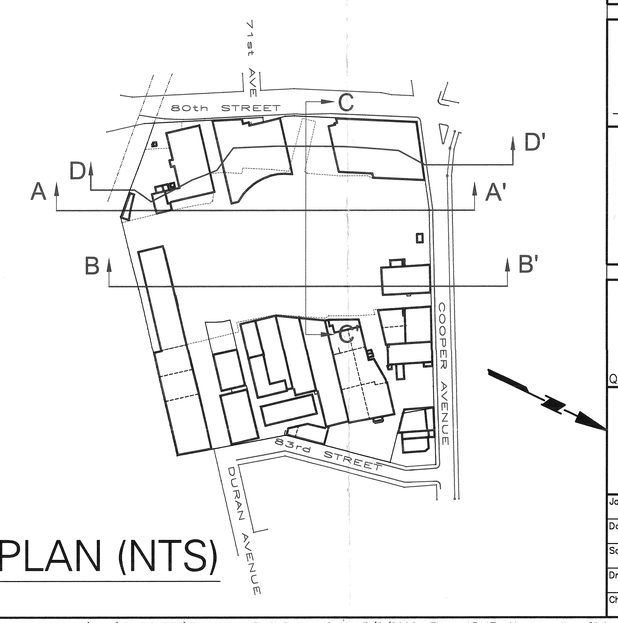
S	SAND	F	MISCELLANEOUS FILL
Sg	GRAVELLY SAND	Sm	SILTY SAND
Mc	SILTY CLAY		EXCAVATION LIMITS
			CONTAMINATED FILL LIMIT
M	SILT		FORMER CONTAMINATED FILL LIMIT
NR	NO RECOVERY		HISTORIC FILL MATERIAL
			SANDY AND/OR GRAVELLY SOILS (NATIVE)
			SILTY SOILS (NATIVE)

BORING KEY



NOTE:

1. SAMPLE INTERVAL IS RED WHERE CONCENTRATIONS EXCEED NYSDEC TAGM RSCO'S.



KEY PLAN (NTS)

Date	Description	No.
Revisions		

Langan Engineering and Environmental Services
21 Penn Plaza
360 West 31st St, Suite 900
New York, NY 10001-2727
Phone: (212) 479-5400
Fax: (212) 479-5444
langan.com
• Elmwood Park, NJ
• Doylestown, PA
• Miami, FL
• New Haven, CT
• Philadelphia, PA

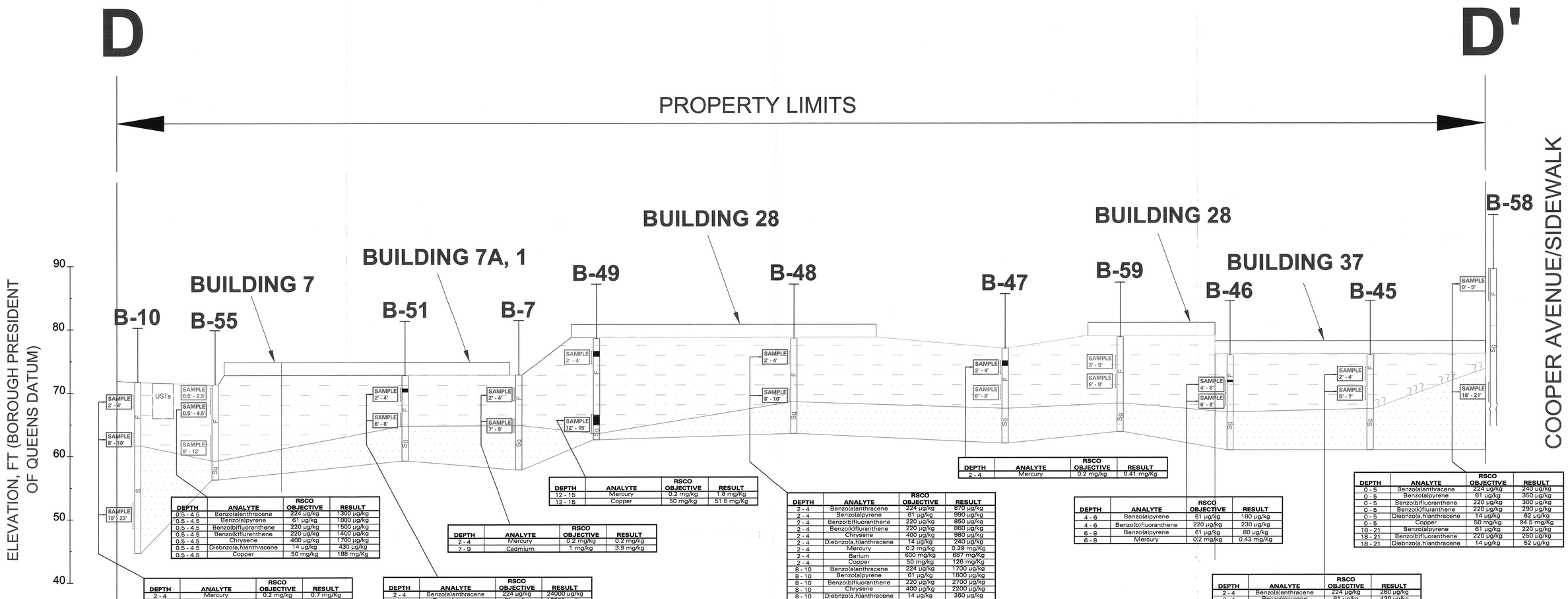
ATLAS PARK REMEDIAL INVESTIGATION

QUEENS NEW YORK

PROFILE C-C'

Job No.	5555107	Drawing No.
Date	1/12/05	6
Scale	1" = 30' H 1" = 8' V	
Drn. By	JPB	
Chkd. By	JR	

Filename: U:\Data1\5555107\Cadd Data – 5555107\Dwg\RI FIGURES\Profiles_A_B_C_D.dwg Date: 3/8/2006 Time: 13:47 User: ysaha Style Table: Langan.stb Layout: C–C' (E–side)



DEPTH	ANALYTE	RSCO OBJECTIVE	RESULT
0.5 - 4.5	Benzo(a)anthracene	224 µg/Kg	1300 µg/Kg
0.5 - 4.5	Benzo(a)pyrene	61 µg/Kg	1800 µg/Kg
0.5 - 4.5	Benzo(b)fluoranthene	220 µg/Kg	1500 µg/Kg
0.5 - 4.5	Benzo(k)fluoranthene	220 µg/Kg	1400 µg/Kg
0.5 - 4.5	Chrysene	400 µg/Kg	1700 µg/Kg
0.5 - 4.5	Diebnzo(a,h)anthracene	14 µg/Kg	430 µg/Kg
0.5 - 4.5	Copper	50 mg/Kg	188 mg/Kg

DEPTH	ANALYTE	RSCO OBJECTIVE	RESULT
2 - 4	Mercury	0.2 mg/Kg	0.7 mg/Kg
8 - 10	Mercury	0.2 mg/Kg	0.51 mg/Kg
8 - 10	Arsenic	12 mg/Kg	14.4 mg/Kg
19 - 23	Chrysene	400 µg/Kg	600 µg/Kg

DEPTH	ANALYTE	RSCO OBJECTIVE	RESULT
2 - 4	Benzo(a)anthracene	224 µg/Kg	24000 µg/Kg
2 - 4	Benzo(a)pyrene	61 µg/Kg	16000 µg/Kg
2 - 4	Benzo(b)fluoranthene	220 µg/Kg	18000 µg/Kg
2 - 4	Benzo(k)fluranthene	220 µg/Kg	13000 µg/Kg
2 - 4	Chrysene	400 µg/Kg	26000 µg/Kg
2 - 4	Diebnzo(a,h)anthracene	14 µg/Kg	4800 µg/Kg
2 - 4	Fluranthene	50000 µg/Kg	88000 µg/Kg
2 - 4	Indeno(1,2,3-cd)pyrene	3200 µg/Kg	13000 µg/Kg
2 - 4	Mercury	0.2 mg/Kg	0.23 mg/Kg
6 - 8	Benzo(a)pyrene	61 µg/Kg	89 µg/Kg
6 - 8	Benzo(b)fluoranthene	220 µg/Kg	270 µg/Kg

DEPTH	ANALYTE	RSCO OBJECTIVE	RESULT
12 - 15	Mercury	0.2 mg/Kg	1.8 mg/Kg
12 - 15	Copper	50 mg/Kg	51.6 mg/Kg

DEPTH	ANALYTE	RSCO OBJECTIVE	RESULT
2 - 4	Mercury	0.2 mg/Kg	0.2 mg/Kg
7 - 9	Cadmium	1 mg/Kg	3.9 mg/Kg

DEPTH	ANALYTE	RSCO OBJECTIVE	RESULT
2 - 4	Benzo(a)anthracene	224 µg/Kg	870 µg/Kg
2 - 4	Benzo(a)pyrene	61 µg/Kg	990 µg/Kg
2 - 4	Benzo(b)fluoranthene	220 µg/Kg	850 µg/Kg
2 - 4	Benzo(k)fluoranthene	220 µg/Kg	860 µg/Kg
2 - 4	Chrysene	400 µg/Kg	980 µg/Kg
2 - 4	Diebnzo(a,h)anthracene	14 µg/Kg	240 µg/Kg
2 - 4	Mercury	0.2 mg/Kg	0.29 mg/Kg
2 - 4	Barium	600 mg/Kg	687 mg/Kg
2 - 4	Copper	50 mg/Kg	126 mg/Kg
8 - 10	Benzo(a)anthracene	224 µg/Kg	1700 µg/Kg
8 - 10	Benzo(a)pyrene	61 µg/Kg	1800 µg/Kg
8 - 10	Benzo(b)fluoranthene	220 µg/Kg	2700 µg/Kg
8 - 10	Chrysene	400 µg/Kg	2200 µg/Kg
8 - 10	Diebnzo(a,h)anthracene	14 µg/Kg	260 µg/Kg
8 - 10	Copper	50 mg/Kg	870 mg/Kg

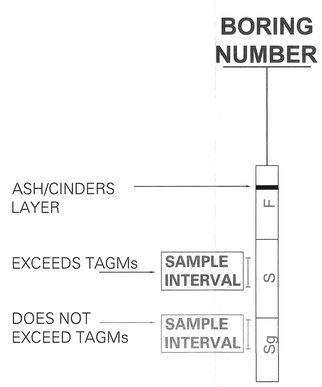
DEPTH	ANALYTE	RSCO OBJECTIVE	RESULT
2 - 4	Mercury	0.2 mg/Kg	0.41 mg/Kg

DEPTH	ANALYTE	RSCO OBJECTIVE	RESULT
4 - 6	Benzo(a)pyrene	61 µg/Kg	180 µg/Kg
4 - 6	Benzo(b)fluoranthene	220 µg/Kg	230 µg/Kg
6 - 8	Benzo(a)pyrene	61 µg/Kg	80 µg/Kg
6 - 8	Mercury	0.2 mg/Kg	0.43 mg/Kg

DEPTH	ANALYTE	RSCO OBJECTIVE	RESULT
0 - 5	Benzo(a)anthracene	224 µg/Kg	240 µg/Kg
0 - 5	Benzo(a)pyrene	61 µg/Kg	350 µg/Kg
0 - 5	Benzo(b)fluoranthene	220 µg/Kg	300 µg/Kg
0 - 5	Benzo(k)fluranthene	220 µg/Kg	290 µg/Kg
0 - 5	Diebnzo(a,h)anthracene	14 µg/Kg	62 µg/Kg
0 - 5	Copper	50 mg/Kg	94.5 mg/Kg
18 - 21	Benzo(a)pyrene	61 µg/Kg	220 µg/Kg
18 - 21	Benzo(b)fluoranthene	220 µg/Kg	250 µg/Kg
18 - 21	Diebnzo(a,h)anthracene	14 µg/Kg	52 µg/Kg

DEPTH	ANALYTE	RSCO OBJECTIVE	RESULT
2 - 4	Benzo(a)anthracene	224 µg/Kg	260 µg/Kg
2 - 4	Benzo(a)pyrene	61 µg/Kg	430 µg/Kg
2 - 4	Benzo(b)fluoranthene	220 µg/Kg	320 µg/Kg
2 - 4	Benzo(k)fluranthene	220 µg/Kg	430 µg/Kg
2 - 4	Diebnzo(a,h)anthracene	14 µg/Kg	84 µg/Kg
2 - 4	Mercury	0.2 mg/Kg	0.21 mg/Kg
5 - 7	Benzo(a)anthracene	224 µg/Kg	430 µg/Kg
5 - 7	Benzo(a)pyrene	61 µg/Kg	970 µg/Kg
5 - 7	Benzo(b)fluoranthene	220 µg/Kg	650 µg/Kg
5 - 7	Benzo(k)fluranthene	220 µg/Kg	850 µg/Kg
5 - 7	Chrysene	400 µg/Kg	540 µg/Kg
5 - 7	Diebnzo(a,h)anthracene	14 µg/Kg	95 µg/Kg

BORING KEY

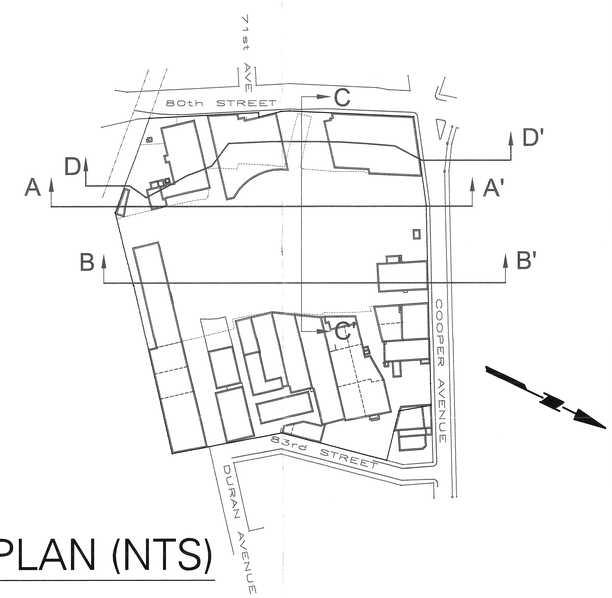


LEGEND

S	SAND	F	MISCELLANEOUS FILL
Sg	GRAVELLY SAND	Sm	SILTY SAND
Mc	SILTY CLAY		HISTORIC FILL MATERIAL
M	SILT		SANDY AND/OR GRAVELLY SOILS (NATIVE)
NR	NO RECOVERY		SILTY SOILS (NATIVE)

NOTE:

1. SAMPLE INTERVAL IS RED WHERE CONCENTRATIONS EXCEED NYSDEC TAGM RSCO'S.



KEY PLAN (NTS)

No.	Description
	Revisions
X	

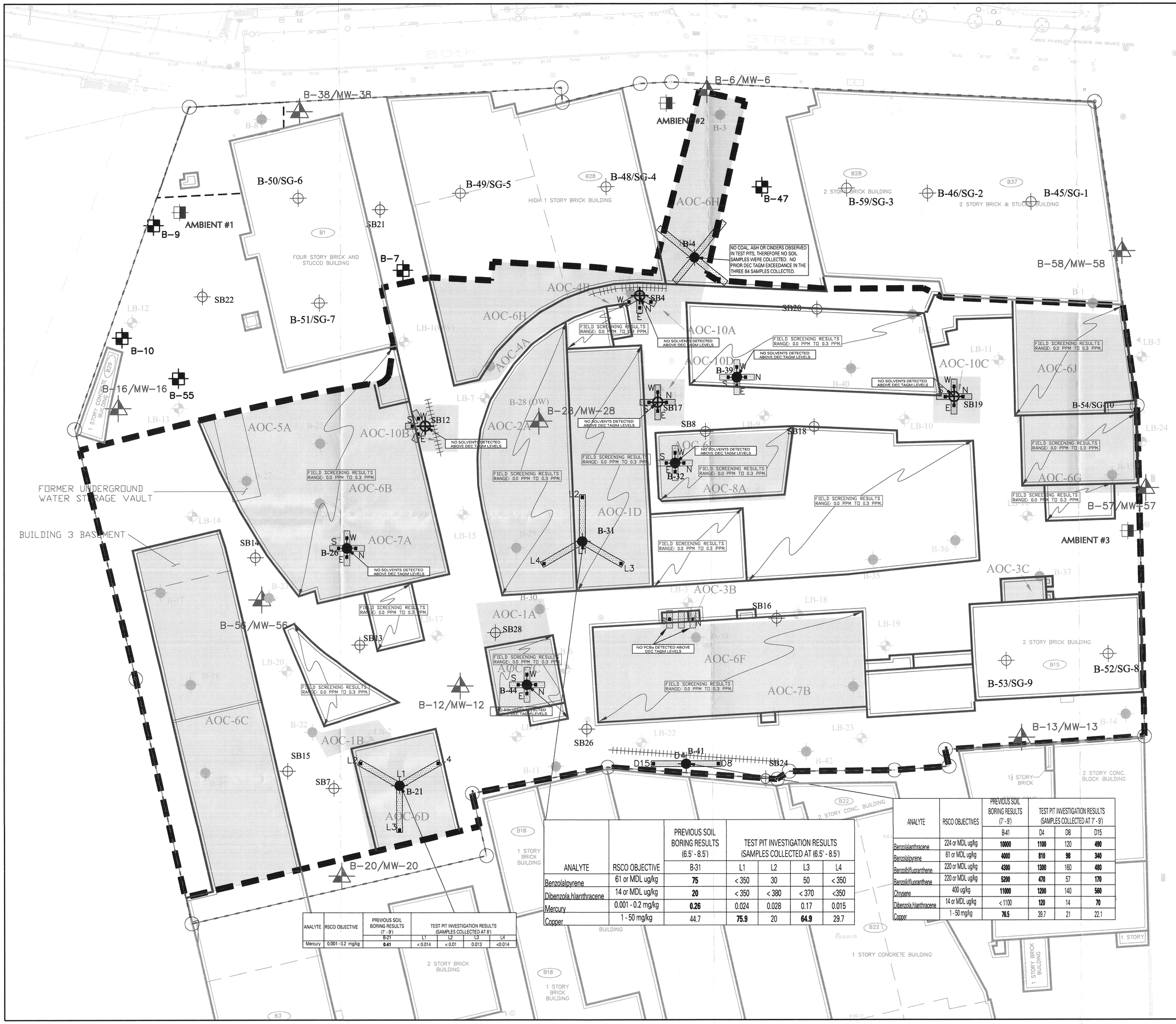
Langan Engineering and Environmental Services
21 Penn Plaza
360 West 31st St, Suite 900
New York, NY 10001-2727
Phone: (212) 479-5400
Fax: (212) 479-5444
langan.com
• Elmwood Park, NJ
• Doylestown, PA
• Miami, FL
• New Haven, CT
• Philadelphia, PA

ATLAS PARK REMEDIAL INVESTIGATION

QUEENS NEW YORK

PROFILE D-D'

Job No.	5555107
Date	1/12/05
Scale	1" = 20' H 1" = 5' V
Drn. By	SMP
Chkd. By	JR
Drawing No.	7



ANALYTE	RSCO OBJECTIVE	PREVIOUS SOIL BORING RESULTS (7' - 9')	TEST PIT INVESTIGATION RESULTS (SAMPLES COLLECTED AT 8')			
		B-21	L1	L2	L3	L4
Mercury	0.001 - 0.2 mg/kg	**0.41**	< 0.014	< 0.01	0.013	<0.014

ANALYTE	RSCO OBJECTIVE	PREVIOUS SOIL BORING RESULTS (6.5' - 8.5')	TEST PIT INVESTIGATION RESULTS (SAMPLES COLLECTED AT (6.5' - 8.5')			
		B-31	L1	L2	L3	L4
Benzo(a)pyrene	61 or MDL ug/kg	**75**	< 350	30	50	< 350
Dibenzo(a,h)anthracene	14 or MDL ug/kg	**20**	< 350	< 380	< 370	<350
Mercury	0.001 - 0.2 mg/kg	**0.26**	0.024	0.028	0.17	0.015
Copper	1 - 50 mg/kg	44.7	**75.9**	20	**64.9**	29.7

ANALYTE	RSCO OBJECTIVES	PREVIOUS SOIL BORING RESULTS (7' - 9')	TEST PIT INVESTIGATION RESULTS (SAMPLES COLLECTED AT 7' - 9')		
		B-41	D4	D8	D15
Benzo(a)anthracene	224 or MDL ug/kg	**10000**	**1100**	120	**490**
Benzo(a)pyrene	61 or MDL ug/kg	**4000**	**810**	**98**	**340**
Benzo(b)fluoranthene	220 or MDL ug/kg	**4300**	**1300**	160	**480**
Benzo(k)fluoranthene	220 or MDL ug/kg	**5200**	**470**	57	**170**
Chrysene	400 ug/kg	**11000**	**1200**	140	**560**
Dibenzo(a,h)anthracene	14 or MDL ug/kg	< 1100	**120**	14	**70**
Copper	1 - 50 mg/kg	**76.5**	39.7	21	22.1

LEGEND:

- B-6 — IRM SOIL BORING LOCATION - LANGAN, DRILLED JANUARY AND FEBRUARY 2004
- B-55 — RI SOIL BORING LOCATION - LANGAN, DRILLED JULY AND AUGUST, 2004
- B-1/SG-1 — RI SOIL BORING AND SOIL GAS LOCATION - LANGAN, DRILLED JULY AND AUGUST 2004
- LB-6 — GEOTECHNICAL BORING LOCATION - LANGAN, DRILLED OCTOBER 2002
- SB-17 — SOIL BORING LOCATION- METCALF & EDDY INVESTIGATION, DRILLED IN JAN 2002
- B-58/MW-58 — IRM/RI SOIL BORING AND MONITORING WELL LOCATIONS (EXCEPT LB-4 = PRIOR LANGAN GEOTECHNICAL WELL
- IRM BOUNDARY
- AREAS OF CONCERN IDENTIFIED FROM HISTORICAL INFORMATION PRIOR TO THE IRM SITE INVESTIGATION
- ATLAS PARK BOUNDARY
- TEST PITS AT PRIOR IRM SOIL BORING LOCATIONS WITH EXCEEDANCES OF DEC TAGM LEVEL(s) FOR SVOCs AND/OR METALS (EXCEPT B-4, COAL OBSERVED)
- TEST PITS AT PRIOR METCALF AND EDDY SOIL BORING LOCATIONS WITH SOLVENT DETECTIONS (BELOW DEC TAGM LEVELS)
- TEST PITS AT IRM SOIL BORING LOCATIONS WITH SOLVENT DETECTIONS (BELOW DEC TAGM LEVELS), AND AT FORMER TRANSFORMER PAD (AOC-3B)
- N — SOLVENT HOT SPOT ENDPOINT SOIL SAMPLE LOCATION FROM TEST PIT (N= NORTH TEST PIT EXTENSION)
- RESULTS FOR SHALLOW SOIL SCREENING FOR VOCs BENEATH FORMER BUILDINGS FOLLOWING DEMOLITION/REMOVAL

NOTES:

1. TEST BORINGS B - # WERE PERFORMED BY WARREN GEORGE, JERSEY BORING AND DRILLING CO., AND AQUIFER DRILLING AND TESTING IN JANUARY AND FEBRUARY 2004.
2. TEST BORINGS LB-1THROUGH LB-24 WERE PERFORMED BY JERSEY BORING AND DRILLING CO. BETWEEN 2 OCTOBER 2002 AND 22 OCTOBER 2002.
3. TEST BORINGS SB1 THROUGH SB29 WERE PERFORMED BY NFA/GDI BETWEEN 21 JANUARY 2002 AND 25 JANUARY 2004 AS PART OF METCALF AND EDDY'S LIMITED PHASE II ESI.
4. THE LOCATIONS OF THE METCALF & EDDY INVESTIGATION BORINGS SB1 THROUGH SB29 WERE OBTAINED FROM A DRAWING TITLED FIGURE 2- LOCATION OF BORINGS, ATLAS TERMINAL, BY METCALF & EDDY, DATED JANUARY 2002 SUPPLIED BY ATCO.
5. BASE SURVEY PLAN WAS OBTAINED FROM A DRAWING TITLED CITY OF NEW YORK, COUNTY OF QUEENS, TAX BLOCK 3810, TAX LOT 2, BY MONTROSE SURVEYING CO., LLP. DATED 17 DECEMBER 2001 SUPPLIED BY ATCO.
6. ELEVATIONS ARE REFERENCED TO BOROUGH PRESIDENT OF QUEENS TOPOGRAPHICAL DATUM, WHICH IS 2.725 FT ABOVE NGVD 1929 MEAN SEA LEVEL AT SANDY HOOK, NJ. (BPQ=USGS-2.725 FT)

Date	Description	No.
	Revisions	

LANGAN
ENGINEERING & ENVIRONMENTAL SERVICES
21 Penn Plaza
360 West 31st Street, Suite 900
New York, NY 10001-2727
P: 212.479.5400 F: 212.479.5444
www.langan.com
NEW JERSEY PENNSYLVANIA NEW YORK CONNECTICUT FLORIDA
NJ Certificate of Authorization No: 24GA27996400

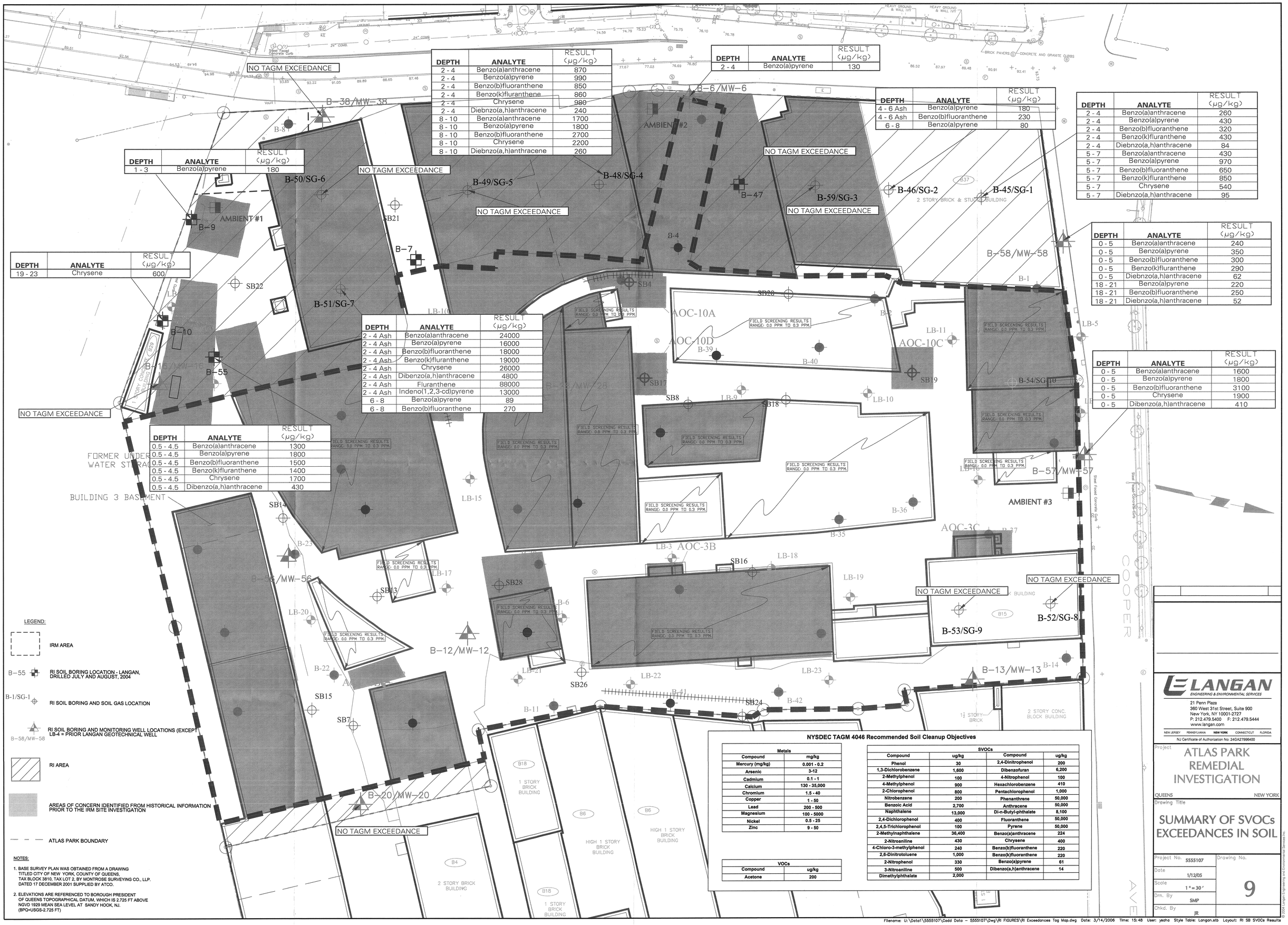
ATLAS PARK REMEDIAL INVESTIGATION

QUEENS NEW YORK

Drawing Title

PRE-IRM FIELD INVESTIGATION AND FINDINGS

Project No. 5555107	Drawing No. 8
Date 1/12/05	
Scale 1" = 30'	
Drn. By SMP	
Chkd. By JR	



DEPTH	ANALYTE	RESULT (µg/kg)
2 - 4	Benzo(a)anthracene	870
2 - 4	Benzo(a)pyrene	990
2 - 4	Benzo(b)fluoranthene	850
2 - 4	Benzo(k)fluranthene	860
2 - 4	Chrysene	980
2 - 4	Diebnzo(a,h)anthracene	240
8 - 10	Benzo(a)anthracene	1700
8 - 10	Benzo(a)pyrene	1800
8 - 10	Benzo(b)fluoranthene	2700
8 - 10	Chrysene	2200
8 - 10	Diebnzo(a,h)anthracene	260

DEPTH	ANALYTE	RESULT (µg/kg)
2 - 4	Benzo(a)pyrene	130

DEPTH	ANALYTE	RESULT (µg/kg)
4 - 6 Ash	Benzo(a)pyrene	180
4 - 6 Ash	Benzo(b)fluoranthene	230
6 - 8	Benzo(a)pyrene	80

DEPTH	ANALYTE	RESULT (µg/kg)
2 - 4	Benzo(a)anthracene	260
2 - 4	Benzo(a)pyrene	430
2 - 4	Benzo(b)fluoranthene	320
2 - 4	Benzo(k)fluranthene	430
2 - 4	Diebnzo(a,h)anthracene	84
5 - 7	Benzo(a)anthracene	430
5 - 7	Benzo(a)pyrene	970
5 - 7	Benzo(b)fluoranthene	650
5 - 7	Benzo(k)fluranthene	850
5 - 7	Chrysene	540
5 - 7	Diebnzo(a,h)anthracene	95

DEPTH	ANALYTE	RESULT (µg/kg)
1 - 3	Benzo(a)pyrene	180

DEPTH	ANALYTE	RESULT (µg/kg)
19 - 23	Chrysene	600

DEPTH	ANALYTE	RESULT (µg/kg)
0 - 5	Benzo(a)anthracene	240
0 - 5	Benzo(a)pyrene	350
0 - 5	Benzo(b)fluoranthene	300
0 - 5	Benzo(k)fluranthene	290
0 - 5	Diebnzo(a,h)anthracene	62
18 - 21	Benzo(a)pyrene	220
18 - 21	Benzo(b)fluoranthene	250
18 - 21	Diebnzo(a,h)anthracene	52

DEPTH	ANALYTE	RESULT (µg/kg)
2 - 4 Ash	Benzo(a)anthracene	24000
2 - 4 Ash	Benzo(a)pyrene	16000
2 - 4 Ash	Benzo(b)fluoranthene	18000
2 - 4 Ash	Benzo(k)fluranthene	19000
2 - 4 Ash	Chrysene	26000
2 - 4 Ash	Dibenzo(a,h)anthracene	4800
2 - 4 Ash	Fluranthene	88000
2 - 4 Ash	Indeno(1,2,3-cd)pyrene	13000
6 - 8	Benzo(a)pyrene	89
6 - 8	Benzo(b)fluoranthene	270

DEPTH	ANALYTE	RESULT (µg/kg)
0 - 5	Benzo(a)anthracene	1600
0 - 5	Benzo(a)pyrene	1800
0 - 5	Benzo(b)fluoranthene	3100
0 - 5	Chrysene	1900
0 - 5	Dibenzo(a,h)anthracene	410

DEPTH	ANALYTE	RESULT (µg/kg)
0.5 - 4.5	Benzo(a)anthracene	1300
0.5 - 4.5	Benzo(a)pyrene	1800
0.5 - 4.5	Benzo(b)fluoranthene	1500
0.5 - 4.5	Benzo(k)fluranthene	1400
0.5 - 4.5	Chrysene	1700
0.5 - 4.5	Dibenzo(a,h)anthracene	430

NYSDEC TAGM 4046 Recommended Soil Cleanup Objectives

Metals

Compound	mg/kg
Mercury (mg/kg)	0.001 - 0.2
Arsenic	3-12
Cadmium	0.1 - 1
Calcium	130 - 35,000
Chromium	1.5 - 40
Copper	1 - 50
Lead	200 - 500
Magnesium	100 - 5000
Nickel	0.5 - 25
Zinc	9 - 50

VOCs

Compound	ug/kg
Acetone	200

SVOCs

Compound	ug/kg	Compound	ug/kg
Phenol	30	2,4-Dinitrophenol	200
1,3-Dichlorobenzene	1,600	Dibenzofuran	6,200
2-Methylphenol	100	4-Nitrophenol	100
4-Methylphenol	900	Hexachlorobenzene	410
2-Chlorophenol	800	Pentachlorophenol	1,000
Nitrobenzene	200	Phenanthrene	50,000
Benzoic Acid	2,700	Anthracene	50,000
Naphthalene	13,000	Di-n-Butyl-phthalate	8,100
2,4-Dichlorophenol	400	Fluoranthene	50,000
2,4,5-Trichlorophenol	100	Pyrene	50,000
2-Methylnaphthalene	36,400	Benzo(a)anthracene	224
2-Nitroaniline	430	Chrysene	400
4-Chloro-3-methylphenol	240	Benzo(b)fluoranthene	220
2,6-Dinitrotoluene	1,000	Benzo(k)fluoranthene	220
2-Nitrophenol	330	Benzo(a)pyrene	61
3-Nitroaniline	500	Dibenzo(a,h)anthracene	14
Dimethylphthalate	2,000		

LANGAN
ENGINEERING & ENVIRONMENTAL SERVICES
21 Penn Plaza
360 West 31st Street, Suite 900
New York, NY 10001-2727
P: 212.479.5400 F: 212.479.5444
www.langan.com
NEW JERSEY PENNSYLVANIA NEW YORK CONNECTICUT FLORIDA
NJ Certificate of Authorization No: 24GA27996400

Project
ATLAS PARK REMEDIAL INVESTIGATION
QUEENS NEW YORK

Drawing Title
SUMMARY OF SVOCs EXCEEDANCES IN SOIL

Project No. 5555107	Drawing No. 9
Date 1/12/05	
Scale 1" = 30'	
Drn. By SMP	
Chkd. By JR	

Filename: U:\Data1\5555107\Cadd Data - 5555107\Dwg\RI FIGURES\RI Exceedances Tag Map.dwg Date: 3/14/2006 Time: 15:48 User: yacha Style Table: Langan.stb Layout: RI SB SVOCs Results

DEPTH	ANALYTE	RESULT
1 - 3	Mercury	0.4 mg/Kg
1 - 3	Copper	63.1 mg/Kg

DEPTH	ANALYTE	RESULT
3 - 5	Copper	80.5 mg/Kg

DEPTH	ANALYTE	RESULT
7 - 9	Cadmium	3.9 mg/kg

DEPTH	ANALYTE	RESULT
12 - 15	Mercury	1.8 mg/Kg
12 - 15	Copper	51.6 mg/Kg

DEPTH	ANALYTE	RESULT
2 - 4	Mercury	0.7 mg/kg
8 - 10	Mercury	0.51 mg/Kg
8 - 10	Arsenic	14.4 mg/Kg

DEPTH	ANALYTE	RESULT
2 - 4 Ash	Mercury	0.23 mg/Kg

DEPTH	ANALYTE	RESULT
0.5 - 4.5	Mercury	0.23 mg/kg
0.5 - 4.5	Copper	188 mg/Kg

DEPTH	ANALYTE	RESULT
2 - 4	Mercury	0.29 mg/Kg
2 - 4	Barium	687 mg/Kg
2 - 4	Copper	126 mg/Kg
8 - 10	Mercury	0.4 mg/kg
8 - 10	Barium	1260 mg/kg
8 - 10	Cadmium	1.4 mg/kg
8 - 10	Copper	870 mg/kg
8 - 10	Lead	921 mg/kg

DEPTH	ANALYTE	RESULT
2 - 4 Ash	Mercury	0.41 mg/Kg

DEPTH	ANALYTE	RESULT
6 - 8	Mercury	0.43 mg/Kg

DEPTH	ANALYTE	RESULT
2 - 4	Mercury	0.21 mg/Kg

DEPTH	ANALYTE	RESULT
0 - 5	Copper	94.5 mg/Kg

DEPTH	ANALYTE	RESULT
0 - 5	Mercury	2.6 mg/Kg

DEPTH	ANALYTE	RESULT
1 - 3	Copper	210 mg/Kg
4 - 6	Arsenic	13.1 mg/Kg
4 - 6	Copper	51.5 mg/Kg

NYSDEC TAGM 4046 Recommended Soil Cleanup Objectives

Metals	
Compound	mg/kg
Mercury (mg/kg)	0.001 - 0.2
Arsenic	3-12
Cadmium	0.1 - 1
Calcium	130 - 35,000
Chromium	1.5 - 40
Copper	1 - 50
Lead	200 - 500
Magnesium	100 - 5000
Nickel	0.5 - 25
Zinc	9 - 50

VOCs	
Compound	ug/kg
Acetone	200

SVOCs			
Compound	ug/kg	Compound	ug/kg
Phenol	30	2,4-Dinitrophenol	200
1,3-Dichlorobenzene	1,600	Dibenzofuran	6,200
2-Methylphenol	100	4-Nitrophenol	100
4-Methylphenol	900	Hexachlorobenzene	410
2-Chlorophenol	800	Pentachlorophenol	1,000
Nitrobenzene	200	Phenanthrene	50,000
Benzoic Acid	2,700	Anthracene	50,000
Naphthalene	13,000	Di-n-Butyl-phthalate	8,100
2,4-Dichlorophenol	400	Fluoranthene	50,000
2,4,5-Trichlorophenol	100	Pyrene	50,000
2-Methylnaphthalene	36,400	Benzo(a)anthracene	224
2-Nitroaniline	430	Chrysene	400
4-Chloro-3-methylphenol	240	Benzo(b)fluoranthene	220
2,6-Dinitrotoluene	1,000	Benzo(k)fluoranthene	220
2-Nitrophenol	330	Benzo(a)pyrene	61
3-Nitroaniline	500	Dibenzo(a,h)anthracene	14
Dimethylphthalate	2,000		

LANGAN
ENGINEERING & ENVIRONMENTAL SERVICES
21 Penn Plaza
360 West 31st Street, Suite 900
New York, NY 10001-2727
P: 212.479.5400 F: 212.479.5444
www.langan.com
NEW JERSEY PENNSYLVANIA NEW YORK CONNECTICUT FLORIDA
NJ Certificate of Authorization No: 24GA27996400

Project
ATLAS PARK REMEDIAL INVESTIGATION
QUEENS NEW YORK

Drawing Title
SUMMARY OF METAL EXCEEDANCES IN SOIL

Project No. 5555107	Drawing No. 10
Date 1/12/05	
Scale 1" = 30'	
Drn. By SMP	
Chkd. By JR	

Filename: U:\Data1\5555107\Cadd Data - 5555107\Dwg\RI FIGURES\RI Exceedances Tag Map.dwg Date: 3/14/2006 Time: 15:48 User: ysaha Style Table: Langan.stb Layout: RI SB Metals Results

Analyte	AMBIENT#1	AMBIENT#2	AMBIENT#3
1,1-Dichloroethene	< 2	< 2	< 2
1,1-Dichloroethane	< 2	< 2	< 2
1,1,1-Trichloroethane	< 2.7	< 2.7	< 2.7
Benzene	< 1.6	< 1.6	< 1.6
Trichloroethene	< 2.7	< 2.7	3.1
Toluene	7.5	7.9	16
Tetrachloroethene	5.8	< 3.4	6.1
Ethylbenzene	< 2.2	< 2.2	3.7
Xylene (m,p)	3.3	6.1	7.4

ANALYTE	SOIL BORING (DEPTH) B38(5-7)	B38(57-58)
1,1-Dichloroethene	< 6	< 6
1,1-Dichloroethane	< 6	< 6
1,1,1-Trichloroethane	< 6	< 6
Benzene	< 6	< 6
Trichloroethene	< 6	< 6
Toluene	< 6	< 6
Tetrachloroethene	< 6	< 6
Ethylbenzene	< 6	< 6
Xylenes(Total)	< 6	< 6

ANALYTE	SOIL BORING (DEPTH) B8(2-4)	B6(59-61)
1,1-Dichloroethene	< 6	< 5
1,1-Dichloroethane	< 6	< 5
1,1,1-Trichloroethane	< 6	< 5
Benzene	< 6	< 5
Trichloroethene	< 6	< 5
Toluene	< 6	< 5
Tetrachloroethene	< 6	< 5
Ethylbenzene	< 6	< 5
Xylenes(Total)	< 6	< 5

ANALYTE	SOIL BORING (DEPTH) B46(4-6)	B46(6-8)	SOIL GAS ID SG-2
1,1-Dichloroethene	< 6	< 6	< 2
1,1-Dichloroethane	< 6	< 6	< 2
1,1,1-Trichloroethane	< 6	< 6	< 2.7
Benzene	< 6	< 6	7.7
Trichloroethene	< 6	< 6	< 2.7
Toluene	< 6	< 6	22
Tetrachloroethene	< 2	< 6	< 3.4
Ethylbenzene	< 6	< 6	12
Xylenes	< 6	< 6	48

ANALYTE	SOIL BORING (DEPTH) B48(2-4)	B48(8-10)	SOIL GAS ID SG-4
1,1-Dichloroethene	< 5	< 7	< 2
1,1-Dichloroethane	< 5	< 7	< 2
1,1,1-Trichloroethane	< 5	< 7	< 2.7
Benzene	1 J	< 7	< 1.6
Trichloroethene	< 5	< 7	< 2.7
Toluene	0.9 J	< 7	12
Tetrachloroethene	6	4 J	< 3.4
Ethylbenzene	0.9 J	< 7	4.1
Xylenes	3 J	< 7	16

ANALYTE	SOIL BORING (DEPTH) B50(3-5)	B50(6-8)	SOIL GAS ID SG-6
1,1-Dichloroethene	< 5	< 6	2.7
1,1-Dichloroethane	< 5	< 6	< 2
1,1,1-Trichloroethane	< 5	< 6	130
Benzene	< 5	< 6	6.7
Trichloroethene	< 5	< 6	91
Toluene	< 5	< 6	53
Tetrachloroethene	< 5	< 6	180
Ethylbenzene	< 5	< 6	20
Xylenes	< 5	< 6	65

ANALYTE	SOIL BORING (DEPTH) B47(2-4)	B47(6-8)
1,1-Dichloroethene	< 5	< 5
1,1-Dichloroethane	< 5	< 5
1,1,1-Trichloroethane	< 5	< 5
Benzene	< 5	< 5
Trichloroethene	7	< 5
Toluene	5 UB	5 UB
Tetrachloroethene	28	3 J
Ethylbenzene	< 5	< 5
Xylenes(Total)	< 5	< 5

ANALYTE	SOIL BORING (DEPTH) B9(1-3)	B9(3-5)	B9(8-10)
1,1-Dichloroethene	< 6	< 5	< 5
1,1-Dichloroethane	< 6	< 5	< 5
1,1,1-Trichloroethane	< 6	< 5	< 5
Benzene	< 6	< 5	< 5
Trichloroethene	< 6	< 5	< 5
Toluene	< 6	< 5	< 5
Tetrachloroethene	< 6	< 5	< 5
Ethylbenzene	< 6	< 5	< 5
Xylene	< 6	< 5	< 5

ANALYTE	SOIL BORING (DEPTH) B7(2-4)	B7(7-9)
1,1-Dichloroethene	< 6	< 5
1,1-Dichloroethane	< 6	< 5
1,1,1-Trichloroethane	< 6	< 5
Benzene	< 6	< 5
Trichloroethene	120	< 5
Toluene	< 6	< 5
Tetrachloroethene	24	< 5
Ethylbenzene	< 6	< 5
Xylene	< 6	< 5

ANALYTE	SOIL BORING (DEPTH) B49(2-4)	B49(12-15)	SOIL GAS ID SG-5
1,1-Dichloroethene	< 6	< 6	< 2
1,1-Dichloroethane	< 6	< 6	< 2
1,1,1-Trichloroethane	< 6	< 6	< 2.7
Benzene	< 6	< 6	2.4
Trichloroethene	< 6	0.6 J	3.4
Toluene	< 6	1 J	19
Tetrachloroethene	< 6	8	3.4
Ethylbenzene	< 6	1 J	6.9
Xylenes	< 6	3 J	23

ANALYTE	SOIL BORING (DEPTH) B59(3-5)	B59(6-8)	SOIL GAS ID SG-3
1,1-Dichloroethene	< 5	< 6	< 79
1,1-Dichloroethane	< 5	< 6	< 81
1,1,1-Trichloroethane	< 5	< 6	290
Benzene	< 5	< 6	100
Trichloroethene	< 5	< 6	530
Toluene	2	< 6	230
Tetrachloroethene	22	< 6	11000
Ethylbenzene	< 5	< 6	< 87
Xylenes	< 5	< 6	260

ANALYTE	SOIL BORING (DEPTH) B45(2-4)	B45(5-7)	SOIL GAS ID SG-1
1,1-Dichloroethene	< 5	< 6	# 2
1,1-Dichloroethane	< 5	< 6	# 2
1,1,1-Trichloroethane	< 5	< 6	# 2.7
Benzene	< 5	< 6	5.1
Trichloroethene	< 5	< 6	# 2.7
Toluene	< 5	< 6	14
Tetrachloroethene	1	< 6	# 3.4
Ethylbenzene	< 5	< 6	23
Xylenes	< 5	< 6	91

ANALYTE	SOIL BORING (DEPTH) B10(2-4)	B10(8-10)	B10(19-23)
1,1-Dichloroethene	< 6	< 6	< 0.4
1,1-Dichloroethane	< 6	< 6	< 0.4
1,1,1-Trichloroethane	< 6	< 6	< 0.5
Benzene	< 6	< 6	2 J
Trichloroethene	< 6	< 6	< 0.3
Toluene	< 6	< 6	< 0.4
Tetrachloroethene	< 6	< 6	< 0.6
Ethylbenzene	< 6	< 6	130
Xylene	< 6	< 6	250

ANALYTE	SOIL BORING (DEPTH) B16(5-7)	B16(55-57)
1,1-Dichloroethene	< 6	< 0.5
1,1-Dichloroethane	< 6	< 0.5
1,1,1-Trichloroethane	< 6	< 0.6
Benzene	< 6	< 0.6
Trichloroethene	< 6	< 0.3
Toluene	< 6	< 0.5
Tetrachloroethene	< 6	< 0.7
Ethylbenzene	< 6	< 0.5
Xylenes(Total)	< 6	2 J

ANALYTE	SOIL BORING (DEPTH) B51(2-4)	B51(6-8)	SOIL GAS ID SG-7
1,1-Dichloroethene	< 5	< 6	25
1,1-Dichloroethane	< 5	< 6	15
1,1,1-Trichloroethane	< 5	< 6	260
Benzene	< 5	< 6	15
Trichloroethene	< 5	< 6	590
Toluene	< 5	< 6	72
Tetrachloroethene	5 J	2 J	880
Ethylbenzene	0.8 JH	< 6	56
Xylene	3 J	< 6	250

ANALYTE	SOIL BORING (DEPTH) B55(0.5-4.5)	B55(5-12)
1,1-Dichloroethene	< 6	< 6
1,1-Dichloroethane	< 6	< 6
1,1,1-Trichloroethane	12	< 6
Benzene	< 6	< 6
Trichloroethene	< 6	< 6
Toluene	2 JH	< 6
Tetrachloroethene	25	1 J
Ethylbenzene	< 6	< 6
Xylene	< 6	< 6

ANALYTE	SOIL BORING (DEPTH) B58(0-5)	B58(18-21)	B58(73-75)
1,1-Dichloroethene	< 6	< 6	< 5
1,1-Dichloroethane	< 6	< 6	< 5
1,1,1-Trichloroethane	< 6	< 6	< 5
Benzene	< 6	< 6	< 5
Trichloroethene	< 6	< 6	< 5
Toluene	< 6	< 6	< 5
Tetrachloroethene	< 6	1 J	< 5
Ethylbenzene	< 6	< 6	< 5
Xylenes(Total)	< 6	< 6	< 5

ANALYTE	SOIL BORING (DEPTH) B57(68-70)
1,1-Dichloroethene	< 5
1,1-Dichloroethane	< 5
1,1,1-Trichloroethane	< 5
Benzene	< 5
Trichloroethene	< 5
Toluene	< 5
Tetrachloroethene	< 5
Ethylbenzene	0.9 J
Xylenes(Total)	1 J

ANALYTE	SOIL BORING (DEPTH) B52(1-3)	B52(4-6)	SOIL GAS ID SG-8
1,1-Dichloroethene	< 6	< 6	< 2
1,1-Dichloroethane	< 6	< 6	< 2
1,1,1-Trichloroethane	< 6	< 6	3.2
Benzene	< 6	< 6	1.8
Trichloroethene	< 6	< 6	3.2
Toluene	< 6	< 6	18
Tetrachloroethene	< 6	< 6	14
Ethylbenzene	< 6	< 6	13
Xylenes(Total)	< 6	< 6	52

ANALYTE	SOIL BORING (DEPTH) B53(1-4)	B53(7-9)	SOIL GAS ID SG-9
1,1-Dichloroethene	< 5	< 5	< 2
1,1-Dichloroethane	< 5	< 5	< 2
1,1,1-Trichloroethane	< 5	< 5	< 2.7
Benzene	< 5	< 5	2.4
Trichloroethene	< 5	< 5	< 2.7
Toluene	< 5	< 5	14
Tetrachloroethene	< 5	< 5	4.6
Ethylbenzene	< 5	< 5	10
Xylenes	< 5	< 5	42

ANALYTE	SOIL BORING (DEPTH) B20(1-5)	B20(7-9)	B20(52-54)
1,1-Dichloroethene	< 12	< 6	< 6
1,1-Dichloroethane	< 12	< 6	< 6
1,1,1-Trichloroethane	< 12	< 6	< 6
Benzene	< 12	< 6	< 6
Trichloroethene	17	< 6	< 6
Toluene	< 12	< 6	< 6
Tetrachloroethene	< 12	< 6	< 6
Ethylbenzene	< 12	< 6	< 6
Xylenes(Total)	< 12	< 6	< 6

LEGEND:

- IRM AREA
- B-55 — RI SOIL BORING LOCATION - LANGAN, DRILLED JULY AND AUGUST, 2004
- B-1/SG-1 — RI SOIL BORING AND SOIL GAS LOCATION
- AMBIENT # — AMBIENT AIR SAMPLE COLLECTED DURING SOIL GAS SURVEY
- B-58/MW-58 — RI SOIL BORING AND MONITORING WELL LOCATIONS (EXCEPT LB-4 = PRIOR LANGAN GEOTECHNICAL WELL
- RI AREA
- AREAS OF CONCERN IDENTIFIED FROM HISTORICAL INFORMATION PRIOR TO THE IRM SITE INVESTIGATION
- ATLAS PARK BOUNDARY

NOTES:

1. SOIL DATA IN PARTS PER BILLION (PPB)
2. SOIL GAS/AMBIENT AIR DATA IN PPB (VOLUME BASIS)
3. BASE SURVEY PLAN WAS OBTAINED FROM A DRAWING TITLED CITY OF NEW YORK, COUNTY OF QUEENS, TAX BLOCK 3810, TAX LOT 2, BY MONTROSE SURVEYING CO., LLP. DATED 17 DECEMBER 2001 SUPPLIED BY ATCO.

LANGAN
ENGINEERING & ENVIRONMENTAL SERVICES
21 Penn Plaza
360 West 31st Street, Suite 900
New York, NY 10001-2727
P: 212.479.5400 F: 212.479.5444
www.langan.com
NEW JERSEY PENNSYLVANIA NEW YORK CONNECTICUT FLORIDA
NJ Certificate of Authorization No: 24GA27996400

Project
ATLAS PARK REMEDIAL INVESTIGATION

QUEENS NEW YORK

Drawing Title
VOCs IN SOIL AND SOIL GAS

Project No. 5555107	Drawing No. 11
Date 1/12/05	
Scale 1" = 30'	
Drn. By SMP	
Chkd. By JR	

Filename: U:\Data1\5555107\Cadd Data – 5555107\Dwg\RI FIGURES\RI Exceedances Tag Map – SG Results.dwg Date: 3/14/2006 Time: 15:56 User: yeoho Style Table: Langan.stb Layout: RI Soil Gas and Boring Investigation (2)

NAME DATE
PROFESSIONAL XXXXXXXXXXXXX N.J. LIC. No.XXXXX

LANGAN
ENGINEERING & ENVIRONMENTAL SERVICES
21 Penn Plaza
360 West 31st Street, Suite 900
New York, NY 10001-2727
P: 212.479.5400 F: 212.479.5444
www.langan.com
NEW JERSEY PENNSYLVANIA NEW YORK CONNECTICUT FLORIDA
NJ Certificate of Authorization No: 24GA27996400

Project
ATLAS PARK REMEDIAL INVESTIGATION

COUNTY STATE

Drawing Title
GROUNDWATER EXCEEDANCES & ELEVATION ISOCONTOURS (1-12-05)

Project No. 55555107	Drawing No. 12
Date 1/12/05	
Scale 1 " = 30 '	
Drn. By SMP	
Chkd. By JR	