

TABLE 1
REUSED SOILS ONSITE
FINAL ENGINEERING REPORT
ATLAS PARK- PARCEL B
GLENDALE, NY

Table indicating stockpile samples for soils reused on the site

Sample ID	Building Number	Approximate Quantity (Cubic Yards)	Use
B8-SP1-031706	Building 8	50	Backfill of SSDS and utility trenching
Bldg3-SP-051706	Building 3	50	Backfill of SSDS and utility trenching
Bldg3-SP-0052406	Building 3	50	Backfill of SSDS and utility trenching
Bldg3-SP-0061406	Building 3	25	Backfill of SSDS and utility trenching
Bldg3-SP-081406	Building 3	50	Backfill of SSDS and utility trenching

TABLE 2
SAMPLE INVENTORY
WASTE CHARACTERIZATION SAMPLES BY AREA
FINAL ENGINEERING REPORT
ATLAS PARK- PARCEL B
GLENDALE, NY

CONSTRUCTION AREA	SAMPLE ID	TYPE OF SAMPLE	DISPOSAL LOCATION	ANALYSES	SDG NUMBER- LAB SAMPLE ID
Building 3	RO-3D(1)	COMPOSITE	MODERN LANDFILL	Full Tdp, PCB, Pesticides, Herbicides, TAL Metals, RCRA, TOX and Total Sulfur.	X1306
	RO-3D(2)	GRAB	MODERN LANDFILL	TCL VOC, TCLP VOC	X1306
	RO-3D(3)	GRAB	MODERN LANDFILL	TCL VOC, TCLP VOC	X1306
	RO-3D(4)	GRAB	MODERN LANDFILL	TCL VOC, TCLP VOC	X1306
	RO-3S(1)	COMPOSITE	MODERN LANDFILL	Full Tdp, PCB, Pesticides, Herbicides, TAL Metals, RCRA, TOX and Total Sulfur.	X1306
	RO-3S(2)	GRAB	MODERN LANDFILL	TCL VOC, TCLP VOC	X1306
	RO-3S(3)	GRAB	MODERN LANDFILL	TCL VOC, TCLP VOC	X1306
	RO-3S(4)	GRAB	MODERN LANDFILL	TCL VOC, TCLP VOC	X1306
	B3-37-2.5-3-111405	GRAB	MODERN LANDFILL	TCL VOC, TCL SVOC, PESTICIDES, HERBICIDES, PCB, METALS	SA40242
	B3-37-7.5-111405	GRAB	MODERN LANDFILL	TCL VOC, TCL SVOC, PESTICIDES, HERBICIDES, PCB, METALS	SA40242
CONED VAULT & ELECTRICAL ROOM	Bldg3-CONED-SW-DO-4	COMPOSITE	UNITED OIL RECOVERY, BRIDGEPORT	PCB, TCL VOC	SA48982-02
	Bldg3-CONED-NW-DO-4	COMPOSITE	UNITED OIL RECOVERY, BRIDGEPORT	PCB, TCL VOC	SA48982-03
	Bldg3-CONED-DRAIN-SW	GRAB	UNITED OIL RECOVERY, BRIDGEPORT	PCB, TCL VOC	SA48722-02
	Bldg3-CONED-DRAIN-NW	GRAB	UNITED OIL RECOVERY, BRIDGEPORT	PCB, TCL VOC	SA48722-03
	Bldg3-CONED-CONCRETE	GRAB	UNITED OIL RECOVERY, BRIDGEPORT	PCB, TCL VOC	SA48722-01
AOC PITS 1 & 2	AOC 1&2-B3-030806	COMPOSITE	SOUTH HADLEY	Total VOC, TCL VOC, TCL SVOC, FULL, TCLP TPH, PCB, RCRA Metals, Total Chlorinated & Halogenated Solvents, TOC, RCRA Characteristics	SA41733-01
	B3-PIPE2-1-013106	GRAB	SOUTH HADLEY	TCL VOC	
	B3-PIPE3-0.5-013106	GRAB	SOUTH HADLEY	TCL VOC	

TABLE 2
SAMPLE INVENTORY
WASTE CHARACTERIZATION SAMPLES BY AREA
FINAL ENGINEERING REPORT
ATLAS PARK- PARCEL B
GLENDAL, NY

CONSTRUCTION AREA	SAMPLE ID	TYPE OF SAMPLE	DISPOSAL LOCATION	ANALYSES	SDG NUMBER- LAB SAMPLE ID
BUILDING 7	BLDG 28-020705	GRAB	UNITED OIL RECOVERY, BRIDGEPORT	Total VOC, SVOC, Metals, PCB, Pesticides, Herbicides, TCLP VOC, SVOC, RCRA Metals, TOX, TPH, RIC	208757-001
	V2-021405	GRAB	UNITED OIL RECOVERY, BRIDGEPORT	PCB, TCL VOC, TCL SVOC, TAL METALS, DRO, GRO, RCRA, TCLP METALS, TCLP SVOC	208814
	T1-021405	GRAB	UNITED OIL RECOVERY, BRIDGEPORT	PCB, TCL VOC, TCL SVOC, TAL METALS, DRO, GRO, RCRA, TCLP METALS, TCLP SVOC	208814
	BLDG 28-20705	GRAB	UNITED OIL RECOVERY, BRIDGEPORT	PCB, TCL VOC, TCL SVOC, TAL METALS, DRO, GRO, RCRA, TCLP METALS, TCLP SVOC	208814
	V2-021405	GRAB	UNITED OIL RECOVERY, BRIDGEPORT	PCB, TCL VOC, TCL SVOC, TAL METALS, DRO, GRO, RCRA, TCLP METALS, TCLP SVOC	208814
	T2-021405	GRAB	UNITED OIL RECOVERY, BRIDGEPORT	PCB, TCL VOC, TCL SVOC, TAL METALS, DRO, GRO, RCRA, TCLP METALS, TCLP SVOC	208814
	T3-021405	GRAB	UNITED OIL RECOVERY, BRIDGEPORT	PCB, TCL VOC, TCL SVOC, TAL METALS, DRO, GRO, RCRA, TCLP METALS, TCLP SVOC	208814
	T4-021405	GRAB	UNITED OIL RECOVERY, BRIDGEPORT	PCB, TCL VOC, TCL SVOC, TAL METALS, DRO, GRO, RCRA, TCLP METALS, TCLP SVOC	208814
	T5-021405	GRAB	UNITED OIL RECOVERY, BRIDGEPORT	PCB, TCL VOC, TCL SVOC, TAL METALS, DRO, GRO, RCRA, TCLP METALS, TCLP SVOC	208814
	BLDG#28-30805	GRAB	UNITED OIL RECOVERY, BRIDGEPORT	PCB, TCL VOC, TCL SVOC, TAL METALS, DRO, GRO, RCRA, TCLP METALS, TCLP SVOC	208814
	BLDG#28-TANK2-030805	GRAB	UNITED OIL RECOVERY, BRIDGEPORT	VOC, SVOC	208956-001
PROCESS TANKS AND VAULTS					

TABLE 2
SAMPLE INVENTORY
WASTE CHARACTERIZATION SAMPLES BY AREA
FINAL ENGINEERING REPORT
ATLAS PARK- PARCEL B
GLENDALE, NY

CONSTRUCTION AREA	SAMPLE ID	TYPE OF SAMPLE	DISPOSAL LOCATION	ANALYSES	SDG NUMBER- LAB SAMPLE ID
BUILDING 8/SERVICE CORRIDOR					
HEATING OIL USTs	UST-Concrete-072805	GRAB	CLEAN EARTH OF PHILADELPHIA	VOC, PCB, TOTAL METALS	SA31630-04
	UST-Concrete-072805 (1)	GRAB	CLEAN EARTH OF PHILADELPHIA	, TCLP METALS, RCRA Characteristics	SA31630-01
	UST-Concrete-072805 (2)	GRAB	CLEAN EARTH OF PHILADELPHIA	DRO, TOH	SA31630-02
	UST-Concrete-072805 (3)	GRAB	CLEAN EARTH OF PHILADELPHIA	DRO, TOH	SA31630-03
SEE BUILDING 8 STOCKPILES (SP-2K)					
SOUTHWEST VAULT	SWVAULT-1B	GRAB	RECYCLE TECHNOLOGY	TCL VOC, TCLP VOC	T4948-01
	SWVAULT-1C	GRAB	RECYCLE TECHNOLOGY	TCL VOC, TCLP VOC	T4948-02
	SWVAULT-1D	GRAB	RECYCLE TECHNOLOGY	TCL VOC, TCLP VOC	T4948-03
	SWVAULT-1A	COMPOSITE	RECYCLE TECHNOLOGY	TCLP VOC, TCL SVOC, TCLP METALS, TOTAL SULFUR, TOX, PCB, RCRA CHARACTERISTICS, TCLP SVOC, TCLP PESTICIDES, TCLP HERBICIDES, TAL	T4948-04
	SWVAULT-2B	GRAB	RECYCLE TECHNOLOGY	TCL VOC, TCLP VOC	T4948-05
	SWVAULT-2C	GRAB	RECYCLE TECHNOLOGY	TCL VOC, TCLP VOC	T4948-06
	SWVAULT-2D	GRAB	RECYCLE TECHNOLOGY	TCL VOC, TCLP VOC	T4948-07
	SWVAULT-2A	COMPOSITE	RECYCLE TECHNOLOGY	TCLP VOC, TCL SVOC, TCLP METALS, TOTAL SULFUR, TOX, PCB, RCRA CHARACTERISTICS, TCLP SVOC, TCLP PESTICIDES, TCLP HERBICIDES, TAL	T4948-08
	STACK-042505	COMPOSITE	CLEAN EARTH OF PHILADELPHIA	TCLP RCRA METALS, RCRA METALS, TCL VOC, TCL SVOC, RCRA WASTE CHARACTERIZATION, PCB, TOX, TCLP ORGANICS, TOTAL SULFUR	SA27068-01

TABLE 2
SAMPLE INVENTORY
WASTE CHARACTERIZATION SAMPLES BY AREA
FINAL ENGINEERING REPORT
ATLAS PARK- PARCEL B
GLENDALE, NY

CONSTRUCTION AREA	SAMPLE ID	TYPE OF SAMPLE	DISPOSAL LOCATION	ANALYSES	SDG NUMBER- LAB SAMPLE ID
BUILDING 8 STOCKPILES	CONSTRUCTION EXCAVATION				
	B8SP1-031706	COMPOSITE	SOUTH Hadley	Total VOC, SVOC, TCL VOC, TCL SVOC, FULL TCLP TPH, PCB, RCRA Metals, Total Chlorinated & Halogenated Solvents, TOC, RCRA Characteristics.	T5777-02
	B8-SPS-111505	COMPOSITE	RECYCLE TECHNOLOGY	DRO, PAINT FILTER	T5777-01
	SP-BLDG8-120705(1)	COMPOSITE	RECYCLE TECHNOLOGY	TCL VOC, TCLP VOC	T6053-04
	SP-BLDG8-120705(2)	COMPOSITE	RECYCLE TECHNOLOGY	TCL VOC, TCLP VOC	T6053-05
	SP-BLDG8-120705(3)	COMPOSITE	RECYCLE TECHNOLOGY	TCL VOC, TCLP VOC	T6053-06
	SP-BLDG8-120705(4)	COMPOSITE	RECYCLE TECHNOLOGY	TCL SVOC, TCLP METALS, TOTAL SULFUR, TOX, PCB, RCRA CHARACTERISTICS, TCLP VOC, SVOC, TCLP PESTICIDES, TCLP HERBICIDES	T6053-08
	Bldg8-R1-062106	COMPOSITE	CLEAN EARTH OF PHILADELPHIA	TCL VOC, TCLP VOC, TPH, TCLP PESTICIDES, PCB, TCLP HERBICIDES, TCL SVOC, TCLP SVOC, TOTAL METALS, TCLP METALS, RCRA CHARACTERISTICS, TOX, TOTAL METALS, BARIUM, SELENIUM, SILVER, ZINC, COPPER, NICKEL	SA46812-01
	Bldg8-R1-080906	COMPOSITE	CLEAN EARTH OF PHILADELPHIA	TOX, TOTAL METALS, BARIUM, SELENIUM, SILVER, ZINC, COPPER, NICKEL	SA49270-01
	B8SCE-031706	COMPOSITE	Composite	Total VOC, SVOC, TCL VOC, TCL SVOC, FULL TCLP TPH, PCB, RCRA Metals, Total Chlorinated & Halogenated Solvents, TOC, RCRA Characteristics.	SA42156-02
	B8SCW-031706	COMPOSITE	Composite	Total VOC, SVOC, TCL VOC, TCL SVOC, FULL TCLP TPH, PCB, RCRA Metals, Total Chlorinated & Halogenated Solvents, TOC, RCRA Characteristics.	SA42156-01
	SP-2K-032105(1)	COMPOSITE	CLEAN EARTH OF PHILADELPHIA	TAGM 4046, TOTAL VOC, TCLP VOC, TOTAL SVOC, TCLP METALS, RCRA CHARACTERISTICS, PCB, TOX, TOTAL SULFUR, TCLP SVOC, TCLP PESTICIDES, HERBICIDES, TPH, DRO, TOTAL METALS, TCLP METALS	209079
	SP-2K-032105(2)	COMPOSITE	CLEAN EARTH OF PHILADELPHIA	TAGM 4046, TOTAL VOC, TCLP VOC, TOTAL SVOC, TCLP METALS, RCRA CHARACTERISTICS, PCB, TOX, TOTAL SULFUR, TCLP SVOC, TCLP PESTICIDES, HERBICIDES, TPH, DRO, TOTAL METALS, TCLP METALS	209079
	SP-2K-032105(3)	COMPOSITE	CLEAN EARTH OF PHILADELPHIA	TAGM 4046, TOTAL VOC, TCLP VOC, TOTAL SVOC, TCLP METALS, RCRA CHARACTERISTICS, PCB, TOX, TOTAL SULFUR, TCLP SVOC, TCLP PESTICIDES, HERBICIDES, TPH, DRO, TOTAL METALS, TCLP METALS	209079
	SP-2K-032105(4)	COMPOSITE	CLEAN EARTH OF PHILADELPHIA	TAGM 4046, TOTAL VOC, TCLP VOC, TOTAL SVOC, TCLP METALS, RCRA CHARACTERISTICS, PCB, TOX, TOTAL SULFUR, TCLP SVOC, TCLP PESTICIDES, HERBICIDES, TPH, DRO, TOTAL METALS, TCLP METALS	209079

TABLE 2
SAMPLE INVENTORY
WASTE CHARACTERIZATION SAMPLES BY AREA
FINAL ENGINEERING REPORT
ATLAS PARK- PARCEL B
GLENDALE, NY

CONSTRUCTION AREA	SAMPLE ID	TYPE OF SAMPLE	DISPOSAL LOCATION	ANALYSES	SDG NUMBER- LAB SAMPLE ID
BUILDING 3 STOCKPILES	SP-Parcel B-A-021506	COMPOSITE	SOUTH Hadley	TOTAL ARSENIC, CADMIUM, CHROMIUM, LEAD, TOTAL MERCURY, TOTAL CHLORINATED AND HALOGENATED SOLVENTS, TOTAL VOC, TPH, FULL TCLP	SA40937-01
	SP-Parcel B-B-021506	COMPOSITE	SOUTH Hadley	TOTAL ARSENIC, CADMIUM, CHROMIUM, LEAD, TOTAL MERCURY, TOTAL CHLORINATED AND HALOGENATED SOLVENTS, TOTAL VOC, TPH, FULL TCLP	SA40937-02
	SP-Parcel B-C-021506	COMPOSITE	SOUTH Hadley	TOTAL ARSENIC, CADMIUM, CHROMIUM, LEAD, TOTAL MERCURY, TOTAL CHLORINATED AND HALOGENATED SOLVENTS, TOTAL VOC, TPH, FULL TCLP	SA40937-03
	SP-RI-100605(1)	COMPOSITE	CLEAN EARTH OF PHILADELPHIA	FULL TCLP, FULL NJSCC LIST	TS134-01
	SP-RI-100605(2)	COMPOSITE	CLEAN EARTH OF PHILADELPHIA	FULL TCLP, FULL NJSCC LIST	TS134-02
	SP-RI-100605(G1)	COMPOSITE	CLEAN EARTH OF PHILADELPHIA	TCLP VOC, PP 40 VOC	TS134-03
	SP-RI-100605(G2)	COMPOSITE	CLEAN EARTH OF PHILADELPHIA	TCLP VOC, PP 40 VOC	TS134-04
	Bldg3-Loading Dock	COMPOSITE	SOUTH Hadley	TCL VOC, TCLP VOC, TPH, TCLP PESTICIDES, PCB, TCLP HERBICIDES, TCLP SVOC, TCLP SVOC, TOTAL METALS, TCLP METALS, RCRA CHARACTERISTICS	SA50002-01
	Bldg3-SP-051706	COMPOSITE	SOUTH Hadley	TOTAL VOC, TCLP VOC, TPH, PCB, TCLP SVOC, TOTAL METALS, RCRA CHARACTERISTICS	SA45066-01
	Bldg3-SP1-052406	COMPOSITE	SOUTH Hadley	TOTAL VOC, TCLP VOC, TPH, PCB, TCLP SVOC, TOTAL METALS, RCRA CHARACTERISTICS	SA45480-01
	Bldg3-SP2-061406	COMPOSITE	SOUTH Hadley	TOTAL VOC, TCLP VOC, TPH, PCB, TCLP SVOC, TOTAL METALS, RCRA CHARACTERISTICS	SA46512-01
	Bldg3-SP3-081406	COMPOSITE	SOUTH Hadley	TOTAL VOC, TCLP VOC, TPH, PCB, TCLP SVOC, TOTAL METALS, RCRA CHARACTERISTICS	SA49473-01
	WC-Bldg3SP-100406	COMPOSITE	CLEAN EARTH OF PHILADELPHIA	TCL VOC, SVOC, TCLP VOC, TPH, TCLP PESTICIDES, TCLP HERBICIDES, TCLP SVOC, TOTAL METALS, TCLP METALS, RCRA CHARACTERISTICS, PCB	SA52108-02
	WC-Bldg7SP2-101306	COMPOSITE	CLEAN EARTH OF PHILADELPHIA	TCL VOC, SVOC, TCLP VOC, TPH, TCLP PESTICIDES, TCLP HERBICIDES, TCLP SVOC, TOTAL METALS, TCLP METALS, RCRA CHARACTERISTICS, PCB	SA52622-01
BUILDING 7 STOCKPILES	WC-Bldg7SP-100506	COMPOSITE	CLEAN EARTH OF PHILADELPHIA	TCL VOC, SVOC, TCLP VOC, TPH, TCLP PESTICIDES, TCLP HERBICIDES, TCLP SVOC, TOTAL METALS, TCLP METALS, RCRA CHARACTERISTICS, PCB	SA52178-01
	WC-Bldg7-100406	COMPOSITE	CLEAN EARTH OF PHILADELPHIA	TCL VOC, SVOC, TCLP VOC, TPH, TCLP PESTICIDES, TCLP HERBICIDES, TCLP SVOC, TOTAL METALS, TCLP METALS, RCRA CHARACTERISTICS, PCB	SA52108-01

TABLE 2
SAMPLE INVENTORY
WASTE CHARACTERIZATION SAMPLES BY AREA
FINAL ENGINEERING REPORT
ATLAS PARK- PARCEL B
GLENDALE, NY

CONSTRUCTION AREA	SAMPLE ID	TYPE OF SAMPLE	DISPOSAL LOCATION	ANALYSES	SDG NUMBER- LAB SAMPLE Id
INVESTIGATION DERIVED WASTE	Drum Comp 1-071006	COMPOSITE	VEXOR	TCLP VOC, TCLP PESTICIDES, TCLP HERBICIDES, TCLP SVOC, TCLP METALS, RCRA CHARACTERISTICS	SA47701-01
	Drum Comp 2-071006	COMPOSITE	VEXOR	TCLP VOC, TCLP PESTICIDES, TCLP HERBICIDES, TCLP SVOC, TCLP METALS, RCRA CHARACTERISTICS	SA47701-02
	Drum Comp 3-071006	COMPOSITE	VEXOR	TCLP VOC, TCLP PESTICIDES, TCLP HERBICIDES, TCLP SVOC, TCLP METALS, RCRA CHARACTERISTICS	SA47701-03
	Drum Comp 4-071006	COMPOSITE	VEXOR	TCLP VOC, TCLP PESTICIDES, TCLP HERBICIDES, TCLP SVOC, TCLP METALS, RCRA CHARACTERISTICS	SA47701-04
	Drum Comp 5-071006	COMPOSITE	VEXOR	TCLP VOC, TCLP PESTICIDES, TCLP HERBICIDES, TCLP SVOC, TCLP METALS, RCRA CHARACTERISTICS	SA47701-05
	Drum Comp 6-071006	COMPOSITE	VEXOR	TCLP VOC, TCLP PESTICIDES, TCLP HERBICIDES, TCLP SVOC, TCLP METALS, RCRA CHARACTERISTICS	SA47701-06
	Drum Comp 7-071006	COMPOSITE	VEXOR	TCLP VOC, TCLP PESTICIDES, TCLP HERBICIDES, TCLP SVOC, TCLP METALS, RCRA CHARACTERISTICS	SA47701-07
	Drum Comp 8-071006	COMPOSITE	VEXOR	TCLP VOC, TCLP PESTICIDES, TCLP HERBICIDES, TCLP SVOC, TCLP METALS, RCRA CHARACTERISTICS	SA47701-08
	Drum Comp 9-071006	COMPOSITE	VEXOR	TCLP VOC, TCLP PESTICIDES, TCLP HERBICIDES, TCLP SVOC, TCLP METALS, RCRA CHARACTERISTICS	SA47701-09
	Drum Comp 10-071006	COMPOSITE	VEXOR	TCLP VOC, TCLP PESTICIDES, TCLP HERBICIDES, TCLP SVOC, TCLP METALS, RCRA CHARACTERISTICS	SA47701-10
	Drum Comp 11-071006	COMPOSITE	VEXOR	TCLP VOC, TCLP PESTICIDES, TCLP HERBICIDES, TCLP SVOC, TCLP METALS, RCRA CHARACTERISTICS	SA47701-11
	Drum Comp 1-082406	COMPOSITE	VEXOR	TCLP VOC, TCLP PESTICIDES, TCLP HERBICIDES, TCLP SVOC, TCLP METALS, RCRA CHARACTERISTICS	SA50123-01
	Drum Comp 2-082406	COMPOSITE	VEXOR	TCLP VOC, TCLP PESTICIDES, TCLP HERBICIDES, TCLP SVOC, TCLP METALS, RCRA CHARACTERISTICS	SA50123-02
	Drum Comp 3-082406	COMPOSITE	VEXOR	TCLP VOC, TCLP PESTICIDES, TCLP HERBICIDES, TCLP SVOC, TCLP METALS, RCRA CHARACTERISTICS	SA50123-03
	Drum Comp 1-111606	COMPOSITE	VEXOR	FULL TCLP, RCRA CHARACTERISTICS	SA54335-01
	Drum Comp 2-111606	COMPOSITE	VEXOR	FULL TCLP, RCRA CHARACTERISTICS	SA54335-02
	Drum Comp 3-111606	COMPOSITE	VEXOR	FULL TCLP, RCRA CHARACTERISTICS	SA54335-03
	Drum Comp 4-111606	COMPOSITE	VEXOR	FULL TCLP, RCRA CHARACTERISTICS	SA54335-04
	Drum Comp 5-111606	COMPOSITE	VEXOR	FULL TCLP, RCRA CHARACTERISTICS	SA54335-05
	Drum Comp 6-111606	COMPOSITE	VEXOR	FULL TCLP, RCRA CHARACTERISTICS	SA54335-06

TABLE 3A
BUILDING 3- FLOOR DRAIN
WASTE CHARACTERIZATION SAMPLE RESULTS
FINAL ENGINEERING REPORT
ATLAS PARK - PARCEL B
GLENDALE, NY

Location ID Sample ID Sample Date Unit	BUILDING 3 RO-3D(1) 1/20/2006 ug/Kg	BUILDING 3 RO-3D(2) 1/20/2006 ug/Kg	BUILDING 3 RO-3D(3) 1/20/2006 ug/Kg	BUILDING 3 RO-3D(4) 1/20/2006 ug/Kg
VOC				
ACETONE	NA	< 3600 UD	< 3600 UD	< 3600 UD
ETHYLBENZENE	NA	300 D	240 D	320 JD
ISOPROPYLBENZENE	NA	290 D	200 JD	200 JD
m/p-XYLENES	NA	2100 D	1600 D	1800 D
METHYLBENZENE	NA	650 D	430 JD	820 D
O-XYLENE	NA	1300 D	1100 D	1000 D
TETRACHLOROETHENE	NA	250 D	190 JD	260 JD
TRICHLOROETHYLENE	NA	1200 D	680 D	2500 D
SVOC				
1,1-Biphenyl	990	NA	NA	NA
2-METHYLNAPHTHALENE	5900 D ⁵	NA	NA	NA
ACENAPTHENE	300	NA	NA	NA
BENZYL BUTYL PHTHALATE	880	NA	NA	NA
BIS(2-ETHYLHEXYL)PHTHALATE	790 JD ⁵	NA	NA	NA
DI-N-BUTYLPHTHALATE	230000 D ⁵⁰	NA	NA	NA
DI-N-OCTYL PHTHALATE	330 JD ⁵	NA	NA	NA
FLUORANTHENE	380	NA	NA	NA
FLUORENE	600	NA	NA	NA
NAPHTHALENE	1900	NA	NA	NA
N-NITROSODIPHENYLAMINE	830	NA	NA	NA
PHENANTHRENE	1700 JD ⁵	NA	NA	NA
PESTICIDES				
	ND	NA	NA	NA
PCB				
AROCLOR - 1254 (PCB-1254)	2200 D	NA	NA	NA
HERBICIDES				
	ND	NA	NA	NA
METALS				
	mg/Kg	mg/Kg	mg/Kg	mg/Kg
ALUMINUM	4560	NA	NA	NA
ANTIMONY	2.07	NA	NA	NA
ARSENIC	26.2 JN	NA	NA	NA
BARIUM	34.8 N	NA	NA	NA
BERYLLIUM	0.322 JN	NA	NA	NA
CADMIUM	0.241 JN	NA	NA	NA
CALCIUM	19000	NA	NA	NA
CHROMIUM (TOTAL)	12.9	NA	NA	NA
COBALT	3.96 J	NA	NA	NA
COPPER	26.4	NA	NA	NA
IRON	10300	NA	NA	NA
LEAD	33.2 N	NA	NA	NA
MAGNESIUM	4430 N	NA	NA	NA
MANGANESE	227	NA	NA	NA
NICKEL	5.69	NA	NA	NA
POTASSIUM	763	NA	NA	NA
SELENIUM	0.905 JN	NA	NA	NA
SILVER	1.48	NA	NA	NA
SODIUM	191 JN	NA	NA	NA
THALLIUM	< 1.14 U	NA	NA	NA
VANADIUM	12.6	NA	NA	NA
ZINC	59.2	NA	NA	NA
MERCURY	0.047 N	NA	NA	NA
RCRA				
SULFUR	100 D ⁵	NA	NA	NA
CYANIDE	< 10	NA	NA	NA
SULFIDE	< 40	NA	NA	NA
CORROSIVITY (pH Units)	10.4	NA	NA	NA
IGNITABILITY(deg F)	Negative	NA	NA	NA
TOTAL ORGANIC HALIDES (TOX)				
	mg/Kg	mg/Kg	mg/Kg	mg/Kg
	18	NA	NA	NA

NOTES:

NA = Not Analyzed.
ND = Not Detected.

QUALIFIERS

U = Analyte was not detected at or above the reporting limit.
J = Result is an estimated value below the reporting limit or a tentatively identified compound (TIC) detected.
V = Result is changed because of Data Validation.

R = Validator Rejected Data

E = Serial dilution exceeds the control limits.

D⁵ = Dilution factor

N = Presumptive evidence of a compound.

TABLE 3A
BUILDING 3- FLOOR DRAIN
WASTE CHARACTERIZATION SAMPLE RESULTS
FINAL ENGINEERING REPORT
ATLAS PARK - PARCEL B
GLENDAL, NY

Location ID Sample ID Sample Date Unit	BUILDING 3 RO-3S(1) 1/20/2006 ug/Kg			BUILDING 3 RO-3S(2) 1/20/2006 ug/Kg			BUILDING 3 RO-3S(3) 1/20/2006 ug/Kg			BUILDING 3 RO-3S(4) 1/20/2006 ug/Kg		
VOC												
ACETONE		NA			110	J	<	130	U	<	130	U
ETHYLBENZENE		NA		<	27	U	<	27	U	<	27	U
ISOPROPYLBENZENE		NA		<	27	U	<	27	U	<	27	U
m/p-XYLENES		NA		<	53	U	<	54	U	<	53	U
METHYLBENZENE		NA		<	27	U	<	27	U	<	27	U
O-XYLENE		NA		<	27	U	<	27	U	<	27	U
TETRACHLOROETHENE		NA		<	27	U	<	27	U	<	27	U
TRICHLOROETHYLENE		NA		<	27	U	<	27	U	<	27	U
SVOC												
1,1-Biphenyl	<	350	U		NA			NA			NA	
2-METHYLNAPHTHALENE	<	350	U		NA			NA			NA	
ACENAPHTHENE	<	350	U		NA			NA			NA	
BENZYL BUTYL PHTHALATE	<	350	U		NA			NA			NA	
BIS(2-ETHYLHEXYL)PHTHALATE	<	350	U		NA			NA			NA	
DI-N-BUTYL PHTHALATE		710			NA			NA			NA	
DI-N-OCTYL PHTHALATE	<	350	U		NA			NA			NA	
FLUORANTHENE	<	350	U		NA			NA			NA	
FLUORENE	<	350	U		NA			NA			NA	
NAPHTHALENE	<	350	U		NA			NA			NA	
N-NITROSODIPHENYLAMINE	<	350	U		NA			NA			NA	
PHENANTHRENE	<	350	U		NA			NA			NA	
PESTICIDES												
		ND			NA			NA			NA	
PCB												
AROCLOR - 1254 (PCB-1254)		46			NA			NA			NA	
HERBICIDES												
		ND			NA			NA			NA	
METALS												
		mg/Kg			mg/Kg			mg/Kg			mg/Kg	
ALUMINUM		5000			NA			NA			NA	
ANTIMONY	<	6.39	UN		NA			NA			NA	
ARSENIC		1.77			NA			NA			NA	
BARIUM		33.9	N		NA			NA			NA	
BERYLLIUM		0.255	J		NA			NA			NA	
CADMIUM		0.059	JN		NA			NA			NA	
CALCIUM		3360			NA			NA			NA	
CHROMIUM (TOTAL)		11.1			NA			NA			NA	
COBALT		5.34			NA			NA			NA	
COPPER		18.9			NA			NA			NA	
IRON		8700			NA			NA			NA	
LEAD		4.83	N		NA			NA			NA	
MAGNESIUM		3510	N		NA			NA			NA	
MANGANESE		320			NA			NA			NA	
NICKEL		9.25			NA			NA			NA	
POTASSIUM		964			NA			NA			NA	
SELENIUM		0.644	JN		NA			NA			NA	
SILVER		1.22			NA			NA			NA	
SODIUM		138	JN		NA			NA			NA	
THALLIUM	<	1.06	U		NA			NA			NA	
VANADIUM		15			NA			NA			NA	
ZINC		22.4			NA			NA			NA	
MERCURY	<	0.01	UN		NA			NA			NA	
RCRA												
SULFUR	<	5.3	UD ⁵		NA			NA			NA	
CYANIDE	<	10	U		NA			NA			NA	
SULFIDE	<	40	U		NA			NA			NA	
CORROSIVITY (pH Units)		8.5			NA			NA			NA	
IGNITABILITY(deg F)		Negative			NA			NA			NA	
TOTAL ORGANIC HALIDES (TOX)												
		mg/Kg			mg/Kg			mg/Kg			mg/Kg	
	<	5.6	U		NA			NA			NA	

NOTES:

NA = Not Analyzed.
ND = Not Detected.

QUALIFIERS

U = Analyte was not detected at or above the reporting limit.
J = Result is an estimated value below the reporting limit or a tentatively identified compound (TIC) detected.
V = Result is changed because of Data Validation.
R = Validator Rejected Data
E = Serial dilution exceeds the control limits.
D⁵ = Dilution factor
N = Presumptive evidence of a compound.

TABLE 3A
BUILDING 3- FLOOR DRAIN
WASTE CHARACTERIZATION SAMPLE RESULTS
FINAL ENGINEERING REPORT
ATLAS PARK - PARCEL B
GLENDAL, NY

Location ID Sample ID Sample Date Unit	Hazardous Waste Regulatory Levels for Toxicity Characteristic	BUILDING 3 RO-3D(1) 1/20/2006 ug/L	BUILDING 3 RO-3D(2) 1/20/2006 ug/L	BUILDING 3 RO-3D(3) 1/20/2006 ug/L	BUILDING 3 RO-3D(4) 1/20/2006 ug/L
VOC TCLP					
BENZENE	500	2.6 JD ⁵	6.1 JD ⁵	11 JD ⁵	9 JD ⁵
CHLOROFORM	6000	2.6 JD ⁵	6.1 JD ⁵	10 JD ⁵	8.5 JD ⁵
TETRACHLOROETHENE	700	3 JD ⁵	6.4 JD ⁵	7.4 JD ⁵	7.3 JD ⁵
TRICHLOROETHYLENE	500	87 D ⁵	210 D ⁵	280 D ⁵	250 D ⁵
SVOC TCLP					
	-	ND	NA	NA	NA
METALS TCLP					
BARIUM	100000	313 J	NA	NA	NA
CHROMIUM (TOTAL)	5000	71.5 J	NA	NA	NA
SELENIUM	1000	< 100 U	NA	NA	NA
PESTICIDES & HERBICIDES TCLP					
	-	ND	NA	NA	NA

NOTES:

RCRA = Resource Conservation and Recovery Act.

QUALIFIERS

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

J = Result is an estimated value below the reporting

limit or a tentatively identified compound (TIC) detected.

D⁵ = Dilution factor

TABLE 3A
BUILDING 3- FLOOR DRAIN
WASTE CHARACTERIZATION SAMPLE RESULTS
FINAL ENGINEERING REPORT
ATLAS PARK - PARCEL B
GLENDALE, NY

Location ID Sample ID Sample Date Unit	Hazardous Waste Regulatory Levels for Toxicity Characteristic	BUILDING 3 RO-3S(1) 1/20/2006 ug/L	BUILDING 3 RO-3S(2) 1/20/2006 ug/L	BUILDING 3 RO-3S(3) 1/20/2006 ug/L	BUILDING 3 RO-3S(4) 1/20/2006 ug/L
VOC TCLP					
BENZENE	500	< 25	< 25	< 25	< 25
CHLOROFORM	6000	< 25	< 25	< 25	< 25
TETRACHLOROETHENE	700	< 25	< 25	< 25	< 25
TRICHLOROETHYLENE	500	< 25	< 25	< 25	< 25
SVOC TCLP					
	-	ND	NA	NA	NA
METALS TCLP					
BARIUM	100000	440	NA	NA	NA
CHROMIUM (TOTAL)	5000	4.5	NA	NA	NA
SELENIUM	1000	49.9	NA	NA	NA
PESTICIDES & HERBICIDES TCLP					
	-	ND	NA	NA	NA

NOTES:

RCRA = Resource Conservation and Recovery Act.

QUALIFIERS

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

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

D# = Dilution factor

TABLE 3A
BUILDING 3- FLOOR DRAIN WASTE CHARACTERIZATION SAMPLE RESULTS
FINAL ENGINEERING REPORT
ATLAS PARK - PARCEL B
GLENDALE, NY

12/28/2006

Location ID Sample ID Sample Date Unit	Building 3 B3-37-2.5-3-111405 11/14/2005 ug/Kg	Building 3 B3-37-7-7.5-111405 11/14/2005 ug/Kg
VOCs		
1,1-DICHLOROETHYLENE	177	< 4.3 U
2-BUTANONE (METHYL ETHYL KETONE)	1020	< 37.7 U
ACETONE	< 755 RV	< 466 RV
BENZENE	126000	148
CHLOROFORM	151000	259
DICHLOROMETHANE	11700	48.4
ETHYLBENZENE	17800	243
METHYLBENZENE	345000	1570
O-XYLENE	27500	486
TETRACHLOROETHENE	294000	2510
TRANS-1,2-DICHLOROETHENE	57.7	< 5.3 U
TRICHLOROETHYLENE	1420000	3410
XYLENE (TOTAL)	67300	1060
TOTALS	2461554.7	9734.4
SVOCs		
2-METHYLNAPHTHALENE	NA	NA
BENZO(K)FLUORANTHENE	NA	NA
CHRYSENE	NA	NA
DIBENZ(A,H)ANTHRACENE	NA	NA
TOTALS	NA	NA
Pesticides		
	NA	NA
Herbicides		
	NA	NA
PCBs		
AROCLOR - 1260 (PCB-1260)	NA	NA
Total PCBs	NA	NA
Metals		
	mg/Kg	mg/Kg
ALUMINUM	NA	NA
ANTIMONY	NA	NA
ARSENIC	NA	NA
BARIUM	NA	NA
BERYLLIUM	NA	NA
CADMIUM	NA	NA
CHROMIUM (TOTAL)	NA	NA
COBALT	NA	NA
COPPER	NA	NA
IRON	NA	NA
LEAD	NA	NA
MAGNESIUM	NA	NA
MANGANESE	NA	NA
NICKEL	NA	NA
POTASSIUM	NA	NA
SODIUM	NA	NA
VANADIUM	NA	NA
ZINC	NA	NA
CALCIUM	NA	NA
Total Solids (%)	75	93.1

Notes:

NA = Not Analyzed.

QUALIFIERS

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

RV = Validators Data

TABLE 3B
AOC: BUILDING 3 AOC 1 AND 2 PITS
WASTE CHARACTERIZATION SAMPLE RESULTS
FINAL ENGINEERING REPORT
ATLAS PARK - PARCEL B
GLENDALE, NY

Location ID	BUILDING 3	
Sample ID	AOC 1&2-B3-030806	
Sample Date	3/8/2006	
Unit	ug/kg	
VOC		
1,2,4-TRIMETHYLBENZENE	0.7	J
CARBON DISULFIDE	0.7	
DICHLOROMETHANE	20	O-01, J
METHYLBENZENE	0.9	J
NAPHTHALENE	3.5	J
TETRACHLOROETHENE	80.5	
TRICHLOROETHYLENE	0.6	J
SVOC		
2-METHYLNAPHTHALENE	7	J
BENZO(A)ANTHRACENE	20.7	J
BENZO(A)PYRENE	17.9	J
BENZO(G,H,I)PERYLENE	10.2	J
BENZO(K)FLUORANTHENE	11.2	J
CHRYSENE	20.7	J
FLUORANTHENE	27.7	J
INDENO(1,2,3-CD)PYRENE	12.6	J
PYRENE	37.8	J
PCB	ND	
METALS (mg/Kg)		
ARSENIC	1.26	J
BARIUM	49.6	
CADMIUM	0.177	J
CHROMIUM (TOTAL)	9.42	
LEAD	8.85	
SILVER	3.78	
OTHER CHARACTERISTICS		
REACTIVITY	Negative	
IGNITIBILITY	Negative	
SOILDS (%)	94.1	
SPECIFIC CONDUCTANCE (uS/cm)	228	
Ph (pH Units)	7.82	
TPH		
ACENAPHTHENE	27.3	J
TEPH	27.3	J
UNIDENTIFIED	27.3	J
TOTAL ORGANIC CARBON	22400	

QUALIFIERS

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

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

O-01 - Compound is a common Laboratory Contaminant.

TABLE 3B
AOC: BUILDING 3 AOC 1 AND 2 PITS
WASTE CHARACTERIZATION SAMPLE RESULTS
FINAL ENGINEERING REPORT
ATLAS PARK - PARCEL B
GLENDALE, NY

Location ID Sample ID Sample Date Unit	Hazardous Waste Regulatory Levels for Toxicity Characteristic	BUILDING 3 AOC 1&2-B3-030806 3/8/2006 ug/l
TCLP VOC		ND
TCLP SVOC	-	ND
TCLP PESTICIDES AND HERBICIDES	-	ND
TCLP METALS (mg/L)		
BARIUM	100	0.372
CADMIUM	1	0.001
CHROMIUM (TOTAL)	5	0.0031
LEAD	5	0.0078
TCLP SOLIDS (%)	-	94.1

NOTES:

RCRA = Resource Conservation and Recovery Act.
 ND = Not Detected.

QUALIFIERS

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

AOC: BUILDING 3 AOC 1 AND 2 PITS
WASTE CHARACTERIZATION SAMPLE RESULTS
FINAL ENGINEERING REPORT
ATLAS PARK- PARCEL B
GLENDALE, NY

Location ID Sample ID Sample Date Unit	Building 3 Pipe B3-PIPE2-1-013106 1/31/2006 ug/kg	Building 3 Pipe B3-PIPE3-0.5-013106 1/31/2006 ug/kg
VOCs		
2-BUTANONE	308	315
4-METHYL-2-PENTANONE	<	U
ACETONE	<	U
BENZENE	92.3	44.4
CARBON DISULFIDE	5.1	4.9
DICHLOROMETHANE	27.2	26.3
ETHYLBENZENE	88.3	61.9
METHYLBENZENE	349	242
TETRACHLOROETHENE	5640	3060
TRICHLOROETHYLENE	78.7	<
O-XYLENE	294	476
XYLENE (TOTAL)	573	797
Total	7423.3	4996.3
% Solids		
	92.8	93

QUALIFIERS

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

TABLE 3C
AOC: BUILDING 3 CON EDISON VAULT AND ELECTRICAL ROOM
WASTE CHARACTERIZATION SAMPLE RESULTS
FINAL ENGINEERING REPORT
ATLAS PARK - PARCEL B
GLENDAL, NY

Location ID Sample ID Sample Date Sample Time	Building 3 Bldg3-Coned-Concrete 7/28/2006 10:00	Building 3 Bldg3-Coned-Drain-SW 7/28/2006 10:00	Building 3 Bldg3-Coned-Drain-NW 7/28/2006 10:00
VOCs	ug/Kg	ug/Kg	ug/Kg
2-BUTANONE (METHYL ETHYL KETONE)	< 40.7 U	< 73.9 U	< 55.2 U
4-METHYL-2-PENTANONE	< 6.3 U	< 11.5 U	< 8.6 U
ACETONE	< 502 U	< 913 U	< 682 U
CARBON DISULFIDE	< 5.2 U	< 9.4 U	< 7 U
DICHLOROMETHANE	< 37.8 U	< 50 U	< 37.4 U
TETRACHLOROETHENE	< 3.4 U	< 6.2 U	< 4.7 U
TRICHLOROETHYLENE	< 6.3 U	< 11.5 U	< 8.6 U
SVOCs			
ACENAPHTHENE	NA	NA	NA
ANTHRACENE	NA	NA	NA
BENZO(A)ANTHRACENE	NA	NA	NA
BENZO(A)PYRENE	NA	NA	NA
BENZO(B)FLUORANTHENE	NA	NA	NA
BENZO(G,H,I)PERYLENE	NA	NA	NA
BENZO(K)FLUORANTHENE	NA	NA	NA
BIS(2-ETHYLHEXYL)PHTHALATE	NA	NA	NA
CHRYSENE	NA	NA	NA
DI-N-BUTYLPHTHALATE	NA	NA	NA
FLUORANTHENE	NA	NA	NA
INDENO(1,2,3-CD)PYRENE	NA	NA	NA
PHENANTHRENE	NA	NA	NA
PYRENE	NA	NA	NA
PCBs			
AROCOR - 1254 (PCB-1254)	697	2780	963
AROCOR - 1260 (PCB-1260)	233	1460	677
AROCOR - 1262 (PCB-1262)	< 0.26 U	< 0.392 U	< 0.286 U
AROCOR - 1268 (PCB-1268)	< 0.125 U	< 0.188 U	< 0.137 U
Total PCBs	930	4240	1640
PESTICIDES	NA	NA	NA
HERBICIDES	NA	NA	NA
Metals	mg/Kg	mg/Kg	mg/Kg
ARSENIC	NA	NA	NA
CADMIUM	NA	NA	NA
CHROMIUM (TOTAL)	NA	NA	NA
LEAD	NA	NA	NA
MERCURY	NA	NA	NA
CYANIDE	NA	NA	NA
ALUMINUM	NA	NA	NA
BARIUM	NA	NA	NA
BERYLLIUM	NA	NA	NA
CALCIUM	NA	NA	NA
COBALT	NA	NA	NA
COPPER	NA	NA	NA
IRON	NA	NA	NA
MAGNESIUM	NA	NA	NA
MANGANESE	NA	NA	NA
NICKEL	NA	NA	NA
POTASSIUM	NA	NA	NA
SILVER	NA	NA	NA
SODIUM	NA	NA	NA
VANADIUM	NA	NA	NA
ZINC	NA	NA	NA
PAHs			
TEPH	NA	NA	NA
UNIDENTIFIED	NA	NA	NA
SOLIDS (%)	94	65.7	79.2

Notes:
 ND = Not Detected.
 NA = Not Analyzed.

QUALIFIERS

D* = Results for a diluted sample, # indicates the dilution factor.
 U = Analyte was not detected at or above the reporting limit.
 ORGANICS: (PCBS, Pesticides, and Herbicides)
 J = Result is an estimated value below the reporting limit
 or a tentatively identified compound (TIC).

TABLE 3C
AOC: BUILDING 3 CON EDISON VAULT AND ELECTRICAL ROOM
WASTE CHARACTERIZATION SAMPLE RESULTS
FINAL ENGINEERING REPORT
ATLAS PARK - PARCEL B
GLENDALE, NY

Location ID Sample ID Sample Date Sample Time	Building 3 Bldg3-Coned-SW-DO-4 8/3/2006 10:00		Building 3 Bldg3-Coned-NW-DO-4 8/3/2006 13:00	
VOCs	ug/Kg		ug/Kg	
2-BUTANONE (METHYL ETHYL KETONE)	<	4.4	U	14.2
4-METHYL-2-PENTANONE	<	0.7	U	2.8
ACETONE	<	54.8	U	140
CARBON DISULFIDE	<	0.6	U	1.1
DICHLOROMETHANE	<	5.7		5.3
TETRACHLOROETHENE	<	20.1		25.8
TRICHLOROETHYLENE	<	2		2.5
SVOCs				
ACENAPHTHENE	<	9.73	U	17
ANTHRACENE	<	12.2	U	38
BENZO(A)ANTHRACENE	<	25.9	U	72
BENZO(A)PYRENE	<	13.7	U	64.7
BENZO(B)FLUORANTHENE	<	53.5	U	60.7
BENZO(G,H,I)PERYLENE	<	11.3	U	38.8
BENZO(K)FLUORANTHENE	<	16.2	U	49.3
BIS(2-ETHYLHEXYL)PHTHALATE	<	77.1	U	< 76.9 U
CHRYSENE	<	5.72	U	89.8
DI-N-BUTYLPHTHALATE	<	10.6	U	24.3
FLUORANTHENE	<	9.73	U	167
INDENO(1,2,3-CD)PYRENE	<	18.6	U	28.3
PHENANTHRENE	<	18.6	U	126
PYRENE	<	28.5	U	171
PCBs				
AROCLOR - 1254 (PCB-1254)	<	1.5	U	< 1.53 U
AROCLOR - 1260 (PCB-1260)	<	1.73	U	25.1
AROCLOR - 1262 (PCB-1262)	<	NA		NA
AROCLOR - 1268 (PCB-1268)	<	NA		NA
Total PCBs	<	ND		25.1
PESTICIDES	NA		NA	
HERBICIDES	NA		NA	
Metals	mg/Kg		mg/Kg	
ARSENIC	<	3.37		2.61
CADMIUM	<	0.125		0.21
CHROMIUM (TOTAL)	<	12.3		13.9
LEAD	<	4.91		17
MERCURY	<	0.0931	U	< 0.0965 U
CYANIDE				
ALUMINUM				
BARIUM				
BERYLLIUM				
CALCIUM				
COBALT				
COPPER				
IRON				
MAGNESIUM				
MANGANESE				
NICKEL				
POTASSIUM				
SILVER				
SODIUM				
VANADIUM				
ZINC				
PAHs				
TEPH	<	1.6	U	161
UNIDENTIFIED	<	4	U	161
SOLIDS (%)	87.4		86	

Notes:

ND = Not Detected.
 NA = Not Analyzed.

QUALIFIERS

D# = Results for a diluted sample, # indicates the dilution factor.
 U = Analyte was not detected at or above the reporting limit.
 ORGANICS: (PCBs, Pesticides, and Herbicides)
 J = Result is an estimated value below the reporting limit
 or a tentatively identified compound (TIC).

TABLE 3C
AOC: BUILDING 3 CON EDISON VAULT AND ELECTRICAL ROOM
WASTE CHARACTERIZATION SAMPLE RESULTS
FINAL ENGINEERING REPORT
ATLAS PARK - PARCEL B
GLENDALE, NY

Location ID Sample ID Sample Date Unit	NYSDEC/ Federal Hazardous Waste Characteristics Regulatory Levels	Building 3 Bldg3-Coned-SW-DO-4 8/3/2006 ug/L	Building 3 Bldg3-Coned-NW-DO-4 8/3/2006 ug/L
TCLP VOCs	-	ND	ND
TCLP SVOCs	-	ND	ND
TCLP Metals	mg/L	mg/L	mg/L
ARSENIC	5	0.0065	< 0.004
BARIUM	100	0.274	0.311
CADMIUM	1	0.0052	0.0126
CHROMIUM (TOTAL)	5	0.0068	0.0059
LEAD	5	0.0055	< 0.0023
RCRA Char.	mg/kg	mg/kg	mg/kg
CHROMIUM VI	-	0.338	< 0.335
CHROMIUM, TRIVALENT	-	12.3	13.9
CYANIDE	-	2.5	< 2.5
SULFIDE	-	5	< 4.99
TOTAL ORGANIC CARBON	-	43500	8860
SPECIFIC CONDUCTANCE (us/cm)	-	981	177
pH (pH units)	2-12.5	8.77	10.3
IGNITABILITY	<140° F	Negative	Negative
REACTIVITY	-	Negative	Negative

Notes:

ND = Not Detected.

RCRA = Resource Conservation and Recovery Act.

QUALIFIERS

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

TABLE 3D
BUILDING 3 STOCKPILES
WASTE CHARACTERIZATION SAMPLE RESULTS
FINAL ENGINEERING REPORT
ATLAS PARK- PARCEL B
GLENDAL, NY

12/28/2006

Location ID Sample ID Sample Date Unit	Building 3 Bldg3-Loading Dock 8/22/2006 14:00	Building 3 Bldg3-SP-051706 5/17/2006
VOC		
1,2,4-TRIMETHYLBENZENE	ND	ND
1,3,5-TRIMETHYLBENZENE	NA	NA
2-BUTANONE (METHYL ETHYL KETONE)	10.4	ND
4-METHYL-2-PENTANONE	ND	1
ACETONE	85.2	ND
BENZENE	ND	ND
CARBON DISULFIDE	1.5	1.1
CFC-11	ND	1.7
DICHLOROMETHANE	4.2	7.5
METHYLBENZENE	ND	1.2
NAPHTHALENE	ND	ND
N-BUTYLBENZENE	NA	NA
N-PROPYLBENZENE	NA	NA
O-XYLENE	ND	ND
TETRACHLOROETHENE	ND	24.7
TRICHLOROETHYLENE	ND	ND
XYLENE (TOTAL)	ND	ND
SVOC		
1-METHYLNAPHTHALENE	NA	11.2
2-METHYLNAPHTHALENE	ND	11.9
ACENAPTHENE	ND	33.9
ACENAPHTHYLENE	NA	17.1
ANTHRACENE	ND	98.8
BENZO(A)ANTHRACENE	282	390
BENZO(A)PYRENE	ND	335
BENZO(B)FLUORANTHENE	ND	415
BENZO(K)FLUORANTHENE	ND	182
BENZO(G,H,I)PERYLENE	ND	172
BENZYL BUTYL PHTHALATE	ND	ND
CARBAZOLE	NA	98.8
CHRYSENE	403	312
DIBENZOFURAN	NA	26.7
DI-N-BUTYLPHTHALATE	ND	19.1
FLUORANTHENE	782	795
FLUORENE	ND	27.5
INDENO(1,2,3-CD)PYRENE	ND	168
NAPHTHALENE	ND	13.5
PHENANTHRENE	NA	505
PYRENE	882	1030
PCB		
AROCLOR - 1016 (PCB-1016)	ND	2.04
AROCLOR - 1254 (PCB-1254)	< 1.57 U	< 1.47
AROCLOR - 1260 (PCB-1260)	< 1.81 U	< 1.7
AROCLOR - 1262 (PCB-1262)	NA	< 0.272
AROCLOR - 1268 (PCB-1268)	NA	< 0.13
PESTICIDES & HERBICIDES		
ENDOSULFAN I	NA	NA
METALS		
	mg/Kg	mg/Kg
CHROMIUM III	17.8	10.7
CHROMIUM VI	1.06	0.456
ARSENIC	4.18	1.31
BARIUM	NA	NA
BERYLLIUM	NA	NA
CADMIUM	0.692	0.214
CHROMIUM (TOTAL)	20.6	10.7
COPPER	NA	NA
LEAD	52.2	17.1
NICKEL	NA	NA
SELENIUM	NA	NA
SILVER	NA	NA
ZINC	NA	NA
CYANIDE	< 2.49 U	< 2.48
REACTIVITY	Negative	Negative
SULFIDE	< 4.98 U	< 4.96
MERCURY	0.226	< 0.0263
TPH		
TEPH	58.3	13.6
UNIDENTIFIED	58.3	13.6
TOTAL ORGANIC CARBON	32300	7930
MISC.		
SOLIDS	90.8	86.1
IGNITABILITY	Negative	Negative
SPECIFIC CONDUCTANCE (uS/cm)	522	226
pH	7.58	10.1

NOTES:

NA = Not Analyzed.
ND = Not Detected.

QUALIFIERS

U = Analyte was not detected at or above the reporting limit.
J = Result is an estimated value below the reporting limit or a tentatively identified compound (TIC) detected.
O-01 - Compound is a common Laboratory Contaminant.

**TABLE 3D
BUILDING 3 STOCKPILES
WASTE CHARACTERIZATION SAMPLE RESULTS
FINAL ENGINEERING REPORT
ATLAS PARK- PARCEL B
GLENDALE, NY**

12/28/2006

Location ID Sample ID Sample Date Unit	Building 3 Bldg3-SP1-052406 5/24/2006	Building 3 Bldg3-SP2-061406 6/14/2006	Building 3 Bldg3-SP3-081406 8/14/2006
VOC			
1,2,4-TRIMETHYLBENZENE	ND	393	NA
1,3,5-TRIMETHYLBENZENE	NA	131	NA
2-BUTANONE (METHYL ETHYL KETONE)	ND	264	< 4.9 U
4-METHYL-2-PENTANONE	ND	ND	3
ACETONE	122	ND	68.7
BENZENE	0.7	ND	< 0.8 U
CARBON DISULFIDE	10.3	ND	2.7
CFC-11	10.6	ND	NA
DICHLOROMETHANE	5.8	99.9	7.3
METHYLBENZENE	2.4	ND	1.7
NAPHTHALENE	3.8	237	NA
N-BUTYLBENZENE	NA	88.4	NA
N-PROPYLBENZENE	NA	52	NA
O-XYLENE	ND	84.8	< 1.2 U
TETRACHLOROETHENE	11.9	ND	8
TRICHLOROETHYLENE	2.1	ND	0.9
XYLENE (TOTAL)	ND	83	< 1.6 U
SVOC			
1-METHYLNAPHTHALENE	ND	ND	NA
2-METHYLNAPHTHALENE	ND	ND	ND
ACENAPHTHENE	82.9	27.6	ND
ACENAPHTHYLENE	ND	ND	ND
ANTHRACENE	68.3	88.3	56.5
BENZO(A)ANTHRACENE	134	165	90.1
BENZO(A)PYRENE	90.6	165	89.2
BENZO(B)FLUORANTHENE	94.8	194	106
BENZO(K)FLUORANTHENE	116	141	102
BENZO(G,H,I)PERYLENE	52.2	105	44.6
BENZYL BUTYL PHTHALATE	398	40.6	ND
CARBAZOLE	23.8	49	NA
CHRYSENE	143	230	ND
DIBENZOFURAN	26.5	ND	ND
DI-N-BUTYLPHTHALATE	407	ND	ND
FLUORANTHENE	279	ND	ND
FLUORENE	50.3	ND	ND
INDENO(1,2,3-CD)PYRENE	52.6	117	45.5
NAPHTHALENE	ND	ND	ND
PHENANTHRENE	200	272	127
PYRENE	335	519	253
PCB			
AROCLOR - 1016 (PCB-1016)	< 1.85	< 1.96	< 3
AROCLOR - 1254 (PCB-1254)	< 1.34	< 1.42	46.2
AROCLOR - 1260 (PCB-1260)	41.9	29.9	25.3
AROCLOR - 1262 (PCB-1262)	< 0.247	< 0.262	NA
AROCLOR - 1268 (PCB-1268)	< 0.118	< 0.126	NA
PESTICIDES & HERBICIDES			
ENDOSULFAN I	NA	NA	NA
METALS			
	mg/Kg	mg/Kg	mg/Kg
CHROMIUM III	9.99	15.7	14.4
CHROMIUM VI	0.758	< 0.322	2.06
ARSENIC	2.79	1.84	5.31
BARIUM	NA	NA	NA
BERYLLIUM	NA	NA	NA
CADMIUM	0.261	< 0.278	0.148
CHROMIUM (TOTAL)	9.99	15.7	16.5
COPPER	NA	NA	NA
LEAD	27.8	40	35.7
NICKEL	NA	NA	NA
SELENIUM	NA	NA	NA
SILVER	NA	NA	NA
ZINC	NA	NA	NA
CYANIDE	< 2.49	< 2.49	< 2.49
REACTIVITY	Negative	Negative	Negative
SULFIDE	< 4.98	< 4.98	< 4.97
MERCURY	0.0268	0.0497	0.119
TPH			
TEPH	158	188	89.6
UNIDENTIFIED	158	188	89.6
TOTAL ORGANIC CARBON	NA	7940	20900
MISC.			
SOLIDS	93.2	89.4	82.4
IGNITABILITY	Negative	Negative	Negative
SPECIFIC CONDUCTANCE (uS/cm)	275	301	436
pH	10	10.1	10.7

NOTES:

NA = Not Analyzed.
ND = Not Detected.

QUALIFIERS

U = Analyte was not detected at or above the reporting limit.
J = Result is an estimated value below the reporting limit or a tentatively identified compound (TIC) detected.
O-01 - Compound is a common Laboratory Contaminant.

Table 3D
BUILDING 3 STOCKPILES
WASTE CHARACTERIZATION SAMPLE RESULTS
FINAL ENGINEERING REPORT
ATLAS PARK- PARCEL B
GLENDAL, NY

Location ID Sample ID Sample Date Unit	Hazardous Waste Regulatory Levels for Toxicity Characteristic (ug/L)	Building 3 Bldg3-Loading Dock 8/22/2006 ug/L	Building 3 Bldg3-SP-051706 5/17/2006
TCLP VOC			
2-BUTANONE (METHYL ETHYL KETONE)	200000	ND	14.2
ACETONE	-	ND	NA
DICHLOROMETHANE	-	ND	NA
TCLP SVOC			
	-	ND	ND
TCLP PESTICIDES & HERBICIDES			
	-	ND	NA
TCLP METALS			
BARIUM	100000	329	0.475
CADMIUM	1000	ND	0.001
CHROMIUM (TOTAL)	5000	ND	0.0047
LEAD	5000	16	0.0086
SILVER	-	ND	< 0.008
MERCURY	-	ND	< 0.0003

NOTES:

RCRA = Resource Conservation and Recovery Act.
 NA = Not Analyzed.
 ND = Not Detected.

QUALIFIERS

U = Analyte was not detected at or above the reporting limit.
 J = Result is an estimated value below the reporting limit or a tentatively identified compound (TIC) detected.

Table 3D
BUILDING 3 STOCKPILES
WASTE CHARACTERIZATION SAMPLE RESULTS
FINAL ENGINEERING REPORT
ATLAS PARK - PARCEL B
GLENDAL, NY

Location ID Sample ID Sample Date Unit	Hazardous Waste Regulatory Levels for Toxicity Characteristic (ug/L)	Building 3 Bldg3-SP1-052406 5/24/2006	Building 3 Bldg3-SP2-061406 6/14/2006	Building 3 Bldg3-SP3-081406 8/14/2006
TCLP VOC				
2-BUTANONE (METHYL ETHYL KETONE)	200000	< 12.2 U	29.4 NA	< 12.2 U
ACETONE	-	ND	NA	NA
DICHLOROMETHANE	-	ND	NA	NA
TCLP SVOC				
		ND	ND	ND
TCLP PESTICIDES & HERBICIDES				
		ND	ND	ND
TCLP METALS				
BARIUM	100000	0.374	0.274	0.329
CADMIUM	1000	< 0.0003 U	< 0.0003 U	< 0.0003 U
CHROMIUM (TOTAL)	5000	< 0.005 U	0.0183	0.022
LEAD	5000	0.0178	0.0025	0.0038
SILVER	-	< 0.008 U	< 0.008 U	< 0.008 U
MERCURY	-	< 0.0003 U	< 0.0003 U	< 0.0003 U

NOTES:

RCRA = Resource Conservation and Recovery Act.

NA = Not Analyzed.

ND = Not Detected.

QUALIFIERS

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

J = Result is an estimated value below the reporting

limit or a tentatively identified compound (TIC) detected.

TABLE 3D
BUILDING 3 STOCKPILES
WASTE CHARACTERIZATION SAMPLE RESULTS
FINAL ENGINEERING REPORT
ATLAS PARK- PARCEL B
GLENDAL, NY

Client ID	WC-Bldg3SP-100406		
Lab Sample ID	SA52108-02RE1		
Date Sampled	04-Oct-06 14:30		
Units	µg/kg dry		
VOC			
Methylene chloride	6.3	O-01, J	
Tetrachloroethene	9.3		
SVOC			
Benzo (a) anthracene	89.7	J	
Benzo (a) pyrene	80.5	J	
Benzo (b) fluoranthene	75.5	J	
Benzo (k) fluoranthene	82.6	J	
Chrysene	92.8	J	
Fluoranthene	211	J	
Pyrene	152	J	
PCB			
PCB 1260	21.3	J	
METALS			
Arsenic	3.01		
Cadmium	0.22	J	
Chromium	15.3		
Mercury	0.0324		
Lead	12.6		
Trivalent Chromium	15.3		
TPH			
Total Petroleum Hydrocarbons	90.5		
Unidentified	90.5		
Total Organic Carbon	4340		
RCRA			
Ignitability by Definition	Negative	U	
Reactive Cyanide	< 24.9	U	
Reactive Sulfide	< 49.9	U	
Reactivity	Negative		
pH	10		
% Solids	90.6		
Specific Conductance (EC)	178		

QUALIFIERS

U = Analyte was not detected at or above the reporti

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

O-01 - Compound is a common Laboratory Contamin

TABLE 3D
BUILDING 3 STOCKPILES
WASTE CHARACTERIZATION SAMPLE RESULTS
FINAL ENGINEERING REPORT
ATLAS PARK- PARCEL B
GLENDAL, NY

Client ID	NYSDEC TAGM	WC-Bldg3SP-100406
Lab Sample ID	RECOMMENDED	SA52108-02
Date Sampled	SOIL CLEANUP	04-Oct-06 14:30
Units	OBJECTIVE	µg/l
TCLP VOC	-	ND
TCLP SVOC	-	ND
TCLP METALS		
Barium	100	0.429
Cadmium	1	0.0012
Chromium	5	0.0094
Lead	5	0.0094
TCLP PESTICIDES		
Dieldrin	-	< 0.005
TCLP HERBICIDES		
2,4,5-TP (Silvex)	-	< 0.1
2,4-D	-	< 0.1

NOTES:

RCRA = Resource Conservation and Recovery Act.

ND = Not Detected.

QUALIFIERS

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

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

Table 3D
BUILDING 3 STOCKPILES
WASTE CHARACTERIZATION SAMPLE RESULTS
FINAL ENGINEERING REPORT
ATLAS PARK - PARCEL B
GLENDAL, NY

12/28/2006

Location ID Sample ID Sample Date Unit	STOCKPILE 3 SP-RI-100605(2) 10/6/2005 ug/Kg			STOCKPILE 3 SP-RI-100605(1) 10/6/2005 ug/Kg			STOCKPILE 3 SP-RI-100605(G2) 10/6/2005 ug/Kg		
VOC									
1,2,4-TRIMETHYLBENZENE		NA			NA			NA	
1,3,5-TRIMETHYLBENZENE		NA			NA			NA	
2-BUTANONE (METHYL ETHYL KETONE)	<	32	U	<	28	U	<	42000	UD ¹⁰
4-METHYL-2-PENTANONE	<	32	U	<	28	U	<	42000	UD ¹⁰
ACETONE	<	32	U	<	28	U	<	42000	JB
BENZENE	<	6.4	U	<	5.6	U	<	8300	UD ¹⁰
CARBON DISULFIDE		NA			NA		<	8300	UD ¹⁰
CFC-11		NA			NA		<	8300	UD ¹⁰
DICHLOROMETHANE	<	6.4	U	<	5.6	U	<	8300	J
METHYLBENZENE	<	6.4	U	<	5.6	U	<	8300	UD ¹⁰
NAPHTHALENE		NA			NA			NA	
N-BUTYLBENZENE		NA			NA			NA	
N-PROPYLBENZENE		NA			NA			NA	
O-XYLENE	<	6.4	U	<	5.6	U	<	8300	UD ¹⁰
TETRACHLOROETHENE	<	6.4	U	<	5.6	U	<	8300	UD ¹⁰
TRICHLOROETHYLENE	<	6.4	U	<	5.6	U	<	8300	UD ¹⁰
XYLENE (TOTAL)	<	12.8	U	<	13.2	U	<	25300	UD ¹⁰
SVOC									
1-METHYLNAPHTHALENE		NA			NA			NA	
2-METHYLNAPHTHALENE		NA			NA			NA	
ACENAPHTHENE	<	2100	UD ⁵	<	1800	UD ⁵		NA	
ACENAPHTHYLENE		NA			NA			NA	
ANTHRACENE		510	JD ⁵	<	1800	UD ⁵		NA	
BENZO(A)ANTHRACENE		1500	JD ⁵		950	JD ⁵		NA	
BENZO(A)PYRENE		1200	JD ⁵		900	JD ⁵		NA	
BENZO(B)FLUORANTHENE		1600	JD ⁵		1000	JD ⁵		NA	
BENZO(K)FLUORANTHENE		1600	JD ⁵		1300	JD ⁵		NA	
BENZO(G,H,I)PERYLENE		NA			NA			NA	
BENZYL BUTYL PHTHALATE	<	2100	UD ⁵	<	1800	UD ⁵		NA	
CARBAZOLE		NA			NA			NA	
CHRYSENE	<	2100	UD ⁵		880	JD ⁵		NA	
DIBENZOFURAN		NA			NA			NA	
DI-N-BUTYLPHTHALATE	<	2100	UD ⁵	<	1800	UD ⁵		NA	
FLUORANTHENE		3200	D ⁵		1400	JD ⁵		NA	
FLUORENE	<	2100	UD ⁵	<	1800	UD ⁵		NA	
INDENO(1,2,3-CD)PYRENE	<	2100	UD ⁵	<	1800	UD ⁵		NA	
NAPHTHALENE	<	2100	UD ⁵	<	1800	UD ⁵		NA	
PHENANTHRENE		NA			NA			NA	
PYRENE		3300	D ⁵		570	JD ⁵		NA	
PCB									
AROCLOR - 1016 (PCB-1016)	<	22	U	<	190	UD ¹⁰		NA	
AROCLOR - 1254 (PCB-1254)		250	P		2100	UD ¹⁰		NA	
AROCLOR - 1260 (PCB-1260)	<	22	U	<	190	UD ¹⁰		NA	
AROCLOR - 1262 (PCB-1262)		NA			NA			NA	
AROCLOR - 1268 (PCB-1268)		NA			NA			NA	
PESTICIDES & HERBICIDES									
ENDOSULFAN I		9			20			NA	
METALS									
		mg/Kg			mg/Kg			mg/Kg	
CHROMIUM III		21.8			19.9			NA	
CHROMIUM VI	<	0.515	U	<	0.462	U		NA	
ARSENIC		4.81			4.78			NA	
BARIUM		74.6			82.9			NA	
BERYLLIUM		0.444	J		0.44	J		NA	
CADMIUM	<	0.042	U	<	0.037	U		NA	
CHROMIUM (TOTAL)		21.8			19.9			NA	
COPPER		48.9			55.5			NA	
LEAD		85.2			113			NA	
NICKEL		30.2			34.1			NA	
SELENIUM	<	0.439	U		0.526	J		NA	
SILVER		1.82			1.7			NA	
ZINC		149			138			NA	
CYANIDE		1.35			1.86			NA	
REACTIVITY		NA			NA			NA	
SULFIDE		NA			NA			NA	
MERCURY		0.319			0.856	D ²		NA	
TPH									
TEPH		458.7			1445.1			NA	
UNIDENTIFIED		NA			NA			NA	
TOTAL ORGANIC CARBON		NA			NA			NA	
MISC.									
SOLIDS		NA			NA			NA	
IGNITABILITY		NA			NA			NA	
SPECIFIC CONDUCTANCE (uS/cm)		NA			NA			NA	
pH		NA			NA			NA	

NOTES:

NA = Not Analyzed.
ND = Not Detected.

QUALIFIERS

U = Analyte was not detected at or above the reporting limit.
J = Result is an estimated value below the reporting limit or a tentatively identified compound (TIC) detected.
V = Result is changed because of Data Validation.
R = Validator Rejected Data
E = Serial dilution exceeds the control limits.
D⁵ = Dilution factor
O-01 = Compound is a common Laboratory C

Table 3D
BUILDING 3 STOCKPILES
WASTE CHARACTERIZATION SAMPLE RESULTS
FINAL ENGINEERING REPORT
ATLAS PARK- PARCEL B
GLENDALE, NY

12/28/2006

Location ID Sample ID Sample Date Unit	STOCKPILE 3 SP-R1-100605(G1) 10/6/2005 ug/Kg	STOCKPILE 3 SP-Parcel B-A-021506 2/15/2006 ug/Kg	STOCKPILE 3 SP-Parcel B-B-021506 2/15/2006 ug/Kg	STOCKPILE 3 SP-Parcel B-C-021506 2/15/2006 ug/Kg
VOC				
1,2,4-TRIMETHYLBENZENE	NA	NA	NA	NA
1,3,5-TRIMETHYLBENZENE	NA	NA	NA	NA
2-BUTANONE (METHYL ETHYL KETONE)	< 30 U	< 48.5 U	80.4	3.9
4-METHYL-2-PENTANONE	< 30 U	< 7.5 U	< 7.4 U	1.2
ACETONE	< 30 U	< 599 U	< 593 U	63.6
BENZENE	< 6.1 U	< 7.5 U	< 7.4 U	< 6.1 U
CARBON DISULFIDE	< 6.1 U	< 6.2 U	< 6.1 U	13.8
CFC-11	< 6.1 U	NA	NA	NA
DICHLOROMETHANE	< 6.1 U	< 32.8 U	< 32.4 U	10
METHYLBENZENE	< 6.1 U	< 10.9 U	< 10.8 U	1
NAPHTHALENE	NA	NA	NA	NA
N-BUTYLBENZENE	NA	NA	NA	NA
N-PROPYLBENZENE	NA	NA	NA	NA
O-XYLENE	< 6.1 U	< 12.3 U	< 12.2 U	< 0.8 U
TETRACHLOROETHENE	< 6.1 U	< 37.6 U	< 4.1 U	2.1
TRICHLOROETHYLENE	< 6.1 U	< 7.5 U	< 7.4 U	< 0.5 U
XYLENE (TOTAL)	< 12 U	< 15.7 U	< 15.5 U	< 1.1 U
SVOC				
1-METHYLNAPHTHALENE	NA	NA	NA	NA
2-METHYLNAPHTHALENE	NA	NA	NA	NA
ACENAPHTHENE	NA	NA	NA	NA
ACENAPHTHYLENE	NA	NA	NA	NA
ANTHRACENE	NA	NA	NA	NA
BENZO(A)ANTHRACENE	NA	NA	NA	NA
BENZO(A)PYRENE	NA	NA	NA	NA
BENZO(B)FLUORANTHENE	NA	NA	NA	NA
BENZO(K)FLUORANTHENE	NA	NA	NA	NA
BENZO(G,H,I)PERYLENE	NA	NA	NA	NA
BENZYL BUTYL PHTHALATE	NA	NA	NA	NA
CARBAZOLE	NA	NA	NA	NA
CHRYSENE	NA	NA	NA	NA
DIBENZOFURAN	NA	NA	NA	NA
DI-N-BUTYLPHTHALATE	NA	NA	NA	NA
FLUORANTHENE	NA	NA	NA	NA
FLUORENE	NA	NA	NA	NA
INDENO(1,2,3-CD)PYRENE	NA	NA	NA	NA
NAPHTHALENE	NA	NA	NA	NA
PHENANTHRENE	NA	NA	NA	NA
PYRENE	NA	NA	NA	NA
PCB				
AROCOR - 1016 (PCB-1016)	NA	< 1.94 U	< 1.94 U	< 1.87 U
AROCOR - 1254 (PCB-1254)	NA	< 1.4 U	< 1.4 U	< 1.35 U
AROCOR - 1260 (PCB-1260)	NA	55.3	92.6	32.7
AROCOR - 1262 (PCB-1262)	NA	NA	NA	NA
AROCOR - 1268 (PCB-1268)	NA	NA	NA	NA
PESTICIDES & HERBICIDES				
ENDOSULFAN I	NA	NA	NA	NA
METALS				
	mg/Kg	mg/Kg	mg/Kg	mg/Kg
CHROMIUM III	NA	12	14.6	14.1
CHROMIUM VI	NA	1.85	1.41	< BRL U
ARSENIC	NA	5.69	6.03	2.42
BARIUM	NA	NA	NA	NA
BERYLLIUM	NA	NA	NA	NA
CADMIUM	NA	0.369	0.372	0.526
CHROMIUM (TOTAL)	NA	12	14.6	14.1
COPPER	NA	NA	NA	NA
LEAD	NA	45.3	73.5	19.3
NICKEL	NA	NA	NA	NA
SELENIUM	NA	NA	NA	NA
SILVER	NA	NA	NA	NA
ZINC	NA	NA	NA	NA
CYANIDE	NA	< 2.49 U	< 2.5 U	< 2.49 U
REACTIVITY	NA	Negative	Negative	Negative
SULFIDE	NA	9.06	8.9	8.64
MERCURY	NA	0.14	0.244	< 0.0359 U
TPH				
TEPH	NA	NA	NA	NA
UNIDENTIFIED	NA	228	489	343
TOTAL ORGANIC CARBON	NA	23600	11400	2760
MISC.				
SOLIDS	NA	87.9	89.8	92.2
IGNITABILITY	NA	Negative	Negative	Negative
SPECIFIC CONDUCTANCE (uS/cm)	NA	NA	NA	NA
pH	NA	9.66	10.9	10.9

NOTES:

NA = Not Analyzed.
 ND = Not Detected.

QUALIFIERS

U = Analyte was not detected at or above the reporting limit. R = Validator Rejected Data
 J = Result is an estimated value below the reporting limit or a tentatively identified compound (TIC) detected. E = Serial dilution exceeds the control limits.
 V = Result is changed because of Data Validation. D* = Dilution factor
 O-01 = Compound is a common Laboratory Contaminant.

TABLE 3D
BUILDING 3 STOCKPILES
WASTE CHARACTERIZATION SAMPLE RESULTS
FINAL ENGINEERING REPORT
ATLAS PARK- PARCEL B
GLENDAL, NY

Location ID Sample ID Sample Date Unit	Hazardous Waste Regulatory Levels for Toxicity Characterstic (ug/L)	STOCKPILE 8 SP-RI-100605(2) 10/6/2005 ug/L	STOCKPILE 8 SP-RI-100605(1) 10/6/2005 ug/L	STOCKPILE 8 SP-RI-100605(G2) 10/6/2005 ug/L	STOCKPILE 8 SP-RI-100605(G1) 10/6/2005 ug/L
TCLP VOC					
2-BUTANONE (METHYL ETHYL KETONE)	200000	< 120 UD ⁵	< 120 UD ⁵	< 120 UD ⁵	< 120 UD ⁵
ACETONE	-	NA	NA	NA	NA
DICHLOROMETHANE	-	NA	NA	NA	NA
TCLP SVOC					
	-	ND	ND	NA	NA
TCLP PESTICIDES & HERBICIDES					
	-	ND	ND	NA	NA
TCLP METALS					
BARIUM	100000	249 J	264 J	NA	NA
CADMIUM	1000	6.3 J	< 50 U	NA	NA
CHROMIUM (TOTAL)	5000	39.5 J	13.4 J	NA	NA
LEAD	5000	< 50 U	< 50 U	NA	NA
SILVER	-	53 J	19 JN	NA	NA
MERCURY	-	0.71 J	< 2 U	NA	NA

NOTES:

RCRA = Resource Conservation and Recovery Act.

NA = Not Analyzed.

ND = Not Detected.

QUALIFIERS

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

J = Result is an estimated value below the reporting

limit or a tentatively identified compound (TIC) detected.

D⁴ = Dilution factor

N = Spike recovery exceeds the lower or upper control limits.

TABLE 3D
BUILDING 3 STOCKPILES
WASTE CHARACTERIZATION SAMPLE RESULTS
FINAL ENGINEERING REPORT
ATLAS PARK- PARCEL B
GLENDAL, NY

Location ID Sample ID Sample Date Unit	Hazardous Waste Regulatory Levels for Toxicity Characteristics (ug/L)	STOCKPILE 8 SP-Parcel B-A-021506 2/15/2006 ug/L	STOCKPILE 8 SP-Parcel B-B-021506 2/15/2006 ug/L	STOCKPILE 8 SP-Parcel B-C-021506 2/15/2006 ug/L
TCLP VOC				
2-BUTANONE (METHYL ETHYL KETONE)	200000	<	12.2	<
ACETONE	-	<	12.8	U
DICHLOROMETHANE	-	6.4	34.1	<
			7.4	6.9
TCLP SVOC				
	-	NA	NA	NA
TCLP PESTICIDES & HERBICIDES				
	-	NA	NA	NA
TCLP METALS				
BARIUM	100000	0.389	0.402	0.317
CADMIUM	1000	<	0.0025	<
CHROMIUM (TOTAL)	5000	<	0.005	U
LEAD	5000	0.0099	0.0282	<
SILVER	-	<	0.008	U
MERCURY	-	<	0.0003	U

NOTES:

RCRA = Resource Conservation and Recovery Act.

NA = Not Analyzed.

ND = Not Detected.

QUALIFIERS

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

J = Result is an estimated value below the reporting

limit or a tentatively identified compound (TIC) detected.

D* = Dilution factor

N = Spike recovery exceeds the lower or upper control limits.

TABLE 3D
INVESTIGATION DERIVED WASTE DRUMS
WASTE CHARACTERIZATION SAMPLE RESULTS
FINAL ENGINEERING REPORT
ATLAS PARK - PARCEL B
GLENDAL, NY

Location ID Sample ID Sample Date Sample Time Unit	Federal Hazardous Waste Characteristics Regulatory Levels ug/L	Drum WC Drum Comp 1 7/10/2006 9:30 ug/L	Drum WC Drum Comp 2 7/10/2006 10:20 ug/L	Drum WC Drum Comp 3 7/10/2006 11:00 ug/L	Drum WC Drum Comp 4 7/10/2006 11:30 ug/L	Drum WC Drum Comp 5 7/10/2006 12:00 ug/L
TCLP VOCs	-	ND	ND	ND	ND	ND
TCLP SVOCs	-	ND	ND	ND	ND	ND
TCLP Pesticides	-	ND	ND	ND	ND	ND
TCLP Herbicides	-	ND	ND	ND	ND	ND
TCLP Metals	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
BARIUM	100	0.403	0.326	0.289	0.394	0.337
CADMIUM	1	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025
CHROMIUM (TOTAL)	5	< 0.0128	< 0.0025	< 0.005	< 0.006	< 0.005
LEAD	5	< 0.015	< 0.0025	< 0.015	3.93	< 0.015
SELENIUM	1	< 0.015	< 0.0025	< 0.015	< 0.015	< 0.015
RCRA						
SOLIDS (percent)	-	93.1	92.4	92.6	88.4	97.1
IGNITABILITY	<140° F	Negative	Negative	Negative	Negative	Negative
CYANIDE (mg/kg)	-	< 2.5	< 2.49	< 2.5	< 2.49	< 2.49
REACTIVITY	-	Negative	Negative	Negative	Negative	Negative
SULFIDE (mg/kg)	-	< 4.99	< 4.98	8.62	< 4.99	< 4.98
pH (pH units)	2-12.5	9.33	8.32	8.6	8.26	8.53

NOTES:

ND = Not Detected.

RCRA = Resource Conservation and Recovery Act.

QUALIFIERS

D* = Results for a diluted sample, # indicates the dilution factor.

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

J = Result is an estimated value below the reporting limit

or a tentatively identified compound (TIC).

TABLE 3D
INVESTIGATION DERIVED WASTE DRUMS
WASTE CHARACTERIZATION SAMPLE RESULTS
FINAL ENGINEERING REPORT
ATLAS PARK - PARCEL B
GLENDAL, NY

Location ID Sample ID Sample Date Sample Time Unit	Federal Hazardous Waste Characteristics Regulatory Levels ug/L	Drum WC Drum Comp 6 38908 12:00 ug/L	Drum WC Drum Comp 7 7/10/2006 13:30 ug/L	Drum WC Drum Comp 8 7/10/2006 13:30 ug/L	Drum WC Drum Comp 9 7/10/2006 13:30 ug/L	Drum WC Drum Comp 10 7/10/2006 13:00 ug/L	Drum WC Drum Comp 11 7/10/2006 13:00 ug/L
TCLP VOCs	-	ND	ND	ND	ND	ND	ND
TCLP SVOCs	-	ND	ND	ND	ND	ND	ND
TCLP Pesticides	-	ND	ND	ND	ND	ND	ND
TCLP Herbicides	-	ND	ND	ND	ND	ND	ND
TCLP Metals	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
BARIUM	100	0.433	0.654	0.522	0.494	0.369	0.415
CADMIUM	1	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025
CHROMIUM (TOTAL)	5	< 0.005	< 0.005	< 0.0076	< 0.005	< 0.0103	< 0.005
LEAD	5	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015
SELENIUM	1	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015
RCRA							
SOLIDS (percent)		93.8	90.3	91.9	84.8	91.9	95.8
IGNITABILITY	<140° F	Negative	Negative	Negative	Negative	Negative	Negative
CYANIDE (mg/kg)	-	< 2.5	< 2.5	< 2.49	< 2.5	< 2.49	< 2.5
REACTIVITY	-	Negative	Negative	Negative	Negative	Negative	Negative
SULFIDE (mg/kg)	-	8.52	< 4.99	< 4.99	< 5	< 8.65	< 8.33
pH (pH units)	2-12.5	9.12	9.24	7.78	7.84	8.9	10

Notes:

ND = Not Detected.

RCRA = Resource Conservation and Recovery Act.

QUALIFIERS

D# = Results for a diluted sample, # indicates the dilution factor.

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

J = Result is an estimated value below the reporting limit

or a tentatively identified compound (TIC).

TABLE 3D
INVESTIGATION DERIVED WASTE DRUMS
WASTE CHARACTERIZATION SAMPLE RESULTS
FINAL ENGINEERING REPORT
ATLAS PARK - PARCEL B
GLENDAL, NY

Location ID Sample ID Sample Date Sample Time Unit	Federal Hazardous Waste Characteristics Regulatory Levels ug/L	Drum WC Drum Comp 1-082406 8/24/2006 12:00 ug/L	Drum WC Drum Comp 2-082406 8/24/2006 12:00 ug/L	Drum WC Drum Comp 3-082406 8/24/2006 12:00 ug/L
TCLP VOCs	-	ND	ND	ND
TCLP SVOCs	-	ND	ND	ND
TCLP Pesticides	-	ND	ND	ND
TCLP Herbicides	-	ND	ND	ND
TCLP Metals	mg/L	mg/L	mg/L	mg/L
BARIUM	100	0.43	0.551	0.595
CADMIUM	1	0.0003	0.0003	0.0003
CHROMIUM (TOTAL)	5	0.0156	0.0137	0.0096
LEAD	5	0.0084	0.118	0.025
SELENIUM	1	0.006	0.0073	0.0071
RCRA				
SOLIDS (percent)	-	96.9	87.3	94.9
IGNITABILITY	<140° F	Negative	Negative	Negative
CYANIDE (mg/kg)	-	2.49	2.49	2.5
REACTIVITY	-	Negative	Negative	Negative
SULFIDE (mg/kg)	-	4.99	4.99	5
pH (pH units)	2-12.5	8.03	-	9.39

Notes:

ND = Not Detected.

RCRA = Resource Conservation and Recovery Act.

QUALIFIERSD⁺ = Results for a diluted sample, # indicates the dilution factor.

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

J = Result is an estimated value below the reporting limit

or a tentatively identified compound (TIC).

TABLE 3D
INVESTIGATION DERIVED WASTE DRUMS
WASTE CHARACTERIZATION SAMPLE RESULTS
FINAL ENGINEERING REPORT
ATLAS PARK - PARCEL B
GLENDAL, NY

Location ID Sample ID Sample Date Sample Time Unit	Federal Hazardous Waste Characteristics Regulatory Levels ug/L	Drum WC Drum Comp1-111606 11/16/2006 10:00 ug/L	Drum WC Drum Comp2-111606 11/16/2006 10:30 ug/L	Drum WC Drum Comp3-111606 11/16/2006 11:15 ug/L
TCLP VOCs	-	ND	ND	ND
TCLP SVOCs	-	ND	ND	ND
TCLP Pesticides	-	ND	ND	ND
TCLP Herbicides	-	ND	ND	ND
TCLP Metals	mg/L	mg/L	mg/L	mg/L
BARIUM	100	0.323	0.364	0.311
CADMIUM	1	0.0008	0.001	0.0008
CHROMIUM (TOTAL)	5	0.0122	0.0429	0.0034
LEAD	5	0.004	0.0038	0.0132
SELENIUM	1	<	<	0.0063
RCRA				
SOLIDS (percent)	-	68.2	31.8	91.1
IGNITABILITY	<140° F	Negative	Negative	Negative
CYANIDE (mg/kg)	-	2.5	4.56	2.49
REACTIVITY	-	Negative	Negative	Negative
SULFIDE (mg/kg)	-	23.4	99.7	17.5
pH (pH units)	2-12.5	7.16	6.4	6.54

Notes:

ND = Not Detected.

RCRA = Resource Conservation and Recovery Act.

QUALIFIERS

D* = Results for a diluted sample, # indicates the dilution factor.

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

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

TABLE 3D
INVESTIGATION DERIVED WASTE DRUMS
WASTE CHARACTERIZATION SAMPLE RESULTS
FINAL ENGINEERING REPORT
ATLAS PARK - PARCEL B
GLENDAL, NY

Location ID Sample ID Sample Date Sample Time Unit	Federal Hazardous Waste Characteristics Regulatory Levels ug/L	Drum WC Drum Comp4-111606 11/16/2006 11:30 ug/L	Drum WC Drum Comp5-111606 11/16/2006 11:30 ug/L	Drum WC Drum Comp6-111606 11/16/2006 11:30 ug/L
TCLP VOCs	-	ND	ND	ND
TCLP SVOCs	-	ND	ND	ND
TCLP Pesticides	-	ND	ND	ND
TCLP Herbicides	-	ND	ND	ND
TCLP Metals	mg/L	mg/L	mg/L	mg/L
BARIUM	100	0.342	0.308	0.361
CADMIUM	1	0.0006	0.001	0.0015
CHROMIUM (TOTAL)	5	0.0024	0.00197	0.0037
LEAD	5	<	0.0032	0.0035
SELENIUM	1	<	0.006	<
RCRA				
SOLIDS (percent)	-	92.6	72.9	90.3
IGNITABILITY	<140° F	Negative	Negative	Negative
CYANIDE (mg/kg)	-	2.48	2.48	2.49
REACTIVITY	-	Negative	Negative	Negative
SULFIDE (mg/kg)	-	12.9	4.96	4.97
pH (pH units)	2-12.5	8.59	9.46	9.63

Notes:

ND = Not Detected.

RCRA = Resource Conservation and Recovery Act.

QUALIFIERS

D# = Results for a diluted sample, # indicates the dilution factor.

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

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

**BUILDING 7 STOCKPILES
WASTE CHARACTERIZATION SAMPLE RESULTS
FINAL ENGINEERING REPORT
ATLAS PARK- PARCEL B
GLENDALE, NY**

Client ID	WC-Bldg7SP2-101306	WC-Bldg7SP-100506	WC-Bldg7-100406
Lab Sample ID	SA52622-01	SA52178-01	SA52108-01
Date Sampled	10/13/2006	10/5/2006	10/4/2006
Units	µg/kg	µg/kg	µg/kg
VOC			
Acetone	146	VOC6	<
Carbon tetrachloride	<	178	<
Chloroform	<	50.3	<
Methylene chloride	22.2	68.9	3.7
Toluene	4.7	55.9	6.1
Trichloroethene	<	52.1	<
SVOC			
Acenaphthene	137	J	313
Anthracene	416	J	794
Benzo (a) anthracene	1170		1100
Benzo (a) pyrene	994		940
Benzo (b) fluoranthene	885		774
Benzo (g,h,i) perylene	455	J	457
Benzo (k) fluoranthene	1010		874
Chrysene	1200		1030
Dibenzo (a,h) anthracene	122	J	57.8
Fluoranthene	2380		2770
Fluorene	156	J	400
Indeno (1,2,3-cd) pyrene	520	J	471
Phenanthrene	1710		2740
Pyrene	2610		1850
PCB			
PCB 1254	<	2.2	66.1
PCB 1260	<	2.54	93.2
METALS			
Arsenic	10.6	8.35	6.97
Cadmium	1.19	1.09	0.753
Chromium	24	22.3	17.2
Lead	395	514	177
Trivalent Chromium	24	22.3	17.2
Mercury	0.515	0.702	0.234
Total Organic Carbon	60300	41500	10100
TPH			
Total Petroleum Hydrocarbons	182	199	238
Unidentified	182	199	238

QUALIFIERS

U = Analyte was not detected at or above the reporting limit.
 J = Result is an estimated value below the reporting limit or a tentatively identified compound (TIC) detected.
 O-01 - Compound is common laboratory contaminant.

TABLE 3E
BUILDING 7 STOCKPILES
WASTE CHARACTERIZATION SAMPLE RESULTS
FINAL ENGINEERING REPORT
ATLAS PARK- PARCEL B
GLENDAL, NY

Client ID Lab Sample ID Date Sampled Units	Hazardous Waste Regulatory Levels for Toxicity Characteristic (ug/L)	WC-Bldg7SP2-101306 SA52622-01 10/13/2006 µg/L	WC-Bldg7SP-100506 SA52178-01 10/5/2006 µg/L	WC-Bldg7-100406 SA52108-01 10/4/2006 µg/L
TCLP VOC	-	ND	ND	ND
TCLP SVOC	-	ND	ND	ND
TCLP HERBICIDES	-	ND	ND	ND
TCLP PESTICIDES	-	ND	ND	ND
TCLP METALS		mg/l	mg/l	mg/l
Arsenic	5	< 0.004	UU	< 0.015 U
Barium	100	0.81		0.483
Cadmium	1	0.0162		0.0077
Chromium	5	0.012		0.0046 J
Lead	5	0.804		0.201
Selenium	1	0.0092	J	< 0.015 U
Silver	-	0.008	U	< 0.01 U
Mercury	0.2	< 0.0003	< 0.0004	< 0.0004 U
RCRA				
pH	-	9.9	HT-2	8.75
Reactive Cyanide	-	< 2.48	U	< 24.9 U
Reactive Sulfide	-	9.71	J	< 49.7 U
Reactivity	-	Negative	U	Negative U
Ignitability by Definition	-	Negative	U	Negative U
% Solids	-	81.8		88.9
Specific Conductance (EC)	-	248	318	245

NOTES:

ND = Not Detected.

QUALIFIERS

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

J = Result is an estimated value below the reporting

limit or a tentatively identified compound (TIC) detected.

TABLE 3F
AOC: BUILDING 7 PROCESS TANKS AND VAULTS
WASTE CHARACTERIZATION SAMPLE RESULTS
FINAL ENGINEERING REPORT
ATLAS PARK - PARCEL B
GLENDAL, NY

12/28/2006

Location ID Sample ID Sampling Date Units	Building 28 BLDG 28-020705 2/7/2005 ug/Kg	Building 28 BLDG#28-TANK2-030805 3/8/2005 ug/Kg
VOCs		
ACETONE	94	32
METHYLENE CHLORIDE	21	10
TOTAL VOCs		
SVOCs		
3+4-METHYLPHENOLS		
PHENANTHRENE	< 120 U	< 570 U
DI-N-BUTYLPHTHALATE	190	< 570 U
FLUORANTHENE	< 130 U	< 570 U
PYRENE	< 140 U	< 570 U
BENZO(A)ANTHRACENE	< 140 U	< 570 U
BIS(2-ETHYLHEXYL)PHTHALATE	800	1600
BENZO(B)FLUORANTHENE	< 290 U	< 570 U
TOTAL SVOC		
PCBs		
TOTAL PCBs	ND	NA
TOX		
TOTAL TOXs	NA	NA
Total GRO		
	< 0.071 U	NA
Metals		
	mg/Kg	mg/Kg
ALUMINUM	< 2180 U	NA
ANTIMONY	< 124 UN	NA
ARSENIC	< 133 U	NA
BARIUM	< 20 U	NA
BERYLLIUM	< 54.4 U	NA
CADMIUM	< 109 U	NA
CALCIUM	< 1260 U	NA
CHROMIUM	< 37 U	NA
COBALT	< 45.7 U	NA
COPPER	< 87.1 U	NA
IRON	< 1110 U	NA
LEAD	< 82.7 U	NA
MAGNESIUM	< 1000 U	NA
MANGANESE	< 69.7 U	NA
MERCURY	< 0.039 U	NA
NICKEL	< 47.9 U	NA
POTASSIUM	< 4350 U	NA
SELENIUM	< 174 U	NA
SILVER	< 34.8 U	NA
SODIUM	14300	NA
SULFUR	NA	NA
THALLIUM	< 216 U	NA
VANADIUM	< 39.2 U	NA
ZINC	< 414 U	NA

NOTES:

NA = Not Analyzed.
ND = Not Detected.

QUALIFIERS

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

TABLE 3F
AOC: BUILDING 7 PROCESS TANKS AND VAULTS
WASTE CHARACTERIZATION SAMPLE RESULTS
FINAL ENGINEERING REPORT
ATLAS PARK - PARCEL B
GLENDALF, NY

Location ID Sample ID Sample Date Units	NYSDEC/ Federal Hazardous Waste Characteristics ug/L	Building 28 BLDG 28-020705 2/7/2005 ug/L	Building 28 BLDG#28-TANK2-030805 3/8/2005 ug/L
TCLP VOCs	-	ND	NA
TCLP SVOCs	-	ND	NA
TCLP Pesticides	-	ND	NA
TCLP Herbicides	-	ND	NA
TCLP Metals			
ARSENIC	5000	< 19.5 U	NA
BARIUM	100000	106	NA
CADMIUM	1000	5.5 U	NA
CHROMIUM (TOTAL)	5000	< 6.5 U	NA
LEAD	5000	< 15 U	NA
SILVER	5000	< 5.5 U	NA
MERCURY	200	< 0.9 U	NA
RCRA Characteristics			
CORROS	-	No	NA
IGNITABILITY	-	Neg	NA
MOISTURE (%)	-	68.1	42.7
REACTIVE CYANIDE (ug/kg)	-	BRL	U
REACTIVE SULFIDE (mg/kg)	-	12	U
TEPH (ug/kg)	-	49000000	D ²⁰
Total Solids (%)	-	31.9	NA
			57.3

Notes:

ND = Not Detected.

NA = Not Analyzed.

RCRA = Resource Conservation and Recovery Act.

QUALIFIERS

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

Dⁿ = Dilution Factor

TABLE 3F
AOC: BUILDING 7 PROCESS TANKS AND VAULTS
WASTE CHARACTERIZATION SAMPLE RESULTS
FINAL ENGINEERING REPORT
ATLAS PARK - PARCEL B
GLENDAL, NY

Sample Type Sample ID Sample Date Sample Location	Liquid Samples		Solid Samples						
	V2-021405 Vault 2	T1-021405 Tank 1	BLDG 28- 20705 Vault 2	V2-021405 Vault 2	T2-021405 Tank 2	T3-021405 Tank 3	T4-021405 Tank 4	T5-021405 Tank 5	BLDG#28- 30805- Tank 2
PCBs (ug/L, ug/kg)									
Aroclor 1242	0.22J	0.57	ND	15 JM	100	ND	180	40 M	NA
Aroclor 1254	ND	0.21 J	ND	26 J	56	ND	ND	ND	NA
Aroclor 1260	ND	ND	ND	ND	12 J	22 J	ND	ND	NA
TCL VOCs									
TCL SVOCs (ug/L, ug/kg)									
Di-n-butylphthalate	ND	ND	190 J	NA	NA	NA	NA	NA	ND
bis(2-Ethylhexyl)phthalate	ND	5 JH	800 J	NA	NA	NA	NA	NA	1600
Benzolanthracene	ND	0.9 JH	ND	NA	NA	NA	NA	NA	ND
Chrysene	ND	1 JH	ND	NA	NA	NA	NA	NA	ND
TAL Metals (ug/L, mg/kg)									
Arsenic	344	ND	ND	5.8B	ND	NA	ND	NA	NA
Barium	1,400	29.6	ND	205	6.5	NA	28.6	NA	NA
Cadmium	ND	10.6 B	ND	ND	ND	NA	ND	NA	NA
Chromium	ND	ND	ND	57.7	2.2B	NA	3.5B	NA	NA
Copper	ND	ND	ND	149	11.8	NA	58.3	NA	NA
Lead	52.8	ND	ND	281	36	NA	13.6B	NA	NA
Mercury	ND	0.1 B	ND	0.11B	ND	NA	0.029B	NA	NA
Nickel	39.7 B	13.2 B	ND	75.8	4.1B	NA	37.5	NA	NA
Selenium	721	69.3	ND	ND	ND	NA	ND	NA	NA
Sodium	630,000	828,000	14,300	70,300	30,100	NA	67,500	NA	NA
Vanadium	727	133	ND	6.5B	0.76B	NA	6.1B	NA	NA
DRO (mg/L, mg/kg)	1,000	46,000	49,000	NA	NA	NA	NA	NA	NA
GRO (mg/L, mg/kg)	NA	ND	ND	NA	NA	NA	NA	NA	NA
ICRA - I/R/C ⁽⁴⁾	neg / ND	neg / ND	neg / ND	neg / ND	neg / ND	neg / ND	neg / ND	neg / ND	NA
ICRA - TCLP									
SVOCs, Pesticides, Herbs									
Metals (mg/L)	NA	NA	ND	ND	ND	ND	ND	ND	NA
Arsenic	NA	NA	ND	ND	ND	ND	0.0202 B	ND	NA
Barium	NA	NA	0.106	0.235	0.111	0.21	0.0578	0.0541	NA
Lead	NA	NA	ND	ND	0.109	ND	ND	ND	NA
Selenium	NA	NA	0.0388 B	0.0255 B	ND	ND	0.0316 B	ND	NA
VOCs (mg/L)									
Tetrachloroethene	NA	NA	ND	ND	ND	ND	ND	0.0013 J	NA
Total Organic Halogens (TOX) (m	NA	NA	ND	ND	ND	ND	97.5	ND	NA
Percent Sulfur	NA	NA	NA	0.014	0.026	0.012	0.3	0.026	NA
Petroleum Fingerprint	Motor Oil	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

Qualifiers: J = Estimated concentration, M = Manually integrated compound, B = Detected level above the IDL but below the CRDL.

4) I/R/C = Ignitability/Reactivity/Corrosivity

6) NA = Not analyzed, ND = Not detected

TABLE 3G
AOC: HEATING OIL USTs
WASTE CHARACTERIZATION SAMPLE RESULTS
FINAL ENGINEERING REPORT
ATLAS PARK - PARCEL B
GLENDALE, NY

12/28/2006

Location ID Sample ID Sample Date Unit	UST REMOVAL UST-Concrete-072805 (1) 7/28/2005 ug/Kg			UST REMOVAL UST-Concrete-072805 (2) 7/28/2005 ug/Kg			UST REMOVAL UST-Concrete-072805 (3) 7/28/2005 ug/Kg			UST REMOVAL UST-Concrete-072805 7/28/2005 ug/Kg		
BTEX												
BENZENE	NA			NA			NA			< 5.6 D50		
ETHYLBENZENE	NA			NA			NA			< 6.1 D50		
METHYLBENZENE	NA			NA			NA			26 JD ⁵⁰		
O-XYLENE	NA			NA			NA			< 9.2 D ⁵⁰		
XYLENE (TOTAL)	NA			NA			NA			51.9 JD ⁵⁰		
PCB												
AROCOR - 1248 (PCB-1248)	NA			NA			NA			< 3.91 U		
AROCOR - 1254 (PCB-1254)										537		
Total PCBs	NA			NA			NA			537		
TPH												
MOTOR OIL	<	70.3	UD ⁵	<	72.2	UD ⁵	<	70.6	UD ⁵	NA		
PHC AS #2 FUEL OIL	<	70.3	UD ⁵	<	72.2	UD ⁵	<	70.6	UD ⁵	NA		
PHC AS #4 FUEL OIL	<	70.3	UD ⁵	<	72.2	UD ⁵	<	70.6	UD ⁵	NA		
PHC AS #6 FUEL OIL	<	176	UD ⁵	<	181	UD ⁵	<	176	UD ⁵	NA		
PHC AS AVIATION GAS	<	176	UD ⁵	<	181	UD ⁵	<	176	UD ⁵	NA		
PHC AS DIESEL FUEL	<	70.3	UD ⁵	<	72.2	UD ⁵	<	70.6	UD ⁵	NA		
UNIDENTIFIED		36500	D ⁵		84700	D ⁵		82200	D ⁵	NA		
Total DRO		36500	D ⁵		84700	D ⁵		82200	D ⁵	NA		
METALS												
	mg/Kg			mg/Kg			mg/Kg			mg/Kg		
ALUMINUM	NA			NA			NA			6980		
ARSENIC	NA			NA			NA			3.83		
BARIUM	NA			NA			NA			57.5		
BERYLLIUM	NA			NA			NA			0.397		
CADMIUM	NA			NA			NA			0.246	J	
CALCIUM	NA			NA			NA			7250		
CHROMIUM (TOTAL)	NA			NA			NA			12.8		
COBALT	NA			NA			NA			4.83		
COPPER	NA			NA			NA			29		
IRON	NA			NA			NA			12200		
LEAD	NA			NA			NA			54.9		
MAGNESIUM	NA			NA			NA			2530		
MANGANESE	NA			NA			NA			212		
NICKEL	NA			NA			NA			12.2		
POTASSIUM	NA			NA			NA			545		
SODIUM	NA			NA			NA			221	J	
VANADIUM	NA			NA			NA			25.5		
ZINC	NA			NA			NA			114		
MERCURY	NA			NA			NA			0.809		
TOTAL ORGANIC HALIDES (TOX)												
	BRL			BRL			BRL			NA		
Total Solids (%)	95.5			92.4			98.5			NA		

NOTES:

NA = Not Analyzed.

QUALIFIERS

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

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

D⁵ = Dilution factor

TABLE 3G
AOC: HEATING OIL USTs
WASTE CHARACTERIZATION - SAMPLE RESULTS
FINAL ENGINEERING REPORT
ATLAS PARK - PARCEL B
GLENDALE, NY

Location ID Sample ID Sample Date Unit	Hazardous Waste Regulatory Levels for Toxicity Characteristic	UST REMOVAL UST-Concrete-072805 7/28/2005 ug/kg
TCLP METALS		
	mg/l	mg/l
ALUMINUM	-	0.256 J
ANTIMONY	-	< 0.0013 U
BARIUM	100	0.24 J
BERYLLIUM	-	< 0.00005 U
CADMIUM	1	0.0002 J
CALCIUM	-	190
CHROMIUM (TOTAL)	5	0.0016 J
COBALT	-	0.008
COPPER	-	0.007
IRON	-	0.106
LEAD	5	0.0097
MAGNESIUM	-	5.93
MANGANESE	-	1.98
NICKEL	-	0.0074
POTASSIUM	-	4.68
THALLIUM	-	< 0.0013 U
VANADIUM	-	0.0021 J
ZINC	-	0.423
MERCURY	0.2	< 0.0003 U
RCRA		
CYANIDE	-	< 2.48
REACTIVITY	-	Negative
SULFIDE	-	< 4.95
IGNITABILITY	-	Negative
pH	-	7.42
Total Solids (%)	-	98.9

NOTES:

RCRA = Resource Conservation and Recovery Act.

QUALIFIERS

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

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

TABLE 3H
AOC: BUILDING 8 SOUTHWEST VAULT
WASTE CHARACTERIZATION SAMPLE RESULTS
FINAL ENGINEERING REPORT
ATLAS PARK - PARCEL B
GLENDALE, NY

12/28/2006

Location ID Sample ID Sampling Date Units	SWVAULT SWVAULT-1A 09/28/05 ug/Kg	SWVAULT SWVAULT-1B 09/28/05 ug/Kg	SWVAULT SWVAULT-1C 09/28/05 ug/Kg
VOCs			
ACETONE	NA	3100 J	3700 J
METHYLENE CHLORIDE	NA	< 100 U	< 110 U
TOTAL VOCs	NA	3100	3700
SVOCs			
3+4-METHYLPHENOLS	290 UD ²	NA	NA
PHENANTHRENE	290 UD ²	NA	NA
DI-N-BUTYLPHTHALATE	280 UD ²	NA	NA
FLUORANTHENE	270 UD ²	NA	NA
PYRENE	320 UD ²	NA	NA
BENZO(A)ANTHRACENE	250 UD ²	NA	NA
BIS(2-ETHYLHEXYL)PHTHALATE	350 UD ²	NA	NA
BENZO(B)FLUORANTHENE	200 UD ²	NA	NA
TOTAL SVOC	ND	NA	NA
PCBs			
TOTAL PCBs	ND	NA	NA
TOX			
TOTAL TOXs	ND	NA	NA
Total GRO	NA	NA	NA
Metals			
	mg/Kg	mg/Kg	mg/Kg
ALUMINUM	7530	NA	NA
ANTIMONY	0.452	NA	NA
ARSENIC	3.550	NA	NA
BARIUM	140	NA	NA
BERYLLIUM	0.415	NA	NA
CADMIUM	0.046	NA	NA
CALCIUM	8720	NA	NA
CHROMIUM	15.7	NA	NA
COBALT	5.580	NA	NA
COPPER	33.1	NA	NA
IRON	14200	NA	NA
LEAD	109	NA	NA
MAGNESIUM	2530	NA	NA
MANGANESE	288	NA	NA
MERCURY	0.212	NA	NA
NICKEL	9.410	NA	NA
POTASSIUM	1140	NA	NA
SELENIUM	0.470	NA	NA
SILVER	2.030	NA	NA
SODIUM	10800	NA	NA
SULFUR	< 6.90 U	NA	NA
THALLIUM	0.727	NA	NA
VANADIUM	21.0	NA	NA
ZINC	153	NA	NA

NOTES:

NA = Not Analyzed.
ND = Not Detected.

QUALIFIERS

U = Analyte was not detected at or above the reporting limit.
D² = Dilution Factor
J = Result is an estimated value below the reporting limit or a tentatively identified compound (TIC) detected.

TABLE 3H
AOC: BUILDING 8 SOUTHWEST VAULT
WASTE CHARACTERIZATION SAMPLE RESULTS
FINAL ENGINEERING REPORT
ATLAS PARK - PARCEL B
GLENDAL, NY

12/28/2006

Location ID Sample ID Sampling Date Units	SWVAULT SWVAULT-1D 09/28/05 ug/Kg	SWVAULT SWVAULT-2A 09/28/05 ug/Kg	SWVAULT SWVAULT-2B 09/28/05 ug/Kg
VOCs			
ACETONE	3200 J	NA	< 21000 UD ⁵⁰
METHYLENE CHLORIDE	< 97 U	NA	< 3900 UD ⁵⁰
TOTAL VOCs	3200	NA	ND
SVOCs			
3+4-METHYLPHENOLS	NA	88 J	NA
PHENANTHRENE	NA	64 J	NA
DI-N-BUTYLPHTHALATE	NA	50 U	NA
FLUORANTHENE	NA	140 J	NA
PYRENE	NA	90 J	NA
BENZO(A)ANTHRACENE	NA	51 J	NA
BIS(2-ETHYLHEXYL)PHTHALATE	NA	63 U	NA
BENZO(B)FLUORANTHENE	NA	41 J	NA
TOTAL SVOC	NA	474	NA
PCBs			
TOTAL PCBs	NA	ND	NA
TOX			
TOTAL TOXs	NA	ND	NA
Total GRO	NA	NA	NA
Metals			
	mg/Kg	mg/Kg	mg/Kg
ALUMINUM	NA	2550	NA
ANTIMONY	NA	0.328	NA
ARSENIC	NA	0.986	NA
BARIUM	NA	265	NA
BERYLLIUM	NA	0.146	NA
CADMIUM	NA	0.067	NA
CALCIUM	NA	5600	NA
CHROMIUM	NA	6.790	NA
COBALT	NA	2.410	NA
COPPER	NA	19.5	NA
IRON	NA	8380	NA
LEAD	NA	134	NA
MAGNESIUM	NA	889	NA
MANGANESE	NA	103	NA
MERCURY	NA	0.063	NA
NICKEL	NA	3.020	NA
POTASSIUM	NA	1040	NA
SELENIUM	NA	0.341	NA
SILVER	NA	1.440	NA
SODIUM	NA	41700	NA
SULFUR	NA	200.0	NA
THALLIUM	NA	0.527	NA
VANADIUM	NA	6.240	NA
ZINC	NA	150	NA

NOTES:

NA = Not Analyzed.
ND = Not Detected.

QUALIFIERS

U = Analyte was not detected at or above the reporting limit.
D^f = Dilution Factor
J = Result is an estimated value below the reporting limit or a tentatively identified compound (TIC) detected.

TABLE 3H
AOC: BUILDING 8 SOUTHWEST VAULT
WASTE CHARACTERIZATION SAMPLE RESULTS
FINAL ENGINEERING REPORT
ATLAS PARK - PARCEL B
GLENDALE, NY

12/28/2006

Location ID Sample ID Sampling Date Units	SWVAULT SWVAULT-2C 09/28/05 ug/Kg	SWVAULT SWVAULT-2D 09/28/05 ug/Kg
VOCs		
ACETONE	< 21000 UD ⁵⁰	< 21000 UD ⁵⁰
METHYLENE CHLORIDE	< 3900 UD ⁵⁰	< 3900 UD ⁵⁰
TOTAL VOCs	ND	ND
SVOCs		
3+4-METHYLPHENOLS	NA	NA
PHENANTHRENE	NA	NA
DI-N-BUTYLPHTHALATE	NA	NA
FLUORANTHENE	NA	NA
PYRENE	NA	NA
BENZO(A)ANTHRACENE	NA	NA
BIS(2-ETHYLHEXYL)PHTHALATE	NA	NA
BENZO(B)FLUORANTHENE	NA	NA
TOTAL SVOC	NA	NA
PCBs		
TOTAL PCBs	NA	NA
TOX		
TOTAL TOXs	NA	NA
Total GRO	NA	NA
Metals		
	mg/Kg	mg/Kg
ALUMINUM	NA	NA
ANTIMONY	NA	NA
ARSENIC	NA	NA
BARIUM	NA	NA
BERYLLIUM	NA	NA
CADMIUM	NA	NA
CALCIUM	NA	NA
CHROMIUM	NA	NA
COBALT	NA	NA
COPPER	NA	NA
IRON	NA	NA
LEAD	NA	NA
MAGNESIUM	NA	NA
MANGANESE	NA	NA
MERCURY	NA	NA
NICKEL	NA	NA
POTASSIUM	NA	NA
SELENIUM	NA	NA
SILVER	NA	NA
SODIUM	NA	NA
SULFUR	NA	NA
THALLIUM	NA	NA
VANADIUM	NA	NA
ZINC	NA	NA

NOTES:

NA = Not Analyzed.
ND = Not Detected.

QUALIFIERS

U = Analyte was not detected at or above the reporting limit.
D⁵ = Dilution Factor
J = Result is an estimated value below the reporting limit or a tentatively identified compound

TABLE 3H
AOC: BUILDING 8 SOUTH WEST VAULT
WASTE CHARACTERIZATION SAMPLE RESULTS
FINAL ENGINEERING REPORT
ATLAS PARK - PARCEL B
GLENDAL, NY

Location ID Sample ID Sample Date Units	Federal Hazardous Waste Characteristics ug/L	SWVAULT SWVAULT-1A 9/28/2005 ug/L	SWVAULT SWVAULT-1B 9/28/2005 ug/L	SWVAULT SWVAULT-1C 9/28/2005 ug/L	SWVAULT SWVAULT-1D 9/28/2005 ug/L
TCLP VOCs	-	ND	ND	ND	ND
TCLP SVOCs	-	ND	NA	NA	NA
TCLP Pesticides	-	ND	NA	NA	NA
TCLP Herbicides	-	ND	NA	NA	NA
TCLP Metals					
ARSENIC	5000	< 100	NA	NA	NA
BARIUM	100000	127	NA	NA	NA
CADMIUM	1000	12.9	NA	NA	NA
CHROMIUM (TOTAL)	5000	35.1	NA	NA	NA
LEAD	5000	85.3	NA	NA	NA
SILVER	5000	44.8	NA	NA	NA
MERCURY	200	< 2	NA	NA	NA
RCRA Characteristics					
CORROS	-	NA	NA	NA	NA
IGNITABILITY	-	NA	NA	NA	NA
MOISTURE (%)	-	NA	NA	NA	NA
REACTIVE CYANIDE (ug/kg)	-	NA	NA	NA	NA
REACTIVE SULFIDE (mg/kg)	-	NA	NA	NA	NA
TEPH (ug/kg)	-	NA	NA	NA	NA
Total Solids (%)	-	NA	NA	NA	NA

Notes:

ND = Not Detected.

NA = Not Analyzed.

RCRA = Resource Conservation and Recovery Act.

QUALIFIERS

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

TABLE 3H
AOC: BUILDING 8 SOUTH WEST VAULT
WASTE CHARACTERIZATION SAMPLE RESULTS
FINAL ENGINEERING REPORT
ATLAS PARK - PARCEL B
GLENDALE, NY

Location ID Sample ID Sample Date Units	Federal Hazardous Waste Characteristics ug/L	SWVAULT SWVAULT-2A 9/28/2005 ug/L	SWVAULT SWVAULT-2B 9/28/2005 ug/L	SWVAULT SWVAULT-2C 9/28/2005 ug/L	SWVAULT SWVAULT-2D 9/28/2005 ug/L
TCLP VOCs	-	ND	ND	ND	ND
TCLP SVOCs	-	ND	NA	NA	NA
TCLP Pesticides	-	ND	NA	NA	NA
TCLP Herbicides	-	ND	NA	NA	NA
TCLP Metals					
ARSENIC	5000	< 100	NA	NA	NA
BARIUM	100000	1410	NA	NA	NA
CADMIUM	1000	8.8	NA	NA	NA
CHROMIUM (TOTAL)	5000	29.3	NA	NA	NA
LEAD	5000	370	NA	NA	NA
SILVER	5000	30.5	NA	NA	NA
MERCURY	200	0.56	NA	NA	NA
RCRA Characteristics					
CORROL	-	NA	NA	NA	NA
IGNITABILITY	-	NA	NA	NA	NA
MOISTURE (%)	-	NA	NA	NA	NA
REACTIVECYANIDE (ug/kg)	-	NA	NA	NA	NA
REACTIVESULFIDE (mg/kg)	-	NA	NA	NA	NA
TEPH (ug/kg)	-	NA	NA	NA	NA
Total Solids (%)	-	NA	NA	NA	NA

Notes:

ND = Not Detected.

NA = Not Analyzed.

RCRA = Resource Conservation and Recovery Act.

QUALIFIERS

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

Table 3I
BUILDING 8 STOCKPILES
WASTE CHARACTERIZATION SAMPLE RESULTS
FINAL ENGINEERING REPORT
ATLAS PARK- PARCEL B
GLENDALE, NY

12/28/2006

Location ID Sample ID Sample Date Unit	STOCKPILE 8 B8SPS-111505 11/05/05 ug/Kg	STOCKPILE 8 B8SP1-031706 03/17/06 ug/Kg	STOCKPILE 8 SP-BLDG8-120705(1) 12/07/05 ug/Kg
TCL VOCs			
1,1,1-TRICHLOROETHANE	NA	0.9	< 5.4 U
1,2,4-TRIMETHYLBENZENE	NA	6.9	NA
1,3,5-TRIMETHYLBENZENE	NA	2.8	NA
2-BUTANONE (METHYL ETHYL KETONE)	NA	10.2	< 27 U
2-PHENYLBUTANE	NA	0.7	NA
ACETONE	NA	82.3	3.9 JB
BENZENE	NA	3.5	< 5.4 U
CARBON DISULFIDE	NA	1.5	< 5.4 U
CFC-11	NA	6.2	< 5.4 U
DICHLOROMETHANE	NA	17.6	< 5.4 U
ETHYLBENZENE	NA	1.2	< 5.4 U
METHYLBENZENE	NA	5.5	< 5.4 U
NAPHTHALENE	NA	44.6	NA
O-XYLENE	NA	1.6	< 5.4 U
TETRACHLOROETHENE	NA	0.7	< 5.4 U
TRICHLOROETHYLENE	NA	1.2	< 5.4 U
XYLENE (TOTAL)	NA	2.2	NA
SVOC			
ACENAPHTHYLENE	NA	NA	NA
ANTHRACENE	NA	NA	NA
BENZO(A)ANTHRACENE	NA	NA	NA
BENZO(A)PYRENE	NA	NA	NA
BENZO(B)FLUORANTHENE	NA	NA	NA
BENZO(G,H,I)PERYLENE	NA	NA	NA
BENZO(K)FLUORANTHENE	NA	NA	NA
BIS(2-ETHYLHEXYL)PHTHALATE	NA	NA	NA
CARBAZOLE	NA	NA	NA
CHRYSENE	NA	NA	NA
DIBENZOFURAN	NA	NA	NA
FLUORANTHENE	NA	NA	NA
FLUORENE	NA	NA	NA
INDENO(1,2,3-CD)PYRENE	NA	NA	NA
NAPHTHALENE	NA	NA	NA
PHENANTHRENE	NA	NA	NA
PYRENE	NA	NA	NA
PCBs			
AROCLOR - 1254 (PCB-1254)	NA	130	NA
AROCLOR - 1260 (PCB-1260)	NA	28.7	NA
METALS			
	mg/Kg	mg/Kg	mg/Kg
ARSENIC	NA	4.76	NA
BARIUM	NA	50.1	NA
CADMIUM	NA	0.0265	NA
CHROMIUM (TOTAL)	NA	13	NA
LEAD	NA	57.2	NA
SILVER	NA	1.98	NA
REACTIVITY	NA	Negative	NA
SULFIDE	NA	8.81	NA
MERCURY	NA	0.243	NA
TOTAL ORGANIC CARBON	NA	7350	NA
DRO (ug/Kg)	15200	NA	NA
PAINT FILTER	< 1 U	NA	NA
MISC.			
SULFUR	NA	NA	NA
CYANIDE	NA	NA	NA
SULFIDE	NA	NA	NA
TOTAL ORGANIC HALIDES (TOX)	NA	NA	NA
IGNITABILITY (degrees F)	NA	NA	NA
pH	NA	9.68	NA
SOLIDS (%)	NA	90.8	NA
SPECIFIC CONDUCTANCE (us/cm)	NA	426	NA

NOTES:

NA = Not Analyzed.

QUALIFIERS

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

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

E= Serial dilution exceeds the control limits.

D* = Dilution factor

Table 3I
BUILDING 8 STOCKPILES
WASTE CHARACTERIZATION SAMPLE RESULTS
FINAL ENGINEERING REPORT
ATLAS PARK- PARCEL B
GLENDALE, NY

12/28/2006

Location ID Sample ID Sample Date Unit	STOCKPILE 8 SP-BLDG8-120705(2) 12/07/05 ug/Kg			STOCKPILE 8 SP-BLDG8-120705(3) 12/07/05 ug/Kg			STOCKPILE 8 SP-BLDG8-120705(4) 12/07/05 ug/Kg		
TCL VOCs									
1,1,1-TRICHLOROETHANE	<	5.3	U	<	27	U		NA	
1,2,4-TRIMETHYLBENZENE		NA			NA			NA	
1,3,5-TRIMETHYLBENZENE		NA			NA			NA	
2-BUTANONE (METHYL ETHYL KETONE)		3.9	JB		27	JB		NA	
2-PHENYLBUTANE		NA			NA			NA	
ACETONE		8.6	JB		440	B		NA	
BENZENE	<	5.3	U	<	27	U		NA	
CARBON DISULFIDE	<	5.3	U	<	27	U		NA	
CFC-11	<	5.3	U	<	27	U		NA	
DICHLOROMETHANE	<	5.3	U	<	27	U		NA	
ETHYLBENZENE	<	5.3	U	<	27	U		NA	
METHYLBENZENE	<	5.3	U	<	27	U		NA	
NAPHTHALENE		NA			NA			NA	
O-XYLENE	<	5.3	U	<	27	U		NA	
TETRACHLOROETHENE	<	5.3	U	<	27	U		NA	
TRICHLOROETHYLENE	<	5.3	U	<	27	U		NA	
XYLENE (TOTAL)		NA			NA			NA	
SVOC									
ACENAPHTHYLENE		NA			NA		540	JD ⁵	
ANTHRACENE		NA			NA		1400	JD ⁵	
BENZO(A)ANTHRACENE		NA			NA		4300	ED ⁵	
BENZO(A)PYRENE		NA			NA		3800	ED ⁵	
BENZO(B)FLUORANTHENE		NA			NA		5000	ED ⁵	
BENZO(G,H,I)PERYLENE		NA			NA		1600	JD ⁵	
BENZO(K)FLUORANTHENE		NA			NA		2000	D ⁵	
BIS(2-ETHYLHEXYL)PHTHALATE		NA			NA		330	J	
CARBAZOLE		NA			NA		720	JD ⁵	
CHRYSENE		NA			NA		4200	ED ⁵	
DIBENZOFURAN		NA			NA		61	J	
FLUORANTHENE		NA			NA		6600	ED ⁵	
FLUORENE		NA			NA		70	J	
INDENO(1,2,3-CD)PYRENE		NA			NA		1600	JD ⁵	
NAPHTHALENE		NA			NA		110	J	
PHENANTHRENE		NA			NA		3000	D ⁵	
PYRENE		NA			NA		6700	D ⁵ E	
PCBs									
AROCLOR - 1254 (PCB-1254)		NA			NA		< 18	U	
AROCLOR - 1260 (PCB-1260)		NA			NA		< 18	U	
METALS									
		mg/Kg			mg/Kg			mg/Kg	
ARSENIC		NA			NA			NA	
BARIUM		NA			NA			NA	
CADMIUM		NA			NA			NA	
CHROMIUM (TOTAL)		NA			NA			NA	
LEAD		NA			NA			NA	
SILVER		NA			NA			NA	
REACTIVITY		NA			NA			NA	
SULFIDE		NA			NA			NA	
MERCURY		NA			NA			NA	
TOTAL ORGANIC CARBON		NA			NA			NA	
DRO (ug/Kg)									
PAINT FILTER		NA			NA			NA	
MISC.									
SULFUR		NA			NA		< 5.3	UD ⁵	
CYANIDE		NA			NA		< 10	U	
SULFIDE		NA			NA		< 40	U	
TOTAL ORGANIC HALIDES (TOX)		NA			NA		< 5.63	U	
IGNITABILITY (degrees F)		NA			NA		NO		
pH		NA			NA		7.2		
SOLIDS (%)		NA			NA		NA		
SPECIFIC CONDUCTANCE (us/cm)		NA			NA		NA		

NOTES:

NA = Not Analyzed.

QUALIFIERS

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

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

E = Serial dilution exceeds the control limits.

D⁵ = Dilution factor

Table 31
BUILDING 8 STOCKPILES
WASTE CHARACTERIZATION SAMPLE RESULTS
FINAL ENGINEERING REPORT
ATLAS PARK- PARCEL B
GLENDAL, NY

Location ID Sample ID Date Unit	Hazardous Waste Regulatory Levels for Toxicity Characteristic	STOCKPILE 8 B8SP1-031706 ug/L	STOCKPILE 8 SP-BLDG8-120705(1) ug/L	STOCKPILE 8 SP-BLDG8-120705(2) ug/L	STOCKPILE 8 SP-BLDG8-120705(3) ug/L	STOCKPILE 8 SP-BLDG8-120705(4) ug/L
TCLP VOC	-	NA	ND	ND	ND	ND
TCLP SVOCs						
2-METHYLNAPHTHALENE	-	4.24	NA	NA	NA	ND
TCLP METALS						
BARIUM	100000	232	NA	NA	NA	554
CADMIUM	1000	1	NA	NA	NA	3.27 U
CHROMIUM (TOTAL)	5000	9.8	NA	NA	NA	3.43 U
LEAD	5000	52.2	NA	NA	NA	44.5
SELENIUM	1000	< 6	NA	NA	NA	49.1 J
MERCURY	200	< 0.3	NA	NA	NA	0.33 UN
TCLP PESTICIDES		ND	NA	NA	NA	ND
TCLP MISC.		ND	NA	NA	NA	ND

NOTES:

RCRA = Resource Conservation and Recovery Act.

NA = Not Analyzed.

ND = Not Detected.

QUALIFIERS

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

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

D* = Dilution factor

N = Spike recovery exceeds the upper or lower control limits.

TABLE 3I
BUILDING 8 STOCKPILES
WASTE CHARACTERIZATION SAMPLE RESULTS
FINAL ENGINEERING REPORT
ATLAS PARK - PARCEL B
GLENDALE, NY

12/28/2006

Location ID Sample ID Sample Date Unit	WC B8SCW-031706 3/17/2006 ug/kg			WC B8SCE-031706 3/17/2006 ug/kg	
VOC					
1,2,4-TRIMETHYLBENZENE	<	7.7	UD ⁵⁰	1.9	J
1,3,5-TRIMETHYLBENZENE	<	7.7	UD ⁵⁰	1.4	J
2-BUTANONE (METHYL ETHYL KETONE)		233	JD ⁵⁰	<	3.6 U
ACETONE	<	561	UD ⁵⁰	62.7	VOC6, J
BENZENE	<	7	UD ⁵⁰	0.8	J
CARBON DISULFIDE	<	5.8	UD ⁵⁰	1.2	J
CFC-11		242		2.7	J
CFC-12	<	8.3	UD ⁵⁰	9.7	J
DICHLOROMETHANE	<	30.7	UD ⁵⁰	17	O-01, J
METHYLBENZENE	<	10.2	UD ⁵⁰	1.2	J
NAPHTHALENE	<	11.5	UD ⁵⁰	7.3	
O-XYLENE	<	11.5	UD ⁵⁰	1	J
TETRACHLOROETHENE	<	3.8	UD ⁵⁰	0.9	J
XYLENE (TOTAL)	<	14.7	UD ⁵⁰	1.2	J
SVOC					
ACENAPTHENE		96	JD ⁵	244	JD ⁵
ANENAPHTHYLENE	<	BRL	U	84.1	JD ⁵
ANTHRACENE		316	D ⁵	519	D ⁵
ATRAZINE		0	D ⁵	0	D ⁵
BENZO(A)ANTHRACENE		538	D ⁵	1190	D ⁵
BENZO(A)PYRENE		651	D ⁵	1270	D ⁵
BENZO(B)FLUORANTHENE		721	D ⁵	1500	D ⁵
BENZO(G,H,I)PERYLENE		213	JD ⁵	447	D ⁵
BENZO(K)FLUORANTHENE		425	D ⁵	1150	D ⁵
BIS(2-ETHYKHEXYL PTHALTE)	<	BRL	U	507	D ⁵
CARBOZOLE		527	D ⁵	739	D ⁵
CHRYSENE		719	D ⁵	1430	D ⁵
DIBENZ(A,H)ANTHRACENE		66.2	JD ⁵	80.1	JD ⁵
DIBRNZOFURON	<	BRL	U	136	JD ⁵
FLUORANTHENE		1160	D ⁵	2470	D ⁵
FLUORENE		98.2	JD ⁵	168	JD ⁵
INDENO(1,2,3-CD)PYRENE		233	D ⁵	507	D ⁵
1-METHYLNAPHTHALENE	<	BRL	U	124	JD ⁵
2-METHYLNAPHTHALENE	<	BRL	U	122	JD ⁵
PHENANTHRENE		651	D ⁵	1320	D ⁵
PYRENE		1320	D ⁵	2860	D ⁵
PCB					
AROCLOR - 1254 (PCB-1254)		145		<	1.36 U
AROCLOR - 1260 (PCB-1260)		44.6			176
METALS					
		mg/kg			mg/kg
ARSENIC		8.49			3.99
BARIUM		49.2	J		87.5
CADMIUM		0.272		<	0.027 U
CHROMIUM (TOTAL)		10.8			15.4
LEAD		71.5			49.7
SILVER		1.6			2.04
REACTIVITY		Negative			Negative
SULFIDE		18.3			8.82
MERCURY		0.281			0.23
TOTAL ORGANIC CARBON		30600			30500

TABLE 3I
BUILDING 8 STOCKPILES
WASTE CHARACTERIZATION SAMPLE RESULTS
FINAL ENGINEERING REPORT
ATLAS PARK - PARCEL B
GLENDAL, NY

12/28/2006

Location ID	WC		WC		
Sample ID	B8SCW-031706		B8SCE-031706		
Sample Date	3/17/2006		3/17/2006		
Unit	ug/kg		ug/kg		
	us/cm		us/cm		
SPECIFIC CONDUCTANCE	603		337		
IGNITABILITY	Negative		Negative		
pH	8.24		9.65		
SOLIDS (%)	87.5		90.4		
TPH					
GASOLINE	<	148	UD ⁵	144	UD ⁵
FUEL OIL #2	<	148	UD ⁵	144	UD ⁵
FUEL OIL #4	<	148	UD ⁵	144	UD ⁵
FUEL OIL #6	<	148	UD ⁵	144	UD ⁵
TEPH		235	D ⁵	759	D ⁵
UNIDENTIFIED		235	D ⁵	759	D ⁵
ALIPHATIC HYDRCARBONS		235	D ⁵	759	D ⁵

QUALIFIERS

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

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

O-01 - Compound is common laboratory contaminant.

VOC6 - Laboratory contaminant generated due to Sodium Bisulfate.

D⁵ = Dilution factor

TABLE 3I
BUILDING 8 STOCKPILES
WASTE CHARACTERIZATION SAMPLE RESULTS
FINAL ENGINEERING REPORT
ATLAS PARK - PARCEL B
GLENDAL, NY

Location ID Sample ID Sample Date Unit	Hazardous Waste Regulatory Levels for Toxicity Characteristic (ug/L)	WC B8SCW-031706 3/17/2006 ug/L	WC B8SCE-031706 3/17/2006 ug/L
TCLP VOC			
METHYLENE CHLORIDE	-	7	7.2
		O-01, JD ⁵⁰	O-01, JD ⁵
TCLP SVOC			
	-	ND	ND
TCLP METALS			
	mg/L	mg/L	mg/L
ARSENIC	5	0.0054	0.004
BARIUM	100	0.43	0.354
CADMIUM	1	0.0031	0.0014
CHROMIUM (TOTAL)	5	0.0042	0.0238
LEAD	5	0.0486	0.0259
SELENIUM	1	< 0.006	0.0067
		U	J
TCLP PESTICIDES & HERBICIDES			
		ND	ND

NOTES:

RCRA = Resource Conservation and Recovery Act.

NA = Not Analyzed.

ND = Not Detected.

QUALIFIERS

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

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

D* = Dilution factor

O-01 - Compound is common laboratory contaminant.

TABLE 31
BUILDING 8 STOCKPILES
WASTE CHARACTERIZATION SAMPLE RESULTS
FINAL ENGINEERING REPORT
ATLAS PARK - PARCEL B
GLENDAL, NY

12/28/2006

Location ID Sample ID Sample Date Unit	UST REMOVAL SP-2K-032105(1) 3/21/2005 ug/Kg	UST REMOVAL SP-2K-032105(2) 3/21/2005 ug/Kg	UST REMOVAL SP-2K-032105(3) 3/21/2005 ug/Kg	UST REMOVAL SP-2K-032105(4) 3/21/2005 ug/Kg
BTEX				
BENZENE	NA	NA	NA	< 1.5 U
ETHYLBENZENE	NA	NA	NA	< 1.9 U
METHYLBENZENE	NA	NA	NA	< 1.8 U
O-XYLENE	NA	NA	NA	
XYLENE (TOTAL)	NA	NA	NA	< 4.7 U
PCB				
AROCOR - 1248 (PCB-1248)	NA	NA	NA	150 D ²
AROCOR - 1254 (PCB-1254)	NA	NA	NA	170 D ²
Total PCBs	NA	NA	NA	320
TPH				
MOTOR OIL	NA	NA	NA	NA
PHC AS #2 FUEL OIL	NA	NA	NA	NA
PHC AS #4 FUEL OIL	NA	NA	NA	NA
PHC AS #6 FUEL OIL	NA	NA	NA	NA
PHC AS AVIATION GAS	NA	NA	NA	NA
PHC AS DIESEL FUEL	NA	NA	NA	NA
UNIDENTIFIED	NA	NA	NA	NA
Total DRO	6720 D ⁵⁰	10600 D ⁵⁰	11600 D ⁵⁰	NA
METALS				
	mg/Kg	mg/Kg	mg/Kg	mg/Kg
ALUMINUM	NA	NA	NA	2580
ARSENIC	NA	NA	NA	1.4 B
BARIUM	NA	NA	NA	31.2
BERYLLIUM	NA	NA	NA	< 0.53 U
CADMIUM	NA	NA	NA	< 1.1 U
CALCIUM	NA	NA	NA	2640
CHROMIUM (TOTAL)	NA	NA	NA	8.4
COBALT	NA	NA	NA	3.4
COPPER	NA	NA	NA	22.1
IRON	NA	NA	NA	8920
LEAD	NA	NA	NA	43.3
MAGNESIUM	NA	NA	NA	1100 X
MANGANESE	NA	NA	NA	179
NICKEL	NA	NA	NA	9.3
POTASSIUM	NA	NA	NA	285
SODIUM	NA	NA	NA	74.4 B
VANADIUM	NA	NA	NA	18.1
ZINC	NA	NA	NA	47.1
MERCURY	NA	NA	NA	0.041 B
HALIDES				
	ug/L	ug/L	ug/L	
TOTAL ORGANIC HALIDES (TOX)	< 11	< 11	< 11	NA
Total Solids (%)	97.3	97.1	97.4	NA

NOTES:

NA = Not Analyzed.
ND = Not Detected.

QUALIFIERS

U = Analyte was not detected at or above the reporting limit.
D⁵⁰ = Dilution factor
B = Result is less than reporting limit but greater than method detection limit.

TABLE 3I
BUILDING 8 STOCKPILES
WASTE CHARACTERIZATION SAMPLE RESULTS
FINAL ENGINEERING REPORT
ATLAS PARK - PARCEL B
GLENDAL, NY

Location ID Sample ID Sample Date Unit	NYSDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVE	UST REMOVAL SP-2K-032105(4)DL1 3/21/2005 mg/L	
TCLP METALS			
ALUMINUM	-	< 0.00035	U
ANTIMONY	-	NA	
BARIUM	100	0.44	
BERYLLIUM	-	NA	
CADMIUM	1	< 0.0055	U
CALCIUM	-	NA	
CHROMIUM (TOTAL)	5	< 0.0065	U
COBALT	-	NA	
COPPER	-	NA	
IRON	-	NA	
LEAD	5	0.0541	
MAGNESIUM	-	NA	
MANGANESE	-	NA	
NICKEL	-	NA	
POTASSIUM	-	NA	
THALLIUM	-	NA	
VANADIUM	-	NA	
ZINC	-	NA	
MERCURY	0.2	NA	
RCRA			
REACTIVITY	-	Negative	
SULFIDE	-	< 12	U
IGNITABILITY	-	Negative	
pH	-	-	
Total Solids (%)	-	96.2	

NOTES:

RCRA = Resource Conservation and Recovery Act.

NA = Not Analyzed.

ND = Not Detected.

QUALIFIERS

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

TABLE 31
BUILDING 8 STOCKPILES
WASTE CHARACTERIZATION SAMPLE RESULTS
FINAL ENGINEERING REPORT
ATLAS PARK - PARCEL B
GLENDAL, NY

12/28/2006

Location ID Sample ID Sample Date Unit	Building 8 Bldg8-R1-062106 6/21/2006 ug/Kg	Building 8 Bldg8-R1-080906 8/9/2006 ug/Kg
VOCs		
2-BUTANONE (METHYL ETHYL KETONE)	5.8	NA
ACETONE	53.6	NA
BENZENE	0.8	NA
DICHLOROMETHANE	14.2	NA
ETHYLBENZENE	2.3	NA
METHYLBENZENE	7.1	NA
O-XYLENE	1.6	NA
TETRACHLOROETHENE	0.8	NA
TRICHLOROETHYLENE	1.3	NA
XYLENE (TOTAL)	4.2	NA
SVOCs		
ACENAPHTHYLENE	31.6	NA
ANTHRACENE	28.6	NA
BENZO(A)ANTHRACENE	272	NA
BENZO(A)PYRENE	303	NA
BENZO(B)FLUORANTHENE	353	NA
BENZO(G,H,I)PERYLENE	215	NA
BENZO(K)FLUORANTHENE	159	NA
CHRYSENE	216	NA
DIBENZ(A,H)ANTHRACENE	33.8	NA
FLUORANTHENE	429	NA
INDENO(1,2,3-CD)PYRENE	212	NA
PHENANTHRENE	96.6	NA
PYRENE	456	NA
PCBs		
AROCOR - 1248 (PCB-1248)	5690	NA
AROCOR - 1260 (PCB-1260)	453	NA
Total	6143	NA
Metals		
	mg/Kg	mg/Kg
ARSENIC	1.67	NA
BARIUM	NA	56.8
CADMIUM	0.382	NA
CHROMIUM (TOTAL)	17.8	NA
COPPER	NA	36.1
LEAD	35.8	NA
NICKEL	NA	13
SILVER	NA	3.42
ZINC	NA	54.9
MERCURY	0.614	NA
RCRA Char		
CHROMIUM VI	2.02	NA
CHROMIUM, TRIVALENT	15.8	NA
TOTAL ORGANIC CARBON	4260	NA
SPECIFIC CONDUCTANCE (us/cm)	332	NA
IGNITABILITY	Negative	NA
REACTIVITY	Negative	NA
pH (pH units)	7.36	NA
TEPH	36.6	NA
UNIDENTIFIED	36.6	NA
SOLIDS (%)	89.5	93.7

Notes:
NA = Not Analyzed.

TABLE 3I
BUILDING 8 STOCKPILE
WASTE CHARACTERIZATION SAMPLE RESULTS
FINAL ENGINEERING REPORT
ATLAS PARK - PARCEL B
GLENDAL, NY

Location ID	Federal Hazardous Waste Characteristics Regulatory Levels	Building 8
Sample ID		Bldg8-R1-062106
Sample Date		6/21/2006
Sample Time		9:00
Units	ug/L	ug/L
TCLP VOCs		
	-	ND
TCLP SVOCs		
	-	ND
Pesticides		
	-	ND
Herbicides		
	-	ND
TCLP Metals		
	mg/L	mg/L
BARIUM	100	0.406
CHROMIUM (TOTAL)	5	0.0028
LEAD	5	0.0233
SELENIUM	1	0.0074

Notes:

ND = Not Detected.

RCRA = Resource Conservation and Recovery Act.

**DISPOSAL FACILITY
UNITED BRIDGEPORT RECYCLING
BRIDGEPORT, CT**

**TABLE 4A
LIQUID WASTE DISPOSAL SUMMARY
FINAL ENGINEERING REPORT
ATLAS PARK- PARCEL B
GLENDALE, NY**

12/28/2006

Date	Manifest	Gallons	Tons	Description
2/7/2005	CT F 1192611	3,426		20,000 Gallon UST Cleaning #6 /Diesel
2/8/2005	CT F 1192633	3,495		20,000 Gallon UST Cleaning #6 /Diesel
2/9/2005	CT F 1192634	1,589		20,000 Gallon UST Cleaning #6 /Diesel
2/17/2005	CT F 1192618	3,486		20,000 Gallon UST Cleaning #6 /Diesel
3/3/2005	CT F 1192691	2,987		Bldg 28 Tanks Glue Product / Sludge
3/4/2005	CT F 1192643		6	Bldg 28 Tanks Glue Product / Sludge
3/7/2005	CT F 1201115		6	Bldg 28 Tanks Glue Product / Sludge
3/8/2005	CT F 1192644		10	Bldg 28 Tanks Glue Product / Sludge
3/16/2006	CT F 1190011	961		20,000 Gallon UST Cleaning #6 /Diesel
3/18/2006	CT F 1192690	2,879		Bldg 28 Tanks Glue Product / Sludge
3/31/2005	CT F 1201156	3,710		20,000 Gallon UST Cleaning #6 /Diesel
12/14/2005	CT F 1207935	100		Regulated Waste Liquid
7/26/2006	CT F 1208317	1,825		Transformer Vault Regulated Waste Liquid
	Total	24,458	22	

DISPOSAL FACILITY
VEXOR TECHNOLOGY
MEDINA, OHIO

TABLE 4B
DRUMMED WASTE DISPOSAL SUMMARY
FINAL ENGINEERING REPORT
ATLAS PARK- PARCEL B
GLENDALE, NY

12/28/2006

Date	Trucking Company	Drums	Gallons	Description
7/19/2006	Freehold Cartage, Inc.	8	440	Non RCRA, Non Dot regulated Waste (Soil Cuttings)
7/19/2006	Freehold Cartage, Inc.	9	495	Non RCRA, Non Dot regulated Waste (Purge Water)
7/19/2006	Freehold Cartage, Inc.	42	2,310	Non RCRA, Non Dot regulated Waste (Soil Cuttings)
7/19/2006	Freehold Cartage, Inc.	16	880	Non RCRA, Non Dot regulated Waste (Purge Water)
9/8/2006	Maumee Express, Inc.	21	1,155	Non RCRA, Non Dot regulated Waste (Soil Cuttings)
9/8/2006	Maumee Express, Inc.	8	440	Non RCRA, Non Dot regulated Waste (Purge Water)
12/8/2006	Freehold Cartage, Inc.	51	2,805	Non RCRA, Non Dot regulated Waste (Soil Cuttings)
12/8/2006	Freehold Cartage, Inc.	22	1,210	Non RCRA, Non Dot regulated Waste (Purge Water)
	Total		9,735	

TABLE 5
OFFSITE SOIL/WASTE DISPOSAL VOLUMES ⁽¹⁾ AND FACILITIES
ATLAS PARK – PARCEL B
GLENDAL, NEW YORK
(From January 28, 2005 to December 11, 2006)

Material/AOC (if applicable)	Dates of Hauling	Facility and Volume of Material Transported				
		South Hadley Landfill, South Hadley, MA	Recycle Technology, North Haven CT	Clean Earth of Philadelphia, PA	Clean Earth of North Jersey, South Kearny, NJ	Modern Landfill, York, PA
CATEGORY 1						
Southeast Vault, Building 8 excavations	3/10/2006 to 12/15/2006		971.84			
Miscellaneous Cat 1 Soil Stockpiles, AOC 1 & 2 Soil, Building 3 excavations	1/30/2006 to 2/3/2006	2,608.46				
CATEGORY 2 (NON-HAZARDOUS)						
SP2K, Building 8 Trench Material Roll- Offs, Building 7 Roll- Offs	11/28/05 to 12/11/06			918.73		
USTs 1 and 2 piping and soils	1/28/2005				40.32	
Building 3 Drain area roll offs	4/14/2006					20.76

Notes:

(1) All volumes in tons. Volumes are based on the final tally of Earth Technologies Inc. weight tickets from the facilities.

TABLE 6A
AOC: BUILDING 3 FLOOR DRAIN
ENDPOINT SAMPLE RESULTS
FINAL ENGINEERING REPORT
ATLAS PARK - PARCEL B
GLENDAL, NY

12/28/2006

Location ID Sample ID Sample Date Unit	NYSDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVE	TRACK 4 SOIL CLEANUP OBJECTIVE CRITERIA	Building 3 B3-37-3.5-01106 1/11/2006 ug/Kg	Building 3 B3-37-9-01106 1/11/2006 ug/Kg
VOCs				
1,1-DICHLOROETHYLENE	400	400	< 0.5 U	< 4.8 U
2-BUTANONE (METHYL ETHYL KETONE)	300	300	10	249
ACETONE	200	200	< 50.3 U	< 529 U
BENZENE	60	60	< 0.7	< 6.6 U
CHLOROFORM	300	300	4.5	40.4
DICHLOROMETHANE	100	100	14.1	< 28.9 U
ETHYLBENZENE	5500	5500	< 0.7 U	40.4
METHYLBENZENE	1500	1500	6.5	92.2
O-XYLENE	-	-	< 1 U	183
TETRACHLOROETHENE	1400	1400	8	36.2
TRANS-1,2-DICHLOROETHENE	300	300	< 0.6 U	< 6 U
TRICHLOROETHYLENE	700	700	36.9	165
XYLENE (TOTAL)	1200	1200	< 1.3 U	348
TOTALS	10000	10000	80.7	1154.2
SVOCs				
2-METHYLNAPHTHALENE	36400	-	14.9	< 6.75 U
BENZO(K)FLUORANTHENE	220	-	17.5	< 12.3 U
CHRYSENE	400	-	16.2	< 4.35 U
DIBENZ(A,H)ANTHRACENE	14	-	13.6	< 4.9 U
TOTALS	500000	500000	62.2	0
Pesticides				
	-	-	ND	ND
Herbicides				
	-	-	ND	ND
PCBs				
AROCLOR - 1260 (PCB-1260)	-	-	154	< 1.62 U
Total PCBs	10000	-	154	ND
Metals				
	mg/Kg	mg/Kg	mg/Kg	mg/Kg
ALUMINUM	33000	-	5560	5850
ANTIMONY	-	-	0.582	0.791
ARSENIC	12	23	1.2	1.01
BARIUM	600	700	29.9	28.7
BERYLLIUM	1.75	-	0.283	0.232
CADMIUM	1	-	0.187	0.197
CHROMIUM (TOTAL)	40	43	11.2	11.4
COBALT	60	-	4.54	4.6
COPPER	50	250	20	18.3
IRON	550000	-	7110	7510
LEAD	500	1000	5.83	2.86
MAGNESIUM	5000	-	2010	2810
MANGANESE	5000	-	276	250
NICKEL	25	-	8.58	9
POTASSIUM	43000	-	1060	1110
SODIUM	8000	-	116	106
VANADIUM	300	-	13	14.2
ZINC	50	300	23.5	19
CALCIUM	35000	-	2810	1370
Total Solids (%)	-	-	93.3	93.5

Notes:
NYSDEC RSCOs obtained from TAGM 4046.
NA = Not Detected.
TRACK 4 exceedances are in BOLD.

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

TABLE 6B
AOC: BUILDING 3 PIPE CHASE
ENDPOINT SAMPLE RESULTS
FINAL ENGINEERING REPORT
ATLAS PARK- PARCEL B
GLENDAL, NY

Location ID Sample ID Sample Date Unit	NYSDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVE (ug/kg)	TRACK 4 SOIL CLEANUP OBJECTIVE CRITERIA	Building 3 Pipe B3-PIPE1-1-0713106 1/31/2006 ug/kg	Building 3 Pipe B3-PIPE 4-5 2/2/2006 ug/kg	Building 3 Pipe B3-PIPE5-4-020306 2/3/2006 ug/kg
VOCs					
2-BUTANONE	300	300	238	3	18
4-METHYL-2-PENTANONE	1000	1000	5.6	0.5	0.9
ACETONE	200	200	450	396	197
BENZENE	60	60	87.6	0.5	1.4
CARBON DISULFIDE	2700	2700	4.6	0.4	1.4
DICHLOROMETHANE	100	100	24.6	5.9	6.5
ETHYLBENZENE	5500	5500	32.8	0.5	0.8
METHYLBENZENE	1500	1500	193	0.7	3.3
TETRACHLOROETHENE	1400	1400	211	6.2	72.3
TRICHLOROETHYLENE	700	700	5.6	1.5	13
O-XYLENE	-	-	77.4	0.7	1.4
XYLENE (TOTAL)	1200	1200	169	1	2.2
Total	10000	10000	1008.8	409.6	318.2
% Solids					
	-	-	92.9	94.5	-

NOTES:

NYSDEC RSCOs obtained from TAGM 4046.

TRACK 4 exceedances are in BOLD.

TAGM exceedances are highlighted.

QUALIFIERS

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

J = Result is an estimated value below the reporting

VOC6- Production of Acetone and other ketones in

Sodium Bisulfate extraction technique.

TABLE 6B
AOC: BUILDING 3 PIPE CHASE
ENDPOINT SAMPLE RESULTS
FINAL ENGINEERING REPORT
ATLAS PARK- PARCEL B
GLENDAL, NY

Location ID Sample ID Sample Date Unit	NYSDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVE (ug/kg)	TRACK 4 SOIL CLEANUP OBJECTIVE CRITERIA	Building 3 Pipe B3-PIPE6-4-21006 2/10/2006 ug/kg	Building 3 Pipe B3-PIPE7-4-21006 2/10/2006 ug/kg	Building 3 Pipe B3-PIPE8-4-21006 2/10/2006 ug/kg	Building 3 Pipe B3-PIPE9-2-21006 2/10/2006 ug/kg	Building 3 Pipe B3-PIPE10-2-21006 2/10/2006 ug/kg
VOCs							
2-BUTANONE	300	300	<	54.3	<	5.7	VOC6, J
4-METHYL-2-PENTANONE	1000	1000	<	54.3	<	53.1	U
ACETONE	200	200	<	109	<	90.9	VOC6, J
BENZENE	60	60	<	5.4	<	1.9	J
CARBON DISULFIDE	2700	2700	<	27.1	<	0.8	J
DICHLOROMETHANE	100	100	<	3.2	<	3.4	U
ETHYLBENZENE	5500	5500	<	5.4	<	5.3	U
METHYLBENZENE	1500	1500	<	5.4	<	1.2	J
TETRACHLOROETHENE	1400	1400	<	2.7	<	20.9	U
O-XYLENE	700	700	<	0.6	<	1.6	U
XYLENE (TOTAL)	1200	1200	<	5.4	<	5.3	U
Total	10000	10000	5.6	16.3	16.2	15.9	11.2
% Solids	-	-	91	92.2	-	92.8	93.9

NOTES:

NYSDEC RSCOs obtained from TAGM 4046.

TRACK 4 exceedances are in BOLD.

TAGM 4046 is the current standard.

QUALIFIERS

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

J = Result is an estimated value below the reporting

VOC6- Production of Acetone and other ketones in

Sodium Bisulfate extraction technique.

TABLE 6B
AOC: BUILDING 3 PIPE CHASE
ENDPOINT SAMPLE RESULTS
FINAL ENGINEERING REPORT
ATLAS PARK- PARCEL B
GLENDALE, NY

Location ID Sample ID Sample Date Unit	NYSDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVE (ug/kg)	TRACK 4 SOIL CLEANUP OBJECTIVE CRITERIA	Building 3 Pipe B3-PIPE11-4-21006 2/10/2006 ug/kg	Building 3 Pipe B3-PIPE12-4-21006 2/10/2006 ug/kg	Building 3 Pipe B3-PIPE13-3-21006 2/10/2006 ug/kg	Building 3 Pipe B3-PIPE14-3-21006 2/10/2006 ug/kg	Building 3 Pipe B3-PIPE15-3-21006 2/10/2006 ug/kg							
VOCs														
2-BUTANONE	300	300	<	56.2	U	<	5.5	VOC6, J	<	47.7	U	<	43.4	U
4-METHYL-2-PENTANONE	1000	1000	<	56.2	U	<	53.1	U	<	47.7	U	<	43.4	U
ACETONE	200	200	<	112	U	<	106	U	77.7	VOC6, J	74.5	VOC6, J	54.8	VOC6, J
BENZENE	60	60	<	5.6	U	<	5.3	U	<	5.3	U	<	4.3	U
CARBON DISULFIDE	2700	2700	<	1.1	J	<	0.7	J	0.7	J	1.3	J	1.7	J
DICHLOROMETHANE	100	100	<	16.1		<	5.1		6.5		3.4		3.5	
ETHYLBENZENE	5500	5500	<	5.6	U	<	5.3	U	<	5.3	U	<	4.3	U
METHYLBENZENE	1500	1500	<	5.6	U	<	5.3	U	<	5.3	U	<	4.3	U
TETRACHLOROETHENE	1400	1400	<	50.7		<	16.9		47.3		64.5		70	
TRICHLOROETHYLENE	700	700	<	0.7		<	0.6	U	<	0.6	U	<	0.9	U
O-XYLENE	-	-	<	5.6	U	<	5.3	U	<	5.3	U	<	4.3	U
XYLENE (TOTAL)	1200	1200	<	16.8		<	15.9		16		14.3		13	
Total	10000	10000	67.5	22		53.8	69		74.4					
% Solids	-	-	94.7	95		95.8	95.7		95.7					

NOTES:

NYSDEC RSCOs obtained from TAGM 4046.

TRACK 4 exceedances are in BOLD.

TAGM exceedances are highlighted.

QUALIFIERS

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

J = Result is an estimated value below the reporting

VOC6- Production of Acetone and other ketones in

Sodium Bisulfate extraction technique.

TABLE 6B
AOC: BUILDING 3 PIPE CHASE
ENDPOINT SAMPLE RESULTS
FINAL ENGINEERING REPORT
ATLAS PARK- PARCEL B
GLENDAL, NY

Location ID Sample ID Sample Date Unit	NYSDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVE (ug/kg)	TRACK 4 SOIL CLEANUP OBJECTIVE CRITERIA	Building 3 Pipe B3-PIPE16-3-21006 2/10/2006 ug/kg	Building 3 Pipe B3-PIPE17-3-21006 2/10/2006 ug/kg	Building 3 Pipe B3-PIPE18-3-21006 2/10/2006 ug/kg	Building 3 Pipe B3-PIPE19-3-21006 2/10/2006 ug/kg	Building 3 Pipe B3-PIPE20-3-21006 2/10/2006 ug/kg
VOCs							
2-BUTANONE	300	300	7.1 VOC6, J	3.6 VOC6, J	7.5 VOC6, J	< 44.3	5.2 VOC6, J
4-METHYL-2-PENTANONE	1000	1000	< 53 U	< 49.3 U	< 51.8 U	< 44.3 U	< 46.9 U
ACETONE	200	200	117 VOC6	66.8 VOC6, J	92 VOC6, J	58.7 VOC6, J	68.5 VOC6, J
BENZENE	60	60	< 5.3 U	< 4.9 U	< 5.2 U	< 4.4 U	< 4.7 U
CARBON DISULFIDE	2700	2700	0.7 J	0.7 J	< 25.9 U	< 22.2 U	< 23.4 U
DICHLOROMETHANE	100	100	3.4	3.8	5	3.9	4.6
ETHYLBENZENE	5500	5500	< 5.3 U	< 4.9 U	< 5.2 U	< 4.4 U	< 4.7 U
METHYLBENZENE	1500	1500	< 5.3 U	< 4.9 U	< 5.2 U	< 4.4 U	< 4.7 U
TETRACHLOROETHENE	1400	1400	42.2	42.6	11.5	3.7	6.4
TRICHLOROETHYLENE	700	700	< 0.6 U	< 0.5 U	< 0.6 U	< 0.5 U	< 0.5 U
O-XYLENE	-	-	< 5.3 U	< 4.9 U	< 5.2 U	< 4.4 U	< 4.7 U
XYLENE (TOTAL)	1200	1200	15.9	14.8	15.6	13.3	14.1
Total	10000	10000	45.6	46.4	16.5	7.6	11
% Solids	-	-	94.9	96.5	96.5	96.6	97.7

NOTES:

NYSDEC RSCOs obtained from TAGM 4046.

TRACK 4 exceedances are in BOLD.

TAGM exceedances are highlighted.

QUALIFIERS

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

J = Result is an estimated value below the reporting

VOC6- Production of Acetone and other ketones in

Sodium Bisulfate extraction technique.

TABLE 6B
AOC: BUILDING 3 PIPE CHASE
ENDPOINT SAMPLE RESULTS
FINAL ENGINEERING REPORT
ATLAS PARK- PARCEL B
GLENDAL, NY

Location ID Sample ID Sample Date Unit	NYSDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVE (ug/kg)	TRACK 4 SOIL CLEANUP OBJECTIVE CRITERIA	Building 3 Pipe B3-PIPE21-3-21006 2/10/2006 ug/kg	Building 3 Pipe B3-PIPE22-3-21006 2/10/2006 ug/kg	Building 3 Pipe B3-PIPE23-3-21006 2/10/2006 ug/kg	Building 3 Pipe B3-PIPE24-3-21006 2/10/2006 ug/kg	Building 3 Pipe B3-PIPE25-3-21006 2/10/2006 ug/kg
VOCs							
2-BUTANONE	300	300	< 52.6 U	5.9 VOC6, J	5.5 VOC6, J	7.7 VOC6, J	6.9 VOC6, J
4-METHYL-2-PENTANONE	1000	1000	< 52.6 U	< 52.8 U	< 57 U	< 54.3 U	< 54 U
ACETONE	200	200	49.3 VOC6, J	92.1 VOC6, J	102 VOC6, J	128 VOC6	125 VOC6
BENZENE	60	60	< 5.3 U	< 5.3 U	< 5.7 U	< 5.4 U	< 5.4 U
CARBON DISULFIDE	2700	2700	< 26.3 U	0.5 J	1.3 J	1.5 J	< 27 U
DICHLOROMETHANE	100	100	5.9	8.4	7.6	9.5	8.7
ETHYLBENZENE	5500	5500	< 5.3 U	< 5.3 U	< 5.7 U	< 5.4 U	< 5.4 U
METHYLBENZENE	1500	1500	< 5.3 U	< 5.3 U	< 5.7 U	< 5.4 U	< 5.4 U
TETRACHLOROETHENE	1400	1400	3.2	18.4	7.6	13.4	4
TRICHLOROETHYLENE	700	700	< 0.6 U	< 0.6 U	< 0.6 U	< 0.6 U	< 0.6 U
O-XYLENE	-	-	< 5.3 U	< 5.3 U	< 5.7 U	< 5.4 U	< 5.4 U
XYLENE (TOTAL)	1200	1200	15.8	15.9	17.1	16.3	16.2
Total	10000	10000	9.1	26.8	15.2	22.9	12.7
% Solids	-	-	95.8	95.7	94.1	95.7	93.9

NOTES:

NYSDEC RSCOs obtained from TAGM 4046.

TRACK 4 exceedances are in BOLD.

TAGM exceedances are highlighted.

QUALIFIERS

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

J = Result is an estimated value below the reporting

VOC6- Production of Acetone and other ketones in

Sodium Bisulfate extraction technique.

TABLE 6B
AOC: BUILDING 3 PIPE CHASE
ENDPOINT SAMPLE RESULTS
FINAL ENGINEERING REPORT
ATLAS PARK- PARCEL B
GLENDAL, NY

Location ID Sample ID Sample Date Unit	NYSDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVE (ug/kg)	TRACK 4 SOIL CLEANUP OBJECTIVE CRITERIA	Building 3 Pipe B3-PIPE26-4-21006 2/10/2006 ug/kg	Building 3 Pipe B3-PIPE27-4-21006 2/10/2006 ug/kg	Building 3 Pipe B3-PIPE28-4-21006 2/10/2006 ug/kg	Building 3 Pipe B3-PIPE29-4-21006 2/10/2006 ug/kg	Building 3 Pipe B3-PIPE30-4-21006 2/10/2006 ug/kg
VOCs							
2-BUTANONE	300	300	4.3	VOC6, J	4	VOC6, J	<
4-METHYL-2-PENTANONE	1000	1000	<	52.2	U	<	41.4
ACETONE	200	200	119	VOC6	U	U	41.4
BENZENE	60	60	<	5.2	U	VOC6, J	<
CARBON DISULFIDE	2700	2700	1.1	J	U	U	4.1
DICHLOROMETHANE	100	100	4.1	3.7	J	U	1
ETHYLBENZENE	5500	5500	<	5.2	U	U	4.8
METHYLBENZENE	1500	1500	<	5.2	U	U	4.1
TETRACHLOROETHENE	1400	1400	42.3	26.4	U	U	4.1
TRICHLOROETHYLENE	700	700	1.9	1	U	U	46
O-XYLENE	-	-	<	5.2	U	U	3.5
XYLENE (TOTAL)	1200	1200	15.6	12.6	U	U	4.1
Total	10000	10000	48.3	31.1	17.3	12.4	181.4
% Solids	-	-	97.1	96.3	96.1	96.4	94.9

NOTES:

NYSDEC RSCOs obtained from TAGM 404B.

TRACK 4 exceedances are in BOLD.

TAGM exceedances are highlighted.

QUALIFIERS

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

J = Result is an estimated value below the reporting

VOC6- Production of Acetone and other ketones in

Sodium Bisulfate extraction technique.

TABLE 6B
AOC: BUILDING 3 PIPE CHASE
ENDPOINT SAMPLE RESULTS
FINAL ENGINEERING REPORT
ATLAS PARK- PARCEL B
GLENDAL, NY

Location ID	NYSDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVE (ug/kg)	TRACK 4 SOIL CLEANUP OBJECTIVE CRITERIA	Building 3 Pipe B3-PIPE31-2-21006 2/10/2006 ug/kg	Building 3 Pipe B3-PIPE32-2-21006 2/10/2006 ug/kg	Building 3 Pipe B3-PIPE33-4-21006 2/10/2006 ug/kg	Building 3 Pipe B3-PIPE34-3-21006 2/10/2006 ug/kg	Building 3 Pipe B3-PIPE35-3-21006 2/10/2006 ug/kg
VOCs							
2-BUTANONE	300	300	< 56.9 U	5.1 VOC6, J	< 48.1 U	< 48.1 U	3.1 VOC6, J
4-METHYL-2-PENTANONE	1000	1000	< 56.9 U	< 45.2 U	< 48.1 U	< 48.1 U	< 38.6 U
ACETONE	200	200	68.9 VOC6, J	99.8 VOC6	55.8 VOC6, J	< 96.3 U	57.3 VOC6, J
BENZENE	60	60	< 5.7 U	< 4.5 U	< 4.8 U	< 4.8 U	< 3.9 U
CARBON DISULFIDE	2700	2700	2.1 J	1.8 J	2.3 J	0.9 J	1.8 J
DICHLOROMETHANE	100	100	6.8	5.3	4.2	4.8	4.3
ETHYLBENZENE	5500	5500	< 5.7 U	< 4.5 U	< 4.8 U	< 4.8 U	< 3.9 U
METHYLBENZENE	1500	1500	< 5.7 U	0.8 J	< 4.8 U	< 4.8 U	< 3.9 U
TETRACHLOROETHENE	1400	1400	63.6	87.8	69.9	8.1	106
TRICHLOROETHYLENE	700	700	2	1.6	4.7	0.6	6.8
O-XYLENE	-	-	< 5.7 U	< 4.5 U	< 4.8 U	< 4.8 U	< 3.9 U
XYLENE (TOTAL)	1200	1200	17.1	13.5	14.4	14.4	11.6
Total	10000	10000	72.4	94.7	78.8	13.5	117.1
% Solids	-	-	94.4	95.2	95.6	95.4	95.3

NOTES:

NYSDEC RSCOs obtained from TAGM 4045.

TRACK 4 exceedances are in BOLD.

TAGM RSCOs are in BOLD.

QUALIFIERS

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

J = Result is an estimated value below the reporting

VOC6- Production of Acetone and other ketones in

Sodium Bisulfate extraction technique.

TABLE 6B
AOC: BUILDING 3 PIPE CHASE
ENDPOINT SAMPLE RESULTS
FINAL ENGINEERING REPORT
ATLAS PARK- PARCEL B
GLENDAL, NY

Location ID Sample ID Sample Date Unit	NYSDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVE (ug/kg)	TRACK 4 SOIL CLEANUP OBJECTIVE CRITERIA	Building 3 Pipe B3-PIPE36-2-21006 2/10/2006 ug/kg	Building 3 Pipe B3-PIPE37-2-21006 2/10/2006 ug/kg	Building 3 Pipe B3-PIPE38-2-21006 2/10/2006 ug/kg	Building 3 Pipe B3-PIPE39-2-21006 2/10/2006 ug/kg	Building 3 Pipe B3-PIPE40-2-21006 2/10/2006 ug/kg							
VOCs														
2-BUTANONE	300	300	<	55.9	U	<	44.2	U	<	7.4	VOC6, J	7.7	VOC6, J	
4-METHYL-2-PENTANONE	1000	1000	<	55.9	U	<	45.8	U	<	49.9	U	<	41	U
ACETONE	200	200	<	112	U	<	48.8	VOC6, J	<	53.2	VOC6, J	<	105	VOC6
BENZENE	60	60	<	5.6	U	<	4.6	U	<	4.4	U	<	0.8	J
CARBON DISULFIDE	2700	2700	<	27.9	U	<	22.9	U	<	1.9	J	<	1.1	J
DICHLOROMETHANE	100	100	<	11	U	<	4.8	U	<	4.6	U	<	5.1	J
ETHYLBENZENE	5500	5500	<	5.6	U	<	4.6	U	<	4.4	U	<	4.1	U
METHYLBENZENE	1500	1500	<	5.6	U	<	4.6	U	<	1.5	J	<	1	J
TETRACHLOROETHENE	1400	1400	<	9.5	U	<	11.8	U	<	64.5	U	<	4.2	U
TRICHLOROETHYLENE	700	700	<	1.3	U	<	1.1	U	<	6.1	U	<	0.5	U
O-XYLENE	-	-	<	5.6	U	<	4.6	U	<	4.4	U	<	4.1	U
XYLENE (TOTAL)	1200	1200	<	16.8	U	<	13.8	U	<	13.2	U	<	12.3	U
Total	10000	10000	21.8	17.7	75.2	10.3	9.3							
% Solids	-	-	94	93.7	95.7	92.4	94.8							

NOTES:
 NYSDEC RSCOs obtained from TAGM 4046.
 TRACK 4 exceedances are in BOLD.
 U = Analyte was not detected at or above the reporting limit.
 J = Result is an estimated value below the reporting
 VOC6- Production of Acetone and other ketones in
 Sodium Bisulfate extraction technique.

TABLE 6B
AOC: BUILDING 3 PIPE CHASE
ENDPOINT SAMPLE RESULTS
FINAL ENGINEERING REPORT
ATLAS PARK- PARCEL B
GLENDAL, NY

Location ID Sample ID Sample Date Unit	NYSDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVE (ug/kg)	TRACK 4 SOIL CLEANUP OBJECTIVE CRITERIA	Building 3 Pipe B3-PIPE41-3-21006 2/10/2006 ug/kg	Building 3 Pipe B3-PIPE42-2-5-21406 2/14/2006 ug/kg
VOCs				
2-BUTANONE	300	300	8.1 VOC6, J	6.7 VOC6, J
4-METHYL-2-PENTANONE	1000	1000	< U	< U
ACETONE	200	200	127 VOC6, J	101 VOC6, J
BENZENE	60	60	5.8 J	0.8 J
CARBON DISULFIDE	2700	2700	2.1 J	34.4 UU
DICHLOROMETHANE	100	100	9.2	7.8
ETHYLBENZENE	5500	5500	6.9 U	6.9 U
METHYLBENZENE	1500	1500	8.9	6.9 U
TETRACHLOROETHENE	1400	1400	2.9	1
TRICHLOROETHYLENE	700	700	< U	< U
O-XYLENE	-	-	< U	< U
XYLENE (TOTAL)	1200	1200	9	20.7
Total	10000	10000	12.1	7.8
% Solids	-	-	91.3	88.2

NOTES:

NYSDEC PSCOs obtained from TAGM 4046.

TRACK 4 exceedances are in BOLD.

Values in parentheses are highlighted.

QUALIFIERS

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

J = Result is an estimated value below the reporting

VOC6- Production of Acetone and other ketones in

Sodium Bisulfate extraction technique.

TABLE 6C
AOC: BUILDING 3 AOC 1 AND 2 PITS
ENDPOINT SAMPLE RESULTS
FINAL ENGINEERING REPORT
ATLAS PARK - PARCEL B
GLENDAL, NY

12/28/2006

Location ID Sample ID Sample Date Unit	NYSDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVE	TRACK 4 SOIL CLEANUP OBJECTIVE CRITERIA	BUILDING 3 AOC1-B3-EP-030106 3/1/2006 ug/kg	BUILDING 3 AOC1-B3-NSW-030106 3/1/2006 ug/kg	BUILDING 3 AOC1-B3-SSW-030106 3/1/2006 ug/kg
VOC					
2-BUTANONE (METHYL ETHYL KETONE)	300	300	<	RV	<
ACETONE	200	200	<	U	<
DICHLOROMETHANE	100	100	49.8	11	45.1
TETRACHLOROETHENE	1400	1400	15	0.3	8.6
TRICHLOROETHYLENE	700	700	21.7	U	8.1
TOTAL	10000	10000	0.6	0.6	0.6
			36.7	11	16.7
SOLIDS (%)					
	-	-	92.2	92.8	93

NOTES:
 NYSDEC RSCOs obtained from TAGM 4046.
 TRACK 4 exceedances are in **BOLD**.

QUALIFIERS
 U = Analyte was not detected at or above the reporting limit.
 J = Detected but below the Reporting Limit, indicates quantitative estimates
 R = Data rejected during data validation.
 V = Result is changed because of Data Validation

TABLE 6C
AOC: BUILDING 3 AOC 1 AND 2 PITS
ENDPOINT SAMPLE RESULTS
FINAL ENGINEERING REPORT
ATLAS PARK - PARCEL B
GLENDALE, NY

12/28/2006

Location ID Sample ID Sample Date Unit	NYSDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVE	TRACK 4 SOIL CLEANUP OBJECTIVE CRITERIA	BUILDING 3 AOC1-B3-ESW-030106 3/1/2006 ug/kg	BUILDING 3 AOC1-B3-WSW-030106 3/1/2006 ug/kg	BUILDING 3 AOC2-B3-EP-030106 3/1/2006 ug/kg	BUILDING 3 AOC2-B3-NSW-030106 3/1/2006 ug/kg
VOC						
2-BUTANONE (METHYL ETHYL KETONE)	300	300	<	RV	<	RV
ACETONE	200	200	<	4	<	RV
DICHLOROMETHANE	100	100	51.8	RV	<	RV
TETRACHLOROETHENE	1400	1400	9.3	RV	<	RV
TRICHLOROETHYLENE	700	700	2	RV	<	RV
TOTAL	10000	10000	<	RV	<	RV
			11.3	38.9	242.9	128.8
SOLIDS (%)						
	-	-	92.4	95.2	95.5	96.9

NOTES:
NYSDEC RSCOs obtained from TAGM 4046.
TRACK 4 exceedances are in BOLD.

QUALIFIERS

U = Analyte was not detected at or above the reporting limit.
J = Detected but below the Reporting Limit, indicates quantitative estimates
R = Data rejected during data validation.
V = Result is changed because of Data Validation

TABLE 6C
AOC: BUILDING 3 AOC 1 AND 2 PITS
ENDPOINT SAMPLE RESULTS
FINAL ENGINEERING REPORT
ATLAS PARK - PARCEL B
GLENDAL, NY

Location ID Sample ID Sample Date Unit	NYSDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVE	TRACK 4 SOIL CLEANUP OBJECTIVE CRITERIA	BUILDING 3 AOC2-B3-SSW-030106 3/1/2006 ug/kg	BUILDING 3 AOC2-B3-ESW-030106 3/1/2006 ug/kg	BUILDING 3 AOC2-B3-WSW-030106 3/1/2006 ug/kg
VOC					
2-BUTANONE (METHYL ETHYL KETONE)	300	300	<	<	RV
ACETONE	200	200	58.1	164	61.2
DICHLOROMETHANE	100	100	12.5	13.9	12.1
TETRACHLOROETHENE	1400	1400	2.4	40	9.6
TRICHLOROETHYLENE	700	700	0.6	0.6	0.6
TOTAL	10000	10000	73	218.5	82.9
SOLIDS (%)	-	-	95.3	95.3	95.1

NOTES:

NYSDEC RSCOs obtained from TAGM 4046.

TRACK 4 exceedances are in BOLD.

QUALIFIERS

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

J = Detected but below the Reporting Limit, indicates quantitative estimates

R = Data rejected during data validation.

V = Result is changed because of Data Validation

TABLE 6D
AOC: BUILDING 3 CON EDISON VAULT AND ELECTRICAL ROOM
ENDPOINT SAMPLE RESULTS
FINAL ENGINEERING REPORT
ATLAS PARK - PARCEL B
GLENDAL, NY

Location ID Sample ID Sample Date UNITS	NYSDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVE	TRACK 4 SOIL CLEANUP OBJECTIVE CRITERIA	Building 3 Bldg3-Coned-SW-EP 8/3/2006 ug/m ³	Building 3 Bldg3-Coned-SW-EP2 8/4/2006 ug/m ³
VOCs	-		NA	NA
SVOCs	-		NA	NA
PCBs				
AROCOR - 1254 (PCB-1254)	-	-	1.36	1.46
AROCOR - 1260 (PCB-1260)	-	-	1.57	1.68
AROCOR - 1262 (PCB-1262)	-	-	NA	NA
AROCOR - 1268 (PCB-1268)	-	-	NA	NA
Total PCBs	10000	10000	ND	ND
PESTICIDES	-		NA	NA
HERBICIDES	-		NA	NA
Metals	-		NA	NA
PAHs	-		NA	NA
SOLIDS (%)	-		89.8	84.9

Notes:

NYSDEC RSCOs obtained from TAGM 4046.
 No TRACK 4 exceedances in these samples.
 ND = Not Detected
 NA = Not Analyzed

QUALIFIERS

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

TABLE 6D
AOC: BUILDING 3 CON EDISON VAULT AND ELECTRICAL ROOM
ENDPOINT SAMPLE RESULTS
FINAL ENGINEERING REPORT
ATLAS PARK - PARCEL B
GLENDAL, NY

Location ID Sample ID Sample Date UNITS	NYSDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVE	TRACK 4 SOIL CLEANUP OBJECTIVE CRITERIA	Building 3 Bldg3-Coned-NW-EP 8/3/2006 ug/m ³	Building 3 Bldg3-Coned-NW-EP2 8/4/2006 ug/m ³
VOCs	-		NA	NA
SVOCs	-		NA	NA
PCBs				
AROCOR - 1254 (PCB-1254)	-	-	< 1.6	< 1.33
AROCOR - 1260 (PCB-1260)	-	-	33	U
AROCOR - 1262 (PCB-1262)	-	-	NA	1.54
AROCOR - 1268 (PCB-1268)	-	-	NA	NA
Total PCBs	10000	10000	33	NA
PESTICIDES	-		NA	ND
HERBICIDES	-		NA	NA
Metals	-		NA	NA
PAHs	-		NA	NA
SOLIDS (%)	-		80	91.6

Notes:

NYSDEC RSCOs obtained from TAGM 4046.
 No TRACK 4 exceedances in these samples.
 ND = Not Detected
 NA = Not Analyzed

QUALIFIERS

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

TABLE 6D
AOC: BUILDING 3 CON EDISON VAULT AND ELECTRICAL ROOM
ENDPOINT SAMPLE RESULTS
FINAL ENGINEERING REPORT
ATLAS PARK - PARCEL B
GLENDALE, NY

Location ID Sample ID Sample Date Sample Time	NYSDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVE	TRACK 4 SOIL CLEANUP OBJECTIVE CRITERIA	BUILDING 3 B3ER-032306 3/23/2006
VOCs	ug/Kg	ug/Kg	ug/Kg
2-BUTANONE (METHYL ETHYL KETONE)	300	300	< 4.6 U
4-METHYL-2-PENTANONE	1000	1000	< 0.7 U
ACETONE	200	200	< 56.7 U
CARBON DISULFIDE	2700	2700	< 0.6 U
DICHLOROMETHANE	100	100	4.8 O-01, J
TETRACHLOROETHENE	1400	1400	2.6 J
TRICHLOROETHYLENE	700	700	< 0.7 U
TOTAL	10000	10000	7.4
SVOCs			
ACENAPTHENE	50000	-	< 4.24 U
ANTHRACENE	50000	-	< 5.3 U
BENZO(A)ANTHRACENE	224	-	< 11.3 U
BENZO(A)PYRENE	61	-	< 5.99 U
BENZO(B)FLUORANTHENE	220	-	< 23.3 U
BENZO(G,H,I)PERYLENE	50000	-	< 4.93 U
BENZO(K)FLUORANTHENE	220	-	< 7.05 U
BIS(2-ETHYLHEXYL)PHTHALATE	50000	-	600
CHRYSENE	400	-	< 2.49 U
DI-N-BUTYLPHTHALATE	8100	-	< 4.61 U
FLUORANTHENE	50000	-	< 4.24 U
INDENO(1,2,3-CD)PYRENE	3200	-	< 8.11 U
PHENANTHRENE	50000	-	< 8.11 U
PYRENE	50000	-	< 12.4 U
TOTAL	500000	500000	600
PCBs			
AROCLOR - 1254 (PCB-1254)	-	-	227
AROCLOR - 1260 (PCB-1260)	-	-	194
AROCLOR - 1262 (PCB-1262)	-	-	NA
AROCLOR - 1268 (PCB-1268)	-	-	NA
Total PCBs	10000	-	421
PESTICIDES			ND
HERBICIDES			ND
Metals	mg/Kg	mg/Kg	mg/Kg
ARSENIC	12	23	1.12
CADMIUM	1	-	12.1
CHROMIUM (TOTAL)	40	43	66
LEAD	500	1000	394
MERCURY	0.2	2	0.109
CYANIDE	-	-	0.815 J
ALUMINUM	33000	-	7050
BARIUM	600	700	141
BERYLLIUM	1.75	-	0.328
CALCIUM	35000	-	52200
COBALT	60	-	7.67
COPPER	50	250	265
IRON	550000	-	23200
MAGNESIUM	5000	-	5140
MANGANESE	5000	-	230
NICKEL	25	-	14.2
POTASSIUM	43000	-	1250
SILVER	-	-	1
SODIUM	8000	-	1010 J
VANADIUM	300	-	18.8
ZINC	50	300	2180
PAHs			
TEPH	-	-	NA
UNIDENTIFIED	-	-	NA
SOLIDS (%)	-	-	93.1

Notes:

ND = Not Detected.

NA = Not Analyzed.

TAGM exceedances are highlighted.

QUALIFIERS

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

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

O01 = Compound is a common laboratory contaminant.

TABLE 6E
BUILDING 3 FOUNDATION EXCAVATION
ENDPOINT SAMPLE RESULTS
FINAL ENGINEERING REPORT
ATLAS PARK - PARCEL B
GLENDAL, NY

12/28/2006

Location ID Sample ID Sample Date Unit	NYSDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVE	TRACK 4 SOIL CLEANUP OBJECTIVE CRITERIA	BUILDING 3 EP-B3F-1 1/25/2006 ug/kg	BUILDING 3 EP-B3F-2 1/25/2006 ug/kg	BUILDING 3 EP-B3F-3 1/25/2006 ug/kg	BUILDING 3 EP-B3F-4 1/25/2006 ug/kg	BUILDING 3 EP-B3F-5 1/25/2006 ug/kg
VOCs							
ACETONE	200	200	< 59.4 RV	< 60.3 RV	62.5 JV	87.2 JV	90.7 JV
CARBON DISULFIDE	2700	2700	< 0.6 U	< 0.6 U	< 0.6 U	1.5	1.3
DICHLOROMETHANE	100	100	16.3	16	16.1	12.9	10.7
ETHYLBENZENE	5500	5500	< 0.8 U	< 0.8 U	< 0.8 U	< 0.7 U	< 0.6 U
2-BUTANONE	300	300	< 4.8 U	< 4.9 U	< 4.8 U	< 4 U	< 3.7 U
O-XYLENE	NA	-	< 1.2 U	< 1.2 U	< 1.2 U	< 1 U	< 0.9 U
4-METHYL-2-PENTANONE	1000	1000	0.9	< 0.8 U	< 0.7 U	< 0.6 U	< 0.6 U
METHYLBENZENE	1500	1500	< 1.1 U	< 1.1 U	< 1.1 U	< 0.9 U	0.8
TETRACHLOROETHENE	1400	1400	4.5	15.1	7.3	3.3	3.4
TRICHLOROETHYLENE	700	700	< 0.7 U	7.8	0.9	0.8	< 0.6 U
XYLENE (TOTAL)	1200	1200	< 1.6 U	< 1.6 U	< 1.5 U	< 1.3 U	< 1.2 U
TOTAL	10000	10000	21.7	38.9	86.8	110.1	106.9
SVOCs							
DIMETHYL PHTHALATE	2000	-	< 5.49 U	< 5.81 U	< 5.81 U	< 5.79 U	< 5.69 U
DIBENZOFURAN	6200	-	< 2.36 U	< 2.5 U	< 2.5 U	< 2.49 U	< 2.45 U
DIBENZ(A,H)ANTHRACENE	14	-	20.1	< 3.31 U	< 3.31 U	< 3.3 U	14.3
CHRYSENE	400	-	95.7	70.8	< 2.94 U	99.3	80.3
BIS(2-ETHYLHEXYL)PHTHALATE	50000	-	< 37.4 U	< 39.6 U	< 39.6 U	< 39.5 U	< 38.8 U
DI-N-BUTYL PHTHALATE	8100	-	< 5.14 U	< 5.44 U	< 12.1 U	< 5.42 U	< 10.2 U
BENZYL BUTYL PHTHALATE	50000	-	< 22.4 U	< 23.8 U	< 23.7 U	< 23.7 U	< 23.2 U
BENZO(K)FLUORANTHENE	220	-	67.7	45.8	< 8.31 U	63.6	65.2
FLUORENE	50000	-	< 4.72 U	< 5 U	< 5 U	14.5	15.9
ANTHRACENE	50000	-	9.84	26.3	< 6.25 U	45.3	73.4
INDENO(1,2,3-CD)PYRENE	3200	-	42.5	35.4	< 9.56 U	31.6	29.8
NAPHTHALENE	13000	-	< 7.5 U	< 7.94 U	< 7.93 U	< 7.91 U	< 7.76 U
PHENANTHRENE	50000	-	11	50.8	< 9.66 U	130	143
FLUORANTHENE	50000	-	159	121	< 5 U	177	191
PYRENE	50000	-	141	104	< 14.6 U	152	155
2,4,5-TRICHLOROPHENOL	100	-	< 3.94 U	< 4.17 U	< 4.17 U	< 4.16 U	< 4.08 U
2,6-DINITROTOLUENE	1000	-	< 4.72 U	< 5 U	< 5 U	< 4.98 U	< 4.89 U
2-METHYLNAPHTHALENE	36400	-	< 4.31 U	< 4.56 U	< 4.56 U	< 4.55 U	< 4.46 U
2-NITROANILINE	430	-	< 2.36 U	< 2.5 U	< 2.5 U	< 2.49 U	< 2.45 U
BENZO(A)PYRENE	61	-	90.9	58.3	< 7.06 U	58.2	58.7
BENZO(G,H,I)PERYLENE	50000	-	39.4	37.5	< 5.81 U	32.4	33
4-NITROPHENOL	100	-	< 10.2 U	< 10.8 U	< 10.8 U	< 10.8 U	< 10.6 U
ACENAPHTHYLENE	41000	-	< 5.91 U	< 6.25 U	< 6.25 U	< 6.23 U	< 6.11 U
ACENAPHTHENE	50000	-	< 4.72 U	< 5 U	< 5 U	21.2	22.4
BENZO(A)ANTHRACENE	224	-	87.4	58.7	< 13.3 U	71.4	74.6
BENZO(B)FLUORANTHENE	220	-	69.8	68.3	< 27.5 U	54.4	59.5
TOTAL	500000	500000	854.34	674.9	12.1	950.9	1026.3
Pesticides							
DIELDRIN	44	-	< 0.271 U	< 0.278 U	< 0.256 U	< 0.262 U	< 0.273 U
GAMMA-CHLORDANE	540	-	< 0.676 U	< 0.696 U	< 0.64 U	< 0.655 U	< 0.682 U
CHLORDANE	540	-	< 0.998 U	< 1.03 U	< 0.944 U	< 0.967 U	< 1.01 U
ALPHA-CHLORDANE	540	-	< 0.272 U	< 0.28 U	< 0.257 U	< 0.263 U	< 0.274 U
4,4'-DDT	2100	-	< 0.382 U	< 0.393 U	< 0.361 U	< 0.37 U	< 0.385 U
4,4'-DDE	2100	-	< 0.415 U	< 0.426 U	< 0.392 U	< 0.402 U	< 0.418 U
4,4'-DDD	2900	-	< 0.417 U	< 0.429 U	< 0.395 U	< 0.404 U	< 0.421 U
PCBs							
AROCOR - 1260 (PCB-1260)	-	-	< 1.88 U	< 1.93 U	< 1.78 U	26 U	< 1.89 U
METALS							
ALUMINUM	33000	-	8930	9170	7180	4710	4830
ANTIMONY	-	-	0.793 JV	0.76 JV	0.754 JV	0.656 JV	0.788 JV
ARSENIC	12	23	1.89 JV	3.59 JV	2.23 JV	12.7 JV	2.05 JV
BARIUM	600	700	43.3 JV	65.2 JV	37.5 JV	25.1 JV	25.2 JV
BERYLLIUM	1.75	-	0.35	0.348	0.311	0.426	0.237
CADMIUM	1	-	0.271	0.488	0.282	< 0.028 U	0.242
CALCIUM	35000	-	NA	NA	NA	NA	NA
CHROMIUM (TOTAL)	40	43	13	14.8	23.7	11.4	10.1
COBALT	60	-	5.34	7.99	4.85	3.16	4.87
COPPER	50	250	13.1 JV	71.8 JV	22.6 JV	26.3 JV	15.4 JV
IRON	550000	-	11400 JV	13700 JV	10200 JV	11300 JV	9510 JV
LEAD	500	1000	11.9 JV	56.8 JV	63.1 JV	11.5 JV	4.42 JV
MAGNESIUM	5000	-	1920	2980	2890	28300	2440
MANGANESE	5000	-	268	297	242	212	242
NICKEL	25	-	9.62	11.7	11.9	5.6	8.11
POTASSIUM	43000	-	542 JV	632 JV	713 JV	812 JV	813 JV
SODIUM	8000	-	145 JV	205 JV	125 JV	139 JV	126 JV
VANADIUM	300	-	16.2	20.8	14.9	11.3	12.4
ZINC	50	300	27.5	191	46.9	43.2	28.6
SOLIDS (%)	-	-	89	87.5	86.3	88	89.8

NOTES:

NYSDEC RSCOs obtained from TAGM 4046.

TRACK 4 exceedances are in BOLD.

NA = Not Analyzed

ND = Not Determined

TAGM exceedances are highlighted

QUALIFIERS

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

D⁺ = Dilution Factor

J = Detected but below the Reporting Limit, indicates quantitative estimates

R = Data rejected during data validation.

V = Result is changed because of Data Validation

TABLE 6E
BUILDING 3 FOUNDATION EXCAVATION
ENDPOINT SAMPLE RESULTS
FINAL ENGINEERING REPORT
ATLAS PARK - PARCEL B
GLENDAL, NY

12/28/2006

Location ID Sample ID Sample Date Unit	NYSDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVE	TRACK 4 SOIL CLEANUP OBJECTIVE CRITERIA	BUILDING 3 EP-B3F-6 1/25/2006 ug/kg	BUILDING 3 EP-B3F-7 1/25/2006 ug/kg	BUILDING 3 EP-B3F-8 1/25/2006 ug/kg	BUILDING 3 EP-B3F-9 1/25/2006 ug/kg	BUILDING 3 EP-B3F-10 1/25/2006 ug/kg	BUILDING 3 EP-B3F-11 2/1/2006 ug/kg
VOCs								
ACETONE	200	200	149 JV	95.6 JV	122 JV	76.6 JV	110 JV	< 52 U
CARBON DISULFIDE	2700	2700	3.6	1.4	2.6	< 0.6 U	< 0.5 U	1.7
DICHLOROMETHANE	100	100	13.6	9.9	10.4	12.2	7.8	13.2
ETHYLBENZENE	5500	5500	< 0.7 U	< 0.6 U	< 0.6 U	< 0.7 U	< 0.6 U	< 0.7 U
2-BUTANONE	300	300	12.1	6.3	< 3.6 U	< 4.4 U	< 3.7 U	7.1
O-XYLENE	NA	-	< 1 U	< 0.9 U	< 1 U	< 1.1 U	< 0.9 U	< 1.1 U
4-METHYL-2-PENTANONE	1000	1000	0.6	< 0.6 U	< 0.6 U	< 0.7 U	< 0.6 U	1.2
METHYLBENZENE	1500	1500	0.9	< 0.8 U	2.4	< 1 U	< 0.8 U	< 0.9 U
TETRACHLOROETHENE	1400	1400	10.4	116	2.8	< 0.4 U	4.7	5.5
TRICHLOROETHYLENE	700	700	< 0.6 U	< 0.6 U	< 0.6 U	< 0.7 U	< 0.6 U	1.6
XYLENE (TOTAL)	1200	1200	< 1.3 U	< 1.2 U	2.3	< 1.4 U	< 1.2 U	< 1.4 U
TOTAL	10000	10000	190.2	229.2	144.1	88.8	122.5	30.3
SVOCs								
DIMETHYL PHTHALATE	2000	-	13.5	< 5.22 U	< 5 U	< 5.64 U	< 5.05 U	< 5.1 U
DIBENZOFURAN	6200	-	22.5	< 2.24 U	< 2.43 U	< 2.43 U	< 2.17 U	26
DIBENZO(A,H)ANTHRACENE	14	-	< 3.25 U	< 2.97 U	< 2.85 U	< 3.21 U	< 2.88 U	< 2.91 U
CHRYSENE	400	-	58	34.8	97.1	< 2.85 U	27.9	151
BIS(2-ETHYLHEXYL)PHTHALATE	50000	-	60.1	< 35.6 U	119	< 38.4 U	34.4 U	162
DI-N-BUTYL PHTHALATE	8100	-	13.9	< 4.88 U	10.4	< 5.28 U	< 4.72 U	54.1
BENZYL BUTYL PHTHALATE	50000	-	272	27.7	88.2	< 23 U	20.6 U	177
BENZO(K)FLUORANTHENE	220	-	35.5	19.5	66.3	< 8.06 U	21	99.5
FLUORENE	50000	-	19.6	10.1	38.7	< 4.85 U	< 4.34 U	53.4
ANTHRACENE	50000	-	29.4	31.4	74.6	< 6.06 U	22.8	94
INDENO(1,2,3-CD)PYRENE	3200	-	21.2	12.7	30.1	< 9.28 U	< 8.31 U	48.3
NAPHTHALENE	13000	-	11	< 7.13 U	22.2	< 7.7 U	< 6.9 U	< 6.97 U
PHENANTHRENE	50000	-	105	67.7	211	< 9.28 U	44.2	298
FLUORANTHENE	50000	-	116	82.3	196	< 4.85 U	54.7	286
PYRENE	50000	-	94.4	66.2	183	< 14.2 U	53.2	363
2,4,5-TRICHLOROPHENOL	100	-	15.1	< 3.74 U	< 3.59 U	< 4.04 U	< 3.62 U	< 3.66 U
2,6-DINITROTOLUENE	1000	-	< 4.9 U	< 4.49 U	19.7	< 4.85 U	< 4.34 U	< 4.39 U
2-METHYLNAPHTHALENE	36400	-	9.4	12	23.7	< 4.43 U	< 3.96 U	23.8
2-NITROANILINE	430	-	13.5	< 2.24 U	< 2.15 U	< 2.43 U	< 2.17 U	< 2.19 U
BENZO(A)PYRENE	61	-	45.3	26.6	67.4	< 6.85 U	15.6	113
BENZO(G,H,I)PERYLENE	50000	-	21.7	10.5	29	< 5.64 U	< 5.05 U	55.2
4-NITROPHENOL	100	-	34.3	< 9.71 U	< 9.3 U	< 10.5 U	< 9.39 U	< 9.49 U
ACENAPHTHYLENE	41000	-	9.8	< 5.61 U	< 5.38 U	< 6.06 U	< 5.43 U	< 5.49 U
ACENAPHTHENE	50000	-	23.3	19.8	55.9	< 4.85 U	12.3	62.6
BENZO(A)ANTHRACENE	224	-	52.3	32.2	90.3	< 12.9 U	21	162
BENZO(B)FLUORANTHENE	220	-	47.4	34.8	76	< 26.7 U	< 23.9 U	125
TOTAL	500000	500000	1144.2	488.3	1528.7	ND	272.7	2343.9
Pesticides								
DIELDRIN	44	-	< 0.244 U	< 0.239 U	5.55	< 0.249 U	< 0.216 U	< 0.241 U
GAMMA-CHLORDANE	540	-	< 0.61 U	< 0.597 U	< 0.567 U	< 0.623 U	< 0.54 U	< 0.601 U
CHLORDANE	540	-	< 0.9 U	< 0.881 U	< 0.837 U	< 0.92 U	< 0.797 U	< 0.888 U
ALPHA-CHLORDANE	540	-	< 0.245 U	< 0.24 U	< 0.228 U	< 0.251 U	< 0.217 U	< 0.242 U
4,4'-DDT	2100	-	< 0.344 U	< 0.337 U	< 0.32 U	< 0.352 U	< 0.305 U	< 0.34 U
4,4'-DDE	2100	-	< 0.374 U	< 0.366 U	< 0.348 U	< 0.382 U	< 0.331 U	< 0.369 U
4,4'-DDD	2900	-	< 0.376 U	< 0.368 U	< 0.35 U	< 0.384 U	< 0.333 U	< 0.371 U
PCBs								
AROCLOR - 1260 (PCB-1260)	-	-	< 1.69 U	< 1.66 U	67.6 U	< 1.73 U	< 1.5 U	< 1.67 U
METALS								
ALUMINUM	33000	-	6360	11400	6070	8110	4460	7880
ANTIMONY	-	-	0.876 JV	1.24 JV	0.748 JV	0.998 JV	0.526 JV	< 2.35 U
ARSENIC	12	23	3.11 JV	1.14 JV	1.98 JV	1.62 JV	1.15 JV	7.45
BARIUM	600	700	37.5 JV	13.1 JV	50.3 JV	36.2 JV	27.5 JV	36.9
BERYLLIUM	1.75	-	0.33	0.245	0.315	0.321	0.226	0.351
CADMIUM	1	-	0.249	0.146	0.346	0.306	0.198	0.106
CALCIUM	35000	-	NA	NA	NA	NA	NA	NA
CHROMIUM (TOTAL)	40	43	15.3	12.6	11.7	14.9	8.69	15.2
COBALT	60	-	4.75	2.56	5.41	5.74	3.72	4.06
COPPER	50	250	22.1 JV	10.1 JV	25.8 JV	16.1 JV	11.6 JV	22.6
IRON	550000	-	9670 JV	5340 JV	11000 JV	13400 JV	7490 JV	11400
LEAD	500	1000	4.85 JV	3.49 JV	22.3 JV	3.88 JV	2.23 JV	12.9
MAGNESIUM	5000	-	3630	26900	3010	2380	2200	10000
MANGANESE	5000	-	324	249	280	278	276	241
NICKEL	25	-	9.29	4.82	9.73	10.1	6.99	12.2
POTASSIUM	43000	-	1270 JV	466 JV	743 JV	711 JV	570 JV	871
SODIUM	8000	-	79.7 JV	38.1 JV	50.6 JV	46.8 JV	17.1 JV	174
VANADIUM	300	-	14.5	12	14.4	19.1	10.2	14.2
ZINC	50	300	26.3	22.9	71.6	22.6	15.5	36.4
SOLIDS (%)	-	-	86.8	90.3	94	87	94.5	90.3

NOTES:

NYSDEC RSCOs obtained from TAGM 4046.

TRACK 4 exceedances are in BOLD.

NA = Not Analyzed

ND = Not Determined

TAGM exceedances are highlighted

QUALIFIERS

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

D² = Dilution Factor

J = Detected but below the Reporting Limit

R = Data rejected during data validation.

V = Result is changed because of Data Validation

TABLE 6E
BUILDING 3 FOUNDATION EXCAVATION
ENDPOINT SAMPLE RESULTS
FINAL ENGINEERING REPORT
ATLAS PARK - PARCEL B
GLENDAL, NY

12/28/2006

Location ID Sample ID Sample Date Unit	NYSDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVE	TRACK 4 SOIL CLEANUP OBJECTIVE CRITERIA	BUILDING 3 EP-B3F-12 2/1/2006 ug/kg	BUILDING 3 EP-B3F-13 2/1/2006 ug/kg	BUILDING 3 EP-B3F-14 2/1/2006 ug/kg	BUILDING 3 EP-B3F-15 2/2/2006 ug/kg	BUILDING 3 EP-B3F-16 2/2/2006 ug/kg
VOCs							
ACETONE	200	200	< 51 U	< 43 U	< 47 U	472 U	378 U
CARBON DISULFIDE	2700	2700	1.4	< 0.4 U	< 0.5 U	< 0.4 U	< 0.4 U
DICHLOROMETHANE	100	100	10	7.2	9.9	7.6	9
ETHYLBENZENE	5500	5500	< 0.7 U	< 0.6 U	< 0.6 U	< 0.5 U	< 0.6 U
2-BUTANONE	300	300	5.5	< 3.5 U	5.6	4.2	< 3.3 U
O-XYLENE	NA	-	< 1 U	< 0.9 U	1 U	< 0.8 U	< 0.8 U
4-METHYL-2-PENTANONE	1000	1000	< 0.6 U	< 0.5 U	< 0.6 U	< 0.5 U	< 0.5 U
METHYLBENZENE	1500	1500	< 0.9 U	< 0.8 U	< 0.9 U	< 0.7 U	< 0.7 U
TETRACHLOROETHENE	1400	1400	0.7	< 0.3 U	1.4	4	3.3
TRICHLOROETHYLENE	700	700	< 0.6 U	< 0.5 U	< 0.6 U	< 0.5 U	< 0.5 U
XYLENE (TOTAL)	1200	1200	< 1.3 U	< 1.1 U	< 1.2 U	1 U	< 1.1 U
TOTAL	10000	10000	17.6	7.2	16.9	487.8	390.3
SVOCs							
DIMETHYL PHTHALATE	2000	-	< 5.12 U	< 4.98 U	< 5.05 U	< 4.94 U	< 4.91 U
DIBENZOFURAN	6200	-	< 2.2 U	< 2.14 U	< 2.17 U	< 2.12 U	< 2.11 U
DIBENZ(A,H)ANTHRACENE	14	-	< 2.92 U	< 2.84 U	< 2.88 U	4.25	< 2.8 U
CHRYSENE	400	-	< 2.59 U	< 2.52 U	28.3	70.1	5.28
BIS(2-ETHYLHEXYL)PHTHALATE	50000	-	< 34.9 U	< 34 U	< 34.4 U	< 33.7 U	< 33.5 U
DI-N-BUTYL PHTHALATE	8100	-	< 4.79 U	< 4.66 U	< 4.73 U	< 4.62 U	< 4.59 U
BENZYL BUTYL PHTHALATE	50000	-	< 20.9 U	< 20.4 U	< 20.6 U	< 20.2 U	< 20.1 U
BENZO(K)FLUORANTHENE	220	-	< 7.32 U	< 7.13 U	16.7	44.6	< 7.02 U
FLUORENE	50000	-	< 4.41 U	< 4.29 U	< 4.35 U	29	< 4.22 U
ANTHRACENE	50000	-	< 5.51 U	< 5.36 U	17.7	71.1	< 5.28 U
INDENO(1,2,3-CD)PYRENE	3200	-	< 8.43 U	< 8.2 U	< 8.31 U	24.1	< 8.08 U
NAPHTHALENE	13000	-	< 6.99 U	< 6.8 U	< 6.9 U	< 6.74 U	< 6.71 U
PHENANTHRENE	50000	-	< 8.43 U	< 8.2 U	66.7	160	< 8.08 U
FLUORANTHENE	50000	-	< 4.41 U	< 4.29 U	60.1	175	< 4.22 U
PYRENE	50000	-	< 12.9 U	< 12.5 U	52.9	130	< 12.4 U
2,4,6-TRICHLOROPHENOL	100	-	< 3.67 U	< 3.57 U	< 3.62 U	< 3.54 U	< 3.52 U
2,6-DINITROTOLUENE	1000	-	< 4.41 U	< 4.29 U	< 4.35 U	< 4.25 U	< 4.22 U
2-METHYLNAPHTHALENE	36400	-	< 4.02 U	< 3.91 U	< 3.97 U	< 3.88 U	< 3.85 U
2-NITROANILINE	430	-	< 2.2 U	< 2.14 U	< 2.17 U	< 2.12 U	< 2.11 U
BENZO(A)PYRENE	61	-	< 6.22 U	< 6.05 U	20.6	47.4	< 5.97 U
BENZO(G,H,I)PERYLENE	50000	-	< 5.12 U	< 4.98 U	< 5.05 U	26.9	< 4.91 U
4-NITROPHENOL	100	-	< 9.53 U	< 9.27 U	< 9.4 U	< 9.18 U	< 9.14 U
ACENAPHTHYLENE	41000	-	< 5.51 U	< 5.36 U	< 5.43 U	< 5.31 U	< 5.28 U
ACENAPHTHENE	50000	-	< 4.41 U	< 4.29 U	14.5	28	< 4.22 U
BENZO(A)ANTHRACENE	224	-	< 11.7 U	< 11.4 U	32.2	73.3	< 11.2 U
BENZO(B)FLUORANTHENE	220	-	< 24.2 U	< 23.6 U	< 23.9 U	47.4	< 23.2 U
TOTAL	500000	500000	ND	ND	309.7	931.15	5.28
Pesticides							
DIELDRIN	44	-	< 0.235 U	< 0.232 U	< 0.224 U	< 0.08 U	< 0.08 U
GAMMA-CHLORDANE	540	-	< 0.588 U	< 0.579 U	< 0.559 U	< 0.2 U	< 0.2 U
CHLORDANE	540	-	< 0.867 U	< 0.855 U	< 0.826 U	< 0.295 U	< 0.295 U
ALPHA-CHLORDANE	540	-	< 0.236 U	< 0.233 U	< 0.225 U	< 0.08 U	< 0.08 U
4,4'-DDT	2100	-	< 0.332 U	< 0.327 U	< 0.316 U	< 0.113 U	< 0.113 U
4,4'-DDE	2100	-	< 0.36 U	< 0.355 U	< 0.343 U	< 0.122 U	< 0.122 U
4,4'-DDD	2900	-	< 0.362 U	< 0.357 U	< 0.345 U	< 0.123 U	< 0.123 U
PCBs							
AROCLOR - 1260 (PCB-1260)	-	-	< 1.63 U	< 1.61 U	< 1.55 U	< 1.64 U	< 1.53 U
METALS							
ALUMINUM	33000	-	6950	5000	7910	4260	5290
ANTIMONY	-	-	< 2.33 U	< 2.47 U	< 2.36 U	0.353	0.802
ARSENIC	12	23	1.09	0.949	0.693	1.21	1.42
BARIUM	600	700	33	26.9	28	36	29.9
BERYLLIUM	1.75	-	0.233	0.174	0.208	0.334	0.314
CADMIUM	1	-	0.178	0.155	0.19	0.261	0.283
CALCIUM	35000	-	NA	NA	NA	1040	1140
CHROMIUM (TOTAL)	40	43	14	9.97	11.5	15.1	14.3
COBALT	60	-	4.79	3.82	3.82	4.97	4.78
COPPER	50	250	16.1	14.6	14.6	13.7	17.3
IRON	550000	-	10100	8340	9260	8840	10100
LEAD	500	1000	4.01	2.92	2.38	5.02	3.37
MAGNESIUM	5000	-	2510	2390	8100	2940	2650
MANGANESE	5000	-	291	225	270	273	256
NICKEL	25	-	10.2	10	9.62	9.49	9.66
POTASSIUM	43000	-	849	743	674	550	665
SODIUM	8000	-	89.9	180	113	139	74.4
VANADIUM	300	-	14.3	11.5	13.5	12.9	14.8
ZINC	50	300	21.1	16.5	17.8	17.9	23.1
SOLIDS (%)	-	-	91.6	94	93.4	92.8	94.1

NOTES:

NYSDEC RSCOs obtained from TAGM 4046.

TRACK 4 exceedances are in BOLD.

NA = Not Analyzed

ND = Not Determined

TAGM exceedances are highlighted.

QUALIFIERS

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

D* = Dilution Factor

J = Detected but below the Reporting Limit, indicates quantitative estimates

R = Data rejected during data validation.

V = Result is changed because of Data Validation

TABLE 6E
BUILDING 3 FOUNDATION EXCAVATION
ENDPOINT SAMPLE RESULTS
FINAL ENGINEERING REPORT
ATLAS PARK - PARCEL B
GLENDAL, NY

12/28/2006

Location ID Sample ID Sample Date Unit	NYSDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVE	TRACK 4 SOIL CLEANUP OBJECTIVE CRITERIA	BUILDING 3 EP-B3F-17 2/6/2006 ug/kg	BUILDING 3 EP-B3F-18 2/7/2006 ug/kg	BUILDING 3 EP-B3F-19 2/7/2006 ug/kg	BUILDING 3 EP-B3F-20 2/7/2006 ug/kg	BUILDING 3 EP-B3F-21 2/7/2006 ug/kg
VOCs							
ACETONE	200	200	77.4	< 50.3 U	< 46 U	< 51.3 U	< 50.9 U
CARBON DISULFIDE	2700	2700	2	5.3	< 0.5 U	4.2	< 0.5 U
DICHLOROMETHANE	100	100	6.1	22.9	17.7	18.3	18.2
ETHYLBENZENE	5500	5500	< 0.7 U	1	< 0.6 U	< 0.7 U	< 0.7 U
2-BUTANONE	300	300	8.8	7.5	4.9	8.6	7.5
O-XYLENE	NA	-	< 1 U	2.3	< 0.9 U	< 1.1 U	< 1 U
4-METHYL-2-PENTANONE	1000	1000	< 0.6 U	< 0.6 U	< 0.6 U	< 0.6 U	< 0.6 U
METHYLBENZENE	1500	1500	1.4	1.3	< 0.8 U	< 0.9 U	< 0.9 U
TETRACHLOROETHENE	1400	1400	1.2	4.1	2.8	26.9	< 0.3 U
TRICHLOROETHYLENE	700	700	< 0.6 U	< 0.6 U	< 0.6 U	1.1	< 0.6 U
XYLENE (TOTAL)	1200	1200	< 1.3 U	3.5	< 1.2 U	< 1.3 U	< 1.3 U
TOTAL	10000	10000	94.9	47.9	25.4	59.1	25.7
SVOCs							
DIMETHYL PHTHALATE	2000	-	< 5.09 U	< 5.09 U	< 4.92 U	< 5.06 U	< 5.04 U
DIBENZOFURAN	6200	-	< 2.19 U	< 2.19 U	< 2.12 U	< 46.8 U	< 2.17 U
DIBENZO(A,H)ANTHRACENE	14	-	< 2.9 U	< 2.9 U	< 2.8 U	< 2.89 U	< 2.87 U
CHRYSENE	400	-	120	92.3	37.4	127	18.4
BIS(2-ETHYLHEXYL)PHTHALATE	50000	-	195	313	64.5	35.6	< 34.4 U
DI-N-BUTYL PHTHALATE	8100	-	< 4.76 U	< 4.76 U	< 4.6 U	< 4.74 U	< 4.72 U
BENZYL BUTYL PHTHALATE	50000	-	72.2	42	66.6	< 20.7 U	< 20.6 U
BENZO(K)FLUORANTHENE	220	-	54.7	63.8	20.4	88.6	< 7.21 U
FLUORENE	50000	-	73.6	32.5	< 4.23 U	52.6	< 4.34 U
ANTHRACENE	50000	-	99.5	46.3	31	93.7	< 5.42 U
INDENO(1,2,3-CD)PYRENE	3200	-	43	32.5	< 8.09 U	47.2	< 8.29 U
NAPHTHALENE	13000	-	< 6.94 U	< 6.95 U	< 6.72 U	< 6.92 U	< 6.88 U
PHENANTHRENE	50000	-	300	158	73.3	302	25.7
FLUORANTHENE	50000	-	277	204	91.3	325	38.3
PYRENE	50000	-	249	163	62.8	238	28.6
2,4,5-TRICHLOROPHENOL	100	-	< 3.65 U	< 3.65 U	< 3.53 U	< 3.63 U	< 3.62 U
2,6-DINITROTOLUENE	1000	-	< 4.37 U	< 4.38 U	< 4.23 U	< 4.36 U	< 4.34 U
2-METHYLNAPHTHALENE	36400	-	51	4	< 3.86 U	29.4	< 3.96 U
2-NITROANILINE	430	-	< 2.19 U	< 2.19 U	< 2.12 U	< 2.18 U	< 2.17 U
BENZO(A)PYRENE	61	-	87.1	66	21.5	92.9	< 6.13 U
BENZO(G,H,I)PERYLENE	50000	-	49.9	42	14.1	50.8	< 5.04 U
4-NITROPHENOL	100	-	< 9.46 U	< 9.47 U	< 9.15 U	< 9.42 U	< 9.38 U
ACENAPHTHYLENE	41000	-	< 5.47 U	< 5.47 U	< 5.29 U	< 5.45 U	< 5.42 U
ACENAPHTHENE	50000	-	53.2	34.7	19	66.4	< 4.34 U
BENZO(A)ANTHRACENE	224	-	110	81	35.6	134	16.6
BENZO(B)FLUORANTHENE	220	-	114	75.5	29.6	98	< 23.9 U
TOTAL	500000	500000	1949.2	1446.6	567.1	1828	127.6
Pesticides							
DIELDRIN	44	-	3.53	< 0.081 U	< 0.081 U	< 0.083 U	< 0.082 U
GAMMA-CHLORDANE	540	-	12.2	< 0.204 U	< 0.201 U	< 0.206 U	< 0.206 U
CHLORDANE	540	-	60	< 0.301 U	< 0.297 U	< 0.305 U	< 0.304 U
ALPHA-CHLORDANE	540	-	10.8	< 0.082 U	< 0.081 U	< 0.083 U	< 0.083 U
4,4'-DDT	2100	-	5.84	< 0.115 U	< 0.114 U	< 0.117 U	< 0.116 U
4,4'-DDE	2100	-	0.161	< 0.125 U	< 0.123 U	< 0.127 U	< 0.126 U
4,4'-DDD	2900	-	2.52	< 0.126 U	< 0.124 U	< 0.127 U	< 0.127 U
PCBs							
AROCLOR - 1260 (PCB-1260)	-	-	19.3 U	< 1.63 U	< 1.51 U	< 1.61 U	< 1.56 U
METALS							
ALUMINUM	33000	-	4690	6310	4180	6250	5000
ANTIMONY	-	-	0.586	0.841	0.722	0.894	0.769
ARSENIC	12	23	1.66	2.2	1.03	2.36	0.96
BARIUM	600	700	30.2	41.8	32.1	38.1	40.4
BERYLLIUM	1.75	-	0.286	0.314	0.28	0.329	0.302
CADMIUM	1	-	0.169	0.204	0.187	0.116	0.191
CALCIUM	35000	-	16500	9460	666	19900	527
CHROMIUM (TOTAL)	40	43	11.2	12.3	10.8	13.2	10.9
COBALT	60	-	3.99	4.74	4.17	4.91	4.71
COPPER	50	250	18.3	19.7	11.6	16.8	15.2
IRON	550000	-	9420	11000	8540	12300	8840
LEAD	500	1000	4.33	14.4	2.85	8.23	3.38
MAGNESIUM	5000	-	10200	4040	1950	2100	2060
MANGANESE	5000	-	317	271	302	265	344
NICKEL	25	-	8.71	9.95	7.57	9.29	7.98
POTASSIUM	43000	-	801	785	526	899	946
SODIUM	8000	-	130	249	67.6	135	71.1
VANADIUM	300	-	13.2	14.4	12.6	15.1	14
ZINC	50	300	21.2	51.3	15.5	33.5	19.3
SOLIDS (%)	-	-	92.3	91.4	93.6	90.7	91.7

NOTES:

NYSDEC RSCOs obtained from TAGM 4046.

TRACK 4 exceedances are in BOLD.

NA = Not Analyzed

ND = Not Determined

TAGM exceedances are highlighted.

QUALIFIERS

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

D² = Dilution Factor

J = Detected but below the Reporting Limit, indicates quantitative estimates

R = Data rejected during data validation.

V = Result is changed because of Data Validation

TABLE 6F
AOC: BUILDING 7 PROCESS TANKS AND VAULTS
ENDPOINT SAMPLE RESULTS
FINAL ENGINEERING REPORT
ATLAS PARK- PARCEL B
GLENDAL, NY

Location ID Sample ID Sample Date Unit	NYSDEC TAGM Recommended Soil Cleanup Criteria mg/Kg	TRACK 4 SOIL CLEANUP OBJECTIVE CRITERIA	Tank T1 BLDG28-T1A- 4/14/2005 mg/Kg	Tank T1 BLDG28-T1B- 4/14/2005 mg/Kg	Tank T1 BLDG28-T1C- 4/14/2005 mg/Kg	Tank T1 BLDG28-T1D- 4/14/2005 mg/Kg	Tank T1 BLDG28-T1E- 4/14/2005 mg/Kg
METALS							
ARSENIC	12	23	< 9.89 U	4.07	2.43	9.12	4.17
BARIUM	600	700	29.4	107	36	155	81.5
CHROMIUM (TOTAL)	40	43	7.86	13.6	8.65	14.4	15.4
COPPER	50	250	15.1	53	18.2	73.4	48.7
NICKEL	25	-	10.1	19.4	11.9	14.7	15.3
SELENIUM	3.9	-	< 19.8 U	< 16.7 U	< 20.5 U	< 16.1 U	< 20.8 U
VANADIUM	300	-	11.7	52	13	24.3	19.9
ZINC	50	300	23.6	86.7	26.6	111	71.4
MOISTURE (%)	-	-	5.5	8	7.1	9.2	7.5
Total Solids (%)	-	-	94.5	92	92.9	90.8	92.5

NOTES:

NYSDEC RSCOs obtained from TAGM 4046.

TRACK 4 exceedances are highlighted in BOLD.

TAGM exceedances are highlighted.

QUALIFIERS

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

TABLE 6F
AOC: BUILDING 7 PROCESS TANKS AND VAULTS
ENDPOINT SAMPLE RESULTS
FINAL ENGINEERING REPORT
ATLAS PARK- PARCEL B
GLENDAL, NY

12/28/2006

Location ID Sample ID Sample Date Unit	NYSDEC TAGM Recommended Soil Cleanup Criteria mg/Kg	TRACK 4 SOIL CLEANUP OBJECTIVE CRITERIA	Tank T2 BLDG28-T2A- 4/14/2005 mg/Kg	Tank T2 BLDG28-T2B- 4/14/2005 mg/Kg	Tank T2 BLDG28-T2C- 4/14/2005 mg/Kg	Tank T2 BLDG28-T2D- 4/14/2005 mg/Kg	Tank T2 BLDG28-T2E- 4/14/2005 mg/Kg
METALS							
ARSENIC	12	23	3.2	4.65	2.71	3.52	5.15
BARIUM	600	700	75.6	96.3	69.9	72.5	127
CHROMIUM (TOTAL)	40	43	10.3	11.5	9.94	14.4	13.1
COPPER	50	250	38.3	50.4	25.9	36.8	55.2
NICKEL	25	-	12.5	15.2	11.5	16	18
SELENIUM	3.9	-	< 19.2	16.4	U	18.6	U
VANADIUM	300	-	16	17.9	14.7	19.1	21.9
ZINC	50	300	57.3	76.5	37	67.2	77.5
MOISTURE (%)							
Total Solids (%)	-	-	5.3	4.2	2.2	3.1	4.1
	-	-	94.7	95.8	97.8	96.9	95.9

NOTES:

NYSDEC RSCOs obtained from TAGM 4046.

TRACK 4 exceedances are highlighted in BOLD.

TAGM exceedances are highlighted.

QUALIFIERS

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

TABLE 6F
AOC: BUILDING 7 PROCESS TANKS AND VAULTS
ENDPOINT SAMPLE RESULTS
FINAL ENGINEERING REPORT
ATLAS PARK- PARCEL B
GLENDALF, NY

Location ID Sample ID Sample Date Unit	NYSDEC TAGM Recommended Soil Cleanup Criteria mg/Kg	TRACK 4 SOIL CLEANUP OBJECTIVE CRITERIA	Tank T3 BLDG28-T3A- 4/14/2005 mg/Kg	Tank T3 BLDG28-T3B- 4/14/2005 mg/Kg	Tank T3 BLDG28-T3C- 4/14/2005 mg/Kg	Tank T3 BLDG28-T3D- 4/14/2005 mg/Kg	Tank T3 BLDG28-T3E- 4/14/2005 mg/Kg
METALS							
ARSENIC	12	23	3.94	< 11.9 U	2.91	4.25	4.29
BARIUM	600	700	81.2	48.1	60	99.7	75.8
CHROMIUM (TOTAL)	40	43	21.4	10.8	10.3	11.5	10
COPPER	50	250	33.3	24.3	32.1	49	39.1
NICKEL	25	-	16.4	13.4	12.5	12.5	11.8
SELENIUM	3.9	-	< 17.8 U	23.9 U	< 16.6 U	< 17.8 U	< 17.9 U
VANADIUM	300	-	27.3	13.9	14.1	18	14.5
ZINC	50	300	79.4	45.1	58.7	76.8	69.8
MOISTURE (%)	-	-	7.9	21	19.3	18	20.3
Total Solids (%)	-	-	92.1	79	80.7	82	79.7

NOTES:

NYSDEC RSCOs obtained from TAGM 4046.

TRACK 4 exceedances are highlighted in BOLD.

TAGM exceedances are highlighted.

QUALIFIERS

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

TABLE 6F
AOC: BUILDING 7 PROCESS TANKS AND VAULTS
ENDPOINT SAMPLE RESULTS
FINAL ENGINEERING REPORT
ATLAS PARK- PARCEL B
GLENDAL, NY

12/28/2006

Location ID Sample ID Sample Date Unit	NYSDEC TAGM Recommended Soil Cleanup Criteria mg/Kg	TRACK 4 SOIL CLEANUP OBJECTIVE CRITERIA	Tank T4 BLDG28-T4A- 4/14/2005 mg/Kg	Tank T4 BLDG28-T4B- 4/14/2005 mg/Kg	Tank T4 BLDG28-T4C- 4/14/2005 mg/Kg	Tank T4 BLDG28-T4D- 4/14/2005 mg/Kg	Tank T4 BLDG28-T4E- 4/14/2005 mg/Kg
METALS							
ARSENIC	12	23	14.1	5.33	7.67	21	11.7
BARIUM	600	700	326	91	207	237	248
CHROMIUM (TOTAL)	40	43	21.7	10.9	17.4	19.8	18.5
COPPER	50	250	143	27.1	74.2	148	120
NICKEL	25	-	19.5	14.7	23.5	19	17.8
SELENIUM	3.9	-	< 16.5	U < 21.6	U < 19.6	U < 19.6	U < 20.5
VANADIUM	300	-	40.7	15.2	27.5	59.9	40.1
ZINC	50	300	221	62.6	185	238	231
MOISTURE (%)							
Total Solids (%)	-	-	19.3	19.4	21.4	22.6	10.4
	-	-	80.7	80.6	78.6	77.4	89.6

NOTES:

NYSDEC RSCOs obtained from TAGM 4046.

TRACK 4 exceedances are highlighted in BOLD.

TAGM exceedances are highlighted.

QUALIFIERS

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

TABLE 6F
AOC: BUILDING 7 PROCESS TANKS AND VAULTS
ENDPOINT SAMPLE RESULTS
FINAL ENGINEERING REPORT
ATLAS PARK- PARCEL B
GLENDAL, NY

12/28/2006

Location ID Sample Date Sample Unit	NYSDEC TAGM Recommended Soil Cleanup Criteria mg/Kg	TRACK 4 SOIL CLEANUP OBJECTIVE CRITERIA	Tank T5 BLDG28-T5A- 4/14/2005 mg/Kg	Tank T5 BLDG28-T5B- 4/14/2005 mg/Kg	Tank T5 BLDG28-T5C- 4/14/2005 mg/Kg	Tank T5 BLDG28-T5D- 4/14/2005 mg/Kg	Tank T5 BLDG28-T5E- 4/14/2005 mg/Kg
METALS							
ARSENIC	12	23	6.33	< 9.61	5.59	11.9	8.13
BARIUM	600	700	104	23	130	375	167
CHROMIUM (TOTAL)	40	43	10.8	5.66	11.6	19.7	14.9
COPPER	50	250	47	5.94	49.2	147	73.4
NICKEL	25	-	13.8	10.9	14.7	18.2	15.3
SELENIUM	3.9	-	< 18.5	19.2	15.4	< 18.3	20.8
VANADIUM	300	-	17.1	6.71	21.7	42.9	27.2
ZINC	50	300	78.2	10.5	111	214	146
MOISTURE (%)							
Total Solids (%)	-	-	3.5	7.9	6.6	19.6	19.3
	-	-	96.5	92.1	93.4	80.4	80.7

NOTES:

NYSDEC RSCOs obtained from TAGM 4046.

TRACK 4 exceedances are highlighted in BOLD.

TAGM exceedances are highlighted.

QUALIFIERS

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

TABLE 6F
AOC: BUILDING 7 PROCESS TANKS AND VAULTS
ENDPOINT SAMPLE RESULTS
FINAL ENGINEERING REPORT
ATLAS PARK - PARCEL B
GLENDAL, NY

Location ID Sample ID Sample Date	NYSDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVE	TRACK 4 SOIL CLENU OBJECTIVE CRITERIA	VAULT INVERT BLDG28-GP1A-031805 3/18/2005	VAULT INVERT BLDG28-GP2A-031805 3/18/2005	VAULT INVERT BLDG28-GP3A-031805 3/18/2005	VAULT INVERT BLDG28-GP4A-031805 3/18/2005	VAULT INVERT BLDG28-GP5A-031805 3/18/2005
METALS	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
ARSENIC	12	23	32	7.8	8.1	15.4	8.2
BARIUM	600	700	102	114	373	258	146
CHROMIUM	40	43	20.1	6.5	22.4	42	20.1
COPPER	50	250	75.7	63.3	131	227	95.7
NICKEL	25	-	12.8	9.8	14.4	30.9	16.1
SELENIUM	3.9	-	<	1.9	<	2.3	<
SODIUM	8000	-	NA	NA	NA	NA	NA
VANADIUM	300	-	20.8	14.2	18.4	47.7	27.2
ZINC	50	300	287	983	356	1250	152
Moisture (%)	-	-	13.2	8.5	15.9	22.6	13.5
Total Solids (%)	-	-	86.8	91.5	84.1	77.4	86.5

NOTES:

NYSDEC RSCOs from TAGM 4046.

TRACK 4 exceedances are in BOLD.

TAGM exceedances are highlighted.

QUALIFIERS:

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

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

X = LCS, LCD, MID: Batch QC exceeds the upper or lower control limits.

N = NS, MSD: Spike recovery exceeds the upper or lower control limits.

TABLE 6G
AOC: BUILDING 7 LEAD AND VOC HOT SPOT DELINEATION
ENDPOINT SAMPLE RESULTS
FINAL ENGINEERING REPORT
ATLAS PARK - PARCEL B
GLENDAL, NY

Location ID Sample ID Sample Depth (feet bgs) Sample Date	NYSDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVE	TRACK 4 SOIL CLEANUP OBJECTIVE CRITERIA	Building 7 B7-1-9.5-10-110805 (2) 9.5-10 11/8/2005	Building 7 B7-5-14-14.5-110805 14-14.5 11/8/2005	Building 7 B7-5-14-14.5-110805 14-14.5 11/8/2005	Building 7 B7-5-14-14.5-110805 14-14.5 11/8/2005
VOCs	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
1,1,1-TRICHLOROETHANE	800	800	NA	NA	U	8.7
1,1,2,2-TETRACHLOROETHANE	600	600	NA	NA	U	11.5
1,1-DICHLOROETHANE	200	200	NA	NA	U	5.1
1,1-DICHLOROETHYLENE	400	400	NA	NA	U	5.8
1,2,3-TRICHLOROPROPANE	400	400	NA	NA	U	7.2
1,2,4-TRICHLOROBENZENE	3400	3400	NA	NA	U	5.8
1,2-DICHLOROBENZENE	7900	7900	NA	NA	U	16.6
1,2-DICHLOROETHANE	100	100	NA	NA	U	6.5
1,3-DICHLOROPROPANE	300	300	NA	NA	U	6.5
1,4-DICHLOROBENZENE	8500	8500	NA	NA	U	10.1
2-BUTANONE (METHYL ETHYL KETONE)	300	300	NA	NA	U	51.2
4-METHYL-2-PENTANONE	1000	1000	NA	NA	U	7.9
ACETONE	200	200	NA	NA	U	633
BENZENE	60	60	NA	NA	U	7.9
CARBON DISULFIDE	2700	2700	NA	NA	U	6.5
CARBON TETRACHLORIDE	600	600	NA	NA	U	7.2
CHLORINATED FLUOROCARBON (FREON 113)	6000	6000	NA	NA	U	29.6
CHLOROBENZENE	1700	1700	NA	NA	U	9.4
CHLORODIBROMOMETHANE	-	-	NA	NA	U	10.8
CHLOROETHANE	1900	1900	NA	NA	U	15.9
CHLOROFORM	300	300	NA	NA	U	49.8
DICHLOROMETHANE	100	100	NA	NA	U	34.6
ETHYLBENZENE	5500	5500	NA	NA	U	8.7
M-DICHLOROBENZENE	1600	1600	NA	NA	U	7.2
METHYLBENZENE	1500	1500	NA	NA	U	11.5
O-XYLENE	-	-	NA	NA	U	13
TETRACHLOROETHENE	1400	1400	NA	NA	U	57.7
TRANS-1,2-DICHLOROETHENE	300	300	NA	NA	U	7.2
TRICHLOROETHYLENE	700	700	NA	NA	U	7.9
VINYL CHLORIDE	200	200	NA	NA	U	8.7
XYLENE (TOTAL)	1200	1200	NA	NA	U	16.6
TOTAL	10000	10000	NA	NA	16.4	107.5
LEAD (mg/kg)	500	1000	1230	D⁵	4.69	86.5
Total Solids (%)			85.4		91.9	79.7

Notes:
 NYSDEC RSCOs obtained from TAGM 4046.
 NA = Not Analyzed.

TRACK 4 exceedances are in BOLD.

QUALIFIERS
 U = Analyte was not detected at or above the reporting limit.
 ORGANICS: (PCBS, Pesticides, and Herbicides)
 J = Result is an estimated value below the reporting limit
 or a tentatively identified compound (TIC).
 V = Result is changed because of Data Validation.
 R = Validator Respected Data
 DF = Dilution Factor

TABLE 6G
AOC: BUILDING 7 LEAD AND VOC HOT SPOT DELINEATION
ENDPOINT SAMPLE RESULTS
FINAL ENGINEERING REPORT
ATLAS PARK - PARCEL B
GLENDAL, NY

12/28/2006

Location ID Sample ID Sample Depth (feet bgs) Sample Date	NYSDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVE	TRACK 4 SOIL CLEANUP OBJECTIVE CRITERIA	Building 7 B7-5S-3.5-4-110805 3.5-4 11/8/2005	Building 7 B7-5E-9.5-110905 9-9.5 11/9/2005	Building 7 B7-5N-9.5-110905 9-9.5 11/9/2005	Building 7 B7-1N-9.5-10-110905 9.5-10 11/9/2005	Building 7 B7-1S-11-11.5-110905 11-11.5 11/9/2005
VOCs	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
1,1,1-TRICHLOROETHANE	800	800	U	34.4	7.6	U	9.8
1,1,2,2-TETRACHLOROETHANE	600	600	U	<	10.2	U	<
1,1-DICHLOROETHANE	200	200	U	4.5	4.5	U	13.1
1,1-DICHLOROETHYLENE	400	400	U	5.1	5.1	U	5.7
1,2,3-TRICHLOROPROPANE	400	400	U	6.4	6.4	U	6.5
1,2,4-TRICHLOROBENZENE	3400	3400	U	5.1	5.1	U	8.2
1,2-DICHLOROBENZENE	7900	7900	U	14.7	5.1	U	6.5
1,2-DICHLOROETHANE	100	100	U	6.7	14.6	U	18.8
1,3-DICHLOROPROPANE	300	300	U	5.7	5.7	U	7.4
1,4-DICHLOROBENZENE	8500	8500	U	8.9	5.7	U	7.4
2-BUTANONE (METHYL ETHYL KETONE)	300	300	JV	45.3	8.9	U	11.5
4-METHYL-2-PENTANONE	1000	1000	<	7	45.2	U	58.1
ACETONE	200	200	254 JVOC6V	704	7	RV	9
BENZENE	60	60	0.9	7	558	RV	717
CARBON DISULFIDE	2700	2700	0.7	5.7	7	U	9
CARBON TETRACHLORIDE	600	600	0.5	5460	6.4	U	7.4
CHLORINATED FLUOROCARBON (FREON 113)	6000	6000	U	26.2	26.1	U	8.2
CHLOROBENZENE	1700	1700	U	8.3	8.3	U	33.5
CHLORODIBROMOMETHANE	-	-	U	9.6	9.5	U	10.6
CHLOROETHANE	1900	1900	U	14	14	U	12.3
CHLOROFORM	300	300	121 D ⁶⁰	19300	43.3	U	18
DICHLOROMETHANE	100	100	2.3 VOC3	34.4	53.5	U	274
ETHYLBENZENE	5500	5500	U	7.7	7.6	U	39.3
M-DICHLOROBENZENE	1600	1600	U	6.4	6.4	U	9.8
METHYLBENZENE	1500	1500	U	10.2	10.2	U	8.2
O-XYLENE	-	-	U	11.5	11.5	U	13.1
TETRACHLOROETHENE	1400	1400	U	374	86.6	U	14.7
TRANS-1,2-DICHLOROETHENE	300	300	U	6.4	6.4	U	4.9
TRICHLOROETHYLENE	700	700	U	1970	7.7	U	8.2
VINYL CHLORIDE	200	200	U	<	7.6	U	9
XYLENE (TOTAL)	1200	1200	U	40.2	14.6	U	9.8
TOTAL	10000	10000	397.2	27317	183.4	483.1	274
LEAD (mg/kg)	500	1000	55.4	601	77.4	183	308
Total Solids (%)	-	-	80.8	84.3	83.6	80.4	76.6

Notes:
 NYSDEC RSCOs obtained from TAGM 4046.
 NA = Not Analyzed.
 TRACK 4 exceedances are in BOLD.
 RSCOs are in BOLD.
 QUALIFIERS
 U = Analyte was not detected at or above the reporting limit.
 ORGANICS: (PCBS, Pesticides, and Herbicides)
 J = Result is an estimated value below the reporting limit
 or a tentatively identified compound (TIC).
 V = Result is changed because of Data Validation.
 R = Validator Rejected Data
 D# = Dilution Factor

TABLE 6G
AOC: BUILDING 7 LEAD AND VOC HOT SPOT DELINEATION
ENDPOINT SAMPLE RESULTS
FINAL ENGINEERING REPORT
ATLAS PARK - PARCEL B
GLENDALE, NY

Location ID Sample ID Sample Depth (feet bgs) Sample Date	NYSDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVE	TRACK 4 SOIL CLEANUP OBJECTIVE CRITERIA	Building 7 B7-SE-19-21-022306 19-21 2/23/2006	Building 7 B7-SE-26-28-022306 26-28 2/23/2006	Building 7 B7-SE-11-13-022306 11-13 2/23/2006	Building 7 B7-SE-15-17-022306 15-17 2/23/2006
VOCs	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
1,1,1-TRICHLOROETHANE	800	< 0.6	U	< 0.5	< 0.9	< 0.8
1,1,2,2-TETRACHLOROETHANE	600	< 0.7	U	< 0.7	< 1.2	< 1
1,1-DICHLOROETHANE	200	< 0.3	U	< 0.3	< 0.5	< 0.4
1,1-DICHLOROETHYLENE	400	< 0.4	U	< 0.4	< 0.6	< 0.5
1,2,3-TRICHLOROPROPANE	400	< 0.5	U	< 0.4	< 0.8	< 0.6
1,2,4-TRICHLOROBENZENE	3400	< 0.4	U	< 0.4	< 0.6	< 0.5
1,2-DICHLOROBENZENE	7900	< 1.1	U	< 1	< 1.8	< 1.4
1,2-DICHLOROETHANE	100	< 0.4	U	< 0.4	< 0.7	< 0.6
1,3-DICHLOROPROPANE	300	< 0.4	U	< 0.4	< 0.7	< 0.6
1,4-DICHLOROBENZENE	8500	< 0.7	U	< 0.6	< 1.1	< 0.9
2-BUTANONE (METHYL ETHYL KETONE)	300	< 3.3	U	< 3.2	< 5.5	< 4.5
4-METHYL-2-PENTANONE	1000	< 0.5	U	< 0.5	< 0.9	< 0.7
ACETONE	200	< 40.8	U	< 39.2	< 107	< 58.7
BENZENE	60	< 0.5	U	< 0.5	< 0.9	< 0.7
CARBON DISULFIDE	2700	< 3.4	U	< 3.3	< 5.4	< 4.5
CARBON TETRACHLORIDE	600	< 0.5	U	< 1.1	< 4.2	< 1
CHLORINATED FLUOROCARBON (FREON 113)	6000	< 1.9	U	< 1.8	< 3.2	< 2.6
CHLOROBENZENE	1700	< 0.6	U	< 0.6	< 1	< 0.8
CHLORODIBROMOMETHANE	-	< 0.7	U	< 0.7	< 1.2	< 0.9
CHLOROETHANE	1900	< 1	U	< 1	< 1.7	< 1.4
CHLOROFORM	300	< 0.4	U	< 3.4	< 15.6	< 3.6
DICHLOROMETHANE	100	< 7.5	JO-01	< 6	< 13.4	< 7.9
ETHYLBENZENE	5500	< 0.6	U	< 0.5	< 0.9	< 0.8
M-DICHLOROBENZENE	1600	< 0.5	U	< 0.4	< 0.8	< 0.6
METHYLBENZENE	1500	< 0.7	U	< 0.7	< 1.2	< 1
O-XYLENE	-	< 0.8	U	< 0.8	< 1.4	< 1.1
TETRACHLOROETHENE	1400	< 0.3	U	< 0.7	< 1.1	< 0.7
TRANS-1,2-DICHLOROETHENE	300	< 0.5	U	< 0.4	< 0.8	< 0.6
TRICHLOROETHYLENE	700	< 0.5	U	< 1.2	< 3.2	< 0.8
VINYL CHLORIDE	200	< 0.6	U	< 0.5	< 0.9	< 0.8
XYLENE (TOTAL)	1200	< 1.1	U	< 1	< 1.8	< 1.4
TOTAL	10000	10000	11.7	17.2	153.1	77.2
LEAD (mg/kg)	500	1000	NA	NA	NA	NA
Total Solids (%)	-	-	93.3	93.4	83.7	85.4

Notes:
 NYSDEC RSCOs obtained from TAGM 4046.
 NA = Not Analyzed.

TRACK 4 exceedances are in **BOLD**.

AGM: 10/23/2006 11:30 AM

QUALIFIERS
 U = Analyte was not detected at or above the reporting limit.
 ORGANICS: (PCBS, Pesticides, and Herbicides)
 J = Result is an estimated value below the reporting limit
 or a tentatively identified compound (TIC).
 V = Result is changed because of Data Validation.
 R = Validator Rejected Data
 DF = Dilution Factor

TABLE 6H
AOC: BUILDING 8 FUEL OIL USTs
ENDPOINT SAMPLE RESULTS
FINAL ENGINEERING REPORT
ATLAS PARK- PARCEL B
GLENDALF, NY

Location ID Sample ID Sample Date Unit	NYSDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVE	TRACK 4 SOIL CLEANUP OBJECTIVE CRITERIA	Bottom Sample UST1-BOT-033105 3/31/2005 ug/Kg	North Sidewall UST1-NSW-033105 3/31/2005 ug/Kg	East Sidewall UST1-ESW-033105 3/31/2005 ug/Kg	East Sidewall UST1-WSW-033105 3/31/2005 ug/Kg
VOCs						
ETHYLBENZENE	5500	5500	30	52	ND	2.4
METHYLBENZENE (TOLUENE)	1500	1500	2.6	4.6	ND	ND
XYLENE (TOTAL)	1200	1200	33	81	ND	ND
ISOPROPYLBENZENE	NA	-	ND	24	ND	ND
N-PROPYLBENZENE	NA	-	40	130	ND	ND
P-ISOPROPYLTOLUENE	NA	-	ND	23	E	ND
1,2,4-TRIMETHYLBENZENE	NA	-	51	77	E	4.1
1,3,6-TRIMETHYLBENZENE	NA	-	11	21	ND	ND
N-BUTYLBENZENE	NA	-	49	85	ND	ND
SEC-BUTYL-BENZENE	NA	-	32	77	E	2
TERT-BUTYL-BENZENE	NA	-	ND	24	ND	ND
METHYL-T-BUTYL ETHER	NA	-	ND	ND	ND	ND
NAPHTHALENE	NA	-	330	110	ND	ND
TOTAL	10000	10000	578.6	708.6	0	8.5
SVOCs						
ACENAPHTHENE	50000	-	590	2500	JVD ⁴	ND
FLUORENE	50000	-	790	3500	D ⁴	ND
PHENANTHRENE	50000	-	2100	16000	D ⁴	92
ANTHRACENE	50000	-	740	3200	D ⁴	ND
FLUORANTHENE	50000	-	500	1900	JVD ⁴	60
PYRENE	50000	-	2100	5300	D ⁴	150
BENZO(A)ANTHRACENE	224	-	570	2400	JVD ⁴	ND
CHRYSENE	400	-	1200	3900	D ⁴	55
BENZO(K)FLUORANTHENE	1100	-	170	400	JVMD ⁴	ND
BENZO(A)PYRENE	61	-	570	1600	JVD ⁴	ND
INDENO(1,2,3-CD)PYRENE	3200	-	200	300	JVD ⁴	ND
BENZO(G,H,I)PERYLENE	50000	-	410	520	JVD ⁴	ND
TOTAL	500000	500000	10040	41520	ND	357
Moisture (%)						
Moisture (%)	-	-	8.2	8.2	7.7	15
Total Solids (%)	-	-	91.8	91.8	92.3	85

NOTES:

NYSDEC RSCOs obtained from TAGM 4046.

TRACK 4 exceedances are in BOLD.

ND = Not Detected.

NA = Not Analyzed.

TAGM exceedances are highlighted.

QUALIFIERS

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

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

D⁴ = Diluted sample, # indicates the dilution factor > 1.

M = Manually integrated compound.

E = Serial dilution exceeds the control limits.

TABLE 6H
AOC: BUILDING 8 FUEL OIL USTs
ENDPOINT SAMPLE RESULTS
FINAL ENGINEERING REPORT
ATLAS PARK- PARCEL B
GLENDAL, NY

12/28/2006

Location ID Sample ID Sample Date Unit	NYSDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVE	TRACK 4 SOIL CLEANUP OBJECTIVE CRITERIA	East Sidewall UST1-SSW-033105 3/31/2005 ug/Kg	TRENCH T1-SW1-080905 8/9/2005 ug/kg	TRENCH T1-SW2-080905 8/9/2005 ug/kg	TRENCH T2-G-080905 8/9/2005 ug/kg	TRENCH T1-BOT-080905 8/9/2005 ug/kg
VOCs							
ETHYLBENZENE	5500	5500	ND	1.3	1	1	1
METHYLBENZENE (TOLUENE)	1500	1500	ND	1.1	1	1	1
XYLENE (TOTAL)	1200	1200	ND	2.4	3	3	3
ISOPROPYLBENZENE	NA	-	ND	<	1	1	1
N-PROPYLBENZENE	NA	-	ND	<	1	1	1
P-ISOPROPYLTOLUENE	NA	-	ND	<	1	1	1
1,2,4-TRIMETHYLBENZENE	NA	-	ND	<	1	1	1
1,3,5-TRIMETHYLBENZENE	NA	-	ND	<	1	1	1
N-BUTYL-BENZENE	NA	-	ND	<	1	1	1
SEC-BUTYL-BENZENE	NA	-	ND	<	1	1	1
TERT-BUTYL-BENZENE	NA	-	ND	<	1	1	1
METHYL-T-BUTYL ETHER	NA	-	ND	<	1	1	1
NAPHTHALENE	NA	-	ND	<	5	2.2	1.3
TOTAL	10000	10000	0	4.8	0	2.2	1.3
SVOCs							
ACENAPHTHENE	50000	-	ND	NA	NA	NA	NA
FLUORENE	50000	-	ND	NA	NA	NA	NA
PHENANTHRENE	50000	-	ND	NA	NA	NA	NA
ANTHRACENE	50000	-	ND	NA	NA	NA	NA
FLUORANTHENE	50000	-	ND	NA	NA	NA	NA
PYRENE	50000	-	ND	NA	NA	NA	NA
BENZO(A)ANTHRACENE	224	-	ND	NA	NA	NA	NA
CHRYSENE	400	-	ND	NA	NA	NA	NA
BENZO(K)FLUORANTHENE	1100	-	ND	NA	NA	NA	NA
BENZO(A)PYRENE	61	-	ND	NA	NA	NA	NA
INDENO(1,2,3-CD)PYRENE	3200	-	ND	NA	NA	NA	NA
BENZO(G,H,I)PERYLENE	50000	-	ND	NA	NA	NA	NA
TOTAL	500000	500000	ND	NA	NA	NA	NA
Moisture (%)	-	-	7.1	NA	NA	NA	NA
Total Solids (%)	-	-	92.9	NA	NA	NA	NA

NOTES:
NYSDEC RSCOs obtained from TAGM 4046.
TRACK 4 exceedances are in BOLD.
ND = Not Detected.
NA = Not Analyzed.
TAGM exceedances are highlighted.

QUALIFIERS
U = Analyte was not detected at or above the reporting limit.
J = Result is an estimated value below the reporting limit or a tentatively identified compound (TIC) detected.
D* = Diluted sample, # indicates the dilution factor > 1.
M = Manually integrated compound.
E = Serial dilution exceeds the control limits.

TABLE 6I
AOC: FORMER CON EDISON TRANSFORMER PAD
ENDPOINT SAMPLE RESULTS
FINAL ENGINEERING REPORT
ATLAS PARK - PARCEL B
GLENDALE, NY

Location ID Sample ID Sample Date Sample Matrix Unit	NYSDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVE ug/Kg	TRACK 4 SOIL CLEANUP CRITERIA ug/Kg	TRANSFORMER TBC1-020306 2/3/2006 Concrete ug/Kg	TRANSFORMER TBC2-020306 2/3/2006 Concrete ug/Kg	TRANSFORMER TBC3-020306 2/3/2006 Concrete ug/Kg	TRANSFORMER TBC4-020306 2/3/2006 Concrete ug/Kg	TRANSFORMER TBS-0.5-020606 2/6/2006 Soil ug/Kg
VOC							
1,1,1,2-TETRACHLOROETHANE	-	-	<	8.6	U	<	U
1,2-DICHLOROPROPANE	-	-	<	4.5	U	<	U
BROMOMETHANE	-	-	<	10.1	U	<	U
CARBON TETRACHLORIDE	600	600	<	5	U	<	U
CFC-12	-	-	<	6.6	U	<	U
CHLOROFORM	300	300	<	4	U	<	U
DICHLOROMETHANE	100	100	<	24.2	U	<	U
TRIBROMOMETHANE (BROMOFORM)	-	-	<	9.1	U	<	U
TRICHLOROETHYLENE	700	700	<	5.6	U	<	U
TOTAL	10000	10000	ND	ND	60.9	ND	261.1
PCB							
AROCOR - 1242 (PCB-1242)	-	-	<	1.17	U	<	U
AROCOR - 1260 (PCB-1260)	-	-	<	0.488	U	<	U
SOILDS (%)	-	-	NA	NA	NA	NA	87.8

NOTES:

NYSDEC RSCOs obtained from TAGM 4046.

TRACK 4 exceedances are in BOLD.

NA = Not Analyzed.

ND = Not Detected.

TAGM exceedances are highlighted.

QUALIFIERS:

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

JV = Result is an estimated value below the reporting limit.

V = Validator's qualifier

TABLE 6I
AOC: FORMER CON EDISON TRANSFORMER PAD
ENDPOINT SAMPLE RESULTS
FINAL ENGINEERING REPORT
ATLAS PARK - PARCEL B
GLENDAL, NY

Location ID Sample ID Sample Date Sample Matrix Unit	NYSDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVE ug/Kg	TRACK 4 SOIL CLEANUP OBJECTIVE CRITERIA ug/Kg	TRANSFORMER TB6-0.5-020606 2/6/2006 Soil ug/Kg	TRANSFORMER TB7-0.5-020606 2/6/2006 Soil ug/Kg	TRANSFORMER TB8-0.5-020606 2/6/2006 Soil ug/Kg	TRANSFORMER TB9-0.5-020606 2/6/2006 Soil ug/Kg	TRANSFORMER TB10-020806 2/8/2006 Soil ug/Kg
VOC							
1,1,1,2-TETRACHLOROETHANE	-	-	11.1	10.7	11.9	11.1	NA
1,2-DICHLOROPROPANE	-	-	5.9	5.7	6.3	5.9	6.4
BROMOMETHANE	-	-	13.1	12.6	14	13	64.2
CARBON TETRACHLORIDE	600	600	6.5	6.3	7	6.5	7.1
CFC-12	-	-	8.5	8.2	9.1	8.5	9.3
CHLOROFORM	300	300	5.2	5	5.6	5.2	5.7
DICHLOROMETHANE	100	100	31.4	30.3	33.7	31.3	34.3
TRIBROMOMETHANE (BROMOFORM)	-	-	11.8	11.3	12.6	11.7	12.8
TRICHLOROETHYLENE	700	700	7.2	6.9	7.7	7.2	7.8
TOTAL	10000	10000	ND	ND	ND	ND	64.2
PCB							
AROCOR - 1242 (PCB-1242)	-	-	4.08	3.84	4.16	4.19	4.3
AROCOR - 1260 (PCB-1260)	-	-	297	149	198	1.75	1.79
SOILDS (%)	-	-	86.3	86.5	82.2	85.2	81.2

NOTES:

NYSDEC RSCOs obtained from TAGM 4046.

TRACK 4 exceedances are in BOLD.

NA = Not Analyzed.

ND = Not Detected.

TAGM exceedances are highlighted.

QUALIFIERS:

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

JV = Result is an estimated value below the reporting limit

V = Validator's qualifier

TABLE 61
AOC: FORMER CON EDISON TRANSFORMER PAD
ENDPOINT SAMPLE RESULTS
FINAL ENGINEERING REPORT
ATLAS PARK - PARCEL B
GLENDAL, NY

Location ID Sample ID Sample Date Sample Matrix Unit	NYSDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVE ug/Kg	TRACK 4 SOIL CLEANUP OBJECTIVE CRITERIA ug/Kg	TRANSFORMER TB11-020806 2/8/2006 Soil ug/Kg	TRANSFORMER TB12-020806 2/8/2006 Soil ug/Kg	TRANSFORMER TB13-020806 2/8/2006 Soil ug/Kg	TRANSFORMER TB14-020806 2/8/2006 Soil ug/Kg	TRANSFORMER TB15-020806 2/8/2006 Soil ug/Kg
VOC							
1,1,1,2-TETRACHLOROETHANE	-	-	NA	NA	NA	NA	NA
1,2-DICHLOROPROPANE	-	-	< 4.5	U < 4.4	U < 4.9	NA	< 4.5
BROMOMETHANE	-	-	< 10	U < 9.8	U < 10.8	NA	< 9.9
CARBON TETRACHLORIDE	600	600	< 5	U < 4.9	U < 5.4	U < 5	U < 5
CFC-12	-	-	NA	NA	NA	NA	NA
CHLOROFORM	300	300	< 4	U < 3.9	U < 4.3	U < 4	U < 4
DICHLOROMETHANE	100	100	< 24	U < 23.5	U < 25.9	U < 44.1	U < 23.8
TRIBROMOMETHANE (BROMOFORM)	-	-	< 9	U < 8.8	U < 9.7	U < 8.9	U < 8.9
TRICHLOROETHYLENE	700	700	< 5.5	U < 5.4	U < 5.9	U < 5.4	U < 5.4
TOTAL	10000	10000	ND	ND	ND	ND	ND
PCB							
AROCLOR - 1242 (PCB-1242)	-	-	< 0.368	U < 0.364	U < 0.36	U < 0.38	U < 0.38
AROCLOR - 1260 (PCB-1260)	-	-	< 0.153	U < 0.152	U < 0.15	U < 0.158	U < 0.158
SOILS (%)	-	-	NA	NA	NA	NA	NA

NOTES:

NYSDEC RSCOs obtained from TAGM 4046.

TRACK 4 exceedances are in BOLD.

NA = Not Analyzed.

ND = Not Detected.

TAGM exceedances are highlighted.

QUALIFIERS:

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

JV = Result is an estimated value below the reporting limit

V = Validator's qualifier

TABLE 6I
AOC: FORMER CON EDISON TRANSFORMER PAD
ENDPOINT SAMPLE RESULTS
FINAL ENGINEERING REPORT
ATLAS PARK - PARCEL B
GLENDAL, NY

Location ID Sample ID Sample Date Sample Matrix Unit	NYSDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVE ug/Kg	TRACK 4 SOIL CLEANUP OBJECTIVE CRITERIA ug/Kg	TRANSFORMER TB16-020806 2/8/2006 Soil ug/Kg	TRANSFORMER TB18-020906 2/9/2006 Soil ug/Kg	TRANSFORMER TB17-020906 2/9/2006 Soil ug/Kg	TRANSFORMER TB19-020906 2/9/2006 Soil ug/Kg
VOC						
1,1,1,2-TETRACHLOROETHANE	-	-	NA	NA	NA	NA
1,2-DICHLOROPROPANE	-	-	NA	0.6	6.6	6.6
BROMOMETHANE	-	-	<	1.3	67.1	14.6
CARBON TETRACHLORIDE	600	600	218	0.6	7.3	7.3
CFC-12	-	-	NA	NA	NA	NA
CHLOROFORM	300	300	48.8	0.5	5.8	5.8
DICHLOROMETHANE	100	100	44.5	6.5	37.2	45.9
TRIBROMOMETHANE (BROMOFORM)	-	-	11.1	1.1	13.1	13.1
TRICHLOROETHYLENE	700	700	6.8	0.7	8	8
TOTAL	10000	10000	311.3	7.6	104.3	45.9
PCB						
AROCOR - 1242 (PCB-1242)	-	-	3.88	4.31	4.74	4.32
AROCOR - 1260 (PCB-1260)	-	-	1.62	1.8	1.98	1.8
SOILDS (%)	-	-	87.4	83.8	82.2	82.6

NOTES:

NYSDEC RSCOs obtained from TAGM 4046.

TRACK 4 exceedances are in BOLD.

NA = Not Analyzed.

ND = Not Detected.

TAGM exceedances are highlighted.

QUALIFIERS:

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

JV= Result is an estimated value below the reporting limit

V - Validator's qualifier

Table 6I
AOC: TRANSFORMER PAD
ENDPOINT SAMPLE RESULTS
FINAL ENGINEERING REPORT
ATLAS PARK - PARCEL B
GLENDALE, NY

Location ID Sample ID Sample Date Sample Matrix Unit	NYSDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVE ug/Kg	TRANSFORMER TBC1-020306 2/3/2006 Concrete ug/Kg	TRANSFORMER TBC2-020306 2/3/2006 Concrete ug/Kg	TRANSFORMER TBC3-020306 2/3/2006 Concrete ug/Kg	TRANSFORMER TBC4-020306 2/3/2006 Concrete ug/Kg	TRANSFORMER TB5-0.5-020606 2/6/2006 Soil ug/Kg
VOC						
1,1,1,2-TETRACHLOROETHANE		<	8.6	U	<	U
1,2-DICHLOROPROPANE		<	4.5	U	<	U
BROMOMETHANE		<	10.1	U	<	U
CARBON TETRACHLORIDE	600	<	5	U	<	U
CFC-12		<	6.6	U	<	U
CHLOROFORM	300	<	4	U	<	U
DICHLOROMETHANE	100	<	24.2	U	<	U
TRIBROMOMETHANE (BROMOFORM)		<	9.1	U	<	U
TRICHLOROETHYLENE	700	<	5.6	U	<	U
PCB						
AROCLOR - 1242 (PCB-1242)		<	1.17	U	<	U
AROCLOR - 1260 (PCB-1260)		<	0.488	U	<	U
SOILDS (%)						
		NA	NA	NA	NA	87.8

NOTES:

1) NYSDEC RSCOs obtained from TAGM 4046.

2) Only compounds shown are limited to those detected in one or more samples.

NA: Not Analysed

QUALIFIERS:

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

AGM exceedances are highlighted.

TABLE 6J
AOC: SOUTHWEST VAULT
ENDPOINT SAMPLE RESULTS
FINAL ENGINEERING REPORT
ATLAS PARK- PARCEL B
GLENDAL, NY

12/28/2006

Location ID Sample ID Sample Date Action Level Unit	NYSDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVE	TRACK 4 SOIL CLEANUP OBJECTIVE CRITERIA	SWVAULT SWVAULT-B1 9/29/2005 ug/Kg	SWVAULT SWVAULT-B2 9/29/2005 ug/Kg
SVOC				
ANTHRACENE	50000	-	16.1	< 5.58 U
FLUORANTHENE	50000	-	< 4.7 U	17.1
PHENANTHRENE	50000	-	< 8.99 U	29
PYRENE	50000	-	< 13.7 U	16.7
VOC				
1,2,4-TRICHLOROBENZENE	3400	3400	0.4	< 0.4 U
2-BUTANONE (METHYL ETHYL KETONE)	300	300	< 2.7 RV	9.5 JV
ACETONE	200	200	42.2 JV, VOC6	410 JV, VOC6
BENZENE	60	60	< 0.4 U	0.7
DICHLOROMETHANE (METHYLENE CHLORIDE)	100	100	2	< 2.1 U
TOTAL	10000	10000	44.6	420.2
PESTICIDES				
	-	-	ND	ND
PCBs				
	-	-	ND	ND
HERBICIDES				
	-	-	ND	ND
METALS				
	mg/Kg	mg/Kg	mg/Kg	mg/Kg
CYANIDE	-	-	< 0.436 U	< 0.44 U
ALUMINUM	33000	-	16400	14300
ARSENIC	12	23	< 0.417 U	< 0.41 U
BARIUM	600	700	38.8 JV	44 JV
BERYLLIUM	1.75	-	0.631	0.604
CADMIUM	1	-	< 0.0267 U	< 0.0263 U
CALCIUM	35000	-	679 JV	768 JV
CHROMIUM (TOTAL)	40	43	21.2	18.1
COBALT	60	-	8.43	5.76
COPPER	50	250	20.7	11.7
IRON	550000	-	23500	19200
LEAD	500	1000	< 0.24 U	6.8
MAGNESIUM	5000	-	3220	2690
MANGANESE	5000	-	264	425
NICKEL	25	-	14.2	12.5
POTASSIUM	43000	-	1190 JV	1050 JV
SELENIUM	3.9	-	< 0.636 U	< 0.625 U
SILVER	-	-	< 0.85 RVU	< 0.835 RVU
SODIUM	8000	-	1310 JV	1040 JV
THALLIUM	-	-	< 0.267 U	< 0.263 U
VANADIUM	300	-	36.9	24.2
ZINC	50	300	30.7	45.2
MERCURY	0.2	2	< 0.0897 U	< 0.0835 U

NOTES:

NYSDEC RSCOs obtained from TAGM 4046.
No TRACK 4 exceedances in these samples.

QUALIFIERS

U = Analyte was not detected at or above the reporting limit.
J = Result is an estimated value below the reporting limit or a tentatively identified compound (TIC) detected.
V = Result is changed because of Data Validation.
VOC6 = Results reflect laboratory cross-contamination.
R = Data rejected during data validation.

TABLE 6K
AOC: BUILDING 7 PROCESS PIPING
ENDPOINT SAMPLE RESULTS
FINAL ENGINEERING REPORT
ATLAS PARK- PARCEL B
GLENDAL, NY

Location ID Sample ID Sample Date Unit	NYSDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVE	TRACK 4 SOIL CLEANUP OBJECTIVE CRITERIA	Building 28 Bldg 28 Pipe Trench-Center 10/19/2005 mg/Kg	Building 28 Bldg 28 Pipe Trench-Northend 10/19/2005 mg/Kg	Building 28 Bldg 28 Pipe Trench-Southend 10/19/2005 mg/Kg
METALS					
ARSENIC	12	23	22.4	5.28	5.19
BARIUM	600	700	247	95.3	102
CHROMIUM (TOTAL)	40	43	13.7	13.6	14.9
COPPER	50	250	163	58.2	64.9
NICKEL	25	-	11.6	11.5	13.5
SELENIUM	3.9	-	1.13	1.17	0.403
VANADIUM	300	-	37.2	20.6	22.7
ZINC	50	300	216	151	234

NOTES:

NYSDEC RSCOs obtained from TAGM 4046.
 TRACK 4 exceedances are highlighted in BOLD.

QUALIFIERS

U = Analyte was not detected at or above the reporting limit.
 TAGM exceedances are highlighted.

TABLE 6L
NEW CON EDISON BUILDING
ENDPOINT SOIL SAMPLE RESULTS
FINAL ENGINEERING REPORT
ATLAS PARK-PARCEL B
GLENDAL, NY

12/28/2006

Location ID	NYSDEC TAGM	TRACK 4	Bottom Sample	Bottom Sample
Sample ID	RECOMMENDED	SOIL CLEANUP	CONED-BOT1-022305	CONED-BOT2-022305
Sample Date	SOIL CLEANUP	OBJECTIVE	2/23/2005	2/23/2005
Unit	OBJECTIVE	CRITERIA	ug/Kg	ug/Kg
VOCS				
ACETONE	200	200	9.5 JB	< 1.9 UB
BENZENE	60	60	< 1.6 U	< 1.9 J
DICHLOROMETHANE	100	100	5.2 JB	5.2 JB
METHYLBENZENE (TOLUENE)	1500	1500	< 2 U	< 2.5 J
TETRACHLOROETHENE	1400	1400	3.5 J	7.5
TRICHLOROETHYLENE	700	700	< 2 U	< 2.2 J
TOTAL VOCS	10000	10000	18.2	19.3
SVOCS				
2-METHYLNAPHTHALENE	36400	-	< 120 U	< 60 U
ACENAPHTHYLENE	41000	-	170 J	< 46 U
ACENAPHTHENE	50000	-	130 J	< 62 U
ANTHRACENE	50000	-	530 J	84 J
BENZO(A)ANTHRACENE	224	-	1800	420
BENZO(A)PYRENE	61	-	1700	400
BENZO(B)FLUORANTHENE	220	-	1400 M	230
BENZO(G,H,I)PERYLENE	50000	-	1200	240 J
BENZO(K)FLUORANTHENE	220	-	1800 M	260 JM
BENZOIC ACID	2700	-	210 U	< 100 U
BIS(2-ETHYLHEXYL)PHTHALATE	50000	-	< 100 U	88 J
CHRYSENE	400	-	2000	520
DIBENZ(A,H)ANTHRACENE	14	-	390 J	110 J
DIBENZOFURAN	6200	-	180 J	< 60 U
FLUORANTHENE	50000	-	3900	780
FLUORENE	50000	-	220 J	< 49 U
INDENO(1,2,3-CD)PYRENE	3200	-	1100	< 220 J
NAPHTHALENE	13000	-	< 130 U	< 64 U
PHENANTHRENE	50000	-	3100	490
PYRENE	50000	-	3200	740
TOTAL SVOCS	500000	500000	22620	4802
PCBS				
AROCLOR - 1254 (PCB-1254)	-	-	52 M	40 M
AROCLOR - 1260 (PCB-1260)	-	-	54 M	27
TOTAL PCBS	10000	-	106	67
PESTICIDES				
4,4'-DDT	2100	-	18	12
ALDRIN	41	-	< 0.41 U	< 0.4 U
ALPHA-CHLORDANE	540	-	< 0.13 U	1.6 J
BETA - BHC	200	-	1 J	0.66 J
ENDOSULFAN II	900	-	6.5	< 0.19 U
ENDOSULFAN SULFATE	1000	-	8	7.2
GAMMA - BHC (LINDANE)	60	-	0.73 J	< 0.17 U
HEPTACHLOR	100	-	0.28 J	0.26 J
HEPTACHLOR EPOXIDE	20	-	3	1 J
HERBICIDES				
	-	-	ND	ND
METALS				
CYANIDE (TOTAL)	-	-	< 30.7 U	89.1 B

NOTES:

NYSDEC RSCOs obtained from TAGM 4046.
 TRACK 4 exceedances are highlighted in BOLD.
 TAGM exceedances are highlighted in BOLD.

QUALIFIERS

U = Analyte was not detected at or above the reporting limit.
 J = Result is an estimated value below the reporting limit or a tentatively identified compound (TIC).
 M = Manually integrated compound.
 B = Compound was detected in the blank and sample.

TABLE 6L
NEW CON EDISON BUILDING
ENDPOINT SOIL SAMPLE RESULTS
FINAL ENGINEERING REPORT
ATLAS PARK-PARCEL B
GLENDALE, NY

12/28/2006

Location ID	NYSDEC TAGM	TRACK 4	South Sidewall	West Sidewall
Sample ID	RECOMMENDED	SOIL CLEANUP	CONED-SSW-022305	CONED-WSW-022305
Sample Date	SOIL CLEANUP	OBJECTIVE	2/23/2005	2/23/2005
Unit	OBJECTIVE	CRITERIA	ug/Kg	ug/Kg
VOCS				
ACETONE	200	200	9.1 JB	5.8 JB
BENZENE	60	60	< 1.7 U	< 1.7 U
DICHLOROMETHANE	100	100	5.5 JB	< 4.1 UB
METHYLBENZENE (TOLUENE)	1500	1500	< 2 U	< 2 U
TETRACHLOROETHENE	1400	1400	< 2.3 U	< 2.2 U
TRICHLOROETHYLENE	700	700	< 2 U	< 2 U
TOTAL VOCS	10000	10000	14.6	5.8
SVOCS				
2-METHYLNAPHTHALENE	36400	-	190 J	< 61 U
ACENAPHTHYLENE	41000	-	< 47 U	< 47 U
ACENAPHTHENE	50000	-	65 J	< 63 U
ANTHRACENE	50000	-	140 J	< 63 U
BENZO(A)ANTHRACENE	224	-	610	< 52 U
BENZO(A)PYRENE	61	-	150	< 47 U
BENZO(B)FLUORANTHENE	220	-	490 M	< 110 U
BENZO(G,H,I)PERYLENE	50000	-	290 J	< 43 U
BENZO(K)FLUORANTHENE	220	-	340 JM	< 43 U
BENZOIC ACID	2700	-	100 U	< 100 U
BIS(2-ETHYLHEXYL)PHTHALATE	50000	-	< 51 U	< 51 U
CHRYSENE	400	-	900	< 48 U
DIBENZO(A,H)ANTHRACENE	14	-	190 J	< 43 U
DIBENZOFURAN	6200	-	82 J	< 61 U
FLUORANTHENE	50000	-	1100 J	< 54 J
FLUORENE	50000	-	56 J	< 50 U
INDENO(1,2,3-CD)PYRENE	3200	-	220 J	< 39 U
NAPHTHALENE	13000	-	96 J	< 66 U
PHENANTHRENE	50000	-	1200	< 45 U
PYRENE	50000	-	1200	54 J
TOTAL SVOCS	500000	500000	7779	108
PCBS				
AROCLOR - 1254 (PCB-1254)	-	-	54	< 1.4 U
AROCLOR - 1260 (PCB-1260)	-	-	< 4.7 U	< 4.6 U
TOTAL PCBS	10000	-	54	ND
PESTICIDES				
4,4'-DDT	2100	-	5.5	2.4 J
ALDRIN	41	-	0.73 J	< 0.41 U
ALPHA-CHLORDANE	540	-	2.6	< 0.13 U
BETA - BHC	200	-	< 0.31 U	< 0.31 U
ENDOSULFAN II	900	-	1.9 J	< 0.2 U
ENDOSULFAN SULFATE	1000	-	2.9 J	< 0.2 U
GAMMA - BHC (LINDANE)	60	-	< 0.18 U	< 0.18 U
HEPTACHLOR	100	-	< 0.18 U	< 0.17 U
HEPTACHLOR EPOXIDE	20	-	6.1	0.14 JM
HERBICIDES				
	-	-	ND	ND
METALS				
CYANIDE (TOTAL)	-	-	79.5 B	< 31.5 U

NOTES:

NYSDEC RSCOs obtained from TAGM 4046.
TRACK 4 exceedances are highlighted in **BOLD**.
TAGM exceedances are highlighted in **BOLD**.

QUALIFIERS

U = Analyte was not detected at or above the reporting limit.
J = Result is an estimated value below the reporting limit or a tentatively identified compound (TIC).
M = Manually integrated compound.
B = Compound was detected in the blank and sample.

TABLE 6L
NEW CON EDISON BUILDING
ENDPOINT SOIL SAMPLE RESULTS
FINAL ENGINEERING REPORT
ATLAS PARK -PARCEL B
GLENDALE, NY

Location ID	NYSDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVE	TRACK 4 SOIL CLEANUP OBJECTIVE CRITERIA	Bottom Sample CONED-BOT1- 022305 2/23/2005 mg/Kg	Bottom Sample CONED-BOT2- 022305 2/23/2005 mg/Kg	South Sidewall CONED-SSW- 022305 2/23/2005 mg/Kg	South Sidewall CONED-WSW- 022305 2/23/2005 mg/Kg
METALS						
ALUMINUM	33000	-	7460	6890	X	X
ANTIMONY		-	<	1.8	JV	1.5
ARSENIC	12	23	9.9	6	BX	4.2
BARIUM	600	700	125	57.8		67.1
BERYLLIUM	1.75		<	0.62	UN	0.67
CADMIUM	1		<	1.2	U	1.3
CALCIUM	35000	-	9190	4470		1340
CHROMIUM (TOTAL)	40	43	22.2	15.9		20.8
COBALT	60	-	6.2	5	X	6
COPPER	50	250	88	41.9	X	13.8
IRON	550000	-	15600	12100		17200
LEAD	500	1000	143	91.7	JV	19.7
MAGNESIUM	5000	-	3710	2000	N	2640
MANGANESE	5000	-	333	272	JV	381
NICKEL	25	-	37.1	16.7	X	13.8
POTASSIUM	43000	-	613	497		521
SELENIUM	3.9	-	<	2	U	2.2
SILVER		-	<	0.45	U	0.43
SODIUM	8000	-	150	100	JV	204
THALLIUM		-	<	2.8	UN	2.7
VANADIUM	300	-	74.2	28.1	JV	27.7
ZINC	50	300	188	84.5		28.7
MERCURY	0.2	2	0.38	0.2	X	0.13

NOTES:

NYSDEC RSCOs obtained from TAGM 4046.
TRACK 4 exceedances are highlighted in BOLD.
TAGM exceedances are highlighted

QUALIFIERS

V = Result was changed because of Data Validation.
U = Analyte was not detected at or above the reporting limit.
B = Result is less than the CRDL/RL, but greater than or equal to the IDL/MDL.
X = LCS, LCD, MD: Batch QC exceeds the upper or lower control limits.
N = MS, MSD: Spike recovery exceeds the upper or lower control limits.

TABLE 7
SAMPLE INVENTORY
ENDPOINT SAMPLES BY AREA
FINAL ENGINEERING REPORT
ATLAS PARK- PARCEL B
GLENDALF, NY

CONSTRUCTION AREA	SAMPLE ID	TYPE OF SAMPLE	ANALYSES	SDG NUMBER- LAB SAMPLE ID
Building 3	B3-37-3-5-011006	GRAB		
	B3-37-9-011006	GRAB		
	B3ER-032306	GRAB	Full TAGM 4046 TCL VOC, TCL SVOC, PCB, PESTICIDES, HERBICIDES, PAH, METALS	SA42415-01
CONED VAULT & ELECTRICAL	Bldg3-Coned-SW-EP	GRAB		SA48982-01
	Bldg3-Coned-SW-EP2	GRAB	TCL VOC, TCL SVOC, PCB, PESTICIDES, HERBICIDES, PAH, METALS	SA48982-02
	Bldg3-Coned-NW-EP	GRAB	TCL VOC, TCL SVOC, PCB, PESTICIDES, HERBICIDES, PAH, METALS	SA48982-04
	Bldg3-Coned-NW-EP2	GRAB	TCL VOC, TCL SVOC, PCB, PESTICIDES, HERBICIDES, PAH, METALS	SA48982-03
	B3-PIPE1-1-013106	GRAB	TCL VOC	SA40242
	B3-PIPE4-5	GRAB	TCL VOC	SA40316
	B3-PIPE5-4-020308	GRAB	TCL VOC	SA40434
	B3-PIPE6-4-21006	GRAB	CHLORINATED VOC	SA40836
	B3-PIPE7-4-21006	GRAB	CHLORINATED VOC	SA40836
	B3-PIPE8-4-21006	GRAB	CHLORINATED VOC	SA40836
PIPE CHASE	B3-PIPE9-2-21006	GRAB	CHLORINATED VOC	SA40836
	B3-PIPE10-2-21006	GRAB	CHLORINATED VOC	SA40836
	B3-PIPE11-4-21006	GRAB	CHLORINATED VOC	SA40836
	B3-PIPE12-4-21006	GRAB	CHLORINATED VOC	SA40836
	B3-PIPE13-3-21006	GRAB	CHLORINATED VOC	SA40836
	B3-PIPE14-3-21006	GRAB	CHLORINATED VOC	SA40836
	B3-PIPE15-3-21006	GRAB	CHLORINATED VOC	SA40836
	B3-PIPE16-3-21006	GRAB	CHLORINATED VOC	SA40836
	B3-PIPE17-3-21006	GRAB	CHLORINATED VOC	SA40836
	B3-PIPE18-3-21006	GRAB	CHLORINATED VOC	SA40836
	B3-PIPE19-3-21006	GRAB	CHLORINATED VOC	SA40836
	B3-PIPE20-3-21006	GRAB	CHLORINATED VOC	SA40836
	B3-PIPE21-3-21006	GRAB	CHLORINATED VOC	SA40836
	B3-PIPE22-3-21006	GRAB	CHLORINATED VOC	SA40836
	B3-PIPE23-3-21006	GRAB	CHLORINATED VOC	SA40836
	B3-PIPE24-3-21006	GRAB	CHLORINATED VOC	SA40836
	B3-PIPE25-3-21006	GRAB	CHLORINATED VOC	SA40836
	B3-PIPE26-4-21006	GRAB	CHLORINATED VOC	SA40836
	B3-PIPE27-4-21006	GRAB	CHLORINATED VOC	SA40836
	B3-PIPE28-4-21006	GRAB	CHLORINATED VOC	SA40836
	B3-PIPE29-4-21006	GRAB	CHLORINATED VOC	SA40836
	B3-PIPE30-4-21006	GRAB	CHLORINATED VOC	SA40836
	B3-PIPE31-2-21006	GRAB	CHLORINATED VOC	SA40836
	B3-PIPE32-2-21006	GRAB	CHLORINATED VOC	SA40836
	B3-PIPE33-4-21006	GRAB	CHLORINATED VOC	SA40836
	B3-PIPE34-3-21006	GRAB	CHLORINATED VOC	SA40836
	B3-PIPE35-3-21006	GRAB	CHLORINATED VOC	SA40836
	B3-PIPE36-2-21006	GRAB	CHLORINATED VOC	SA40836
	B3-PIPE37-2-21006	GRAB	CHLORINATED VOC	SA40836
	B3-PIPE38-2-21006	GRAB	CHLORINATED VOC	SA40836
	B3-PIPE39-2-21006	GRAB	CHLORINATED VOC	SA40836
	B3-PIPE40-2-21006	GRAB	CHLORINATED VOC	SA40836
	B3-PIPE41-3-21006	GRAB	CHLORINATED VOC	SA40836
	B3-PIPE42-2-5-21006	GRAB	CHLORINATED VOC	SA40836

TABLE 7
SAMPLE INVENTORY
ENDPOINT SAMPLES BY AREA
FINAL ENGINEERING REPORT
ATLAS PARK- PARCEL B
GLENDALE, NY

CONSTRUCTION AREA	SAMPLE ID	TYPE OF SAMPL	ANALYSES	SDG NUMBER- LAB SAMPLE ID
AOC PITS 1 & 2	AOC1-B3-EP-030106	GRAB	TCL VOC	SA41575-04
	AOC1-B3-ESW-030106	GRAB	TCL VOC	SA41575-07
	AOC1-B3-NSW-030106	GRAB	TCL VOC	SA41575-05
	AOC1-B3-SSW-030106	GRAB	TCL VOC	SA41575-06
	AOC1-B3-WSW-030106	GRAB	TCL VOC	SA41575-08
	AOC2-B3-EP-030106	GRAB	TCL VOC	SA41575-09
	AOC2-B3-ESW-030106	GRAB	TCL VOC	SA41575-12
	AOC2-B3-NSW-030106	GRAB	TCL VOC	SA41575-11
	AOC2-B3-SSW-030106	GRAB	TCL VOC	SA41575-10
	AOC2-B3-WSW-030106	GRAB	TCL VOC	SA41575-13
BUILDING 7				
BUILDING 7 PROCESS PIPING	BLDG28PIPETRENCH-CENTER	GRAB	METALS	T5335-03
	BLDG28PIPETRENCH-NORTHEND	GRAB	METALS	T5335-01
	BLDG28PIPETRENCH-SOUTHEND	GRAB	METALS	T5335-02
BUILDING 7 LEAD AND VOC DELINEATION	B7-1-9-5-10-110805 (1)	GRAB	TCL VOC, TOTAL LEAD	SA36885-23
	B7-1-9-5-10-110805 (2)	GRAB	TCL VOC, TOTAL LEAD	SA36885-24
	B7-5-14-14-5-110805	GRAB	TCL VOC, TOTAL LEAD	SA37123-05
	B7-5W-14-14-5-110805	GRAB	TCL VOC, TOTAL LEAD	SA37123-09
	B7-5S-3-5-4-110805	GRAB	TCL VOC, TOTAL LEAD	SA37123-07
	B7-5E-9-9-5-110805	GRAB	TCL VOC, TOTAL LEAD	SA37123-08
	B7-5N-9-9-5-110805	GRAB	TCL VOC, TOTAL LEAD	SA37123-06
	B7-1N-9-5-10-110905	GRAB	TCL VOC, TOTAL LEAD	SA37123-02
	B7-1S-11-11-5-110905	GRAB	TCL VOC, TOTAL LEAD	SA37123-01
	B7-SE-19-21-022306	GRAB	TCL VOC, TOTAL LEAD	SA41326-03
	B7-SE-26-28-022306	GRAB	TCL VOC, TOTAL LEAD	SA41326-04
	B7-SE-11-13-022306	GRAB	TCL VOC, TOTAL LEAD	SA41326-01
	B7-SE-15-17-022306	GRAB	TCL VOC, TOTAL LEAD	SA41326-02
	BLDG28-GP1A-031805	GRAB	METALS	209073-006
	BLDG28-GP2A-031805	GRAB	METALS	209073-007
TANK AND VAULT CLOSURE	BLDG28-GP3A-031805	GRAB	METALS	209073-008
	BLDG28-GP4A-031805	GRAB	METALS	209073-009
	BLDG28-GP5A-031805	GRAB	METALS	209073-010
	BLDG28-T1A-041405	GRAB	METALS	209280-001
	BLDG28-T1B-041405	GRAB	METALS	209280-002
	BLDG28-T1C-041405	GRAB	METALS	209280-003
	BLDG28-T1D-041405	GRAB	METALS	209280-004
	BLDG28-T1E-041405	GRAB	METALS	209280-005
	BLDG28-T2A-041405	GRAB	METALS	209280-006
	BLDG28-T2B-041405	GRAB	METALS	209280-007
	BLDG28-T2C-041405	GRAB	METALS	209280-008
	BLDG28-T2D-041405	GRAB	METALS	209280-009
	BLDG28-T2E-041405	GRAB	METALS	209280-010
	BLDG28-T3A-041405	GRAB	METALS	209280-011
	BLDG28-T3B-041405	GRAB	METALS	209280-012
	BLDG28-T3C-041405	GRAB	METALS	209280-013
	BLDG28-T3D-041405	GRAB	METALS	209280-014
	BLDG28-T4A-041405	GRAB	METALS	209280-015
	BLDG28-T4B-041405	GRAB	METALS	209280-016
	BLDG28-T4C-041405	GRAB	METALS	209280-017
	BLDG28-T4D-041405	GRAB	METALS	209280-018
	BLDG28-T4E-041405	GRAB	METALS	209280-019
	BLDG28-T5A-041405	GRAB	METALS	209280-020
	BLDG28-T5B-041405	GRAB	METALS	209281-001
	BLDG28-T5C-041405	GRAB	METALS	209281-002
	BLDG28-T5D-041405	GRAB	METALS	209281-003
	BLDG28-T5E-041405	GRAB	METALS	209281-004
	BLDG28-T5F-041405	GRAB	METALS	209281-005

TABLE 7
SAMPLE INVENTORY
ENDPOINT SAMPLES BY AREA
FINAL ENGINEERING REPORT
ATLAS PARK- PARCEL B
GLENDAL, NY

CONSTRUCTION AREA	SAMPLE ID	TYPE OF SAMPL	ANALYSES	SDG NUMBER- LAB SAMPLE ID
BUILDING 8/SERVICE CORRIDOR	UST1-BOT-033105	ENDPOINT	STARS VOC, STARS SVOC	209184-005
	UST1-ESW-033105	SEWALL	STARS VOC, STARS SVOC	209184-007
	UST1-NSW-033105	SEWALL	STARS VOC, STARS SVOC	209184-006
	UST1-SSW-033106	SEWALL	STARS VOC, STARS SVOC	209184-009
	UST1-WSW-033105	SEWALL	STARS VOC, STARS SVOC	209184-008
	T1-SW1-080905	ENDPOINT	TCL VOC, TCL SVOC	-
	T1-SW2-080905	ENDPOINT	TCL VOC, TCL SVOC	-
	T2-G-080905	ENDPOINT	TCL VOC, TCL SVOC	-
	T1-BOT-080905	ENDPOINT	STARS VOC, STARS SVOC	209184-008
	SWVAULT-B1	ENDPOINT	NYSDEC TAGM 4046	SA35001-01
SOUTHWEST VAULT	SWVAULT-B2	ENDPOINT	NYSDEC TAGM 4046	SA35001-02
	CONED-BOT1-022305	ENDPOINT	NYSDEC TAGM 4046	208881-003
NEW CON ED BUILDING	CONED-BOT2-022305	ENDPOINT	NYSDEC TAGM 4046	208881-004
	CONED-SSW-022305	SEWALL	NYSDEC TAGM 4046	208881-001
	CONED-WSW-022305	SEWALL	NYSDEC TAGM 4046	208881-002
	TB10-020806	ENDPOINT	PCB, CHLORINATED VOC	SA40557-01
CONED TRANSFORMER PAD	TB11-020806	ENDPOINT	PCB, CHLORINATED VOC	SA40557-02
	TB12-020806	ENDPOINT	PCB, CHLORINATED VOC	SA40557-03
	TB13-020806	ENDPOINT	PCB, CHLORINATED VOC	SA40557-04
	TB14-020806	ENDPOINT	PCB, CHLORINATED VOC	SA40557-05
	TB15-020806	ENDPOINT	PCB, CHLORINATED VOC	SA40557-06
	TB16-020806	ENDPOINT	PCB, CHLORINATED VOC	SA40557-07
	TB17-020906	ENDPOINT	PCB, CHLORINATED VOC	SA40619-01
	TB18-020906	ENDPOINT	PCB, CHLORINATED VOC	SA40619-02
	TB19-020906	ENDPOINT	PCB, CHLORINATED VOC	SA40619-03
	TB5-03-020606	ENDPOINT	PCB, CHLORINATED VOC	SA40434-06
	TB6-03-020606	ENDPOINT	PCB, CHLORINATED VOC	SA40434-07
	TB7-03-020606	ENDPOINT	PCB, CHLORINATED VOC	SA40434-08
	TB8-03-020606	ENDPOINT	PCB, CHLORINATED VOC	SA40434-09
	TB9-03-020606	ENDPOINT	PCB, CHLORINATED VOC	SA40434-10
	TB1-020306	ENDPOINT	CHLORINATED VOC, PCB	SA40434-02
	TB2-020306	ENDPOINT	CHLORINATED VOC, PCB	SA40434-03
	TB3-020306	ENDPOINT	CHLORINATED VOC, PCB	SA40434-04
	TB4-020306	ENDPOINT	CHLORINATED VOC, PCB	SA40434-05
CONSTRUCTION EXCAVATION	EP-B3F-1	ENDPOINT	FULL TAGM 4046	SA39969-01
	EP-B3F-2	ENDPOINT	FULL TAGM 4046	SA39969-02
	EP-B3F-3	ENDPOINT	FULL TAGM 4046	SA39969-03
	EP-B3F-4	ENDPOINT	FULL TAGM 4046	SA39969-04
	EP-B3F-5	ENDPOINT	FULL TAGM 4046	SA39969-05
	EP-B3F-6	ENDPOINT	FULL TAGM 4046	SA39969-06
	EP-B3F-7	ENDPOINT	FULL TAGM 4046	SA39969-07
	EP-B3F-8	ENDPOINT	FULL TAGM 4046	SA39969-08
	EP-B3F-9	ENDPOINT	FULL TAGM 4046	SA39969-09
	EP-B3F-10	ENDPOINT	FULL TAGM 4046	SA39969-10
	EP-B3F-11	ENDPOINT	FULL TAGM 4046	SA40242-01
	EP-B3F-12	ENDPOINT	FULL TAGM 4046	SA40242-02
	EP-B3F-13	ENDPOINT	FULL TAGM 4046	SA40242-03
	EP-B3F-14	ENDPOINT	FULL TAGM 4046	SA40242-04
	EP-B3F-15	ENDPOINT	FULL TAGM 4046	SA40316-05
	EP-B3F-16	ENDPOINT	FULL TAGM 4046	SA40316-06
	EP-B3F-17	ENDPOINT	FULL TAGM 4046	SA40434-01
	EP-B3F-18	ENDPOINT	FULL TAGM 4046	SA40434-02
	EP-B3F-19	ENDPOINT	FULL TAGM 4046	SA40434-03
	EP-B3F-20	ENDPOINT	FULL TAGM 4046	SA40434-04
	EP-B3F-21	ENDPOINT	FULL TAGM 4046	SA40434-05
BUILDING 3 FOOTING EXCAVATION	EP-B3F-1	ENDPOINT	FULL TAGM 4046	SA39969-01
	EP-B3F-2	ENDPOINT	FULL TAGM 4046	SA39969-02
	EP-B3F-3	ENDPOINT	FULL TAGM 4046	SA39969-03
	EP-B3F-4	ENDPOINT	FULL TAGM 4046	SA39969-04
	EP-B3F-5	ENDPOINT	FULL TAGM 4046	SA39969-05
	EP-B3F-6	ENDPOINT	FULL TAGM 4046	SA39969-06
	EP-B3F-7	ENDPOINT	FULL TAGM 4046	SA39969-07
	EP-B3F-8	ENDPOINT	FULL TAGM 4046	SA39969-08
	EP-B3F-9	ENDPOINT	FULL TAGM 4046	SA39969-09
	EP-B3F-10	ENDPOINT	FULL TAGM 4046	SA39969-10
	EP-B3F-11	ENDPOINT	FULL TAGM 4046	SA40242-01
	EP-B3F-12	ENDPOINT	FULL TAGM 4046	SA40242-02
	EP-B3F-13	ENDPOINT	FULL TAGM 4046	SA40242-03
	EP-B3F-14	ENDPOINT	FULL TAGM 4046	SA40242-04
	EP-B3F-15	ENDPOINT	FULL TAGM 4046	SA40316-05
	EP-B3F-16	ENDPOINT	FULL TAGM 4046	SA40316-06
	EP-B3F-17	ENDPOINT	FULL TAGM 4046	SA40434-01
	EP-B3F-18	ENDPOINT	FULL TAGM 4046	SA40434-02
	EP-B3F-19	ENDPOINT	FULL TAGM 4046	SA40434-03
	EP-B3F-20	ENDPOINT	FULL TAGM 4046	SA40434-04
	EP-B3F-21	ENDPOINT	FULL TAGM 4046	SA40434-05

TABLE 8
AOC INVENTORY AND WASTE CHARACTERIZATION FINDINGS
ATLAS PARK - PARCEL A
GLENDALF, NY

AOC ID	Approximate Date Encountered	Field Description	Waste Characterization Findings	Disposal Facility
Building 3 Floor Drain	11/14/2005	Floor drain containing viscus sludge-like materials	Elevated Chlorinated VOCs in the material found in the interior of the drain	Modern Landfill
Building 3 Pipe Run	1/12/2006	Pipe network extending from the drain structure and underlying the southern portion of the Building 3 floor slab	Two locations of Chlorinated VOC contamination in soil below the pipe	South Hadley/ Modern Landfill/ Left in Place
AOC Pits 1 & 2	3/10/2006	Soil sample locations exhibiting elevated VOC concentrations	Removed suspect impacted chlorinated VOC containing soil	South Hadley Landfill
Con Ed Vault and Electrical Room	3/20/2006	Electrical Room and vault containing suspect PCB containing transformers	PCBs in soil and groundwater in vault	United Oil Recovery
Building 7 Process Tank and Vaults	February 2005	Five process vaults and two process tanks containing glue-like material	Metals in the tank and vault interior materials	United Oil Recovery
Process piping in western portion of Building 7	April 2005	Piping associated with the process tank and vaults	No significant findings	Left in Place
Lead an VOC contaminated soil area	November 2005	Elevated Lead and VOC concentrations found in remedial investigation soil samples.	Elevated Lead and VOCs	Left in Place (Delineation)
Heating Oil USTs 1 and 2	February 2005	2 10,000 gallon tanks discovered during initial Phase I investigation	VOC contaminated soils surrounding portion of the tanks	Clean Earth of Philadelphia
Boiler Stack	4/24/2005	Ash and Cinders discovered in interior of Boiler smoke stack	Elevated SVOC findings.	Clean Earth of Philadelphia
Southwest Vault	8/29/2005	Suspect vault found during excavation activities	No significant findings	Recycle Technology
Old Con Edison Transformer Pad	1/15/2006	Old transformer and associated Pad south of Building 8	No significant findings	South Hadley Lanfill

TABLE 9
TAGM 4046 AND TRACK 4 SCOs EXCEEDANCES
FINAL ENGINEERING REPORT
ATLAS PARK- PARCEL B
GLENDAL, NY

	TAGM 4046	SITE SPECIFIC TRACK 4 SCOs	EP-B3F-17	EP-B3F-18	EP-B3F-20	B3-PIPE1-1-0131	EP-B3F-1	EP-B3F-2	EP-B3F-4
Metals (mg/Kg)									
CALCIUM	35000	-	16500	9460	19800	NA	8930	4320	58100
LEAD	500	1000	4.33	14.4	8.23	NA	11.9	56.8	11.5
MAGNESIUM	5000	-	10200	4040	12100	NA	1920	2980	28300
ARSENIC	12	23	1.66	2.2	2.36	NA	1.89	3.59	34.4
BARIUM	600	700	30.2	41.8	38.1	NA	43.3	65.2	25.1
CHROMIUM (TOTAL)	40	43	11.2	12.3	13.2	NA	13	14.8	11.4
COPPER	50	250	18.3	19.7	16.8	NA	13.1	71.8	26.3
ZINC	50	300	21.2	51.7	33.5	NA	27.5	191	43.2
MERCURY	0.2	2	ND	0.0471	0.0402	NA	ND	ND	ND
VOC (TAGM)									
BENZENE	60	60				87.6	ND	ND	ND
TOTAL VOC	10000	10000	< 10000	< 10000	< 10000	< 10000	< 10000	< 10000	< 10000
SVOC									
BENZO(B)FLUORANTHENE	220	-	114	75.5	98	NA	89.8	68.3	54.4
BENZO(K)FLUORANTHENE	220	-	54.7	63.8	88.6	NA	67.7	45.8	63.6
CHRYSENE	400	-	120	92.3	127	NA	95.7	70.8	99.3
BENZO(A)PYRENE	61	-	87.1	66	92.9	NA	90.9	58.3	58.2
DIBENZO(A,H)ANTHRACENE	14	-	ND	ND	ND	NA	20.1	ND	ND
BENZO(A)ANTHRACENE	224	-	110	81	134	NA	87.4	56.7	71.4
TOTAL SVOC	500000	500000	<500000	<500000	<500000	NA	<500000	<500000	<500000
cPAH	-	10000	<10000	<10000	<10000	NA	<10000	<10000	<10000

Legend

NA- Not Analyzed

ND- Not Detected

- No Criteria for this compound

J = Detected but below the reporting limit

N = MS/MSD. Spike recovery exceeds the upper or lower control limits

V = Validated data

M = Manually integrated compound

B = Analyte found in the blank and the sample

TAGM Exceedance
Track 4 Exceedance
Track 4 and TAGM Exceedance

TABLE 9
TAGM 4046 AND TRACK 4 SCOs EXCEEDANCES
FINAL ENGINEERING REPORT
ATLAS PARK- PARCEL B
GLENDAL, NY

	TAGM 4046	SITE SPECIFIC TRACK 4 SCOs	EP-B3F-5	EP-B3F-7	EP-B3F-8	B3ER-032306	B45(2-4)	B45(5-7)	B46(4-6)	B46(6-8)	B47(2-4)
Metals (mg/Kg)											
CALCIUM	35000	-	1610	3230	2280	52200	NA	NA	NA	NA	NA
LEAD	500	1000	4.42	3.49	22.3	394	39.7	33.8	48.8	37.8	9.4 B
MAGNESIUM	5000	-	2440	25300	3010	5140	2360	2330	8670	3200	2910
ARSENIC	12	23	2.05	1.14	1.98	1.12	2.8 B	2.6 B	4.4 B	2.4 B	2.8 B
BARIUM	600	700	25.2	13.1	50.3	141	66.7	81	82.1	67.1	47.8
CHROMIUM (TOTAL)	40	43	10.1	12.6	11.7	166	NA	NA	NA	NA	NA
COPPER	50	250	15.4	10.1	25.8	285	31.1 N	25.8 N	29.5 N	22.7 N	21.1
ZINC	50	300	28.6	22.9	71.6	2180	40.4	42.5	70.1	58.9	37
MERCURY	0.2	2	ND	ND	ND	0.109	0.21	0.19 N	0.18 N	0.43 N	0.41 B
VOC (TAGM)											
BENZENE	60	60	0.7	ND	1.2	ND	NA	NA	NA	NA	NA
TOTAL VOC	10000	10000	< 10000	< 10000	< 10000	< 10000	NA	NA	NA	NA	NA
SVOC											
BENZO(B)FLUORANTHENE	220	-	59.5	34.8	76	ND	320 J M	650 M	230 J M	ND	ND
BENZO(K)FLUORANTHENE	220	-	65.2	19.5	66.3	ND	430 M	850 M	150 J M	100 J M	ND
CHRYSENE	400	-	80.3	34.8	97.1	ND	320 J	540	180 J	92 J	ND
BENZO(A)PYRENE	61	-	58.7	26.6	67.4	ND	430	970	180 J	80 J	ND
DIBENZO(A,H)ANTHRACENE	14	-	14.3	ND	ND	ND	84 J M	96 J M	ND	ND	ND
BENZO(A)ANTHRACENE	224	-	74.6	32.2	90.3	ND	260 J	430	150 J	80 J	ND
TOTAL SVOC	500000	500000	< 500000	< 500000	< 500000	NA	< 500000	< 500000	< 500000	< 500000	NA
cPAH	-	10000	< 10000	< 10000	< 10000	NA	< 10000	< 10000	< 10000	< 10000	NA

Legend

NA- Not Analyzed

ND- Not Detected

- No Criteria for this compound

TAGM Exceedance

Track 4 Exceedance

Track 4 and TAGM Exceedance

J = Detected but below the reporting limit

N = MS/MSD. Spike recovery exceeds the upper or lower control limits

V = Validated data

M = Manually integrated compound

B = Analyte found in the blank and the sample

TABLE 9
TAGM 4046 AND TRACK 4 SCOs EXCEEDANCES
FINAL ENGINEERING REPORT
ATLAS PARK- PARCEL B
GLENDAL, NY

	TAGM 4046	SITE SPECIFIC TRACK 4 SCOs	BLDG28-GP1A-0	BLDG28-GP2A-0	BLDG28-GP3A-0	BLDG28-GP4A-0
Metals (mg/Kg)						
NICKEL	25	-	12.8	9.8	14.4	30.9
ARSENIC	12	23	32	7.8	8.1	15.4
BARIUM	600	700	102	114	373	258
CHROMIUM (TOTAL)	40	43	20.1	6.5	22.4	42
CADMIUM	1	-	NA	NA	NA	NA
COPPER	50	250	75.7	63.9	131	227
VANADIUM	150	-	20.8	14.2	18.4	47.7
ZINC	50	300	267	95.9	356	1250
LEAD	500	1000	NA	NA	NA	NA
SELENIUM	3.9	-	ND	ND	ND	ND
MERCURY	0.2	2	NA	NA	NA	NA
MAGNESIUM	5000	-	NA	NA	NA	NA
VOC						
CARBON TETRACHLORIDE	600	600	NA	NA	NA	NA
ACETONE	200	200	NA	NA	NA	NA
DICHLOROMETHANE	100	100	NA	NA	NA	NA
2-BUTANONE (METHYL ETHYL	300	300	NA	NA	NA	NA
TRICHLOROETHYLENE	700	700	NA	NA	NA	NA
CHLOROFORM	300	300	NA	NA	NA	NA
XYLENE (TOTAL)	1200	1200	NA	NA	NA	NA
O-XYLENE	-	-	NA	NA	NA	NA
BENZENE	60	60	NA	NA	NA	NA
TOTAL VOC	10000	10000	NA	NA	NA	NA
SVOC						
BENZO(A)ANTHRACENE	224	-	NA	NA	NA	NA
BENZO(A)PYRENE	61	-	NA	NA	NA	NA
BENZO(B)FLUORANTHENE	220	-	NA	NA	NA	NA
BENZO(K)FLUORANTHENE	220	-	NA	NA	NA	NA
CHRYSENE	400	-	NA	NA	NA	NA
DIBENZ(A,H)ANTHRACENE	14	-	NA	NA	NA	NA
TOTAL SVOC	500000	500000	NA	NA	NA	NA
cPAH	10000	10000	NA	NA	NA	NA

Legend

NA- Not Analyzed

ND- Not Detected

- No Criteria for this compound

TAGM Exceedance

Track 4 Exceedance

Track 4 and TAGM Exceedance

J = Detected but below the reporting limit

N = MS/MSD. Spike recovery exceeds the upper or lower control limits

V = Validated data

M = Manually integrated compound

B = Analyte found in the blank and the sample

TABLE 9
TAGM 4046 AND TRACK 4 SCOs EXCEEDANCES
FINAL ENGINEERING REPORT
ATLAS PARK- PARCEL B
GLENDAL, NY

	TAGM 4046	SITE SPECIFIC TRACK 4 SCOs	BLDG28-GP5A-0	B7-1-9.5-10-110	B7-1N-9.5-10-11	B7-5-9.5-1108	B7-5E-9.5-110
Metals (mg/Kg)							
NICKEL	25	-	16.1	NA	NA	NA	NA
ARSENIC	12	23	8.2	NA	NA	NA	NA
BARIUM	600	700	146	NA	NA	NA	NA
CHROMIUM (TOTAL)	40	43	20.1	NA	NA	NA	NA
CADMIUM	1	-	NA	NA	NA	NA	NA
COPPER	50	250	95.7	NA	NA	NA	NA
VANADIUM	150	-	27.2	NA	NA	NA	NA
ZINC	50	300	152	NA	NA	NA	NA
LEAD	500	1000	NA	1230	183	476	801
SELENIUM	3.9	-	ND	NA	NA	NA	NA
MERCURY	0.2	2	NA	NA	NA	NA	NA
MAGNESIUM	5000	-	NA	NA	NA	NA	NA
VOC							
CARBON TETRACHLORIDE	600	600	NA	151	10	ND	5460
ACETONE	200	200	NA	ND	ND	ND	704
DICHLOROMETHANE	100	100	NA	ND	9.6	352	34.4
2-BUTANONE (METHYL ETHYL	300	300	NA	ND	12.6	521	ND
TRICHLOROETHYLENE	700	700	NA	ND	0.7	ND	1370
CHLOROFORM	300	300	NA	476	342	514	19300
XYLENE (TOTAL)	1200	1200	NA	ND	ND	3470	40.2
O-XYLENE	-	-	NA	ND	ND	4120	ND
BENZENE	60	60	NA	ND	ND	80.7	ND
TOTAL VOC	10000	10000	NA	<10000	<10000	<10000	27317
SVOC							
BENZO(A)ANTHRACENE	224	-	NA	NA	NA	NA	NA
BENZO(A)PYRENE	61	-	NA	NA	NA	NA	NA
BENZO(B)FLUORANTHENE	220	-	NA	NA	NA	NA	NA
BENZO(K)FLUORANTHENE	220	-	NA	NA	NA	NA	NA
CHRYSENE	400	-	NA	NA	NA	NA	NA
DIBENZ(A,H)ANTHRACENE	14	-	NA	NA	NA	NA	NA
TOTAL SVOC	500000	500000	NA	NA	NA	NA	NA
cPAH	10000	10000	NA	NA	NA	NA	NA

Legend

NA- Not Analyzed

ND- Not Detected

- No Criteria for this compound

TAGM Exceedance

Track 4 Exceedance

Track 4 and TAGM Exceedance

TABLE 9
TAGM 4046 AND TRACK 4 SCOs EXCEEDANCES
FINAL ENGINEERING REPORT
ATLAS PARK- PARCEL B
GLENDAL, NY

	TAGM 4046	SITE SPECIFIC TRACK 4 SCOs	BLDG28PIPETRENCH- CENTRE	BLDG28PIPETRENCH- SOUTH	BLDG28PIPETRENCH- NORTH	B6(2-4)	B46(2-4)
Metals (mg/Kg)							
NICKEL	25	-	11.6	11.5	13.5	13.7 N	15.3
ARSENIC	12	23	22.4	5.280	5.190	1.7 B	4.6 B
BARIUM	600	700	247	95.3	102	39.8	68.7
CHROMIUM (TOTAL)	40	43	13.7	13.6	14.9	ND	ND
CADMIUM	1	-	NA	NA	NA	ND	ND
COPPER	50	250	168	58.2	64.9	23.4 N	126
VANADIUM	150	-	37.2	20.6	22.7	ND	ND
ZINC	50	300	216	151	234	34.5 N	647
LEAD	500	1000	NA	NA	NA	9.5 B	406
SELENIUM	3.9	-	ND	0.403	ND	ND	ND
MERCURY	0.2	2	NA	NA	NA	0.015 B	0.29
MAGNESIUM	5000	-	NA	NA	NA	3150	4200
VOC							
CARBON TETRACHLORIDE	600	600	NA	NA	NA	NA	NA
ACETONE	200	200	NA	NA	NA	NA	NA
DICHLOROMETHANE	100	100	NA	NA	NA	NA	NA
2-BUTANONE (METHYL ETHYL	300	300	NA	NA	NA	NA	NA
TRICHLOROETHYLENE	700	700	NA	NA	NA	NA	NA
CHLOROFORM	300	300	NA	NA	NA	NA	NA
XYLENE (TOTAL)	1200	1200	NA	NA	NA	NA	NA
O-XYLENE	-	-	NA	NA	NA	NA	NA
BENZENE	60	60	NA	NA	NA	NA	NA
TOTAL VOC	10000	10000	NA	NA	NA	NA	NA
SVOC							
BENZO(A)ANTHRACENE	224	-	NA	NA	NA	130 J	870
BENZO(A)PYRENE	61	-	NA	NA	NA	130 J	990
BENZO(B)FLUORANTHENE	220	-	NA	NA	NA	190 J	850
BENZO(K)FLUORANTHENE	220	-	NA	NA	NA	ND	860 H
CHRYSENE	400	-	NA	NA	NA	150 J	980
DIBENZO(A,H)ANTHRACENE	14	-	NA	NA	NA	ND	240 J M
TOTAL SVOC	500000	500000	NA	NA	NA	< 500000	< 500000
cPAH	10000	10000	NA	NA	NA	< 10000	< 10000

Legend

NA- Not Analyzed

ND- Not Detected

- No Criteria for this compound

ASGM Exceedance

Track 4 Exceedance**Track 4 and TAGM Exceedance**

J = Detected but below the reporting limit

N = MS/MSD. Spike recovery exceeds the upper or lower control limits

V = Validated data

M = Manually integrated compound

B = Analyte found in the blank and the sample

TABLE 9
TAGM 4046 AND TRACK 4 SCOs EXCEEDANCES
FINAL ENGINEERING REPORT
ATLAS PARK- PARCEL B
GLENDALE, NY

	TAGM 4046	SITE SPECIFIC TRACK 4 SCOs	B48(8-10)	B49(12-15)	BLDG28-T1B-04	BLDG28-T1D-04	BLDG28-T1E-04
Metals (mg/Kg)							
NICKEL	25	-	19.7	12.2	19.4	14.7	15.3
ARSENIC	12	23	7.7 B	6.6 B	4.07	9.12	4.17
BARIUM	600	700	1260	128	107	155	81.5
CHROMIUM (TOTAL)	40	43	ND	ND	13.6	14.4	15.4
CADMIUM	1	-	1.4 B	ND	NA	NA	NA
COPPER	50	250	870	516	53	73	48.7
VANADIUM	150	-	ND	ND	52	24.3	19.9
ZINC	50	300	2060	953	87	111	71
LEAD	500	1000	921	80.9	NA	NA	NA
SELENIUM	3.9	-	ND	ND	ND	ND	ND
MERCURY	0.2	2	0.4	1.8	NA	NA	NA
MAGNESIUM	5000	-	6940	2200	NA	NA	NA
VOC							
CARBON TETRACHLORIDE	600	600	NA	NA	NA	NA	NA
ACETONE	200	200	NA	NA	NA	NA	NA
DICHLOROMETHANE	100	100	NA	NA	NA	NA	NA
2-BUTANONE (METHYL ETHYL	300	300	NA	NA	NA	NA	NA
TRICHLOROETHYLENE	700	700	NA	NA	NA	NA	NA
CHLOROFORM	300	300	NA	NA	NA	NA	NA
XYLENE (TOTAL)	1200	1200	NA	NA	NA	NA	NA
O-XYLENE	-	-	NA	NA	NA	NA	NA
BENZENE	60	60	NA	NA	NA	NA	NA
TOTAL VOC	10000	10000	NA	NA	NA	NA	NA
SVOC							
BENZO(A)ANTHRACENE	224	-	1700	NA	NA	NA	NA
BENZO(A)PYRENE	61	-	1800 H	NA	NA	NA	NA
BENZO(B)FLUORANTHENE	220	-	2700	NA	NA	NA	NA
BENZO(K)FLUORANTHENE	220	-	-	NA	NA	NA	NA
CHRYSENE	400	-	2200	NA	NA	NA	NA
DIBENZO(A,H)ANTHRACENE	14	-	260 J	NA	NA	NA	NA
TOTAL SVOC	500000	500000	< 500000	NA	NA	NA	NA
cPAH	10000	10000	< 10000	NA	NA	NA	NA

Legend

NA- Not Analyzed

ND- Not Detected

- No Criteria for this compound

TAGM Exceedance

Track 4 Exceedance

Track 4 and TAGM Exceedance

J = Detected but below the reporting limit
 N = MS/MSD. Spike recovery exceeds the upper or lower control limits
 V = Validated data
 M = Manually integrated compound
 B = Analyte found in the blank and the sample

TABLE 9
TAGM 4046 AND TRACK 4 SCOs EXCEEDANCES
FINAL ENGINEERING REPORT
ATLAS PARK- PARCEL B
GLENDAL, NY

	TAGM 4046	SITE SPECIFIC TRACK 4 SCOs	BLDG28-T2A-04	BLDG28-T2B-04	BLDG28-T2D-04	BLDG28-T2E-04	BLDG28-T3A-04
Metals (mg/Kg)							
NICKEL	25	-	12.5	15.2	16	18	16.4
ARSENIC	12	23	3.2	4.65	3.52	5.15	3.94
BARIUM	600	700	75.6	96.3	72.5	127	81.2
CHROMIUM (TOTAL)	40	43	10.3	11.5	14.4	13.1	21.4
CADMIUM	1	-	NA	NA	NA	NA	NA
COPPER	50	250	38.3	60	36.8	55	33.3
VANADIUM	150	-	16	17.9	19.1	21.9	27.3
ZINC	50	300	57	77	67	78	79
LEAD	500	1000	NA	NA	NA	NA	NA
SELENIUM	3.9	-	ND	ND	ND	ND	ND
MERCURY	0.2	2	NA	NA	NA	NA	NA
MAGNESIUM	5000	-	NA	NA	NA	NA	NA
VOC							
CARBON TETRACHLORIDE	600	600	NA	NA	NA	NA	NA
ACETONE	200	200	NA	NA	NA	NA	NA
DICHLOROMETHANE	100	100	NA	NA	NA	NA	NA
2-BUTANONE (METHYL ETHYL	300	300	NA	NA	NA	NA	NA
TRICHLOROETHYLENE	700	700	NA	NA	NA	NA	NA
CHLOROFORM	300	300	NA	NA	NA	NA	NA
XYLENE (TOTAL)	1200	1200	NA	NA	NA	NA	NA
O-XYLENE	-	-	NA	NA	NA	NA	NA
BENZENE	60	60	NA	NA	NA	NA	NA
TOTAL VOC	10000	10000	NA	NA	NA	NA	NA
SVOC							
BENZO(A)ANTHRACENE	224	-	NA	NA	NA	NA	NA
BENZO(A)PYRENE	61	-	NA	NA	NA	NA	NA
BENZO(B)FLUORANTHENE	220	-	NA	NA	NA	NA	NA
BENZO(K)FLUORANTHENE	220	-	NA	NA	NA	NA	NA
CHRYSENE	400	-	NA	NA	NA	NA	NA
DIBENZO(A,H)ANTHRACENE	14	-	NA	NA	NA	NA	NA
TOTAL SVOC	500000	500000	NA	NA	NA	NA	NA
cPAH	10000	10000	NA	NA	NA	NA	NA

Legend

NA- Not Analyzed

ND- Not Detected

- No Criteria for this compound

TAGM Exceedance

Track 4 Exceedance

Track 4 and TAGM Exceedance

J = Detected but below the reporting limit

N = MS/MSD. Spike recovery exceeds the upper or lower control limits

V = Validated data

M = Manually integrated compound

B = Analyte found in the blank and the sample

TABLE 9
TAGM 4046 AND TRACK 4 SCOs EXCEEDANCES
FINAL ENGINEERING REPORT
ATLAS PARK- PARCEL B
GLENDAL, NY

	TAGM 4046	SITE SPECIFIC TRACK 4 SCOs	BLDG28-T3C-04	BLDG28-T3D-04	BLDG28-T3E-04	BLDG28-T4A-04	BLDG28-T4B-04
Metals (mg/Kg)							
NICKEL	25	-	12.5	12.5	11.8	19.5	14.7
ARSENIC	12	23	2.91	4.25	4.29	14	5.33
BARIUM	600	700	60	99.7	75.8	326	91
CHROMIUM (TOTAL)	40	43	10.3	11.5	10	21.7	10.9
CADMIUM	1	-	NA	NA	NA	NA	NA
COPPER	50	250	32.1	49	39.1	143	27.1
VANADIUM	150	-	14.4	18	14.5	40.7	15.2
ZINC	50	300	59	77	70	271	63
LEAD	500	1000	NA	NA	NA	NA	NA
SELENIUM	3.9	-	ND	ND	ND	ND	ND
MERCURY	0.2	2	NA	NA	NA	NA	NA
MAGNESIUM	5000	-	NA	NA	NA	NA	NA
VOC							
CARBON TETRACHLORIDE	600	600	NA	NA	NA	NA	NA
ACETONE	200	200	NA	NA	NA	NA	NA
DICHLOROMETHANE	100	100	NA	NA	NA	NA	NA
2-BUTANONE (METHYL ETHYL	300	300	NA	NA	NA	NA	NA
TRICHLOROETHYLENE	700	700	NA	NA	NA	NA	NA
CHLOROFORM	300	300	NA	NA	NA	NA	NA
XYLENE (TOTAL)	1200	1200	NA	NA	NA	NA	NA
O-XYLENE	-	-	NA	NA	NA	NA	NA
BENZENE	60	60	NA	NA	NA	NA	NA
TOTAL VOC	10000	10000	NA	NA	NA	NA	NA
SVOC							
BENZO(A)ANTHRACENE	224	-	NA	NA	NA	NA	NA
BENZO(A)PYRENE	61	-	NA	NA	NA	NA	NA
BENZO(B)FLUORANTHENE	220	-	NA	NA	NA	NA	NA
BENZO(K)FLUORANTHENE	220	-	NA	NA	NA	NA	NA
CHRYSENE	400	-	NA	NA	NA	NA	NA
DIBENZ(A,H)ANTHRACENE	14	-	NA	NA	NA	NA	NA
TOTAL SVOC	500000	500000	NA	NA	NA	NA	NA
cPAH	10000	10000	NA	NA	NA	NA	NA

Legend

NA- Not Analyzed

ND- Not Detected

- No Criteria for this compound

TAGM Exceedance

Track 4 Exceedance

Track 4 and TAGM Exceedance

J = Detected but below the reporting limit

N = MS/MSD. Spike recovery exceeds the upper or lower control limits

V = Validated data

M = Manually integrated compound

B = Analyte found in the blank and the sample

TABLE 9
TAGM 4046 AND TRACK 4 SCOs EXCEEDANCES
FINAL ENGINEERING REPORT
ATLAS PARK- PARCEL B
GLENDAL, NY

	TAGM 4046	SITE SPECIFIC TRACK 4 SCOs	BLDG28-T4C-04	BLDG28-T4D-04	BLDG28-T4E-04	BLDG28-T5A-04	BLDG28-T5C-04
Metals (mg/Kg)							
NICKEL	25	-	23.5	19	17.8	13.8	14.7
ARSENIC	12	23	7.67	21	11.7	6.33	5.59
BARIUM	600	700	207	237	248	104	130
CHROMIUM (TOTAL)	40	43	17.4	19.8	18.5	10.8	11.6
CADMIUM	1	-	NA	NA	NA	NA	NA
COPPER	50	250	74	145	120	47	49.2
VANADIUM	150	-	27.5	59.9	40.1	17.1	21.7
ZINC	50	300	135	235	231	78	111
LEAD	500	1000	NA	NA	NA	NA	NA
SELENIUM	3.9	-	ND	ND	ND	ND	ND
MERCURY	0.2	2	NA	NA	NA	NA	NA
MAGNESIUM	5000	-	NA	NA	NA	NA	NA
VOC							
CARBON TETRACHLORIDE	600	600	NA	NA	NA	NA	NA
ACETONE	200	200	NA	NA	NA	NA	NA
DICHLOROMETHANE	100	100	NA	NA	NA	NA	NA
2-BUTANONE (METHYL ETHYL	300	300	NA	NA	NA	NA	NA
TRICHLOROETHYLENE	700	700	NA	NA	NA	NA	NA
CHLOROFORM	300	300	NA	NA	NA	NA	NA
XYLENE (TOTAL)	1200	1200	NA	NA	NA	NA	NA
O-XYLENE	-	-	NA	NA	NA	NA	NA
BENZENE	60	60	NA	NA	NA	NA	NA
TOTAL VOC	10000	10000	NA	NA	NA	NA	NA
SVOC							
BENZO(A)ANTHRACENE	224	-	NA	NA	NA	NA	NA
BENZO(A)PYRENE	61	-	NA	NA	NA	NA	NA
BENZO(B)FLUORANTHENE	220	-	NA	NA	NA	NA	NA
BENZO(K)FLUORANTHENE	220	-	NA	NA	NA	NA	NA
CHRYSENE	400	-	NA	NA	NA	NA	NA
DIBENZO(A,H)ANTHRACENE	14	-	NA	NA	NA	NA	NA
TOTAL SVOC	500000	500000	NA	NA	NA	NA	NA
cPAH	10000	10000	NA	NA	NA	NA	NA

Legend

NA- Not Analyzed

ND- Not Detected

- No Criteria for this compound

TAGM Exceedance

Track 4 Exceedance

Track 4 and TAGM Exceedance

TABLE 9
TAGM 4046 AND TRACK 4 SCOs EXCEEDANCES
FINAL ENGINEERING REPORT
ATLAS PARK- PARCEL B
GLENDAL, NY

	TAGM 4046	SITE SPECIFIC TRACK 4 SCOs	BLDG28-T5D-04	BLDG28-T5E-04	EP(SW)-13-122904
Metals (mg/Kg)					
NICKEL	25	-	18.2	15.3	15 NJV
ARSENIC	12	23	11.9	8.13	16.8
BARIUM	600	700	375	167	2090 NJV
CHROMIUM (TOTAL)	40	43	19.7	14.9	286 V
CADMIUM	1	-	NA	NA	6.8
COPPER	50	250	147	73	633 NJV
VANADIUM	150	-	42.9	27.2	
ZINC	50	300	214	146	5000 NJV
LEAD	500	1000	NA	NA	1500
SELENIUM	3.9	-	ND	ND	
MERCURY	0.2	2	NA	NA	2 JV
MAGNESIUM	5000	-	NA	NA	9890
VOC					
CARBON TETRACHLORIDE	600	600	NA	NA	ND
ACETONE	200	200	NA	NA	30 JV
DICHLOROMETHANE	100	100	NA	NA	ND
2-BUTANONE (METHYL ETHYL)	300	300	NA	NA	ND
TRICHLOROETHYLENE	700	700	NA	NA	ND
CHLOROFORM	300	300	NA	NA	ND
XYLENE (TOTAL)	1200	1200	NA	NA	ND
O-XYLENE	-	-	NA	NA	ND
BENZENE	60	60	NA	NA	ND
TOTAL VOC	10000	10000	NA	NA	<10000
SVOC					
BENZO(A)ANTHRACENE	224	-	NA	NA	190 J
BENZO(A)PYRENE	61	-	NA	NA	320 JH
BENZO(B)FLUORANTHENE	220	-	NA	NA	ND
BENZO(K)FLUORANTHENE	220	-	NA	NA	170 JM
CHRYSENE	400	-	NA	NA	410 JH
DIBENZO(A,H)ANTHRACENE	14	-	NA	NA	ND
TOTAL SVOC	500000	500000	NA	NA	2510
cPAH	10000	10000	NA	NA	1090

Legend

NA- Not Analyzed

ND- Not Detected

- No Criteria for this compound

TAGM Exceedance

Track 4 Exceedance

Track 4 and TAGM Exceedance

J = Detected but below the reporting limit

N = MS/MSD. Spike recovery exceeds the upper or lower control limits

V = Validated data

M = Manually integrated compound

B = Analyte found in the blank and the sample

TABLE 9
TAGM 4046 AND TRACK 4 SCOs EXCEEDANCES
FINAL ENGINEERING REPORT
ATLAS PARK- PARCEL B
GLENDAL, NY

	TAGM 4046	SITE SPECIFIC TRACK 4 SCOs	CONED-BOT1-02	CONED-BOT2-02	CONED-SSW-022
METALS					
ALUMINUM	33000	-	7460	6890	7800
IRON	550000	-	15600	12100	19500
LEAD	500	1000	143	91.7	286
MAGNESIUM	5000	-	3710	2000	1720
MANGANESE	5000	-	333	272	277
NICKEL	25	-	37.1	16.7	17.7
POTASSIUM	43000	-	613	497	566
SODIUM	8000	-	150	100	158
ANTIMONY	-	-	-	1.8	3.8
ARSENIC	12	23	9.9	6	15.9
BARIUM	600	700	125	57.8	101
CHROMIUM (TOTAL)	40	43	22.2	15.9	15.2
COBALT	60	-	6.2	5	9.7
COPPER	50	250	68	41.9	52.6
VANADIUM	300	-	74.2	28.1	30.2
ZINC	50	-	188	84.5	196
CALCIUM	35000	-	9190	4470	2830
MERCURY	0.2	2	0.38	0.2	0.14
CYANIDE (TOTAL)	-	-	ND	89.1	79.5
SELENIUM	3.9	-	ND	ND	2.2 B
VOC					
DICHLOROMETHANE	100	100	5.2	5.2	5.5
TOTAL VOC	10000	10000	18.2	19.3	14.6
SVOC					
INDENO(1,2,3-CD)PYRENE	3200	-	1100	220	220
BENZO(B)FLUORANTHENE	220	-	400	430	490
FLUORANTHENE	50000	-	3900	780	1100
BENZO(K)FLUORANTHENE	220	-	1800	280	340
CHRYSENE	400	-	2000	520	900
BENZO(A)PYRENE	61	-	1700	400	450
DIBENZO(A,H)ANTHRACENE	14	-	390	110	130
BENZO(A)ANTHRACENE	224	-	1800	420	610
TOTAL SVOC	500000	500000	22620	4802	7779
cPAH	-	10000	9990	2380	3140

Legend

NA- Not Analyzed

ND- Not Detected

- No Criteria for this compound

TAGM Exceedance

Track 4 Exceedance

Track 4 and TAGM Exceedance

J = Detected but below the reporting limit

N = MS/MSD Spike recovery exceeds the upper or lower control limits

V = Validated data

M = Manually integrated compound

B = Analyte found in the blank and the sample

TABLE 9
TAGM 4046 AND TRACK 4 SCOs EXCEEDANCES
FINAL ENGINEERING REPORT
ATLAS PARK- PARCEL B
GLENDALF, NY

	TAGM 4046	SITE SPECIFIC TRACK 4 SCOs	CONED-WSW-02	UST1-BOT-0331	UST1-NSW-0331
METALS					
ALUMINUM	33000	-	10800	NA	NA
IRON	550000	-	17200	NA	NA
LEAD	500	1000	19.7	NA	NA
MAGNESIUM	5000	-	2640	NA	NA
MANGANESE	5000	-	381	NA	NA
NICKEL	25	-	13.8	NA	NA
POTASSIUM	43000	-	521	NA	NA
SODIUM	8000	-	204	NA	NA
ANTIMONY	-	-	-	NA	NA
ARSENIC	12	23	4.2	NA	NA
BARIUM	600	700	67.1	NA	NA
CHROMIUM (TOTAL)	40	43	20.8	NA	NA
COBALT	60	-	6	NA	NA
COPPER	50	250	13.8	NA	NA
VANADIUM	300	-	27.7	NA	NA
ZINC	50	-	28.7	NA	NA
CALCIUM	35000	-	1340	NA	NA
MERCURY	0.2	2	0.13	NA	NA
CYANIDE (TOTAL)	-	-	ND	NA	NA
SELENIUM	3.9	-	ND	NA	NA
VOC					
DICHLOROMETHANE	100	100	ND	ND	ND
TOTAL VOC	10000	10000	5.8	578.6	709
SVOC					
INDENO(1,2,3-CD)PYRENE	3200	-	ND	200 J	300 J
BENZO(B)FLUORANTHENE	220	-	ND	ND	ND
FLUORANTHENE	50000	-	54	500	1900 JV
BENZO(K)FLUORANTHENE	220	-	ND	170	400 JV/M
CHRYSENE	400	-	ND	1200 J	3900
BENZO(A)PYRENE	61	-	ND	570 J	1600 J
DIBENZO(A,H)ANTHRACENE	14	-	ND	ND	ND
BENZO(A)ANTHRACENE	224	-	ND	670 J	2400 JV
TOTAL SVOC	500000	500000	108	10040	41520
CPAH	-	10000	54	3110	8600

Legend

NA- Not Analyzed

ND- Not Detected

- No Criteria for this compound

TAGM Exceedance

Track 4 Exceedance

Track 4 and TAGM Exceedance

J = Detected but below the reporting limit

N = MS/MSD. Spike recovery exceeds the upper or lower control limits

V = Validated data

M = Manually integrated compound

B = Analyte found in the blank and the sample

TABLE 9
TAGM 4046 AND TRACK 4 SCOs EXCEEDANCES
FINAL ENGINEERING REPORT
ATLAS PARK- PARCEL B
GLENDAL, NY

	TAGM 4046	SITE SPECIFIC TRACK 4 SCOs	B9(1-3)	B10(2-4)	B10(8-10)	B10(19-23)	B51(2-4)
METALS							
ALUMINUM	33000	-	ND	ND	ND	ND	ND
IRON	550000	-	ND	ND	ND	ND	ND
LEAD	500	1000	96.9	75.8	65.6	6.6 B	19.6
MAGNESIUM	5000	-	2280	2140	2030	2980	3270
MANGANESE	5000	-	ND	ND	ND	ND	ND
NICKEL	25	-	16.3	12.3	10.2	16.8	15.7
POTASSIUM	43000	-	ND	ND	ND	ND	ND
SODIUM	8000	-	ND	ND	ND	ND	ND
ANTIMONY	-	-	ND	ND	ND	ND	ND
ARSENIC	12	23	8 B	6.9 B	14.4	ND	1.6 B
BARIUM	600	700	89.3	94.8	95.1	48	72.4
CHROMIUM (TOTAL)	40	43	ND	ND	ND	ND	ND
COBALT	60	-	ND	ND	ND	ND	ND
COPPER	50	250	63.1	28.2	30.5 N	21.6	19.7 N
VANADIUM	300	-	ND	ND	ND	ND	ND
ZINC	50	-	36	61.2	38.3	46.9	32
CALCIUM	35000	-	ND	ND	ND	ND	ND
MERCURY	0.2	2	0.4	0.7	0.51	ND	0.23
CYANIDE (TOTAL)	-	-	ND	ND	ND	ND	ND
SELENIUM	3.9	-	ND	ND	ND	ND	ND
VOC							
DICHLOROMETHANE	100	100	NA	NA	NA	NA	NA
TOTAL VOC	10000	10000	NA	NA	NA	NA	NA
SVOC							
INDENO(1,2,3-CD)PYRENE	3200	-	100 J	ND	ND	ND	13000
BENZO(B)FLUORANTHENE	220	-	170 JM	ND	ND	ND	18000
FLUORANTHENE	50000	-	280 J	ND	85 J	ND	88000
BENZO(K)FLUORANTHENE	220	-	200 JM	ND	49 J	ND	19000
CHRYSENE	400	-	220 J	ND	69 J	600	26000
BENZO(A)PYRENE	61	-	180	ND	53 J	ND	18000
DIBENZ(A,H)ANTHRACENE	14	-	200 J	ND	ND	ND	4800
BENZO(A)ANTHRACENE	224	-	200 J	ND	61 J	ND	24000
TOTAL SVOC	500000	500000	180	ND	363	3700	208800
cPAH	-	10000	180	ND	232	600	120800

Legend

NA- Not Analyzed

ND- Not Detected

- No Criteria for this compound

TAGM Exceedance

Track 4 Exceedance

Track 4 and TAGM Exceedance

J = Detected but below the reporting limit

N = MS/MSD. Spike recovery exceeds the upper or lower control limits

V = Validated data

M = Manually integrated compound

B = Analyte found in the blank and the sample

TABLE 9
TAGM 4046 AND TRACK 4 SCOs EXCEEDANCES
FINAL ENGINEERING REPORT
ATLAS PARK- PARCEL B
GLENDAL, NY

	TAGM 4046	SITE SPECIFIC TRACK 4 SCOs	B51(6-8)	B50(3-5)	B38(5-7)	B55(0.5-4.5)	TB5-0.5-020606
METALS							
ALUMINUM	33000	-	ND	ND	ND	ND	NA
IRON	550000	-	ND	ND	ND	ND	NA
LEAD	500	1000	9.2 B	8.7 B	7.9 B	209	NA
MAGNESIUM	5000	-	2270	3540	3540	1060	NA
MANGANESE	5000	-	ND	ND	ND	ND	NA
NICKEL	25	-	10.8	12.9	13.4	15.9	NA
POTASSIUM	43000	-	ND	ND	ND	ND	NA
SODIUM	8000	-	ND	ND	ND	ND	NA
ANTIMONY	-	-	ND	ND	ND	ND	NA
ARSENIC	12	23	1.7 B	ND	2.1 B	10.6	NA
BARIUM	600	700	50.9	50.2	64.7	155 N	NA
CHROMIUM (TOTAL)	40	43	ND	ND	ND	ND	NA
COBALT	60	-	ND	ND	ND	ND	NA
COPPER	50	250	7.1 N	30.5	23.9	188	NA
VANADIUM	300	-	ND	ND	ND	ND	NA
ZINC	50	-	36.8	34.8	50.1	261	NA
CALCIUM	35000	-	ND	ND	ND	ND	NA
MERCURY	0.2	2	0.016 BN	ND	0.032 B	0.23	NA
CYANIDE (TOTAL)	-	-	ND	ND	ND	ND	NA
SELENIUM	3.9	-	ND	ND	ND	ND	NA
VOC							
DICHLOROMETHANE	100	100	NA	NA	NA	NA	101
TOTAL VOC	10000	10000	NA	NA	NA	NA	261.1
SVOC							
INDENO(1,2,3-CD)PYRENE	3200	-	78 JM	ND	ND	1200	NA
BENZO(B)FLUORANTHENE	220	-	270 J	ND	ND	1500	NA
FLUORANTHENE	50000	-	330 J	110 J	ND	1500	NA
BENZO(K)FLUORANTHENE	220	-	ND	ND	ND	1400	NA
CHRYSENE	400	-	160 J	52 JM	ND	1700	NA
BENZO(A)PYRENE	61	-	89 J	47 J	ND	1800	NA
DIBENZO(A,H)ANTHRACENE	14	-	ND	ND	ND	430 J	NA
BENZO(A)ANTHRACENE	224	-	160 J	50 J	ND	1300	NA
TOTAL SVOC	500000	500000	1148	306	ND	10830	NA
cPAH	-	10000	757	149	ND	7700	NA

Legend

NA- Not Analyzed

ND- Not Detected

- No Criteria for this compound

TAGM Exceedance

Track 4 Exceedance

Track 4 and TAGM Exceedance

J = Detected but below the reporting limit

N = MS/MSD. Spike recovery exceeds the upper or lower control limits

V = Validated data

M = Manually integrated compound

B = Analyte found in the blank and the sample

TABLE 10
AOC: BOILER STACK
WASTE CHARACTERIZATION SAMPLE RESULTS
FINAL ENGINEERING REPORT
ATLAS PARK - PARCEL B
GLENDAL, NY

Location ID	Boiler Stack
Sample ID	Stack-042605
Sample Date	4/26/2005
Sample Time	12:15
VOCs	
2-BUTANONE (METHYL ETHYL KETONE)	ug/Kg
	92.4
SVOCs	
ATRAZINE	0
BENZO(A)ANTHRACENE	24.4
BIS(2-ETHYLHEXYL)PHTHALATE	317
CHRYSENE	44.2
FLUORANTHENE	52.7
PHENANTHRENE	54.2
PYRENE	58.2
PCBs	
Total PCBs	ND
Metals	
	mg/Kg
ARSENIC	72
BARIUM	482
CADMIUM	4.82
CHROMIUM (TOTAL)	101
LEAD	1310
MERCURY	0.548
Total Solids (%)	73.5

Notes:

ND = Not Detected.

TABLE 10
AOC: BOILER STACK
WASTE CHARACTERIZATION SAMPLE RESULTS
FINAL ENGINEERING REPORT
ATLAS PARK - PARCEL B
GLENDALE, NY

Location ID Sample ID Sample Date Sample Time Unit	NYSDEC/ Federal Hazardous Waste Characteristics Regulatory Levels ug/L	Boiler Stack Stack-042605 4/26/2005 12:15 ug/L
TCLP VOCs	-	ND
TCLP SVOCs	-	ND
TCLP Pesticides	-	ND
TCLP Herbicides	-	ND
TCLP Metals	mg/L	mg/L
ARSENIC	5	0.285
BARIUM	100	0.242
CADMIUM	1	0.254
CHROMIUM (TOTAL)	5	0.161
LEAD	5	0.119
RCRA Char	mg/Kg	mg/Kg
TOTAL ORGANIC HALIDES (TOX)	-	BRL
CYANIDE	-	0.393
SULFIDE	-	0
SULFUR	-	54600
IGNITABILITY	<140° F	Negative
REACTIVITY	-	Negative
pH	2-12.5	3.36

Notes:

ND : Not detected

RCRA = Resource Conservation and Recovery Act.