

TABLE 1A
SAMPLE INVENTORY
FOR
CATEGORY 1
WASTE CHARACTERIZATION SAMPLES BY AREA

CONSTRUCTION AREA	SAMPLE ID	TYPE OF SAMPLE	GRAB / COMPOSITE	SAMPLE DATE	DISPOSAL LOCATION	Analyses	SDG NUMBER- LAB SAMPLE ID
BUILDING 4	BLDG4-D(5)-033005	in-situ (Geoprobe)	G	3/30/2005	FDP	FDP Protocol	209172-006
	BLDG4-D-033005	in-situ (Geoprobe)	G	3/30/2005	FDP	FDP Protocol	209172-005
	BLDG4-B(4)-033005	in-situ (Geoprobe)	G	3/30/2005	FDP	FDP Protocol	209172-007
	BLDG4-E-033005	in-situ (Geoprobe)	C	3/30/2005	FDP	FDP Protocol	209172-009
	BLDG4-G-033005	in-situ (Geoprobe)	C	3/30/2005	N/A	FDP Protocol	209172-013
	BLDG4-H-033005	in-situ (Geoprobe)	C	3/30/2005	Re-used on Parcel B	FDP Protocol	209159-005
	BLDG4-I-033005	in-situ (Geoprobe)	C	3/30/2005	Re-used on Parcel B	FDP Protocol	209159-009
	BLDG4-J(8)-033005	in-situ (Geoprobe)	G	3/30/2005	FDP	FDP Protocol	209159-002
	BLDG4-K-033005	in-situ (Geoprobe)	C	3/30/2005	N/A	FDP Protocol	209159-001
	BLDG4-L-033105	in-situ (Geoprobe)	C	3/31/2005	FDP	FDP Protocol	209184-010
	BLDG4-F(5)-033105	in-situ (Geoprobe)	G	3/31/2005	FDP	FDP Protocol	209172-017
	BLDG4-F-033105	in-situ (Geoprobe)	C	3/31/2005	N/A	FDP Protocol	209172-020
	BLDG 4-Comp 1-041405	stockpile	C	4/15/2005	FDP	FDP Protocol	1071170A-1071171
	BLDG 4-Comp 3-041405	stockpile	C	4/15/2005	FDP	FDP Protocol	1071170A-1071171
NORTH PARKING GARAGE	BLDG 4-SP (F,H)-041905	stockpile	C	4/19/2005	Re-used on Parcel B	FDP Protocol	1071519-1071523
	GAR-D-040105	in-situ (Geoprobe)	C	4/1/2005	Re-used on Parcel B	FDP Protocol	209185-008
	GAR-D1(5)-040105	in-situ (Geoprobe)	G	4/1/2005	FDP	FDP Protocol	209185-009
	GAR-D2(5)-040105	in-situ (Geoprobe)	G	4/1/2005	FDP	FDP Protocol	209185-012
	GAR-E-040105	in-situ (Geoprobe)	C	4/1/2005	Re-used on Parcel B	FDP Protocol	209184-014
	GAR-E2(5)-040105	in-situ (Geoprobe)	G	4/1/2005	FDP	FDP Protocol	209184-015
	GAR-F-040105	in-situ (Geoprobe)	C	4/1/2005	FDP	FDP Protocol	209185-001
	GAR-Comp-1-041905	in-situ (Geoprobe)	C	4/19/2005	FDP	FDP Protocol	1071519-1071523
BUILDING 6 / SOUTH GARAGE	GAR-Comp-2-041905	in-situ (Geoprobe)	C	4/19/2005	FDP	FDP Protocol	1071519-1071523
	SP1-1	stockpile	C	10/19/2004	OENJ	EPA 8260, EPA 8270, PCB Scan, Total Metals, Pesticides, Herbicides	207827-001
	SP-1-1-012505	stockpile	C	1/25/2005	FDP, OENJ	TAGM 4046 List	208646-001
	SP1-2	stockpile	C	10/19/2004	OENJ	EPA 8260, EPA 8270, PCB Scan, Total Metals, Pesticides, Herbicides	207827-002
	SP-1-2-012505	stockpile	C	1/25/2005	FDP, OENJ	TAGM 4046 List	208646-002
	SP-1-3-012505	stockpile	C	1/25/2005	OENJ	TAGM 4046 List	208646-003
	SP-1A-1-020805	stockpile	C	2/8/2005	FDP, OENJ	TAGM 4046 List	208758-001
	SP-B41-031405	stockpile	C	3/14/2005	FDP, OENJ	TAGM 4046 List	1068435-1068437
	SP-2A-102904	stockpile	C	10/29/2004	FDP, OENJ	EPA 8260, EPA 8270, PCBs, TCLP Metals (8), RCRA Characteristics, TPH 8015	207944-001
	SP-2C-12-13-04	stockpile	C	12/13/2004	OENJ	EPA 8260, EPA 8270, PCBs, TCLP Metals (8), Total Metals (8), TPH 8015, Pesticides, Herbicides	208309-002
	SP-2D-12-13-04	stockpile	C	12/13/2004	OENJ	EPA 8260, EPA 8270, PCBs, TCLP Metals (8), Total Metals (8), TPH 8015, Pesticides, Herbicides	208309-003

**TABLE 1A
SAMPLE INVENTORY
FOR
CATEGORY 1
WASTE CHARACTERIZATION SAMPLES BY AREA**

CONSTRUCTION AREA	SAMPLE ID	TYPE OF SAMPLE	GRAB / COMPOSITE	SAMPLE DATE	DISPOSAL LOCATION	Analyses	SDG NUMBER- LAB SAMPLE ID
BUILDING 6 (AOC 2B AREA)	TP-J8-110104	in-situ (test pit)	C	11/1/2004	FDP, OENJ	EPA 8260, EPA 8270, TCLP Metals (8), PCBs, RCRA Characteristics, TPH 8015	207966-004
	TP-J8-110104	in-situ (test pit)	C	11/1/2004	OENJ	EPA 8260, EPA 8270, TCLP Metals (8), PCBs, RCRA Characteristics, TPH 8016	207966-005
	TP-K8-110104	in-situ (test pit)	C	11/1/2004	FDP, OENJ	EPA 8260, EPA 8270, TCLP Metals (8), PCBs, RCRA Characteristics, TPH 8017	207966-003
	TP-K9-110104	in-situ (test pit)	C	11/1/2004	FDP, OENJ	EPA 8260, EPA 8270, TCLP Metals (8), PCBs, RCRA Characteristics, TPH 8018	207966-006
	TP-L8-110104	in-situ (test pit)	C	11/1/2004	FDP, OENJ	EPA 8260, EPA 8270, TCLP Metals (8), PCBs, RCRA Characteristics, TPH 8019	207966-002
	TP-L9-110104	in-situ (test pit)	C	11/1/2004	FDP, OENJ	EPA 8260, EPA 8270, TCLP Metals (8), PCBs, RCRA Characteristics, TPH 8020	207966-001
MISCELLANEOUS STOCKPILES	SP-1-4-020405	stockpile	C	2/8/2005	FDP	FDP Protocol	1065589-1065592
	SP-1-5-020405	stockpile	C	2/4/2005	FDP	FDP Protocol	1065589-1065592
	SP-1-6-020405	stockpile	C	2/4/2005	FDP	FDP Protocol	1065589-1065592
	SP-1-7-020405	stockpile	C	2/4/2005	FDP	FDP Protocol	1065589-1065592
	SP-1-8-021505	stockpile	C	2/15/2005	FDP	FDP Protocol	1066527-1066533
	SP-1-9-021705	stockpile	C	2/17/2005	FDP	FDP Protocol	1066527-1066533
	SP-1-10-021705	stockpile	C	2/17/2005	FDP	FDP Protocol	1066527-1066533
	SP-1-A-030305	stockpile	C	3/3/2005	Re-used on Parcel B	FDP Protocol	1067559-1067562
	SP-1-B-030305	stockpile	C	3/3/2005	FDP	FDP Protocol	1067559-1067562
	SP-1-C-030305	stockpile	C	3/3/2005	FDP	FDP Protocol	1067559-1067562
	SP-1-D-030305	stockpile	C	3/3/2005	FDP	FDP Protocol	1067559-1067562
	SP-1-E-030705	stockpile	C	3/7/2005	CEC	TCLP Semi-Volatiles, TCLP Pesticides, TCLP Herbicides and TCLP (8) Metals	1068009-1068016
	SP-1-F-030705	stockpile	C	3/7/2005	FDP	TCLP Semi-Volatiles, TCLP Pesticides, TCLP Herbicides and TCLP (8) Metals	1068009-1068016
	SP-1-G-030705	stockpile	C	3/7/2005	FDP	TCLP Semi-Volatiles, TCLP Pesticides, TCLP Herbicides and TCLP (8) Metals	1068009-1068016
	SP-1-H-030705	stockpile	C	3/7/2005	FDP	TCLP Semi-Volatiles, TCLP Pesticides, TCLP Herbicides and TCLP (8) Metals	1068009-1068016
	SP-1-I-030805	stockpile	C	3/8/2005	FDP	Priority Pollutants plus 40, Reactivity, pH, Flashpoint and PLM Analysis	1068078-1068082
	SP-1-J-030805	stockpile	C	3/8/2005	CEC	Priority Pollutants plus 40, Reactivity, pH, Flashpoint and PLM Analysis	1068078-1068082
	SP-1-K-030805	stockpile	C	3/8/2005	FDP	Priority Pollutants plus 40, Reactivity, pH, Flashpoint and PLM Analysis	1068078-1068082
	SP-1-L-030805	stockpile	C	3/8/2005	Re-used on Parcel B	Priority Pollutants plus 40, Reactivity, pH, Flashpoint and PLM Analysis	1068078-1068082
	SP-1-M-031005	stockpile	C	3/10/2005	N/U	Priority Pollutants plus 40, Reactivity, pH, Flashpoint and PLM Analysis	1068206-1068213
	SP-1-N-031005	stockpile	C	3/10/2005	N/U	Priority Pollutants plus 40, Reactivity, pH, Flashpoint and PLM Analysis	1068206-1068213
	SP-1-O-031005	stockpile	C	3/10/2005	N/U	Priority Pollutants plus 40, Reactivity, pH, Flashpoint and PLM Analysis	1068206-1068213
	SP-ADE-051205	stockpile	C	5/12/2005	CEP	EPA 8260, EPA 8270, PCB Scan, Full TCLP Analysis, Reactivity, pH, Flashpoint, TOX and Total Sulfur Analysis	SA27896
	SP-ADE-052005 (1)	stockpile	G	5/20/2005	CEP	TCLP VOC, TCL VOC	SA28333
	SP-ADE-052005 (2)	stockpile	G	5/20/2005	CEP	TCLP VOC, TCL VOC	SA28333
	SP-ADE-052005 (3)	stockpile	G	5/20/2005	CEP	TCLP VOC, TCL VOC	SA28333
	SP-ADE-052005 (4)	stockpile	C	5/20/2005	CEP	EPA 8260, EPA 8270, PCB Scan, Full TCLP Analysis, Reactivity, pH, Flashpoint, TOX and Total Sulfur Analysis	SA28333

NOTES:

1) These samples were analyzed for some or all of the following:
Total and/or TCLP VOCs, SVOCs, pesticides, herbicides, and metals; PCBs; TPH; I/R/C and cyanide.
2) See Appendix G, CD2 for Category 1 raw laboratory data (Form I's).
FDP = FDP Intermodal FDP Protocol = PP+40, RCRA Characteristics, PLM Analysis
OENJ = OENJ / Bayonne, NJ
CEC = Clean Earth of Cartaret
Re-Use = Backfill for construction purposes in Parcel A
Re-used in Parcel B = Backfill for construction purposes in the Track 4 area of Parcel B.
N/A = Sample not analyzed
N/U = Sample not needed for disposal

**TABLE 1B
SAMPLE INVENTORY
FOR
CATEGORY 2
WASTE CHARACTERIZATION SAMPLES
BY AREA/AOC**

CONSTRUCTION AREA/AOC	SAMPLE ID	TYPE OF SAMPLE	GRAB / COMPOSITE	SAMPLE DATE	DISPOSAL LOCATION	Analyses	SDG NUMBER-LAB SAMPLE ID
SOUTH PARKING GARAGE							
AOC 2E	SP-2E-011405	stockpile	C	1/14/2005	CEP	RCRA Characteristics	208529-001
	SP-2E-12-13-04	stockpile	C	12/13/2004	CEP	EPA 8260, EPA 8270, PCB Scan, Total (8) Metals, TCLP (8) Metals, TPH 8015, Pesticides, Herbicides	208309-004
	SP-2E-020405	stockpile	C	2/4/2005	CEP	TCLP Herbicide, TOX, Total Sulfur	208762
	SP-2E-021005	stockpile	C	2/10/2005	CEP	TCLP Herbicide, TOX, Total Sulfur	1065954
DRUM AREA	S-2	liquid product	G	11/19/2004	CENJ	EPA 8260, EPA 8270, PCB, RCRA Metals + Cu, Ni & Zn, TCLP RCRA Metals, TPH 8015, Pest/Herb	'04110770'
	S-1	soil/product mixture	G	11/19/2004	CENJ	EPA 8260, EPA 8270, PCB, RCRA Metals + Cu, Ni & Zn, TCLP RCRA Metals, TPH 8015	'04110770'
	Drum - 121704	soil/product mixture	G	12/17/2004	CENJ	GC/FID Fingerprint	Meta - 1
AOC 2F	SP-2F-021005	stockpile	C	2/10/2005	CEP	TCLP Herbicide, TOX, Total Sulfur	1065954
	E14-021405	stockpile	C	2/14/2005	CEP	Stars 8021, Stars 8270, Total (8) Metals, TPH 8015	1066138
	SP-2F-011705 (1 to 4)	in-situ	C	1/17/2005	CEP	Full TCLP Analysis, EPA 8270, PCB Scan, RCRA Characteristics	208554
	SP-2F-011705	soil/product mixture	G	1/17/2005	CEP	GC/FID Fingerprint	Meta - 2
AOC 2G	SP-2G-012005(1)	stockpile	G	1/20/2005	CEP	TCLP Volatiles Analyses	208592-001
	SP-2G-012005(2)	stockpile	G	1/20/2005	CEP	TCLP Volatiles Analyses	208592-002
	SP-2G-012005(3)	stockpile	G	1/20/2005	CEP	TCLP Volatiles Analyses	208592-003
	SP-2G-012005(4)	stockpile	C	1/20/2005	CEP	Full TCLP Analysis, EPA 8270, PCB Scan, Reactivity, pH, Flashpoint, TOX and Total Sulfur Analysis	208592-004
	SP-2G-021005	stockpile	C	2/10/2005	CEP	TCLP Herbicide, TOX, Total Sulfur	1065954
BUILDING 6							
AOC 2B	IS-2B-(CLAY)-121704	in-situ (test pit)	C	12/17/2004	CENJ	EPA 8260, EPA 8270, Total Metals (13), TCLP Metals (8), PCB Scan, TPH 8015, Pesticides, Herbicides, RCRA Characteristics	208377-001
	IS-2B-(CLAY-2)-121704	in-situ (test pit)	C	12/17/2004	CENJ	EPA 8260, EPA 8270, Total Metals (13), TCLP Metals (8), PCB Scan, TPH 8015, Pesticides, Herbicides, RCRA Characteristics	208377-002
	IS-2B-(DEJ)-121704	in-situ (test pit)	C	12/17/2004	CENJ	EPA 8260, EPA 8270, Total Metals (13), TCLP Metals (8), PCB Scan, TPH 8015, Pesticides, Herbicides, RCRA Characteristics	208377-003
	IS-2B-(DEL-2A)-121704	in-situ (test pit)	C	12/17/2004	CENJ	EPA 8260, EPA 8270, Total Metals (13), TCLP Metals (8), PCB Scan, TPH 8015, Pesticides, Herbicides, RCRA Characteristics	208377-011
	IS-2B-(RUB)-121704	in-situ (test pit)	C	12/17/2004	CENJ	EPA 8260, EPA 8270, Total Metals (13), TCLP Metals (8), PCB Scan, TPH 8015, Pesticides, Herbicides, RCRA Characteristics	208377-002
	IS-2B-(RUB-2)-121704	in-situ (test pit)	C	12/17/2004	CENJ	EPA 8260, EPA 8270, Total Metals (13), TCLP Metals (8), PCB Scan, TPH 8015, Pesticides, Herbicides, RCRA Characteristics	208377-010
	SP-2B-110404	stockpile	C	11/4/2004	CENJ	EPA 8260, EPA 8270, PCB Scan, TPH 8015, TCLP Metals (8), RCRA Characteristics	207991-002
	SP-2B-12-3-04	stockpile	C	12/3/2004	CENJ	TCLP Metals (8)	208217-001
	TP-5-102704	in-situ (test pit)	C	10/27/2004	CENJ	EPA 8260, EPA 8270, Total Metals, PCBs	207916-002
	TP-36-102704	in-situ (test pit)	C	10/27/2004	CENJ	EPA 8260, EPA 8270, Total Metals, PCBs	207916-003
	TP-35-102704	in-situ (test pit)	C	10/27/2004	CENJ	EPA 8260, EPA 8270, Total Metals, PCBs	207916-001

**TABLE 1B
SAMPLE INVENTORY
FOR
CATEGORY 2
WASTE CHARACTERIZATION SAMPLES
BY AREA/AOC**

CONSTRUCTION AREA/AOC	SAMPLE ID	TYPE OF SAMPLE	GRAB / COMPOSITE	SAMPLE DATE	DISPOSAL LOCATION	Analyses	SDG NUMBER-LAB SAMPLE ID
AOC 2C	SP-2C-102904	stockpile	C	10/29/2004	CENU	EPA 8260, EPA 8270, TCLP Metals (8), TPH 8015, PCBs, RCRA Characteristics	207944-002
	SP2-C1-111604	stockpile	G	11/16/2004	OENJ	TCLP VOC	208071
	SP2-C-111604	stockpile	C	11/16/2004	OENJ	Full TCLP, EPA 8270, RCRA Characteristics, PCBs, TOX, Total Sulfur	208071
	SP2-C2-111604	stockpile	G	11/16/2004	OENJ	TCLP VOC	208071
	SP2-C3-111604	stockpile	G	11/16/2004	OENJ	TCLP VOC	208071
AOC 2D	SP2-D1-111604	stockpile	G	11/16/2004	OENJ	TCLP VOC	208071
	SP2-D-111604	stockpile	C	11/16/2004	OENJ	Full TCLP, EPA 8270, RCRA Characteristics, PCBs, TOX, Total Sulfur	208071
	SP2-D2-111604	stockpile	G	11/16/2004	OENJ	TCLP VOC	208071
	SP2-D3-111604	stockpile	G	11/16/2004	OENJ	TCLP VOC	208071
	SP-2D-010505	stockpile	G	1/5/2005	CEP	Metals (8)	208473-002
AOC B29, B30							
PLAZA / PARK							
AOC B41	SP-B41-030705(1)	stockpile	G	3/7/2005	FDP	EPA 8260, TCLP Volatiles Analysis	1068009-1068016
	SP-B41-030705(2)	stockpile	G	3/7/2005	FDP	EPA 8260, TCLP Volatiles Analysis	1068009-1068016
	SP-B41-030705(3)	stockpile	G	3/7/2005	FDP	EPA 8260, TCLP Volatiles Analysis	1068009-1068016
	SP-B41-030705(4)	stockpile	C	3/7/2005	FDP	Full TCLP Analysis, EPA 8270, PCB Scan, Reactivity, pH, Flashpoint, TOX and Total Sulfur Analysis	1068009-1068016
	SP-B41-031405	stockpile	C	3/14/2005	FDP	FDP Protocol	1068435-1068437
AOC 2H/2I	SP-2H-021005	stockpile	C	2/10/2005	CEP	TCLP Herbicide, TOX, Total Sulfur	1065954
	SP-2H-012005(1)	stockpile	G	1/20/2005	CEP	TCLP Volatiles Analysis	208592-005
	SP-2H-012005(2)	stockpile	G	1/20/2005	CEP	TCLP Volatiles Analysis	208592-006
	SP-2H-012005(3)	stockpile	G	1/20/2005	CEP	TCLP Volatiles Analysis	208592-007
	SP-2H-012005(4)	stockpile	C	1/20/2005	CEP	Full TCLP Analysis, EPA 8270, PCB Scan, Reactivity, pH, Flashpoint, TOX and Total Sulfur Analysis	208592-008
	SP-2H-EP-17-012005	stockpile	C	1/20/2005	CEP	STAAS 8021, STAAS 8270	208593-001
	SP-2I-030705	stockpile	C	3/7/2005	CEP	EPA 8260, EPA 8270, PCB Scan, Full TCLP Analysis, Reactivity, pH, Flashpoint, TOX and Total Sulfur Analysis	1068078-1068082
AOC 2J	L13-030405	in-situ	C	3/4/2005	CEP	Total (13) Metals, TCLP (8) Metals, RCRA Characteristics, PCBs, BTEX	208928
	L13-030405(1)	in-situ	G	3/4/2005	CEP	TPH DRO to C-44, TOX	208928
	L13-030405(2)	in-situ	G	3/4/2005	CEP	TPH DRO to C-44, TOX	208928
	L13-030405(3)	in-situ	G	3/4/2005	CEP	TPH DRO to C-44, TOX	208928
	L13-030405	in-situ	C	3/4/2005	CEP	GC/FID Fingerprint	Meta - 3
AOC 2JZ	SP-2JZ-032105(1)	stockpile	G	3/21/2005	CEP	EPA 8260, TCLP Volatiles Analysis	209079-001
	SP-2JZ-032105(2)	stockpile	G	3/21/2005	CEP	EPA 8260, TCLP Volatiles Analysis	209079-002
	SP-2JZ-032105(3)	stockpile	G	3/21/2005	CEP	EPA 8260, TCLP Volatiles Analysis	209079-003
	SP-2JZ-032105(4)	stockpile	C	3/21/2005	CEP	EPA 8270, PCB Scan, Full TCLP Analysis, Reactivity, pH, Flashpoint, TOX and Total Sulfur Analysis	209079-004
NORTH PARKING GARAGE							
AOC 2N	2N(1)-051205	stockpile	G	5/12/2005	CEP	EPA 8260, TCLP Volatiles Analysis	SA27927
	2N(2)-051205	stockpile	G	5/12/2005	CEP	EPA 8260, TCLP Volatiles Analysis	SA27927
	2N(3)-051205	stockpile	G	5/12/2005	CEP	EPA 8260, TCLP Volatiles Analysis	SA27927
	2N(4)-051205	stockpile	C	5/12/2005	CEP	EPA 8260, EPA 8270, PCB Scan, Full TCLP Analysis, Reactivity, pH, Flashpoint, TOX and Total Sulfur Analysis	SA27927
AOC 2L	SP-L-042105(1)	stockpile	G	4/21/2005	CEP	EPA 8260, TPH 8015 DRO, TOX Analysis	1071841-1071844
	SP-L-042105(2)	stockpile	G	4/21/2005	CEP	TPH 8015 DRO, TOX Analysis	1071841-1071844
	SP-L-042105(3)	stockpile	G	4/21/2005	CEP	TPH 8015 DRO, TOX Analysis	1071841-1071844
	SP-L-042105(4)	stockpile	C	4/21/2005	CEP	BTEX, EPA 8270, PCB Scan, Total (13) Metals, TCLP (*) Metals, Reactivity, pH, Flashpoint, TPH 8015 DRO, TOX Analysis	1071841-1071844
	2L-LQ-042205	stockpile	G	4/22/2005	Bridgeport Recycling	VOCs, TPH, GC/FID Fingerprint	SA26926

NOTES:

1) These samples were analyzed for some or all of the following: Total and/or TCLP VOCs, SVOCs, pesticides, herbicides, and metals;

2) See Appendix G, CDZ for Category 2 Sample Results.

3) Some or all soil from AOCs 2A, 2C, 2D, and B41 found suitable for disposal as Category 1 material.

FDP = FDP Intermodal

OENJ = OENJ / Bayonne, NJ

CENU = Clean Earth of North Jersey

CEP = Clean Earth of Philadelphia

**TABLE 1C
SAMPLE INVENTORY FOR
CATEGORY 3
BENEFICIAL RE-USE SAMPLES (TAGM 4046 ANALYSIS)**

LOCATION	SAMPLE ID	SAMPLE TYPE	GRAB / COMPOSITE	SAMPLE DATE	RE-USE OR DISPOSAL	Analyses	SDG NUMBER-LAB SAMPLE ID
GENERAL BENEFICIAL REUSE (ON-SITE, OFF-SITE)							
	SP3-1	stockpile	C	10/21/2004	Re-Use	TAGM 4046	207860-002
	SP3-2	stockpile	C	10/22/2004	Re-Use	TAGM 4046	207873-002
	SP3-3	stockpile	C	10/22/2004	FDP/OENJ	TAGM 4046	207873-001
	SP3-4-102704	stockpile	C	10/27/2004	FDP/OENJ	TAGM 4046	207916-004
	SP3-5-11-09-04	stockpile	C	11/9/2004	Re-Use	TAGM 4046	208015-001
	SP3-6-11-09-04	stockpile	C	11/9/2004	Re-Use	TAGM 4046	208015-002
	SP3-7-11-09-04	stockpile	C	11/9/2004	FDP/OENJ	TAGM 4046	208015-003
	SP3-8-111604	stockpile	C	11/16/2004	CENJ/OENJ	TAGM 4046	208070-003
	SP3-10-12-2-04	stockpile	C	12/2/2004	FDP/OENJ	TAGM 4046	208198-002
	SP3-11-12-2-04	stockpile	C	12/2/2004	Re-Use	TAGM 4046	208198-003
	SP3-9-12-2-04	stockpile	C	12/2/2004	OENJ	TAGM 4046	208198-001
	SP3-121404	stockpile	C	12/14/2004	Re-Use	TAGM 4046	208322-001
	SP3-121704	stockpile	C	12/17/2004	Re-Use	TAGM 4046	208377-008
	SP3-8-NE-122904	stockpile	C	12/29/2004	OENJ	EPA 8270, PCBs, Pesticides	208436-004
	SP3-8-NW-122904	stockpile	C	12/29/2004	OENJ	EPA 8270, PCBs, Pesticides	208436-001
	SP3-8-SE-122904	stockpile	C	12/29/2004	OENJ	EPA 8270, PCBs, Pesticides	208436-003
	SP3-8-SW-122904	stockpile	C	12/29/2004	OENJ	EPA 8270, PCBs, Pesticides	208436-002
	SP3-14-10405	stockpile	C	1/4/2005	Re-Use	TAGM 4046	208457-004
	SP3-14-10405	stockpile	C	1/4/2005	Re-Use	TAGM 4046	208572-001
	SP3-15-012505	stockpile	C	1/25/2005	Re-Use	TAGM 4046	208647-001
	SP3-16-012605	stockpile	C	1/26/2005	Re-Use	TAGM 4046	208647-003
	SP3-17-012605	stockpile	C	1/26/2005	Re-Use	TAGM 4046	208647-004
ON-SITE REUSE (PARK/PLAZA AREA)							
	BLDG4-B(4)-033005	in-situ (Geoprobe)	G	3/30/2005	FDP	TAGM 4046	209172-002
	BLDG4-H(4)-033005	in-situ (Geoprobe)	G	3/30/2005	Re-Use	TAGM 4046	209159-006

NOTES:

1) These samples were analyzed for the full TAGM 4046 compound list, at a minimum.

2) See Appendix G, CD2 and Appendix E, CD1 for Category 3 sample results.

3) See Table 6 for tabulated Category 3 sample results.

FDP = Disposed off-site at FDP Intermodal due to TAGM 4046 exceedances

OENJ = Disposed off-site at OENJ / Bayonne, NJ due to TAGM 4046 exceedances

Re-Use = Backfill for construction purposes in Parcel A, or transported to Ferry Point Park site for beneficial re-use.

TABLE 2A
CATEGORY 1
WASTE CHARACTERIZATION SAMPLE RESULTS
ATLAS PARK IRM AREA (PARCEL A)

Task Code Sample ID Sample Date Sample Type Unit	Hazardous Waste Regulatory Levels for Toxicity Characteristic mg/L	WC BLDG4-G-033005 3/30/2005 Composite mg/L
TCLP-VOCS		ND
TCLP-SVOCS		ND
TCLP-PESTICIDES		ND
TCLP-METALS		
BARIUM	100	0.469
LEAD	5	0.0161 B

NOTES:

RCRA = Resource Conservation and Recovery Act

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

TABLE 2A
CATEGORY 1
WASTE CHARACTERIZATION SAMPLE RESULTS
ATLAS PARK IIR AREA (PARCEL A)

Task Code Sample ID Sample Date Sample Type Unit	NYSDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVE mg/kg	WC-BLDG4 BLDG4-H(4)-033005 3/30/2005 Composite mg/kg	WC-BLDG4 BLDG4-B(4)-033005 3/30/2005 Grab mg/kg	WC-BLDG4 BLDG4-I(3)3005 3/30/2005 Composite mg/kg	WC-BLDG4 BLDG4-G(3)3005 3/30/2005 Composite mg/kg	WC-BLDG4 BLDG4-E(3)3005 3/30/2005 Composite mg/kg	WC-BLDG4 BLDG4-D(5)-033005 3/30/2005 Grab mg/kg
METALS							
ALUMINUM	30000	6020	13900	NA	NA	NA	5370
ARSENIC	12	1.5	2.8	1.1	1.1	1.5	1.3
BARIUM	600	18.5	91.5	54.7	44.4	52.6	41.6
BERYLLIUM	1.75	0.49	0.65	0.69	0.69	0.6	0.55
BORON	35000	NA	NA	NA	NA	NA	NA
CADMIUM	40	426	1300	NA	NA	NA	885
CALCIUM (TOTAL)	40	15.3	27.7	18.4	22.9	19.8	15.1
COBALT	60	4.6	14	NA	NA	NA	5
COPPER	60	12.8	21.9	23.4	NA	18.7	11.8
IRON	650000	10700	24700	NA	NA	NA	11000
LEAD	500	4.4	10	35.1	NA	54.3	9.3
MAGNESIUM	5000	2160	4680	NA	NA	NA	2120
MANGANESE	5000	206	587	12.5	NA	14.8	412
NICKEL	25	10.4	1950	NA	NA	NA	11.2
POTASSIUM	43000	477	83.2	NA	NA	NA	837
SODIUM	8000	98.4	1.7	NA	NA	NA	79.1
THALLIUM	300	1.3	U	U	U	U	1.5
ZINC	50	18.8	37.6	2.8	25.3	23	16.2
CHROMIUM III	50	14.4	54.6	62	NA	28.5	34.3
CHROMIUM VI	500	NA	NA	18.4	0	0.019	NA
REACTIVE SULFIDE	600	NA	NA	U	U	U	NA
MERCURY	0.2	0.014	0.011	0.048	0.19	0.012	0.011

NOTES:
1) NYSDEC HSCOs obtained from TAGM 404e.
2) NYSDEC exceedances are highlighted in **BOLD**.
NA= Not Analyzed

QUALIFIERS
U = Analyte was not detected at or above the reporting limit.
INORGANICS (METALS AND CYANIDE):
B = Result is less than the CROU/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 2A
CATEGORY 1
WASTE CHARACTERIZATION SAMPLE RESULTS
ATLAS PARK IIR AREA (PARCEL A)

Task Code Sample ID Sample Date Sample Type Unit	NYSDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVE mg/kg	WC-BLDG4 BLDG4-D-033005 3/30/2005 Composite mg/kg	WC-BLDG4 BLDG4-J61-033005 3/30/2005 Grab mg/kg	WC-BLDG4 BLDG4-A-033105 3/31/2005 Composite mg/kg	WC-BLDG4 BLDG4-F-033105 3/31/2005 Composite mg/kg	WC-BLDG4 BLDG4-Comp 1-041405 3/31/2005 Composite mg/kg	WC-BLDG4 BLDG4-Comp 2-041405 3/31/2005 Composite mg/kg
METALS							
ALUMINUM	33000	NA	19100	NA	10300	NA	NA
ARSENIC	12	NA	4.3	1.99	2.6	NA	NA
BARIUM	600	89.8	57	39.7	52.6	NA	NA
BERYLLIUM	1.75	NA	0.54	0.53	0.69	NA	NA
CALCIUM	35000	NA	NA	NA	N	NA	NA
CHROMIUM (TOTAL)	40	15	1030	NA	2170	NA	NA
COBALT	80	NA	11.9	19.2	25.7	NA	NA
COPPER	50	36.7	20.7	19.5	9.2	NA	NA
IRON	550000	NA	26200	NA	20500	NA	NA
LEAD	500	17.2	8.6	19.1	57.4	NA	NA
MAGNESIUM	5000	NA	3580	NA	2550	NA	NA
MANGANESE	5000	NA	304	NA	335	NA	NA
NICKEL	25	17.5	22.1	14.5	17.1	NA	NA
POTASSIUM	43000	NA	545	NA	656	NA	NA
SODIUM	8000	NA	129	NA	159	NA	NA
THALLIUM	300	NA	1.5	1.4	1.5	NA	NA
VANADIUM	50	21.5	51.1	25.2	23.8	NA	NA
ZINC	50	15	51.2	49.4	463	NA	NA
CHROMIUM III	500	0	NA	19	NA	NA	24.5
CHROMIUM VI	500	0	NA	1.8	NA	NA	NA
REACTIVE SULFIDE	0.2	0.072	0.037	0.039	NA	NA	NA
MERCURY							

NOTES:
1) NYSDEC RSCOs obtained from TAGM 4046.
2) NYSDEC exceedances are highlighted in **BOLD**.
NA= Not Analyzed

QUALIFIERS
U = Analyte was not detected at or above the reporting limit.
INORGANICS (METALS AND CYANIDE):
B = Result is less than the CRD/RL, but greater than or equal to the IDLMDL
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 2A
CATEGORY 1
WASTE CHARACTERIZATION SAMPLE RESULTS
ATLAS PARK IRM AREA (PARCEL A)

Task Code Sample ID Sample Date Sample Type	NYSDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVE	WC-BLDG4 BLDG4-H(4)-033005 3/30/2005 Grab	WC-BLDG4 BLDG4-H(4)-033005 3/30/2005 Composite	WC-BLDG4 BLDG4-S(4)-033005 3/30/2005 Grab	WC-BLDG4 BLDG4-S(4)-033005 3/30/2005 Composite	WC-BLDG4 BLDG4-G-033005 3/30/2005 Composite	WC-BLDG4 BLDG4-E-033005 3/30/2005 Composite
	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
VOCs							
ACETONE	200	4.3 JB	5.5 JB	2.1 JB	1.9 JB	1.9 U	7.3 J
DICHLOROMETHANE	100	5.6 JB	5.7 JB	8.9 JB	6.3 JB	7.2 JB	7.2 JB
TOTAL VOCs	10000	9.9	5.5	8.9	6.3	ND	14.5
SVOCs							
ACENAPHTHENE	50000	58 U	320 U	67 U	60 U	NA	59 U
ANTHRACENE	50000	58 U	1100 U	67 U	78 U	NA	59 U
BENZO(A)ANTHRACENE	224	48 U	4200 U	55 U	240 U	NA	48 U
BENZO(A)PYRENE	61	43 U	3100 U	50 U	240 U	NA	44 U
BENZO(B)FLUORANTHENE	220	98 U	2800 U	110 U	200 U	NA	100 U
BENZO(G,H)PERYLENE	50000	39 U	NA	45 U	NA	NA	40 U
BENZO(K)FLUORANTHENE	220	39 U	170 U	45 U	220 U	NA	40 U
BIS(2-ETHYLHEXYL)PHTHALATE	50000	73 U	3900 U	53 U	280 U	NA	170 U
CHRYSENE	400	44 U	170 U	51 U	271 U	NA	45 U
DIBENZO(A,H)ANTHRACENE	14	39 U	3300 U	64 U	73 U	NA	40 U
DIBENZOFURAN	6200	50 U	8300 AD	51 U	430 U	NA	57 U
FLUORENE	50000	46 U	310 U	52 U	47 U	NA	46 U
INDENO(1,2,3-CD)PYRENE	3200	36 U	3100 U	41 U	200 JM	NA	36 U
NAPHTHALENE	13000	60 U	120 U	69 U	62 U	NA	61 U
PHENANTHRENE	50000	41 U	NA	47 U	NA	NA	59 U
PYRENE	50000	49 U	7700 AD	56 U	440 U	NA	286
TOTAL SVOCs	500000	73	40000	ND	2679	ND	286
PESTICIDES							
1,1,1-TRICHLORO-2,2,2-TRIS (P-METHOXY)PHENYLETHANE	10000	2.3 U	42 U	2.6 U	2.4 U	2.3 U	2.3 U
4,4'-DDE	2100	0.46 U	12 U	0.53 U	1.3 J	NA	0.47 U
4,4'-DDT	2100	0.33 U	0.33 U	0.38 U	1.3 J	NA	0.33 U
ALDRIN	41	0.38 U	0.38 U	0.44 U	0.4 U	NA	0.38 U
ALPHA-CHLORDANE	540	0.12 U	NA	0.14 U	NA	NA	NA
BETA-BHC	200	0.29 U	NA	0.33 U	NA	NA	NA
ENDOSULFAN SULFATE	1000	0.15 U	NA	0.21 U	NA	NA	NA
PCBS							
AROCLOR - 1264 (PCB-1264)		1.3 U	1.3 U	1.5 U	1.4 U	NA	1.3 U
AROCLOR - 1260 (PCB-1260)		4.3 U	4.2 U	4.8 U	4.5 U	NA	4.3 U
TOTAL PCBS	10000	ND	ND	ND	ND	NA	ND
HERBICIDES							
2,4-D	500	4 U	NA	4 U	NA	NA	NA
SILVEX	700	4.8 U	NA	4.8 U	NA	NA	NA
REACTIVE CYANIDE	250000	NA	500 (RL)	NA	NA	NA	NA
MOISTURE							
Total Solids		93.2	7.1	18.8	12.2	10.3	7.4
			92.9	81.2	87.8	89.7	92.6

NOTES:
 1) NYSDEC RSCOs obtained from TAGM 4048.
 2) NYSDEC exceedances are highlighted in **BOLD**.
 ND= Not Detected
 NA= Not Analyzed

QUALIFIERS
 D = Results for a diluted sample, # indicates the dilution factor.
 H = Alternate Peak Selection Upon Analytical Review
 U = Analyte was not detected at or above the reporting limit.
ORGANICS: (PCBs, Pesticides, and Herbicides)
 A = Concentration exceeds the instrument calibration range or below the reporting limit
 J = Result is an estimated value below the reporting limit of a tentatively identified compound (TIC).
 M = Manually Integrated compound.
 B = Compound was detected in the blank and sample.

TABLE 2A
CATEGORY 1
WASTE CHARACTERIZATION SAMPLE RESULTS
ATLAS PARK IIRM AREA (PARCEL A)

[illegible]

NOTES:

1) NYSDC RSCOs obtained from TAGM 4046.

2) NYSDC exceedances are highlighted in **BOLD**.

ND= Not Detected

NA= Not Analysed

QUALIFIERS

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

H = Alternate Peak Selection Upon Analytical Review

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

ORGANICS: (PCBS, Pesticides, and Herbicides)

A = Concentration exceeds the instrument calibration range or below 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 2A
CATEGORY 1
WASTE CHARACTERIZATION SAMPLE RESULTS
ATLAS PARK IIR AREA (PARCEL A)

Task Code Sample ID Sample Type Sample Date	NYSDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVE	WC-BLDG4 Composite 4/14/2005	WC-BLDG4 Composite 4/14/2005	WC-BLDG4 Composite 4/19/2005
VOCs	ug/kg	ug/kg	ug/kg	ug/kg
TOTAL VOCs	10000	ND	ND	ND
SVOCs	ug/kg	ug/kg	ug/kg	ug/kg
BENZO(A)ANTHRACENE	224	114	93	40
BENZO(A)PYRENE	61	143	125	40
BENZO(B)FLUORANTHENE	220	61	43	40
BENZO(K)FLUORANTHENE	220	125	98	40
CHRYSENE	400	265	183	40
FLUORANTHENE	50000	70	50	84
INDENO(1,2,3-CD)PYRENE	3200	223	171	40
PYRENE	50000	1126	870	71
TOTAL SVOCs	500000			155
METALS	mg/kg	mg/kg	mg/kg	mg/kg
ARSENIC	12	1.93	5.28	5.22
BARIUM	600	36.6	38.4	21.1
CHROMIUM-III	50	13.7	13.4	9.67
COPPER	500	14.5	18.5	17.3
LEAD	500	8.72	19.5	5.24
NICKEL	25	9.43	8.08	8.49
VANADIUM	300	18.4	16.8	12.2
ZINC	50	31	40.7	26.5
MERCURY	0.2	0.02	0.085	0.02
PESTICIDES	ug/kg	ug/kg	ug/kg	ug/kg
		ND	ND	ND
PCBS	ug/kg	ug/kg	ug/kg	ug/kg
TOTAL PCBS	10000	ND	ND	ND
TPH	mg/kg	mg/kg	mg/kg	mg/kg
Total Petroleum Hydrocarbon		57	228	228
RCRA CHARACTERISTICS				
REACTIVE CYANIDE	250000	< 5.0 mg/kg	< 5.0 mg/kg	< 5.0 mg/kg
REACTIVE SULFIDE		< 2.0 mg/kg	< 2.0 mg/kg	< 2.0 mg/kg
pH		6.2 units	6.77 units	7.42 units
Flashpoint		>140 degrees (F)	>140 degrees (F)	>140 degrees (F)
ASBESTOS				
PLM Analysis		ND	ND	ND

NOTES:
1) NYSDDEC RSCOs obtained from TAGM 4045.
2) NYSDDEC exceedances are highlighted in
ND= Not Detected
NA= Not Analysed

TABLE 2A
CATEGORY 1
WASTE CHARACTERIZATION SAMPLE RESULTS
ATLAS PARK IIR AREA (PARCEL A)

Task Code Sample ID Sample Date Sample Type	NYSDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVE	WC-GAR GAR-E-040105 4/1/2005 Composite	WC-GAR GAR-E2(5)-040105 4/1/2005 Grab	WC-GAR GAR-D1(5)-040105 4/1/2005 Grab	WC-GAR GAR-D2(5)-040105 4/1/2005 Grab	WC-GAR GAR-F-040105 4/1/2005 Composite
	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
METALS						
ALUMINUM	33000	7000	UN	7170	8400	3.19 BN
ARSENIC	12	1.6	UN	1.3	1.6	55.9 U
BARIUM	600	28.1	U	42.8	37.2	0.629 U
BERYLLIUM	1.75	0.66	U	0.55	0.65	NA
CALCIUM	35000	858	U	3220	1060	23.3
CHROMIUM (TOTAL)	40	11.8	18.9	17.2	17.2	26.5
CHROMIUM III		NA	19.2	NA	NA	0
CHROMIUM VI		NA	1.5	NA	NA	NA
COBALT	60	NA	NA	6.4	7	NA
COPPER	50	38.3	11	17.7	20.9	18.3
IRON	550000	NA	10000	13500	17300	NA
LEAD	500	156	5.5	9.1	14.8	13
MAGNESIUM	5000	NA	2310	3120	3110	NA
MANGANESE	5000	NA	510	437	633	NA
NICKEL	25	20.3	12.7	16.3	16.7	15.9
POTASSIUM	43000	NA	624	716	774	NA
SODIUM	8000	NA	82.3	124	68.2	NA
VANADIUM	300	34.2	17.5	21.4	21.1	28
ZINC	50	109	26.4	24	39.9	37
MERCURY	0.2	0.029	0.017	0.014	0.02	0.036
		%	%	%	%	%
MOISTURE		16.5	11.2	7	9.1	12.1
Total Solids		83.5	88.8	93	90.9	87.9

NOTES:

- 1) NYSDC RSCOs obtained from TAGM 4046.
- 2) NYSDC exceedances are highlighted in **BOLD**.

QUALIFIERS

D⁺ = Results for a diluted sample, # indicates the dilution factor.
V = Result was changed because of Data Validation.
U = Analyte was not detected at or above the reporting limit.
INORGANICS (METALS AND CYANIDE):
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 2A
CATEGORY 1
WASTE CHARACTERIZATION SAMPLE RESULTS
ATLAS PARK ILM AREA (PARCEL A)

Task Code Sample ID Sample Date Sample Type Unit	NYSDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVE ug/Kg	WC GAR-E-040105 Composite ug/Kg	WC GAR-E2(5)-040105 Grab ug/Kg	WC GAR-D-040105 Composite ug/Kg	WC GAR-D1(5)-040105 Grab ug/Kg	WC GAR-D2(5)-040105 Grab ug/Kg	WC GAR-F-040105 Composite ug/Kg
VOCs							
1,1,1,2-TETRACHLOROETHANE	-	< 1.1 U	NA	< 0.99 U	NA	NA	< 1 U
1,1,2-TRICHLOROETHANE	-	< 0.72 U	NA	< 0.66 U	NA	NA	< 0.68 U
ACETONE	200	2 U	1.9 U	10 JB	1.8 UB	12 B	20 B
DICHLOROMETHANE	100	10 JB	8.1 JB	8.7 JB	7.1 JB	6.6 JB	8.5 JB
TETRACHLOROETHENE	1400	4.8 J	3.3 J	4.2 J	2 U	2.1 U	6.9
TOTAL VOCs	10000	14.8	11.4	22.9	7.1	6.6	35.4
SVOCs							
ACENAPHTHENE	50000	450	60 U	140 U	57 U	80 U	62 U
ANTHRACENE	50000	1100	53 J	510 J	110 J	71 J	62 U
BENZOANTHRACENE	224	2300	340	1800	220 J	190 J	51 U
BENZOAPYRENE	61	2800	380	1400	140 J	120 J	46 U
BENZO(B)FLUORANTHENE	220	1700	540	1300	140 J	120 J	100 U
BENZO(G,H,I)PERYLENE	50000	NA	200 J	NA	150 J	150 J	NA
BENZO(K)FLUORANTHENE	220	1500	41 U	860	150 J	110 J	42 U
BENZOIC ACID	27000	55	99 U	NA	93 U	98 U	NA
BIS(2-ETHYLHEXYL)PHTHALATE	50000	400	380 J	110 J	300 J	48 U	49 U
CHRYSENE	14	2800	41 U	1400	200 J	190 J	47 U
DIBENZ(A,H)ANTHRACENE	50000	4100	640 AD	2400	38 U	40 U	42 U
FLUORENE	50000	350 J	47 U	150 J	44 U	300 J	47 U
INDEN(1,2,3-CD)PYRENE	3200	1000	190 J	900	120 J	47 U	48 U
NAPHTHALENE	13000	120 J	63 U	110 J	59 U	110 J	38 U
PHENANTHRENE	50000	NA	230 J	NA	350	62 U	64 U
PYRENE	50000	3500	AD	2500	350	320 J	NA
TOTAL SVOCs	500000	22775	3661	11190	2750	2101	52 U
PESTICIDES							
1,1,1-TRICHLORO-2,2-BIS (P-METHOXY)PHENYLETHANE	10000	5.1 J	2.4 U	12 J	2.4 J	3.7 J	2.4 U
4,4'-DDE	2100	8.4	1.8 J	6.4 U	1.6 J	2.9 J	0.48 U
4,4'-DDT	2100	7.2	< 0.35 U	0.33 U	< 0.33 U	0.34 U	0.34 U
ENDOSULFAN II	900	NA	0.34 J	NA	0.46 J	0.85 J	NA
ENDOSULFAN SULFATE	1000	NA	0.64 J	NA	0.54 J	0.9 J	NA
HEPTACHLOR EPOXIDE	20	NA	< 0.13 U	NA	< 0.12 U	0.17 J	NA
PCBS							
AROCLOR - 1260 (PCB-1260)		9.6 JM	4.5 U	4.3 U	4.2 U	4.4 U	4.4 U
	10000	9.6	ND	ND	ND	ND	ND
HERBICIDES							
		NA	ND	NA	ND	ND	NA
CYANIDE (TOTAL)		< 31.6 U	< 30 U	< 28.3 U	< 28.1 U	< 29 U	< 30 U

NOTES:
 1) NYSDEC BSCOs obtained from TAGM 4048.
 2) NYSDEC exceedances are highlighted in **BOLD**.

QUALIFIERS
 D⁺ = Results for a diluted sample, # indicates the dilution factor.
 H = Alternate Peak Section Upon Analytical Review
 U = Analyte was not detected at or above the reporting limit.
 A = Concentration exceeds the instrument calibration range or below the reporting limit
ORGANICS: (PCBS, Pesticides, and Herbicides)
 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 2A
CATEGORY 1
WASTE CHARACTERIZATION SAMPLE RESULTS
ATLAS PARK IRM AREA (PARCEL A)

Task Code Sample ID Sample Date Sample Type	NYSDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVE	WC-GAR GAR-Comp-1-041905 4/19/2005 Composite	WC-GAR GAR-Comp-2-041905 4/19/2005 Composite
VOCS	ug/kg	ug/kg	ug/kg
TOTAL VOCS	10000	ND	ND
SVOCS	ug/kg	ug/kg	ug/kg
ANTHRACENE	50000	50	< 40 U
BENZO(A)ANTHRACENE	224	200	92
BENZO(A)PYRENE	61	193	76
BENZO(B)FLUORANTHENE	220	257	91
BENZO(K)FLUORANTHENE	220	95	41
CHRYSENE	400	224	87
FLUORANTHENE	50000	502	186
FLUORENE	50000	42	< 40 U
INDENO(1,2,3-CD)PYRENE	3200	102	45
PYRENE	50000	406	160
TOTAL SVOCS	500000	2071	778
METALS	mg/kg	mg/kg	mg/kg
BARIUM	600	45.8	4.93
CHROMIUM-III		11.8	3.81
COPPER	50	36.7	29.7
LEAD	500	47.3	5.89
NICKEL	25	12.2	1.89
VANADIUM	300	18.4	4.09
ZINC	50	31	9.93
MERCURY	0.2	0.119	< 0.02 U
PESTICIDES	ug/kg	ug/kg	ug/kg
ENDOSULFAN I	900	14.9	< 5 U
PCBS	ug/kg	ug/kg	ug/kg
TOTAL PCBS	10000	ND	ND
TPH	mg/kg	mg/kg	mg/kg
Total Petroleum Hydrocarbon	—	57	228
RCRA CHARACTERISTICS			
REACTIVE CYANIDE	250000	< 5.0 mg/kg	< 5.0 mg/kg
REACTIVE SULFIDE		< 2.0 mg/kg	< 2.0 mg/kg
pH		8.55 units	6.77 units
Flashpoint		>140 degrees (F)	>140 degrees (F)
ASBESTOS			
PLM Analysis		ND	ND

NOTES:

- 1) NYSDEC RSCOs obtained from TAGM 4046.
 - 2) NYSDEC exceedances are highlighted in
- ND= Not Detected
NA= Not Analysed

TABLE 2A
CATEGORY 1- STOCK PILES
WASTE CHARACTERIZATION SAMPLE RESULTS
ATLAS PARK IIR AREA (PARCEL A)

Task Code	NYSDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVE	WC-SP SP-1-1 10/19/2004 Composite	WC-SP SP-3-7-11-09-04 11/9/2004 Composite	WC-SP SP-3-8-11-16-04 11/18/2004 Composite	WC-SP SP-3-9-12-2-04 12/2/2004 Composite	WC-SP SP-3-10-12-2-04 12/2/2004 Composite	WC-SP SP-1-1-012505 1/25/2005 Composite
Sample ID	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Sample Date							
Sample Type							
METALS							
ALUMINUM	33000	7970 D ²	5920	4140	11500	9880	8350
ANTIMONY	<	0.93 UD ²	<	1.2	<	<	<
ARSENIC	12	4.1 8D ²	1.5 B	1.6 BN	1.7	1.4 U	1.5 UN
BARIUM	600	86 D ²	44.5	25.8 X	46.7	60.1	2.8 BN
BERYLLIUM	1.75	0.84 8D ²	0.47 U	0.53 U	0.69 U	0.59 U	60.8
CALCIUM	35000	6100 D ²	795	1140 N	1290 X	1630 X	0.66 U
CHROMIUM (TOTAL)	40	26.2 D ²	13.4	10.6 X	28	22.2 X	2620 XN
COBALT	60	10.9 D ²	5	4	8	8.5 X	18.3 N
COPPER	50	176 D ²	150.3	12.9 X	20.8 X	22.1 X	6.4
IRON	550000	18500 D ²	11700	9820 X	19900 X	19700 X	37.3
LEAD	500	145 D ²	9.8	5.8 BN	11.8 BN	12 N	15000
MAGNESIUM	5000	4280 D ²	2030	1930	3500	3640	74.2 N
MANGANESE	5000	402 D ²	314	233	391	497	3060
MERCURY	0.2	0.026 D ²	0.035 B	0.015 U	0.041	0.033 B	390
NICKEL	25	31.2 D ²	10.9	8.4	19.4	18.5	0.12
POTASSIUM	43000	811 D ²	691	468	881	1140	13.7
SODIUM	8000	224 D ²	96.7	88.2 B	121 BX	190 X	693 X
VANADIUM	300	27.1 D ²	17.5 X	14.5 X	30.6 X	26.9 X	135 N
ZINC	50	791 D ²	40.2	18.7 BXN	63.3 N	60.4 N	21.6
							94.4
DRO							
Total DRO		NA	NA	NA	NA	NA	NA
RCRA CHARACTERISTICS							
REACTIVITY	NEGATIVE	NA	NA	NA	NA	NA	NA
REACTIVE CYANIDE	250	NA	NA	NA	NA	NA	NA
REACTIVE SULFIDE	500	NA	NA	NA	NA	NA	NA
TPH		NA	NA	NA	NA	NA	NA
QUALIFIERS							
MOISTURE		%	%	%	%	%	%
TOTAL SOLIDS		8	7.3	6.1	14.1	13.7	12
		92	92.7	93.9	85.9	86.3	88

NOTES:
 1) NYSDC RSCOs obtained from TAGM 4046.
 NA = Not Analyzed

QUALIFIERS
 D² = Results for a diluted sample, # indicates the dilution factor.
 U = Analysis was not detected at or above the reporting limit.
INORGANICS (METALS AND CYANIDE):
 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 2A
CATEGORY 1- STOCK PILES
WASTE CHARACTERIZATION SAMPLE RESULTS
ATLAS PARK IRM AREA (PARCEL A)

Task Code Sample ID Sample Date Sample Type	NYSDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVE	WC-SP SP-1-2-012505 1/25/2005 Composite	WC-SP SP-1-3-012505 1/25/2005 Composite	WC-SP SP-1-4-020405 2/4/2005 Composite	WC-SP SP-1-5-020405 2/4/2005 Composite	WC-SP SP-1-6-020405 2/4/2005 Composite	WC-SP SP-1-7-020405 2/4/2005 Composite
	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
METALS							
ALUMINUM	33000	<	8710	<	1.65	U	<
ANTIMONY			1.3	UN	1.65	U	NA
ARSENIC	12	4	3.9	BN	1.65	U	1.65
BARIUM	600		108		133		3.05
BERYLLIUM	1.75	<	0.66	U	1	U	50.2
CALCIUM	35000		3580	XN	1.65	U	1.65
CHROMIUM (TOTAL)	40		17.4	N	NA		NA
COBALT	60		6.3		41.2		13.1
COPPER	50		49.8		NA		NA
IRON	550000		15100		67.2		29.3
LEAD	500		40.2	N	13.9		202
MAGNESIUM	5000		2860		NA		NA
MANGANESE	5000		382		NA		NA
MERCURY	0.2		0.12		0.06		0.092
NICKEL	25		13.7		10.2		9.24
POTASSIUM	43000		659	X	NA		NA
SODIUM	8000		148	N	NA		NA
VANADIUM	300		21.6		27.7		NA
ZINC	50		113		36.2		16.1
DRO							
Total DRO		NA	NA	NA	NA	NA	NA
RCRA CHARACTERISTICS							
REACTIVITY							
REACTIVE CYANIDE	NEGATIVE	NA	NA	NA	NA	NA	NA
REACTIVE SULFIDE	250	NA	NA	NA	NA	NA	NA
REACTIVE SULFIDE	500	NA	NA	NA	NA	NA	NA
TPH		NA	NA	NA	NA	NA	NA
MOISTURE		%	%	%	%	%	%
TOTAL SOLIDS		14.4	13.1				
		86.6	86.9				

NOTES:
 1) NYSDEC RSCOs obtained from TAGM 4046.
 NA = Not Analyzed

TABLE 2A
CATEGORY 1- STOCK PILES
WASTE CHARACTERIZATION SAMPLE RESULTS
ATLAS PARK IIR AREA (PARCEL A)

Task Code	NYSDEC TAGM	WC-SP	WC-SP	WC-SP	WC-SP	WC-SP	WC-SP
Sample ID	RECOMMENDED SOIL	SP-1A-1-020805	SP-1-10-021705	SP-1-9-021705	SP-1-8-021505	SP-1-A-030305	
Sample Date	CLEANUP OBJECTIVE	2/18/2005	2/18/2005	2/18/2005	2/18/2005	3/3/2005	
Sample Type		Composite	Composite	Composite	Composite	Composite	
	mg/Kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
METALS							
ALUMINUM	33000	8380	NA	NA	10600	7580	
ANTIMONY	12	3.4	BN <	1.65	U <	U <	U
ARSENIC	600	5.1	BN	2.87	U	1.65	U
BARIUM	175	64.9	X	51.8	32.6	41	U
BERYLLIUM	35000	0.64	U <	1.65	U <	1.65	U
CALCIUM	40	5540	X	NA	NA	2027	
CHROMIUM (TOTAL)	60	16.5	X	15.8	13	12.5	
COBALT	50	6.2	NA	NA	21.8	13	
COPPER	550000	26.7	X	25.3	7.7	5.47	
IRON	500	13100	X	NA	49.6	18.5	
LEAD	5000	162	X	37.3	17500	13733	
MAGNESIUM	5000	3450	XN	NA	71.6	17	
MANGANESE	5000	394	X	NA	3770	2834	
MERCURY	0.2	0.23		0.035	0.13	0.031	
NICKEL	25	28.5		10.2	15.8	9.16	
POTASSIUM	43000	594	NA	NA	954	776	
SODIUM	8000	179	NA	NA	260	147	
VANADIUM	300	25.4	X	18.4	27.3	18.9	
ZINC	50	819	XN	66	133	50.2	
DRO							
Total DRO		NA	NA	NA	NA	NA	
RCRA CHARACTERISTICS							
REACTIVITY	NEGATIVE	NA	NA	NA	NA	NA	
REACTIVE CYANIDE	250	NA	5	U <	NA	5	U
REACTIVE SULFIDE	500	NA	2	U <	NA	2	U
TPH		NA	NA	NA	NA	97	
MOISTURE							
TOTAL SOLIDS		%	%	%	%	%	
		NA	11.2	NA	24.4	NA	
		NA	88.8	NA	75.6	NA	
							10.34

NOTES:

1) NYSDC RSCOs obtained from TAGM 4046.
 NA = Not Analyzed
 D* = Results for a diluted sample, # indicates the dilution factor.
 U = Analyte was not detected at or above the reporting limit.
INORGANICS (METALS AND CYANIDE):
 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: Spika recovery exceeds the upper or lower control limits.

TABLE 2A
CATEGORY 1- STOCK PILES
WASTE CHARACTERIZATION SAMPLE RESULTS
ATLAS PARK IIR AREA (PARCEL A)

Task Code Sample ID Sample Date Sample Type	NYSDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVE	WC-SP SP-1-D-030305 3/3/2005 Composite	WC-SP SP-1-B-030305 3/3/2005 Composite	WC-SP SP-1-C-030305 3/3/2005 Composite	WC-SP SP1-A-030805 3/9/2005 Composite	WC-SP SP3-4-102704 10/27/2004 Composite	WC-SP SP1-B-030805 3/9/2005 Composite
	mg/Kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
METALS							
ALUMINUM	33000	7580	8253	7096	7893	10300	9590
ANTIMONY		<	1.65	U <	1.65	U <	D ²⁵
ARSENIC	12	2.33	2.92	2.11	2.77	1.1	UN ²⁵
BARIUM	500	40.6	50.3	36.3	53.9	2	BD ²⁵
BERYLLIUM	1.75	1.65	1.65	U <	1.65	U <	D ²⁵
CALCIUM	35000	2027	5595	1767	4453	0.48	UD ²⁵
CHROMIUM (TOTAL)	40	12.5	14.4	11.7	17.5	785	ND ²⁵
COBALT	60	5.47	5.81	5.1	6.77	19.9	ND ²⁵
COPPER	50	31.3	46.4	22.3	57.5	7.6	D ²⁵
IRON	550000	13733	15542	12728	14232	19.4	D ²⁵
LEAD	500	17	37.1	22.6	63	15500	D ²⁵
MAGNESIUM	5000	2834	3773	2703	3084	10.5	D ²⁵
MANGANESE	5000	291	283	263	3084	2710	XD ²⁵
MERCURY	0.2	0.031	0.207	0.108	0.085	445	D ²⁵
NICKEL	25	9.16	9.72	9.38	13.1	0.055	0.07
POTASSIUM	43000	776	879	739	707	14.7	D ²⁵
SODIUM	8000	147	198	139	199	597	D ²⁵
VANADIUM	300	18.9	19.9	17.5	21.1	65.9	BD ²⁵
ZINC	50	5012	105	514	448	25.2	XD ²⁵
						37.2	ND ²⁵
DRO							
Total DRO		NA	NA	NA	NA	NA	NA
RCRA CHARACTERISTICS							
REACTIVITY	NEGATIVE	NA	NA	NA	NA	NA	NA
REACTIVE CYANIDE	250	5	5	U <	5	U	<
REACTIVE SULFIDE	500	2	2	U <	2	U	<
TPH		702	392	188	NA	NA	NA
MOISTURE		%	%	%	%	%	%
TOTAL SOLIDS		10.35	10.81	16.82	NA	11.4	NA
					NA	88.6	NA

NOTES:
 1) NYSDEC RSCOs obtained from TAGM 4046.
 NA = Not Analyzed

QUALIFIERS
 D²⁵ = Results for a diluted sample, # indicates the dilution factor.
 U = Analyte was not detected at or above the reporting limit.
INORGANICS (METALS AND CYANIDE):
 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 2A
CATEGORY 1- STOCK PILES
WASTE CHARACTERIZATION SAMPLE RESULTS
ATLAS PARK IIR AREA (PARCEL A)

Task Code Sample ID Sample Date Sample Type	NYSDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVE	WC-SP SP1-C-030805 3/9/2005 Composite	WC-SP SP1-D-030805 3/9/2005 Composite	WC-SP SP1-C1-031005 3/10/2005 Composite	WC-SP SP1-C2-031005 3/10/2005 Composite	WC-SP SP1-D1-031005 3/10/2005 Composite	WC-SP SP-B41-031405 3/14/2005 Composite	WC-SP SP-ADE-051205 5/12/2005 Composite
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
METALS								
ALUMINUM	33000	7704	7450	21887	7450	7450	NA	NA
ANTIMONY		1.65	1.65	U <	1.65	1.65	U <	U <
ARSENIC	12	1.87	1.91	2.28	34.4	34.4	1.95	4.6
BARIUM	600	39.6	34.4	42	34.4	34.4	32.4	90
BERYLLIUM	1.75	1.85	1.65	U <	1.65	1.65	U <	0.592
CALCIUM	35000	1814	2255	2873	2255	2255	NA	NA
CHROMIUM (TOTAL)	40	14.1	14.2	12.8	14.2	14.2	12.9	26
COBALT	60	5.69	5.29	2.45	5.29	5.29	NA	NA
COPPER	50	18.3	17	19	17	17	16.5	77
IRON	550000	12672	12195	12569	12195	12195	NA	NA
LEAD	500	15.1	11.2	26.1	11.2	11.2	24.7	128
MAGNESIUM	5000	2710	2743	2842	2743	2743	NA	NA
MANGANESE	5000	271	227	277	227	227	NA	NA
MERCURY	0.2	0.032	0.067	0.082	0.067	0.067	0.023	0.311
NICKEL	25	9.44	9.11	9.31	9.11	9.11	7.98	16.3
POTASSIUM	43000	765	797	915	797	797	NA	NA
SODIUM	8000	159	144	290	144	144	NA	NA
VANADIUM	300	20.2	19.4	17.1	19.4	19.4	16.6	34.3
ZINC	50	45.3	48.9	49.7	48.9	48.9	48.1	171
DRO								
Total DRO		NA	NA	NA	NA	NA	NA	126
RCRA CHARACTERISTICS								
REACTIVITY		NA	NA	NA	NA	NA	NA	Negative
REACTIVE CYANIDE	250	5	5	5	5	5	NA	NA
REACTIVE SULFIDE	500	2	2	2	2	2	NA	NA
TPH		NA	NA	NA	NA	NA	NA	NA
MOISTURE		%	%	%	%	%	%	%
TOTAL SOLIDS		NA	NA	NA	NA	NA	NA	NA

NOTES:
 1) NYSDC RSCOs obtained from TAGM 4046.
 NA = Not Analyzed

TABLE 2A
CATEGOR 1- STOCK PILES
WASTE CHARACTERIZATION SAMPLE RESULTS
ATLAS PARK IIRM AREA (PARCEL A)

Task Code Sample ID Sample Type Sample Date	Hazardous Waste Regulatory Levels for Toxicity Characteristic	WC-SP SP-1-4-020405 Composite 2/4/2005	WC-SP SP-1-5-020405 Composite 2/4/2005	WC-SP SP-1-4-020405 Composite 2/4/2005	WC-SP SP-1-3-020405 Composite 2/4/2005	WC-SP SP-1-D-030705 Composite 3/7/2005	WC-SP SP-1-A-030705 Composite 3/7/2005	WC-SP SP-1-B-030705 Composite 3/7/2005	WC-SP SP-1-C-030705 Composite 3/7/2005
TCIP SVOCs									
2,4,5-TRICHLOROPHENOL	40000	NA	NA	NA	NA	U	U	U	U
2,4,6-TRICHLOROPHENOL	2000	NA	NA	NA	NA	U	U	U	U
2,4-DINITROTOLUENE	130	NA	NA	NA	NA	U	U	U	U
2-METHYLPHENOL		NA	NA	NA	NA	U	U	U	U
HEXACHLORO-1,3-BUTADIENE	500	NA	NA	NA	NA	U	U	U	U
HEXACHLOROBENZENE	100	NA	NA	NA	NA	U	U	U	U
HEXACHLOROETHANE		NA	NA	NA	NA	U	U	U	U
1,1,1-TRICHLOROETHANE		NA	NA	NA	NA	U	U	U	U
NITROBENZENE	2000	NA	NA	NA	NA	U	U	U	U
PENTACHLOROPHENOL	100000	NA	NA	NA	NA	U	U	U	U
PYRIDINE	5000	NA	NA	NA	NA	U	U	U	U
TCIP PESTICIDES									
1,1,1-TRICHLORO-2,2-BIS (P-METHYL) CHLORODANE	10	NA	NA	NA	NA	U	U	U	U
CHLORODANE	0.03	NA	NA	NA	NA	U	U	U	U
ENDRIN	0.02	NA	NA	NA	NA	U	U	U	U
GAMMA - BHC (LINDANE)	0.4	NA	NA	NA	NA	U	U	U	U
HEPTACHLOR	0.008	NA	NA	NA	NA	U	U	U	U
TOXAPHENE	0.5	NA	NA	NA	NA	U	U	U	U
TCIP HERBICIDES									
TCIP METALS									
ARSENIC	mg/l	NA	NA	NA	NA	mg/l	mg/l	mg/l	mg/l
BARIUM	5	NA	NA	NA	NA	U	U	U	U
CADMIUM	100	NA	NA	NA	NA	U	U	U	U
CHROMIUM VI	1	NA	NA	NA	NA	U	U	U	U
LEAD	5	NA	NA	NA	NA	U	U	U	U
SELENIUM	1	NA	NA	NA	NA	U	U	U	U
SILVER	5	NA	NA	NA	NA	U	U	U	U
MERCURY	0.2	NA	NA	NA	NA	U	U	U	U
RCRA CHARACTERISTICS									
FLASH POINT		> 140 F°	> 140 F°	> 140 F°	> 140 F°	NA	NA	NA	NA
pH		6.74	7.1	7.38	7.83	NA	NA	NA	NA
REACTIVE CYANIDE		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
REACTIVE SULFIDE		U	U	U	U	U	U	U	U
PLM ANALYSIS (ASBESTOS)									
ND									

NOTES:

1) NYSDDEC RSCOs obtained from TAGM 4046.

QUALIFIERS

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

TABLE 2A
CATEGORY 1- STOCK PILES
WASTE CHARACTERIZATION SAMPLE RESULTS
ATLAS PARK IIRM AREA (PARCEL A)

Task Code Sample ID Sample Date Sample Type Unit	INVESTIGATOR RECOMMENDED SOIL CLEANUP OBJECTIVE ug/kg	WC-SP SP-11 10/19/2004 Composite ug/kg	WC-SP SP-37-11-08-04 11/15/2004 Composite ug/kg	WC-SP SP-18-11-04 11/16/2004 Composite ug/kg	WC-SP SP-18-11-04-04 11/16/2004 Composite ug/kg	WC-SP SP-3-10-12-04 12/22/2004 Composite ug/kg
VOLATILES						
ACETONE	200	1.8	3.1	JB	5	JB
CHLOROBENZENE	1700	<	0.43	U	1.4	U
DIBROMOMETHANE	100	NA	NA	NA	NA	NA
DICHLOROMETHANE	1500	4.6	4.5	JB	8	JB
METHYLBENZENE	1400	<	0.43	U	0.43	U
TETRACHLOROETHENE	700	0.85	0.65	U	0.84	U
TOLUENE	1900	0.33	0.32	U	0.32	U
SOLIDS						
2-METHYLNAPHTHALENE	28400	57	55	U	55	U
ACENAPHTHENE	41000	199	47	U	57	U
ANTHRACENE	50000	97	57	U	57	U
BENZOFURANTHRENE	224	440	47	U	130	U
BENZOPHANTHRENE	81	920	43	U	130	U
BENZOFURANTHRENE	220	180	38	U	110	U
BENZOFURANTHRENE	220	180	38	U	110	U
BENZYL ALCOHOL	50000	68	39	U	130	U
CHRYSENE	400	92	44	U	46	U
DIBENZO-A-NAPHTHACENE	14	970	44	U	130	U
DIBENZO-A-NAPHTHACENE	8200	93	39	U	39	U
DIBENZO-A-NAPHTHACENE	21000	120	55	U	55	U
FLUORANTHENE	50000	2000	44	U	260	U
FLUORENE	3200	61	26	U	45	U
INDENOL-1,2,3-DIPIRENE	13000	220	41	U	45	U
NAPHTHALENE	50000	1200	41	U	110	U
PYRENE	50000	1500	48	U	220	U
TOTAL SVOCs						
PESTICIDES						
1,1,1-TRICHLORO-2,2-BIS (P-METHOXY)PHENYLENE	10000	23	2.2	U	NA	U
4,4'-DDD	2900	2.2	0.4	U	NA	U
4,4'-DDE	2100	2.8	0.79	U	NA	U
4,4'-DDT	41	4.7	0.56	U	NA	U
ALDRIN	540	0.39	0.35	U	NA	U
BETA-BHC	200	1.2	0.24	U	NA	U
CHLORDANE	200	17	0.29	U	NA	U
DELTA-BHC	200	0.11	NA	U	NA	U
ENDOSULFAN	900	0.18	0.31	U	NA	U
ENDOSULFAN SULFATE	1000	3.4	1.2	U	NA	U
ENDRIN	100	0.69	0.84	U	NA	U
ENDRIN ALDEHYDE	100	1.8	NA	U	NA	U
HEPTACHLOR	100	3.3	1.1	U	NA	U
HEPTACHLOR EPOXIDE	20	0.65	0.18	U	NA	U
GAMMA-CHLORDANE	540	0.12	0.41	U	NA	U
		0.4	0.23	U	NA	U

TABLE 2A
CATEGORY 1-8 STOCK PILES
WASTE CHARACTERIZATION SAMPLE RESULTS
ATLAS PARK IJM AREA (PARCEL A)

Task Code Sample ID Sample Date Sample Type Unit	NYDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVE ug/Kg	WC-SP SP-1-1 10/19/2004 Composite ug/Kg	WC-SP SP-3-7-11-09-04 11/9/2004 Composite ug/Kg	WC-SP SP-3-8-11-04 11/16/2004 Composite ug/Kg	WC-SP SP-3-8-11-04-DL1 11/16/2004 Composite ug/Kg	WC-SP SP-3-8-12-2-04 12/2/2004 Composite ug/Kg
PCBS						
APROCLOR - 1248 (PCB-1248)	<	2.8	<	2.8	<	1400
APROCLOR - 1254 (PCB-1254)	<	2.8	<	2.8	<	840
APROCLOR - 1260 (PCB-1260)	<	13	JM	NA	<	45000
TOTAL PCBS	10000	34	21	NA	45000	22.4
HERBICIDES						
		ND	ND	ND	NA	ND
CYANIDE (TOTAL)		NA	< 28.3	U < 28.1	U <	30.4
						U < 31.2

NOTES:
1) NYDEC RSCOs obtained from TAGM 4046.
2) NYDEC exceedances are highlighted in **BOLD**.
NA = Not Analyzed
ND = Not Detected

QUALIFIERS
H = Alternate Peak Section Upon Analytical Review
U = Analyte was not detected at or above the reporting limit.
INORGANICS (METALS AND CYANIDE)
B = Result is less than the CRDL/RL, but greater than or equal to the IDL/MDL
X = LCS, LCD, MD; Batch OC exceeds the upper or lower control limits.
N = MS, MSD; Spike recovery exceeds the upper or lower control limits.
ORGANICS:
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 2A
CATEGORY 1- STOCK PILES
WASTE CHARACTERIZATION SAMPLE RESULTS
ATLAS PARK IRM AREA (PARCEL A)

Test Code Sample ID Sample Date Sample Type Unit	NYSDDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVE ug/Kg	WC-SP SP-1-1-012605 Composite ug/Kg	WC-SP SP-1-2-012605 Composite ug/Kg	WC-SP SP-1-3-012605 Composite ug/Kg	WC-SP SP-1A-1-020805 Composite ug/Kg	WC-SP SP-1-10-021706 Composite ug/Kg	WC-SP SP-1A-021706 Composite ug/Kg
VOCs							
ACETONE	200	12	15	13	8.1	50	50
CHLOROBENZENE	1700	1.2	1.3	1.3	1.2	U	U
DIBROMOMETHANE	100	NA	NA	NA	NA	U	U
DICHLOROMETHANE	1500	4.7	5.6	6.1	12	5	5
METHYLBENZENE	1400	7.8	U	U	2.2	U	U
TETRACHLOROETHYLENE	700	2	2	7.7	2.1	U	U
TOTAL VOCs	10000	U	U	U	1.9	U	U
SVOCs							
2-METHYLNAPHTHALENE	36400	U	U	U	U	U	U
ACENAPHTHYLENE	41000	U	U	U	U	U	U
ACENAPHTHENE	50000	U	U	U	U	U	U
ANTHRACENE	224	74	73	350	61	137	229
BENZOFULVEDIENE	61	220	160	U	U	U	U
BENZOFULVEDIENE	220	170	140	U	U	U	U
BENZOFULVEDIENE	50000	170	120	U	U	U	U
BENZOFULVEDIENE	220	200	160	U	U	U	U
BENZYL ALCOHOL	50000	U	U	U	U	U	U
BIS(2-ETHYLHEXYL)PHTHALATE	400	240	U	U	U	U	U
CHRYSENE	14	U	U	U	U	U	U
DIBENZO(A,H)ANTHRACENE	6200	U	U	U	U	U	U
DIBENZOFURAN	8100	U	U	U	U	U	U
DIBENZOTRIPHENYLENE	50000	U	U	U	U	U	U
FLUORENE	3200	U	U	U	U	U	U
INDEN(1,2,3-CD)PYRENE	13000	U	U	U	U	U	U
NAPHTHALENE	50000	U	U	U	U	U	U
PHENANTHRENE	50000	U	U	U	U	U	U
TOTAL SVOCs	50000	U	U	U	U	U	U
PESTICIDES							
1,1,1-TRICHLORO-2,2-BIS (P-METHOXY)PHENYLENE	10000	U	U	U	U	U	U
4,4'-DDE	2900	U	U	U	U	U	U
4,4'-DDT	2100	U	U	U	U	U	U
ALDRIN	41	U	U	U	U	U	U
ALPHA-CHLORDANE	540	U	U	U	U	U	U
BETA-BHC	200	U	U	U	U	U	U
CHLORDANE	540	U	U	U	U	U	U
DELTA-BHC	300	U	U	U	U	U	U
ENDOSULFAN I	900	U	U	U	U	U	U
ENDOSULFAN SULFATE	1000	U	U	U	U	U	U
ENDRIN	100	U	U	U	U	U	U
ENDRIN ALDEHYDE	100	U	U	U	U	U	U
HEPTACHLOR	20	U	U	U	U	U	U
HEPTACHLOR EPOXIDE	540	U	U	U	U	U	U
GAMMA-CHLORDANE	540	U	U	U	U	U	U

TABLE 2A
CATEGORY 1: STOCK PILES
WASTE CHARACTERIZATION SAMPLE RESULTS
ATLAS PARK IRM AREA (PARCEL A)

Task Code Sample ID Sample Date Sample Type Unit	NYSED TADM RECOMMENDED SOIL CLEANUP OBJECTIVE ug/Kg	WC-SP SP-11-012606 1/28/2008 Composite ug/Kg	WC-SP SP-12-012605 1/28/2008 Composite ug/Kg	WC-SP SP-13-012605 1/28/2008 Composite ug/Kg	WC-SP SP-14-020805 2/18/2008 Composite ug/Kg	WC-SP SP-11-10-021705 2/18/2008 Composite ug/Kg	WC-SP SP-14-021705 2/18/2008 Composite ug/Kg
PCBS							
AROCLOR - 1248 (PCB:1248)	≤	3	3.1	3.1	3	70	70
AROCLOR - 1254 (PCB:1254)	≤	32	23	37	1.3	70	70
AROCLOR - 1260 (PCB:1260)	≤	30	66	26	4.4	70	70
TOTAL PCBS	10000	62	89	63	ND	ND	ND
HERBICIDES							
CYANIDE TOTAL	≤	28.8	28.6	30.3	179	NA	NA

NOTES:
1) NYSED RSCOs obtained from TADM 4048.
2) NYSED RSCOs are highlighted in **BOLD**.
NA = Not Analyzed
ND = Not Detected

QUALIFIERS
H = Alternate Peak Section Upon Analytical Review
U = Analyte was not detected at or above the reporting limit.
X = Result is less than the CCDFL, but greater than or equal to the IDLNDL.
N = LCS, LCD, MD, BDN QC exceed the upper or lower control limits.
N = MS, MSD, Spike recovery exceed the upper or lower control limits.
J = Result is an estimated value below the reporting limit or a tentatively identified compound (TIQ).
M = Manually integrated compound.
B = Compound was detected in the blank and sample.

TABLE 2A

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TABLE 2A
CATEGORY 1- STOCK PILES
WASTE CHARACTERIZATION SAMPLE RESULTS
ATLAS PARK IIR AREA (PARCEL A)

Task Code Sample ID Sample Date Sample Type Unit	NYDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVE ug/Kg	WC-SP SP-1-2 10/19/2004 Composite ug/Kg	WC-SP SP-1-2DL1 10/19/2004 Composite ug/Kg	WC-SP SP-1-4-020405 2/4/2005 Composite ug/Kg	WC-SP SP-1-5-020405 2/4/2005 Composite ug/Kg	WC-SP SP-1-6-020405 2/4/2005 Composite ug/Kg	WC-SP SP-1-7-020405 2/4/2005 Composite ug/Kg	WC-SP SP-1-8-021505 2/18/2005 Composite ug/Kg	WC-SP SP-1A-030305 3/3/2005 Composite ug/Kg
PCBS									
AROCLOL - 1248 PCB-1248	<	3.5	U	<	U	U	U	U	U
AROCLOL - 1254 PCB-1254		24	M	<	U	U	U	U	U
AROCLOL - 1260 PCB-1260		51	B	ND	U	U	U	U	U
TOTAL PCBS	10000								
HERBICIDES									
		ND	NA	NA	NA	NA	ND	ND	ND
CYANIDE (TOTAL)		NA	NA	NA	NA	NA	NA	NA	NA

NOTES:
1) NYSDC RSCOs obtained from TAGM 4048.
2) NYSDC exceedances are highlighted in **BOLD**.
NA = Not Analyzed
ND = Not Detected

QUALIFIERS
H = Alternate Peak Station Upon Analytical Review
U = Analyte was not detected at or above the reporting limit.
INORGANICS (METALS AND CYANIDE):
B = Result is less than the CRL/RL, but greater than or equal to the ID/MDL.
X = LCS, LCO, MD, Batch QC exceeds the upper or lower control limits.
N = MS, MSD: Spike recovery exceeds the upper or lower control limits.
ORGANICS:
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 2A

[illegible]

TABLE 2A
CATEGORY 1- STOCK PILES
WASTE CHARACTERIZATION SAMPLE RESULTS
ATLAS PARK IIRM AREA (PARCEL A)

Task Code Sample ID Sample Type Sample Date	Hazardous Waste Regulatory Levels for Toxicity Characteristic	WC-SP SP1-C1-031006 Composite 3/7/2005	WC-SP SP1-C2-031006 Composite 3/7/2005	WC-SP SP1-D1-031006 Composite 3/7/2005	WC-SP SP-ADE-052005 (1) Grab 5/20/2005	WC-SP SP-ADE-052005 (2) Grab 5/20/2005	WC-SP SP-ADE-052005 (3) Grab 5/20/2005	WC-SP SP-ADE-052005 (4) Composite 5/20/2005
TCLP VOCs	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
	ND	ND	ND	ND	ND	ND	ND	ND
TCLP SVOCs	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
	ND	ND	ND	ND	NA	NA	NA	ND
TCLP PESTICIDES	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
	ND	ND	ND	ND	NA	NA	NA	ND
TCLP HERBICIDES	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
	ND	ND	ND	ND	NA	NA	NA	ND
TCLP METALS	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
BARIUM	100	1	1	1	NA	NA	NA	0.646
CADMIUM	1	0.05	0.05	0.05	NA	NA	NA	0.0022
CHROMIUM (TOTAL)	5	0.05	0.05	0.05	NA	NA	NA	0.0054
LEAD	5	0.05	0.05	0.09	NA	NA	NA	0.0305
ASBESTOS PLM ANALYSIS	POSITIVE	ND	ND	ND	NA	NA	NA	ND

NOTES:

- 1) NYSDC RSCOs obtained from TAGM 4046.
- 2) Only Detected Compounds are summarized.

QUALIFIERS

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

TABLE 2A
CATEGORY 1-5 STOCK PILES
WASTE CHARACTERIZATION SAMPLE RESULTS
ATLAS PARK IRM AREA (PARCEL A)

Task Code Sample ID Sample Date Sample Type	NYSDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVE	WC-SP SP-1-C1-031005 5/10/2005 Composite	WC-SP SP-1-C2-031005 5/10/2005 Composite	WC-SP SP-1-C3-031005 5/10/2005 Composite	WC-SP SP-ADE-052005 (1) 5/20/2005 Grab	WC-SP SP-ADE-052005 (2) 5/20/2005 Grab	WC-SP SP-ADE-052005 (3) 5/20/2005 Grab	WC-SP SP-ADE-052005 (4) 5/20/2005 Composite
VOCS	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
2-BUTANONE (METHYL ETHYL KETONE)	300	< 10 U	< 10 U	< 10 U	7.7 J	7.9 J	630 U	673 U
ACETONE	200	< 50 U	< 50 U	< 50 U	54.4 J	59.8 J	1260 U	1360 U
DICHLOROMETHANE	100	< 5 U	< 5 U	< 5 U	16.6 J	20.6 J	60.6 J	90.2 J
NMP XYLENE	< 10 U	< 10 U	< 10 U	< 10 U	12.4 U	12.3 U	41.6 J	42.1 J
TETRACHLOROETHENE	1400	< 5 U	< 5 U	< 5 U	0.8 J	5 U	308	351
TOLUENE	300	< 5 U	< 5 U	< 5 U	6.2 U	6.2 U	248	248
TOTAL VOCS	10000	ND	ND	ND	79.5	89.3	678.2	1154.3
SVOCs	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
2-METHYLNAPHTHALENE	36400	< 40 U	121	< 80 U	NA	NA	NA	28.9 J
ACENAPHTHYLENE	41000	43	60	< 80 U	NA	NA	NA	353
ACENAPHTHENE	50000	< 40 U	< 40 U	< 80 U	NA	NA	NA	52.3 J
ANTHRACENE	50000	67	83	< 80 U	NA	NA	NA	271
BENZOAANTHRACENE	224	244	225	106	NA	NA	NA	248
BENZOAPRYNE	61	210	265	82	NA	NA	NA	504
BENZOBIFLUORANTHENE	220	275	285	137	NA	NA	NA	504
BENZOGLUPERYLENE	50000	125	128	< 80 U	NA	NA	NA	280
BENZOFLUORANTHENE	220	102	96	< 80 U	NA	NA	NA	248
BIS(2-ETHYLHEXYL)PHTHALATE	50000	< 500 U	< 500 U	< 500 U	NA	NA	NA	248
CHRYSENE	400	266	243	123	NA	NA	NA	504
DIBENZ(A,H)ANTHRACENE	14	< 40 U	< 40 U	< 80 U	NA	NA	NA	248
DIBENZOFURAN	6200	< 40 U	< 40 U	< 80 U	NA	NA	NA	43.4 J
DIN-BUTYLPHTHALATE	8100	< 500 U	< 500 U	< 500 U	NA	NA	NA	248
FLUORANTHENE	50000	566	514	253	NA	NA	NA	943
FLUORENE	13000	< 40 U	< 40 U	< 80 U	NA	NA	NA	80.9 J
INDENO(1,2,3-C)PYRENE	3200	133	127	< 80 U	NA	NA	NA	269
PHENANTHRENE	60000	431	321	187	NA	NA	NA	546
PYRENE	50000	433	439	217	NA	NA	NA	361
TOTAL SVOCs	500000	2384	2857	1125	NA	NA	NA	6351.8
PESTICIDES	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
	ND	ND	ND	ND	NA	NA	NA	ND
PCBS	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
AOCLODR - 1260 (PCB-1260)		< 70 U	< 70 U	< 70 U	NA	NA	NA	25.3 J
TOTAL PCBS	10000	ND	ND	ND	NA	NA	NA	25.3 J
HERBICIDES	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
	ND	ND	ND	ND	NA	NA	NA	ND
CYANIDE (TOTAL)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
	200	< 1 U	< 1 U	< 1 U	NA	NA	NA	NA
SULFUR (TOTAL)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
	NA	NA	NA	NA	NA	NA	NA	324
METALS	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
ALUMINUM	33000	21897	8029	11912	NA	NA	NA	NA
ARSENIC	12	2.8	2.1	2.83	NA	NA	NA	NA
BARIUM	600	42	41.3	43.4	NA	NA	NA	NA
CALCIUM	35000	2873	3791	2739	NA	NA	NA	NA
CHROMIUM (TOTAL)	48	12.8	13.1	16.7	NA	NA	NA	NA
CHROMIUM III	60	2.45	5.31	5.86	NA	NA	NA	NA
COBALT	50	19	39.4	35.9	NA	NA	NA	NA
COPPER	550000	12569	11944	15514	NA	NA	NA	NA
IRON	500	26.1	17.5	29.5	NA	NA	NA	NA
MAGNESIUM	5000	2342	3109	2829	NA	NA	NA	NA
MANGANESE	5000	277	255	258	NA	NA	NA	NA
MERCURY	0.2	0.052	0.001	0.112	NA	NA	NA	NA
NICKEL	25	9.31	9.41	12.3	NA	NA	NA	NA
POTASSIUM	43000	915	897	11059	NA	NA	NA	NA
SODIUM	8000	290	153	219	NA	NA	NA	NA
VANADIUM	300	17.1	19.1	21.3	NA	NA	NA	NA
ZINC	50	49.7	41.2	67.3	NA	NA	NA	NA
BCRA CHARACTERISTICS								
pH		8.09 units	8.29 units	8.41 units	NA	NA	NA	7.76 units
FLASHPOINT		> 140 DEG (F)	> 140 DEG (F)	> 140 DEG (F)	NA	NA	NA	Negative
REACTIVE CYANIDE	250	< 5 U	< 5 U	< 5 U	NA	NA	NA	23.5
REACTIVE SULFIDE	500	< 7 U	< 7 U	< 7 U	NA	NA	NA	40.9 U

NOTES:
1) NYSDEC RSCOs obtained from TAGM 4046.
2) Only Detected Compounds are summarized in the table.

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

TABLE 2A
CATEGORY 1 - TEST PIT
WASTE CHARACTERIZATION SAMPLE RESULTS
ATLAS PARK IRM AREA (PARCEL A)

Task Code Sample ID Sample Date Sample Type	NYSDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVE	WC-TP TP-L9-110104 11/1/2004 Composite	WC-TP TP-L8-110104 11/1/2004 Composite	WC-TP TP-K8-110104 11/1/2004 Composite	WC-TP TP-J8-110104 11/1/2004 Composite	WC-TP TP-J9-110104 11/1/2004 Composite	WC-TP TP-K9-110104 11/1/2004 Composite
METALS	mg/Kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
ARSENIC	12	5.7	BN	8	5.7	12	5.3
BARIUM	600	95.1	BN	70.9	162	1370	112
CADMIUM	1	1.2	U	1	1.3	7.1	1.2
CHROMIUM (TOTAL)	40	20.6	B	24.5	30.6	103	27
LEAD	500	76.4	BN	60.6	153	1170	141
SELENIUM	3.9	1.9	U	1.7	1.9	2	2
SILVER	<	0.38	U	0.33	0.63	16.7	0.53
REACS	<	12	U	12	12	12	12
MERCURY	0.2	0.38	U	0.24	0.45	2.4	0.28
pH		6.98	7.58	7.63	7.31	7.59	7.64
RCRA CHARACTERISTICS							
IGNITABILITY	negative	negative	negative	negative	negative	negative	negative
CORROSIVITY	no	no	no	no	no	no	no

NOTES:

- 1) NYSDEC RSCOs obtained from TAGM 4046.
 - 2) NYSDEC exceedances are highlighted in **BOLD**.
- 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.
INORGANICS (METALS AND CYANIDE):
 B = Result is less than the CRDURL, but greater than or equal to the IDL/MDL
 N = MS, MSD: Spike recovery exceeds the upper or lower control limits.

TABLE 2A
CATEGORY 1 - TEST PIT
WASTE CHARACTERIZATION SAMPLE RESULTS
ATLAS PARK IIR AREA (PARCEL A)

Task Code Sample ID Sample Date Sample Type	NYSDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVE	WC-TP TP-L9-110104 11/1/2004 Composite	WC-TP TP-L8-110104 11/1/2004 Composite	WC-TP TP-K8-110104 11/1/2004 Composite	WC-TP TP-J8-110104 11/1/2004 Composite	WC-TP TP-K9-110104 11/1/2004 Composite
	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
VOCs						
ACETONE	200	41	11	25	50	31
DICHLOROMETHANE	100	33	9.8	11	12	14
TETRACHLOROETHENE	1400	19	16	5	9	29
TRICHLOROETHYLENE	700	3	1.4	0.33	2.3	0.33
TOTAL VOCs	10000	96	38.2	41	71	274.3
SVOCs						
1,2,4-TRICHLOROBENZENE	3400	<	64	60	66	140
ACENAPHTHYLENE	41000	48	99	55	74	46
ANTHRACENE	50000	89	140	79	83	61
BENZO(A)ANTHRACENE	224	330	460	370	540	120
BENZO(A)PYRENE	61	330	440	300	580	120
BENZO(B)FLUORANTHENE	220	310	420	320	510	140
BENZO(G,H,I)PERYLENE	50000	240	280	220	420	80
BENZO(K)FLUORANTHENE	220	250	380	250	530	140
BENZYL BUTYL PHTHALATE	50000	47	49	57	64	97
BIS(2-ETHYLHEXYL)PHTHALATE	50000	48	50	840	610	48
CHRYSENE	400	370	500	340	830	150
DIBENZO(A,H)ANTHRACENE	14	120	160	97	190	210
D,N-BUTYL PHTHALATE	8100	48	50	47	49	39
FLUORANTHENE	50000	570	880	580	1000	800
INDENO(1,2,3-CD)PYRENE	3200	180	250	200	360	210
PHENANTHRENE	50000	380	450	270	360	130
PYRENE	50000	570	790	550	950	180
TOTAL SVOCs	500000	3787	5236	4468	6947	2696
PCBS						
TOTAL PCBS	10000	20	ND	13	36	128
TPH						
		110000	32000	41000	250000	330000
		%	%	%	%	%
TOTAL SOLIDS		87.2	85.6	90.2	88	87.7
MOISTURE		12.8	14.4	9.8	12	12.3
		%	%	%	%	%
						9.1

NOTES:
1) NYSDEC RSCOs obtained from TAGM 4048.
2) NYSDEC exceedances are highlighted in **BOLD**.

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).
M = Manually integrated compound.
B = Compound was detected in the blank and sample.

TABLE 2B
AOC-2A
WASTE CHARACTERIZATION SAMPLE RESULTS
ATLAS PARK IRM AREA (PARCEL A)

Task Code Sample Date Sample Type Sample ID	Hazardous Waste Regulatory Levels for Toxicity Characteristic	WC 10/29/2004 Composite SP-2A-102904
TCLP Metals	mg/l	mg/l
ARSENIC	5	< 0.0195 U
BARIUM	100	0.448
CADMIUM	1	< 0.0055 U
CHROMIUM	5	< 0.0065 U
LEAD	5	< 0.015 U
SELENIUM	1	< 0.025 U
SILVER	5	< 0.0055 U
RCRA CHARACTERISTICS	ug/Kg	ug/Kg
REACTIVE CYANIDE	250	< 0.5 (RL) U
REACTIVE SULFIDE	500	< 12000 U
		YES/NO
IGNITABILITY	NO	NO
CORROSIVITY	NO	NO

NOTES:

RCRA = Resource Conservation and Recovery Act.

QUALIFIERS

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

RL = Reporting Limit

TABLE 2B
AOC-2A
WASTE CHARACTERIZATION SAMPLE RESULTS
ATLAS PARK IRM AREA (PARCEL A)

Task Code	WC		
Sample Date	10/29/2004		
Sample Type	Composite		
Sample ID	SP-2A-102904		
	ug/kg		
VOCS			
ACETONE	81		
DICHLOROMETHANE	5.1		JB
METHYLBENZENE	0.91		J
TOTAL VOCS	87.01		
SVOCS			
BENZO(A)ANTHRACENE	72		J
CHRYSENE	380		
FLUORANTHENE	59		J
PHENANTHRENE	47		J
TOTAL SVOCS	558		
PCBs			
AROCLOR - 1254 (PCB-1254)	17		JM
TOTAL PCBs	17		
TOTAL GRO	<	5400	U
TPH		1200000	UD ²⁰
	%		
TOTAL SOLIDS	86.6		
MOISTURE	13.4		

NOTES:

1) NYSDEC RSCOs obtained from TAGM 4046.

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).

M = Manually integrated compound.

B = Compound was detected in the blank and sample.

TABLE 2C
AOC-2B
WASTE CHARACTERIZATION SAMPLE RESULTS
ATLAS PARK IIR AREA (PARCEL A)

Task Code Sample ID Sample Type Sample Date	Hazardous Waste Regulatory Levels for Toxicity Characteristic	WC TP-16-102704 Composite 10/27/2004	WC TP-J5-102704 Composite 10/27/2004	WC TP-J5-102704 Composite 10/27/2004	WC SP-2B-11-4-04 Composite 11/4/2004	WC SP-2B-12-3-04 Composite 12/3/2004	WC IS-2B-(CLAY)-121704 Composite 12/17/2004
TCLP METALS	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
ARSENIC	5	< 0.0195	< 0.0195	< 0.0195	U	< 0.0195	U
BARIUM	100	0.662	0.296	0.407	NA	0.338	0.548
CADMIUM	1	0.0361	0.0167	0.0055	U	0.0421	U
CHROMIUM (TOTAL)	5	< 0.0065	U	0.0065	U	< 0.0065	U
LEAD	5	17.4	4.2	0.157	NA	14.3	1.29
SELENIUM	1	< 0.025	U	0.0288	U	< 0.025	U
SILVER	5	< 0.0055	U	0.0055	U	< 0.0055	U
MERCURY	0.2	< 0.0009	U	0.0009	U	< 0.0009	U
RCRA CHARACTERISTICS	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
REACTIVE SULFIDE	500	< 12	U	U	U	NA	U
REACTIVE CYANIDE	250	< 0.5 (RL)	U	U	U	NA	U
pH / CORROSIVITY							
IGNITABILITY	2<pH<12.5 negative	7.69 negative	7.8 negative	7.73 negative	7.74 negative	NA	no negative

NOTES AND QUALIFIERS

RCRA : Resource Conservation and Recovery Act

RL : Reporting Limit

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

TABLE 2C
AOC-2B
WASTE CHARACTERIZATION SAMPLE RESULTS
ATLAS PARK IIR AREA (PARCEL A)

Task Code Sample ID Sample Type Sample Date	Hazardous Waste Regulatory Levels for Toxicity Characteristic	WC IS-2B-(RUB)-121704 Composite 12/17/2004	WC IS-2B-(DEL)-121704 Composite 12/17/2004	WC IS-2B-(CLAY-2)-121704 Composite 12/17/2004	WC IS-2B-(RUB-2)-121704 Composite 12/17/2004	WC IS-2B-(DEL-2A)-121704 Composite 12/17/2004
TCLP METALS	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
ARSENIC	5	0.0277	B	0.0315	B	0.0195
BARIUM	100	0.699	0.373	0.167	0.568	0.353
CADMIUM	1	0.0055	U	0.0055	U	0.0055
CHROMIUM (TOTAL)	5	0.0065	U	0.0065	U	0.0065
LEAD	5	2.27	U	77.2	1.85	0.0065
SELENIUM	1	0.025	U	0.025	U	0.025
SILVER	5	0.0055	U	0.0055	U	0.0055
MERCURY	0.2	0.0009	U	0.0009	U	0.0009
RCRA CHARACTERISTICS	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
REACTIVE SULFIDE	500	12	U	12	U	12
REACTIVE CYANIDE	250	0.5 (RL)	U	0.5 (RL)	U	0.5 (RL)
pH / CORROSIVITY	2<pH<12.5	no negative	no negative	no negative	no negative	no negative
IGNITABILITY	negative	no negative	no negative	no negative	no negative	no negative

NOTES AND QUALIFIERS

RCRA : Resource Conservation and Recovery Act

RL : Reporting Limit

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

TABLE 2C
AOC-2B
WASTE CHARACTERIZATION SAMPLE RESULTS
ATLAS PARK IIRM AREA (PARCEL A)

Task Code Sample ID Sample Date Sample Type Unit	WC SP-2B-110404 11/4/2004 Composite mg/Kg	WC IS-2B-(CLAY)-121704 12/17/2004 Composite mg/Kg	WC IS-2B-(RUB)-121704 12/17/2004 Composite mg/Kg	WC IS-2B-(DEL)-121704 12/17/2004 Composite mg/Kg	WC IS-2B-(CLAY)-121704 12/17/2004 Composite mg/Kg	WC IS-2B-(RUB)-121704 12/17/2004 Composite mg/Kg	WC IS-2B-(DEL)-121704 12/17/2004 Composite mg/Kg
METALS							
ALUMINUM	NA	7880	8820	6880	9710	10300	8920
ANTIMONY	NA	1.7	1.8	1.1	1.8	1.8	1.3
ARSENIC	6.6	2.5	2.1	3.6	3	2.5	3
BARIUM	2230	34.5	81.9	43.3	30.2	20.3	70.5
CADMIUM	3.1	1.5	1.6	0.96	1.6	1.6	1.1
CALCIUM METAL	NA	7850	5980	635	7130	7780	2240
CHROMIUM (TOTAL)	99.8	7.9	8.8	13.9	8.2	8.7	17.4
COBALT	NA	1.4	1.4	5.9	1.3	1.6	4.8
COPPER	NA	371	551	42.1	100	105	63.6
IRON	NA	9370	6110	12700	5940	5170	14100
LEAD	2440	71.1	131	29.1	313	129	89.2
MAGNESIUM	NA	18900	19500	2650	21800	23900	3370
MANGANESE	NA	48.3	32.5	328	34	60.6	253
NICKEL	NA	7.1	6.2	12.3	6.2	6.3	11.8
POTASSIUM	NA	174	202	1290	228	248	813
SILVER	3.1	0.48	0.5	0.31	0.51	0.51	0.35
SODIUM	NA	207	213	132	423	448	334
VANADIUM	NA	8.1	6.8	17.5	8	9.8	20.4
ZINC	NA	333	513	42.1	470	1060	267
MERCURY	5.7	0.37	0.38	0.15	1.3	0.59	0.46

QUALIFIERS

D⁺ = Results for a diluted sample, # indicates the dilution factor.
V = Result was changed because of Data Validation.
U = Analyte was not detected at or above the reporting limit.
INORGANICS (METALS AND CYANIDE):
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 2C
AOC-2B
WASTE CHARACTERIZATION SAMPLE RESULTS
ATLAS PARK IIR AREA (PARCEL A)

Task Code	WC	WC	WC	WC	WC	WC	WC
Sample ID	TP-16-102704	TP-15-102704	TP-J5-102704	SP-2B-110404	IS-2B-(CLAY)-121704	IS-2B-(RUB)-121704	
Sample Date	10/27/2004	10/27/2004	10/27/2004	11/4/2004	12/17/2004	12/17/2004	
Sample Type	Composite	Composite	Composite	Composite	Composite	Composite	
	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	
VOCs							
2-BUTANONE (METHYL ETHYL KETONE)	<	0.7	U	<	0.67	U	<
ACETONE	<	6.1	J	<	1.9	U	<
CARBON DISULFIDE	<	0.58	U	<	0.59	U	<
DICHLOROMETHANE	<	6.2	B	<	4.4	JB	<
ETHYLBENZENE	<	1.3	J	<	0.45	U	<
METHYLBENZENE	<	0.46	U	<	0.45	U	<
TETRACHLOROETHENE	<	11	U	<	0.67	U	<
TRICHLOROETHYLENE	<	0.35	U	<	0.34	U	<
VINYL ACETATE	<	4.2	J	<	1.3	U	<
XYLENE (TOTAL)	<	28.8	J	<	4.4	U	<
TOTAL VOCs				43.86		26.2	50.9
SVOCs							
2-METHYLNAPHTHALENE	<	120	U	<	120	U	<
ACENAPHTHYLENE	<	93	U	<	90	U	<
ACENAPHTHENE	<	120	U	<	120	U	<
ANTHRACENE	<	120	U	<	120	U	<
BENZO(A)ANTHRACENE	<	240	J	<	230	J	<
BENZO(A)PYRENE	<	530	J	<	280	J	<
BENZO(B)FLUORANTHENE	<	410	J	<	300	J	<
BENZO(G,H,I)PERYLENE	<	440	J	<	200	J	<
BENZO(K)FLUORANTHENE	<	410	JH	<	240	J	<
BENZOIC ACID	<	110	U	<	110	U	<
CARBAZOLE	<	350	J	<	270	J	<
CHRYSENE	<	170	JM	<	82	U	<
DIBENZ(A,H)ANTHRACENE	<	120	U	<	120	U	<
DIBENZOFURAN	<	140	J	<	110	J	<
DI-N-BUTYLPHTHALATE	<	390	J	<	490	J	<
FLUORANTHENE	<	97	U	<	95	U	<
FLUORENE	<	380	J	<	160	J	<
INDENO(1,2,3-CD)PYRENE	<	130	U	<	130	U	<
NAPHTHALENE	<	240	J	<	310	J	<
PHENANTHRENE	<	360	J	<	390	J	<
PYRENE	<	4060	J	<	2980	J	<
TOTAL SVOCs				3464		27440	7035
PCBS							
Aroclor - 1260 (PCB-1260)	27	M	160	M	67	M	<
TOTAL PCBs	27		160		67		5.1
							ND
							U

TABLE 2C
AOC-2B
WASTE CHARACTERIZATION SAMPLE RESULTS
ATLAS PARK IIR AREA (PARCEL A)

Task Code	WC	WC	WC	WC	WC	WC
Sample ID	TP-16-102704	TP-15-102704	TP-J5-102704	SP-2B-110404	IS-2B-(CLAY)-121704	IS-2B-(RUB)-121704
Sample Date	10/27/2004	10/27/2004	10/27/2004	11/4/2004	12/17/2004	12/17/2004
PESTICIDES						
1,1,1-TRICHLORO-2,2-BIS (P-METHOXYPHENYL)-ETHANE	NA	NA	NA	ND	<	14 J
4,4'-DDE	NA	NA	NA	ND	2.7 U	4 J
ALPHA-CHLORDANE	NA	NA	NA	ND	0.14 U	0.14 U
BETA - BHC	NA	NA	NA	ND	0.35 U	0.35 U
DELTA - BHC	NA	NA	NA	ND	0.57 JB	0.13 UB
DIELDRIN	NA	NA	NA	ND	0.8 J	4.6 J
ENDOSULFAN II	NA	NA	NA	ND	0.98 J	0.22 U
ENDOSULFAN SULFATE	NA	NA	NA	ND	0.22 U	7.9 M
HEPTACHLOR EPOXIDE	NA	NA	NA	ND	0.63 J	1.4 J
HERBICIDES						
2,4-D	NA	NA	NA	ND	4 U	4 U
SILVEX	NA	NA	NA	ND	4.8 U	4.8 U
Total GRO	<	5.5 U	<	83 J	260	200 J
TPH	1100000 D ⁴	490000 D ⁴	51000 D ⁵	550000 D ⁵	2700000 D ⁵⁰	14000000 D ²⁵
	%	%	%	%	%	%
Moisture	13.8	15.6	10.5	15.7	22.8	23.5
Total Solids	86.2	84.4	89.5	84.3	77.4	76.5

NOTES:

NA = Compound Not Analyzed

QUALIFIERS

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

H = Alternate Peak Selection Upon Analytical Review

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).

M = Manually integrated compound.

B = Compound was detected in the blank and sample.

TABLE 2C
AOC-2B
WASTE CHARACTERIZATION SAMPLE RESULTS
ATLAS PARK IIR AREA (PARCEL A)

Task Code	WC	WC	WC	WC	WC
Sample ID	IS-2B-(DELJ-121704	IS-2B-(CLAY-2)-121704	IS-2B-(RUB-2)-121704	IS-2B-(DEL-2A)-121704	IS-2B-(DEL-2A)-121704
Sample Date	12/17/2004	12/17/2004	12/17/2004	12/17/2004	12/17/2004
Sample Type	Composite	Composite	Composite	Composite	Composite
	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
VOCs					
2-BUTANONE (METHYL ETHYL KETONE)	<	2.5 U	3.5 J	15	<
ACETONE	<	6.6 J	21	62	<
CARBON DISULFIDE	<	1.8 U	2.6 J	7.4	<
DICHLOROMETHANE	<	3.8 U	4.5 U	4.7	<
ETHYLBENZENE	<	1.9 U	2.3 U	2.4	U
METHYLBENZENE	<	1.8 U	2.2 U	2.3	U
TETRACHLOROETHENE	<	2.9 J	2.5 U	2.6	U
TRICHLOROETHYLENE	<	1.8 U	2.2 U	2.3	U
VINYL ACETATE	<	0.76 U	0.9 U	0.94	U
XYLENE (TOTAL)	<	4.9 U	5.8 U	6	<
TOTAL VOCs		9.5	27.1	84.4	ND
SVOCs					
2-METHYLNAPHTHALENE	<	55 U	140	70	<
ACENAPHTHYLENE	<	43 U	110	54	U
ACENAPHTHENE	<	57 U	140	73	U
ANTHRACENE	<	57 U	140	73	U
BENZO(A)ANTHRACENE	<	50 JH	120 U	140	JH
BENZO(A)PYRENE	<	51 J	160 J	160	JM
BENZO(B)FLUORANTHENE	<	97 U	240 U	170	JM
BENZO(G,H)IPERYLENE	<	40 J	95	130	JH
BENZO(K)FLUORANTHENE	<	39 U	120 JH	100	JM
BENZOIC ACID	<	94 U	230 U	120	U
CARBAZOLE	<	51 U	130	65	U
CHRYSENE	<	75 J	160 J	250	JH
DIBENZ(A,H)ANTHRACENE	<	39 U	95	49	U
DIBENZO(FURAN	<	55 U	140	70	U
DIN-BUTYLPHTHALATE	<	46 U	110 U	58	U
FLUORANTHENE	<	110 J	260 J	230	J
FLUORENE	<	45 U	110 U	57	U
INDENO(1,2,3-CD)PYRENE	<	38 U	87 U	85	JH
NAPHTHALENE	<	60 UB	150 U	76	U
PHENANTHRENE	<	59 JH	120 J	110	J
PYRENE	<	110 J	250	350	JH
TOTAL SVOCs		485	1080	1725	54
PCBS					
AROCLOR - 1260 (PCB-1260)	<	4.2 U	5.1 U	32	M
TOTAL PCBS		ND	ND	32	42

TABLE 2C
AOC-2B
WASTE CHARACTERIZATION SAMPLE RESULTS
ATLAS PARK IRM AREA (PARCEL A)

Task Code	WC	WC	WC	WC	WC
Sample ID	IS-2B-(DELJ)-121704	IS-2B-(CLAY-2)-121704	IS-2B-(RUB-2)-121704	IS-2B-(DEL-2A)-121704	IS-2B-(DEL-2A)-121704
Sample Date	12/17/2004	12/17/2004	12/17/2004	12/17/2004	12/17/2004
PESTICIDES					
1,1,1-TRICHLORO-2,2-BIS (P-METHOXYPHENYL)-ETHANE	7.3	J	<	2.7	U
4,4'-DDE	8	<	<	0.56	U
ALPHA-CHLORDANE	0.12	U	<	0.14	U
BETA - BHC	0.39	J	<	0.35	U
DELTA - BHC	0.11	UB	<	0.13	UB
DIELDRIN	0.34	U	<	0.41	U
ENDOSULFAN II	0.18	U	<	0.22	U
ENDOSULFAN SULFATE	2.7	J	<	1.1	J
HEPTACHLOR EPOXIDE	0.35	J	<	0.59	J
HERBICIDES					
2,4-D	<	4	U	<	4
SILVEX	<	4.8	U	<	4.8
Total GRO	160	J	200	J	220
TPH	100000	UM	1100000	D ¹⁰	740000
	%		%		%
Moisture	7.3		22.5		25.5
Total Solids	92.7		77.5		74.5

NOTES:

NA = Compound Not Analyzed

QUALIFIERS

D¹⁰ = Results for a diluted sample, # indicates the dilution factor.

H = Alternate Peak Selection Upon Analytical Review

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).

M = Manually integrated compound.

B = Compound was detected in the blank and sample.

TABLE 2D
AOC-2C
WASTE CHARACTERIZATION SAMPLE RESULTS
ATLAS PARK IIRM AREA (PARCEL A)

Sample ID	SP2-C-111604	SP2-C1-111604	SP2-C2-111604	SP2-C3-111604
Sample Date	11/16/2004	11/16/2004	11/6/2004	11/6/2004
Sample Type	Composite	Grab	Grab	Grab
VOC	ug/kg	ug/kg	ug/kg	ug/kg
CHLORINATED FLUOROCARBON (FREON 113)	-	NA	NA	NA
TOTAL VOCs	ND	NA	NA	NA
SVOC				
DIETHYL PHTHALATE	< 110 U	NA	NA	NA
ACENAPHTHYLENE	140 J	NA	NA	NA
ACENAPHTHENE	310 J	NA	NA	NA
ANTHRACENE	1100	NA	NA	NA
BENZO(A)ANTHRACENE	3500	NA	NA	NA
BENZO(A)PYRENE	3300	NA	NA	NA
BENZO(B)FLUORANTHENE	4400	NA	NA	NA
BENZO(G,H,I)PERYLENE	1400	NA	NA	NA
BIS(2-ETHYLHEXYL)PHTHALATE	140 J	NA	NA	NA
CARBAZOLE	330 J	NA	NA	NA
CHRYSENE	3500	NA	NA	NA
DIBENZ(A,H)ANTHRACENE	870	NA	NA	NA
DIBENZOFURAN	260 J	NA	NA	NA
FLUORANTHENE	6900 AD ²	NA	NA	NA
FLUORENE	380 J	NA	NA	NA
INDENO(1,2,3-CD)PYRENE	1700	NA	NA	NA
NAPHTHALENE	190 J	NA	NA	NA
PHENANTHRENE	2500	NA	NA	NA
PYRENE	5400	NA	NA	NA
TOTAL SVOCs	36320	NA	NA	NA
PCBS	ug/kg	ug/kg	ug/kg	ug/kg
	ND	NA	NA	NA
PESTICIDES AND HERBICIDES	ug/kg	ug/kg	ug/kg	ug/kg
	ND	NA	NA	NA
METALS	mg/Kg	mg/Kg	mg/Kg	mg/Kg
ALUMINUM	NA	NA	NA	NA
ARSENIC	NA	NA	NA	NA
BARIUM	NA	NA	NA	NA
CALCIUM METAL	NA	NA	NA	NA
CHROMIUM	NA	NA	NA	NA
COBALT	NA	NA	NA	NA
COPPER	NA	NA	NA	NA
IRON	NA	NA	NA	NA
LEAD	NA	NA	NA	NA
MAGNESIUM	NA	NA	NA	NA
MANGANESE	NA	NA	NA	NA
NICKEL	NA	NA	NA	NA
POTASSIUM	NA	NA	NA	NA
VANADIUM	NA	NA	NA	NA
ZINC	NA	NA	NA	NA
	%	%	%	%
MOISTURE	10.1	NA	NA	NA

NOTES:

NA = Not Analysed

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).

TABLE 2D
AOC-2C
WASTE CHARACTERIZATION SAMPLE RESULTS
ATLAS PARK IRM AREA (PARCEL A)

Sample ID Sample Date Sample Type Unit	Hazardous Waste Regulatory Levels for Toxicity Characteristic mg/l	SP2-C-111604 11/16/2004 Composite mg/l	SP2-C1-111604 11/16/2004 Grab mg/l	SP2-C2-111604 11/16/2004 Grab mg/l	SP2-C3-111604 11/16/2004 Grab mg/l
TCLP VOCs					
CHLOROFORM	6	0.00066 J	0.0008 U	0.00069 J	0.0006 U
TCLP SVOCs					
		ND	NA	NA	NA
TCLP METALS					
BARIUM	100	0.627	NA	NA	NA
LEAD	5	0.22	NA	NA	NA
RCRA CHARACTERISTICS					
IGNITABILITY	positive/negative	neg	NA	NA	NA
CORROSIVITY	yes/no	no	NA	NA	NA
pH	2 < pH < 12.5	8.27	NA	NA	NA
REACTIVE CYANIDE	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
REACTIVE SULFIDE	250	500 U	NA	NA	NA
	500	12 U	NA	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).

TABLE 2D
AOC-2C
WASTE CHARACTERIZATION SAMPLE RESULTS
ATLAS PARK IRM AREA (PARCEL A)

Task Code Sample ID Sample Date Sample Type	Hazardous Waste Regulatory Levels for Toxicity Characteristic	WC SP-2C-102904 10/29/2004 Composite	WC SP-2C-12-13-04 12/13/2004 Composite
TCLP METALS	mg/L	mg/L	mg/L
ARSENIC	5	< 0.0195 U	NA
BARIUM	100	0.792	NA
CADMIUM	1	0.0104 B	NA
CHROMIUM (TOTAL)	5	< 0.0065 U	NA
LEAD	5	4.49	NA
SELENIUM	1	0.0364 B	NA
SILVER	5	< 0.0055 U	NA
MERCURY	0.2	< 0.0009 U	NA
RCRA CHARACTERISTICS	mg/kg	mg/kg	mg/kg
REACTIVE CYANIDE	250	NA	< 0.5 (RL) U
REACTIVE SULFIDE	500	NA	< 12 U
IGNITABILITY	NEGATIVE	negative	NA
CORROSIVITY	NO	no	NA

NOTES AND QUALIFIERS:

RCRA : Resource Conservation and Recovery Act

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

TABLE 2D
AOC-2C
WASTE CHARACTERIZATION SAMPLE RESULTS
ATLAS PARK IRM AREA (PARCEL A)

Task Code	WC	WC
Sample ID	SP-2C-102904	SP-2C-12-13-04
Sample Date	10/29/2004	12/13/2004
Sample Type	Composite	Composite
METALS	mg/kg	mg/kg
ARSENIC	NA	2.5 B
BARIUM	NA	71.7
CADMIUM	NA	< 1.2 U
CHROMIUM (TOTAL)	NA	18.2
LEAD	NA	102 N
SELENIUM	NA	< 1.9 U
SILVER	NA	< 0.38 U
MERCURY	NA	0.3
	%	%
TOTAL SOLIDS	89.9	89.9
MOISTURE	10.1	10.1

NOTES:

QUALIFIERS

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

INORGANICS (METALS AND CYANIDE):

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

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

TABLE 2D
AOC-2C
WASTE CHARACTERIZATION SAMPLE RESULT
ATLAS PARK IRM AREA (PARCEL A)

Task Code Sample ID Sample Date Sample Type Unit	WC SP-2C-102904 10/29/2004 Composite ug/Kg	WC SP-2C-12-13-04 12/13/2004 Composite ug/Kg
VOCS		
ACETONE	54	NA
DICHLOROMETHANE	5.3 JB	NA
ETHYLBENZENE	7.9	NA
METHYLBENZENE	2.5 J	NA
TETRACHLOROETHENE	1.1 J	NA
TRICHLOROETHYLENE	15	NA
XYLENE (TOTAL)	270	NA
TOTAL VOCS	355.8	-
SVOCS		
2-METHYLNAPHTHALENE	140 J	NA
ACENAPHTHYLENE	620 J	NA
ACENAPHTHENE	290 J	NA
ANTHRACENE	1200	NA
BENZO(A)ANTHRACENE	5000	NA
BENZO(A)PYRENE	5000	NA
BENZO(B)FLUORANTHENE	4200	NA
BENZO(G,H,I)PERYLENE	3300	NA
BENZO(K)FLUORANTHENE	4200	NA
CARBAZOLE	330 J	NA
CHRYSENE	4700	NA
DIBENZO(A,H)ANTHRACENE	1300	NA
DIBENZOFURAN	160 J	NA
FLUORANTHENE	8300 AD ²	NA
FLUORENE	280 J	NA
INDENO(1,2,3-CD)PYRENE	2900	NA
NAPHTHALENE	360 J	NA
PHENANTHRENE	2000	NA
PYRENE	7300 AD ²	NA
TOTAL SVOCS	51580	-
PCBS		
AROCOR - 1254 (PCB-1254)	51 M	NA
AROCOR - 1260 (PCB-1260)	30 M	NA
TOTAL PCBS	81	
GRO	210000	NA
TPH	500000	NA

NOTES:

QUALIFIERS

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

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.

A = Concentration originally exceeded the instrument calibration range or below the reporting limit; sample was diluted and re-run for this compound.

TABLE 2E
AOC-2D
WASTE CHARACTERIZATION SAMPLE RESULTS
ATLAS PARK IIR AREA (PARCEL A)

Sample ID	SP2-D-111804	SP2-D1-111804	SP2-D2-111804	SP2-D3-111804
Sample Date	11/16/2004	11/16/2004	11/16/2004	11/16/2004
Sample Type	Composite	Grab	Grab	Grab
VOC	ug/kg	ug/kg	ug/kg	ug/kg
	ND	NA	NA	NA
TOTAL VOCs	ND	NA	NA	NA
SVOCs	ug/kg	ug/kg	ug/kg	ug/kg
ACENAPHTHYLENE	70	NA	NA	NA
ANTHRACENE	130	NA	NA	NA
BENZO(G,H)PERYLENE	280	NA	NA	NA
BIS(2-ETHYLHEXYL)PHTHALATE	120	NA	NA	NA
DIBENZ(A,H)ANTHRACENE	120	NA	NA	NA
DIN-BUTYL PHTHALATE	140	NA	NA	NA
FLUORANTHENE	880	NA	NA	NA
INDENO(1,2,3-CD)PYRENE	290	NA	NA	NA
PHENANTHRENE	470	NA	NA	NA
PYRENE	710	NA	NA	NA
TOTAL SVOCs	3210	NA	NA	NA
METALS	mg/kg	mg/kg	mg/kg	mg/kg
BARIUM	NA	NA	NA	NA
CALCIUM METAL	NA	NA	NA	NA
CHROMIUM	NA	NA	NA	NA
COBALT	NA	NA	NA	NA
COPPER	NA	NA	NA	NA
IRON	NA	NA	NA	NA
LEAD	NA	NA	NA	NA
MAGNESIUM	NA	NA	NA	NA
MANGANESE	NA	NA	NA	NA
NICKEL	NA	NA	NA	NA
POTASSIUM	NA	NA	NA	NA
VANADIUM	NA	NA	NA	NA
ZINC	NA	NA	NA	NA
MOISTURE	%	%	%	%
	17.7	NA	NA	NA

NOTES:
1) NYSDDEC RSCOs obtained from TAGM 4046.
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).
T = Compound was found in TCLP Blank

**TABLE 2E
AOC-2D
WASTE CHARACTERIZATION SAMPLE RESULTS
ATLAS PARK IRM AREA (PARCEL A)**

Task Code Sample ID Sample Type Sample Date	Hazardous Waste Regulatory Levels for Toxicity Characteristic	SP2-D-111604 Composite 11/16/2004	SP2-D-111604 Grab 11/16/2004	SP2-D2-111604 Grab 11/16/2004	SP2-D3-111604 Grab 11/16/2004
TCLP VOCS					
CHLOROFORM	mg/l 6	mg/l 0.001 J	mg/l 0.00084 J	mg/l 0.0009 J	mg/l 0.00089 J
TCLP SVOCs					
	mg/l	mg/l ND	mg/l NA	mg/l NA	mg/l NA
TCLP METALS					
BARIUM	mg/l 100	mg/l 0.648	mg/l NA	mg/l NA	mg/l NA
LEAD	mg/l 50	mg/l 0.078	mg/l NA	mg/l NA	mg/l NA
RCRA CHARACTERISTICS					
IGNITABILITY	positive/negative yes/no	negative no	NA	NA	NA
CORROSIVITY	2<pH<12.5	7.52	NA	NA	NA
PH					
REACTIVE CYANIDE	mg/kg 250	mg/kg < 500 U	mg/kg NA	mg/kg NA	mg/kg NA
REACTIVE SULFIDE	mg/kg 500	mg/kg < 12 U	mg/kg NA	mg/kg NA	mg/kg 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).

T = Compound was found in TCLP Blank

TABLE 2E
AOC-2D
WASTE CHARACTERIZATION SAMPLE RESULTS
ATLAS PARK IRM AREA (PARCEL A)

Task Code	WC	
Sample ID	SP-2D-12-13-04	
Sample Type	Composite	
Sample Date	12/13/2004	
mg/kg		
METALS		
ARSENIC	6.3	B
BARIUM	141	
CHROMIUM (TOTAL)	22.5	
LEAD	157	N
MERCURY	0.58	
	%	
TOTAL SOLIDS	81.8	
MOISTURE	18.2	

NOTES:

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

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

TABLE 2F
AOC-B29
WASTE CHARACTERIZATION SAMPLE RESULTS
ATLAS PARK IRM AREA (PARCEL A)

Task Code	WC	
Sample ID	SP-B29-010505	
Sample Date	1/5/2005	
Sample Type	Composite	
METALS	mg/kg	
ARSENIC	6.2	B
BARIUM	980	X
CADMIUM	3.7	B
CHROMIUM (TOTAL)	23.5	
LEAD	1300	
SILVER	0.62	B
MERCURY	1	
	%	
TOTAL SOLIDS	84.5	
MOISTURE	15.5	

NOTES:

QUALIFIERS

B = Result is less than the CRDL/RL, but greater than or
X = LCS, LCD, MD: Batch QC exceeds the upper or low

TABLE 2G
AOC-DRUM AREA
WASTE CHARACTERIZATION SAMPLE RESULTS
ATLAS PARK IRM AREA (PARCEL A)

Task Code Sample ID Sample Date Sample Type Unit	Hazardous Waste Regulatory Levels for Toxicity Characteristic mg/l	WC-DRUMS S-1 11/19/2004 Composite mg/l	WC-DRUMS S-2 11/19/2004 Composite mg/l
TCLP VOCS		NA	NA
TCLP SVOCS		NA	NA
TCLP METALS			
BARIUM	100	0.89	NA
LEAD	5	0.14	NA
COPPER	-	0.092	NA
ZINC	-	2.1	NA
MERCURY	0.2	0.0038	NA
RCRA CHARACTERISTICS		NA	NA

NOTES:

1) See Appendix I for GC/FID Fingerprint Report from Meta Laboratories, Inc. (Drums-121704)

2) Only Detected Compounds are summarized.

RCRA = Resource Conservation and Recovery Act.

ND = Not Detected

ORGANICS:

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

**TABLE 2G
AOC-DRUM AREA
WASTE CHARACTERIZATION SAMPLE RESULTS
ATLAS PARK IRM AREA (PARCEL A)**

Location ID	WC-DRUMS		WC-DRUMS
Sample ID	S-1		S-2
Sample Date	11/19/2004		11/19/2004
Sample Type	Composite		Composite
VOC	ug/kg		ug/kg
1,2,4-TRIMETHYLBENZENE	39000		650000
1,3,5-TRIMETHYLBENZENE	17000		670000
4-ISOPROPYLTOLUENE	32000		62000
CHLOROBENZENE	< 5000	U	6900
ETHYLBENZENE	24000		24000
ISOPROPYLBENZENE	17000		51000
NAPHTHALENE	10000		20000
n-BUTYLBENZENE	50000		150000
n-PROPYLBENZENO	41000		250000
m-p XYLENES	7200		120000
o-Xylene	< 5000	U	77000
TOTAL XYLENE	7200		197000
sec-BUTYLBENZENE	33000		65000
TOLUENE	< 5000	U	1900
TOTAL VOCs	270200		2147800
SVOCs	ug/kg		ug/kg
2-METHYLNAPHTHALENE	6300		21000
NAPHTHALENE	21000		160000
TOTAL SVOCs	27300		181000
METALS	ug/kg		ug/kg
ARSENIC	20	< 1	U
BARIUM	61	< 2	U
CHROMIUM	28	< 2	U
COPPER	72	< 2	U
LEAD	68	< 2	U
NICKEL	16	< 2	U
ZINC	340		2.6
MERCURY	0.24		0.11
PCBs	mg/kg		mg/kg
	ND		ND
PESTICIDES	ug/kg		ug/kg
	ND		NA
HERBICIDES	ug/kg		ug/kg
	ND		NA
TOTAL PETROLEUM HYDROCARBONS	mg/kg		mg/kg
	54000		88000
TOTAL SOLIDS	83		100

NOTES:

- 1) See Appendix I for GC/FID Fingerprint Report from Meta Laboratories, Inc. (Drums-121704)
 - 2) Only Detected Compounds are summarized.
- NA = Not Analyzed
ND = Not Detected

ORGANICS:

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

TABLE 2H
AOC-2E
WASTE CHARACTERIZATION SAMPLE RESULTS
ATLAS PARK IRM AREA (PARCEL A)

Task Code Sample ID	Hazardous Waste Regulatory Levels for	WC SP-2E-12-13-04 Composite 12/13/2004	WC SP-2E-011405 Composite 1/14/2005	WC SP-2E-020405 Composite 2/4/2005	WC SP-2E-021005 Composite 2/10/2005
Sample Date	Toxicity Characteristics				
TCLP METALS	mg/l	mg/l	mg/l	mg/l	mg/l
ARSENIC	5	0.0209 B	NA	NA	NA
BARIUM	100	0.533	NA	NA	NA
CADMIUM	1	< 0.0055 U	NA	NA	NA
CHROMIUM (TOTAL)	5	< 0.0065 U	NA	NA	NA
LEAD	5	0.45	NA	NA	NA
SELENIUM	1	< 0.025 U	NA	NA	NA
SILVER	5	< 0.0055 U	NA	NA	NA
MERCURY	0.2	< 0.0009 U	NA	NA	NA
					mg/kg
TOTAL ORGANIC HALIDES		< 0.011 U	NA	< 0.03 U	< 10 U
TCLP HERBICIDES		NA	NA	ND	ND
RCRA CHARACTERISTICS	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
REACTIVE CYANIDE	250	< 0.5 (RL) U	< 0.5 (RL) U	< 0.5 (RL) U	< 0.5 (RL) U
REACTIVE SULFIDE	500	< 12 U	< 20 U	< 20 U	< 20 U
IGNITABILITY	negative	negative	negative	negative	negative
CORROSIVITY	no	no	no	no	no

NOTES:

RCRA : Resource Conservation and Recovery Act

NA = Sample Not Analyzed for the associated compound

QUALIFIERS

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

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

TABLE 2H
AOC-2E
WASTE CHARACTERIZATION SAMPLE RESULTS
ATLAS PARK IRM AREA (PARCEL A)

Task Code	WC	WC	WC
Sample ID	SP-2E-12-13-04	SP-2E-020405	SP-2E-021005
Sample Date	12/13/2004	2/4/2005	2/10/2005
Sample Type	Composite	Composite	Composite
Unit	mg/Kg	mg/Kg	mg/Kg
METALS			
ARSENIC	6.6 B	NA	NA
BARIUM	128	NA	NA
CHROMIUM (TOTAL)	26.1	NA	NA
LEAD	241 N	NA	NA
SULFUR	1038	NA	NA
MERCURY	0.053	NA	NA
GRO	130	NA	NA
TPH	190	NA	NA
TOTAL SULFUR		%	mg/kg
	NA	0.01	1038

NOTES:

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

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

NA = Sample Not Analyzed for the associated compound

TABLE 2H
AOC-2E
WASTE CHARACTERIZATION SAMPLE RESULTS
ATLAS PARK IRM AREA (PARCEL A)

Task Code	WC	
Sample ID	SP-2E-12-13-04	
Sample Date	12/13/2004	
Sample Type	Composite	
	ug/Kg	
VOCS		
CIS-1,2-DICHLOROETHENE	2.8	J
DICHLOROMETHANE	8.2	
METHYLBENZENE	3.3	J
XYLENE (TOTAL)	43	
TOTAL VOCS	79.3	
SVOCS		
2-METHYLNAPHTHALENE	920	
ACENAPHTHYLENE	170	J
ACENAPTHENE	290	J
ANTHRACENE	630	
BENZO(A)ANTHRACENE	1700	
BENZO(A)PYRENE	1500	
BENZO(B)FLUORANTHENE	1500	
BENZO(G,H,I)PERYLENE	820	
BENZO(K)FLUORANTHENE	1200	H
BIS(2-ETHYLHEXYL)PHTHALATE	3000	
CARBAZOLE	270	J
CHRYSENE	1600	
DIBENZ(A,H)ANTHRACENE	390	
DIBENZOFURAN	190	J
DI-N-BUTYLPHTHALATE	210	J
FLUORANTHENE	4200	AD ²
FLUORENE	310	J
INDENO(1,2,3-CD)PYRENE	870	
NAPHTHALENE	600	
PHENANTHRENE	2500	
PYRENE	2900	
TOTAL SVOCS	25770	
PCBS		
AROCLOR - 1254 (PCB-1254)	19	JM
AROCLOR - 1260 (PCB-1260)	14	JM
TOTAL PCBS	33	
PESTICIDES		
1,1,1-TRICHLORO-2,2-BIS (P-METHOXYPHENYL)-ETHANE	12	J
4,4'-DDE	4.8	
ENDOSULFAN SULFATE	5.1	
GAMMA-CHLORDANE	0.3	J
HEPTACHLOR EPOXIDE	0.55	J
	%	
TOTAL SOLIDS	84.5	
MOISTURE	15.5	

NOTES:

QUALIFIERS

H = Alternate peak selection upon Analytical review

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

ORGANICS: (PCBS, Pesticides, and Herbicides)

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

M = Manually integrated compound.

A = Concentration originally exceeded the instrument calibration range or below the reporting limit; sample was diluted and re-run for this compound.

TABLE 2I
AOC-2F
WASTE CHARACTERIZATION SAMPLE RESULT
ATLAS PARK IRM AREA (PARCEL A)

Task Code Sample ID Sample Date Sample Type Unit	WC SP-2F-011705(4) 1/17/2005 Composite ug/Kg	
	ug/kg	
SVOCS		
2-METHYLNAPHTHALENE	2400	JAD ⁴
4-METHYLPHENOL	2700	JAD ⁴
ACENAPHTHYLENE	1600	JAD ⁴
ACENAPTHENE	5100	JAD ⁴
ANTHRACENE	7500	AD ⁴
BENZO(A)ANTHRACENE	18000	AD ⁴
BENZO(A)PYRENE	17000	HAD ⁴
BENZO(B)FLUORANTHENE	17000	AD ⁴
BENZO(G,H,I)PERYLENE	11000	AD ⁴
BENZO(K)FLUORANTHENE	17000	HAD ⁴
BIS(2-ETHYLHEXYL)PHTHALATE	640	JAD ⁴
CARBAZOLE	2500	JAD ⁴
CHRYSENE	22000	AD ⁴
DIBENZ(A,H)ANTHRACENE	5000	AD ⁴
DIBENZOFURAN	4500	JAD ⁴
DI-N-BUTYLPHTHALATE	990	JAD ⁴
FLUORANTHENE	38000	AD ³
FLUORENE	7100	JAD ⁴
INDENO(1,2,3-CD)PYRENE	10000	AD ⁴
NAPHTHALENE	4500	AD ⁴
PHENANTHRENE	22000	HAD ⁴
PYRENE	30000	AD ³
TOTAL SVOCS	246530	
PCBS		
AROCLOR - 1260 (PCB-1260)	39	
TOTAL PCBS	39	
	%	
TOTAL SOLIDS	64	
MOISTURE	36	

NOTES:

ND = Not Detected

QUALIFIERS

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

H = Alternate Peak Slection Upon Analytical Review

A = Concentration originally exceeded the instrument calibration range or below

ORGANICS: (PCBS, Pesticides, and Herbicides)

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

B = Compound was detected in the blank and sample.

TABLE 21
AOC-2F
WASTE CHARACTERIZATION SAMPLE RESULTS
ATLAS PARK IRM AREA (PARCEL A)

Task Code Sample ID Sample Type Sample Date	Hazardous Waste Regulatory Levels for Toxicity Characteristics	WC SP-2F-011705(1) Composite 1/17/2005	WC SP-2F-011705(2) Composite 1/17/2005	WC SP-2F-011705(3) Composite 1/17/2005	WC SP-2F-011705(4) Composite 1/17/2005	WC SP-2F-021005 Composite 2/10/2005
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
TCLP VOCs						
2-BUTANONE (METHYL ETHYL KETONE)	200	0.0063 JB	0.0061 JB	0.005 JB	0.0055 JB	NA JB
CHLOROFORM	6	0.00077 JT	0.0007 UT	0.00079 JT	0.00072 JT	NA JT
TCLP PESTICIDES						
		NA	NA	NA	ND	NA
TCLP METALS						
ARSENIC	5	NA	NA	NA	0.0057 B	NA B
BARIUM	100	NA	NA	NA	0.177	NA
CHROMIUM (TOTAL)	5	NA	NA	NA	0.009 B	NA B
TCLP HERBICIDES						
		NA	NA	NA	NA	ND
IGNITABILITY		NA	NA	NA	NEGATIVE	NA
CORROSIVITY		NA	NA	NA	NO	NA
pH	negative no 2<pH<12.5	NA	NA	NA	8.05	NA

NOTES:

NA = Not Analysed

QUALIFIERS

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

ORGANICS:

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

T = Compound was found in TCLP Blank

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

TABLE 2I
AOC-2F
WASTE CHARACTERIZATION SAMPLE RESULTS
ATLAS PARK IRM AREA (PARCEL A)

Task Code	WC	WC
Sample ID	SP-2F-021005	E14-021405
Sample Date	2/10/2005	2/15/2005
Sample Type	Composite	Composite
Unit	ug/Kg	ug/Kg
STARS VOCS	NA	ND
STARS SVOCs	NA	ND
TPH	NA	63
METALS		
BARIUM	NA	23.8
CHROMIUM (VI)	NA	7.25
LEAD	NA	3.91
SULFUR	7624	-
TOTAL ORGANIC HALIDES (TOX)	< 10000 U	NA

NOTES:

ND = Not Detected

NA = Not Analysed

TABLE 2J
AOC-2G
WASTE CHARACTERIZATION SAMPLE RESULTS
ATLAS PARK IIR AREA (PARCEL A)

Task Code Sample ID Sample Type Sample Date	Hazardous Waste Regulatory Levels for Toxicity Characteristic	WC SP-2G-012005(1) Grab 1/20/2005	WC SP-2G-012005(2) Grab 1/20/2005	WC SP-2G-012005(3) Grab 1/20/2005	WC SP-2G-012005(4) Composite 1/20/2005	WC SP-2G-021005 Composite 2/10/2005
	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
TCLP VOCs						
CHLOROFORM	6	0.00081 JT	0.00086 JT	0.00087 JT	0.00087 JT	NA
TCLP SVOCs						
		NA	NA	NA	ND	NA
TCLP METALS						
BARIUM	100	NA	NA	NA	0.473	NA
TCLP HERBICIDES						
		NA	NA	NA	ND	ND
RCRA CHARACTERISTICS						
IGNITABILITY	positive/negative	NA	NA	NA	negative	NA
CORROSIVITY	yes/no	NA	NA	NA	no	NA
PH	2<PH<12.5	NA	NA	NA	7.08	NA
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
REACTIVE CYANIDE	250	NA	NA	NA	< 0.5	U
REACTIVE SULFIDE	500	NA	NA	NA	< 12000	U

NOTES:

NA = Not Analysed
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).
T = Compound was found in TCLP Blank

TABLE 2J
AOC-2G
WASTE CHARACTERIZATION SAMPLE RESULTS
ATLAS PARK IRM AREA (PARCEL A)

Task Code	WC	WC
Sample ID	SP-2G-012005(4)	SP-2G-021005
Sample Date	1/20/2005	2/10/2005
Sample Type	Composite	Composite
	ug/kg	ug/kg
SVOCs		
BENZO(K)FLUORANTHENE	44 JM	NA
CHRYSENE	50 J	NA
FLUORANTHENE	100 J	NA
PHENANTHRENE	55 J	NA
PYRENE	81 J	NA
TOTAL SVOCs	330	NA
PCBS	ND	NA
HERBICIDES	ND	NA
SULFUR	1140	1140
TOTAL ORGANIC HALIDES (TOX)	NA	< 10000 U
	%	%
TOTAL SOLIDS	83.6	NA
MOISTURE	14.6	NA

NOTES:

ND = Not Detected

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 compo

M = Manually integrated compound.

TABLE 2J
AOC-2G
WASTE CHARACTERIZATION SAMPLE RESULTS
ATLAS PARK IIR AREA (PARCEL A)

Task Code	Hazardous Waste Regulatory Levels for Toxicity Characteristic	WC SP-2G-012005(1) Grab 1/20/2005	WC SP-2G-012005(2) Grab 1/20/2005	WC SP-2G-012005(3) Grab 1/20/2005	WC SP-2G-012005(4) Composite 1/20/2005	WC SP-2G-021005 Composite 2/10/2005
Sample ID	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
Sample Type						
Sample Date						
TCLP VOCs						
CHLOROFORM	6	0.00081 JT	0.00086 JT	0.00087 JT	0.00087 JT	NA
TCLP SVOCs						
		NA	NA	NA	ND	NA
TCLP METALS						
BARIUM	100	NA	NA	NA	0.473	NA
TCLP HERBICIDES						
		NA	NA	NA	ND	ND
RCRA CHARACTERISTICS						
IGNITABILITY	positive/negative	NA	NA	NA	negative	NA
CORROSIVITY	yes/no	NA	NA	NA	no	NA
pH	2 < pH < 12.5	NA	NA	NA	7.08	NA
REACTIVE CYANIDE	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
	250	NA	NA	NA	< 0.5	NA
REACTIVE SULFIDE	500	NA	NA	NA	< 12000	NA

NOTES:

NA = Not Analysed
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).
T = Compound was found in TCLP Blank

TABLE 2J
AOC-2G
WASTE CHARACTERIZATION SAMPLE RESULTS
ATLAS PARK IRM AREA (PARCEL A)

Task Code	WC	WC
Sample ID	SP-2G-012005(4)	SP-2G-021005
Sample Date	1/20/2005	2/10/2005
Sample Type	Composite	Composite
	ug/kg	ug/kg
SVOCS		
BENZO(K)FLUORANTHENE	44 JM	NA
CHRYSENE	50 J	NA
FLUORANTHENE	100 J	NA
PHENANTHRENE	55 J	NA
PYRENE	81 J	NA
TOTAL SVOCS	330	NA
PCBS	ND	NA
HERBICIDES	ND	NA
SULFUR	1140	1140
TOTAL ORGANIC HALIDES (TOX)	NA	< 10000 U
	%	%
TOTAL SOLIDS	83.6	NA
MOISTURE	14.6	NA

NOTES:

ND = Not Detected

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 compo

M = Manually integrated compound.

TABLE 2K
AOC-2H
WASTE CHARACTERIZATION SAMPLE RESULTS
ATLAS PARK IRM AREA (PARCEL A)

Task Code Sample ID Sample Date	WC SP-2H-021005 2/10/2005 Composite	WC SP-2H-012005(1) 1/20/2005 Grab	WC SP-2H-012005(2) 1/20/2005 Grab	WC SP-2H-012005(3) 1/20/2005 Grab	WC SP-2H-012005(4) 1/20/2005 Grab
Unit	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
METALS					
ALUMINUM	NA	NA	NA	NA	7620
ARSENIC	NA	NA	NA	NA	1.8
BARIUM	NA	NA	NA	NA	49.3
CALCIUM	NA	NA	NA	NA	6450
CHROMIUM (TOTAL)	NA	NA	NA	NA	18.3
COBALT	NA	NA	NA	NA	6
COPPER	NA	NA	NA	NA	35.8
IRON	NA	NA	NA	NA	13000
LEAD	NA	NA	NA	NA	18.9
MAGNESIUM	NA	NA	NA	NA	4980
MANGANESE	NA	NA	NA	NA	392
NICKEL	NA	NA	NA	NA	13.5
POTASSIUM	NA	NA	NA	NA	774
SODIUM	NA	NA	NA	NA	188
SULFUR	0.703	NA	NA	NA	NA
VANADIUM	NA	NA	NA	NA	20.6
ZINC	NA	NA	NA	NA	55.6
Total DRO	NA	127	355	419	NA

NOTES:

NA = Not Analyzed

QUALIFIERS

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

TABLE 2K
AOC-2H
WASTE CHARACTERIZATION SAMPLE RESULTS
ATLAS PARK IRM AREA (PARCEL A)

Task Code	WC	WC
Sample ID	SP-2H-021005	SP-2H-012005(4)
Sample Date	2/10/2005	1/20/2005
Unit	Composite	Grab
	ug/Kg	ug/Kg
BTEX COMPOUNDS	NA	ND
PCBS		
AROCLOR - 1260 (PCB-1260)	NA	17 J
TOTAL PCBS	-	17
TOTAL ORGANIC HALIDES (TOX)	< 10000 U	NA
TOTAL SOLIDS	-	91.2
MOISTURE	-	8.8

NOTES:

NA = Not Analysed

ND = Not Detected

QUALIFIERS

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

TABLE 2K
AOC-2H
WASTE CHARACTERIZATION SAMPLE RESULTS
ATLAS PARK IRM AREA (PARCEL A)

Location ID Sample ID Sample Date Unit	Hazardous Waste Regulatory Levels for Toxicity Characteristic	2H SP-2H-EP-J7-012005 \ (DL1) 1/20/2005 ug/Kg
PCBS		
		NA
BTEX COMPOUNDS		
		NA
SVOCS		
2-METHYLNAPHTHALENE	36400	160 J
ACENAPTHENE	50000	890
ANTHRACENE	50000	1600
BENZO(A)ANTHRACENE	224	3100 AD ⁴
BENZO(A)PYRENE	61	2700
BENZO(B)FLUORANTHENE	220	2600 M
BENZO(G,H,I)PERYLENE	50000	1600
BENZO(K)FLUORANTHENE	220	2500 M
CHRYSENE	400	3000 AD ⁴
DIBENZ(A,H)ANTHRACENE	14	770
FLUORANTHENE	50000	6800 AD ⁴
FLUORENE	50000	720
INDENO(1,2,3-CD)PYRENE	3200	1500
NAPHTHALENE	13000	250 J
PHENANTHRENE	50000	6300 AD ⁴
PYRENE	50000	5900 AD ⁴
		%
Moisture		9.2
Total Solids		90.8
DRO		NA
METALS		NA

NOTES:

NA = Not Analyzed

QUALIFIERS

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

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

M = Manually integrated compound.

A = Concentration exceeds the instrument calibration range or below the reporting limit

TABLE 2K
AOC-2H
WASTE CHARACTERIZATION SAMPLE RESULTS
ATLAS PARK IRM AREA (PARCEL A)

Task Code	Hazardous Waste Regulatory Levels for Toxicity Characteristic	WC SP-2H-012005(1) Grab 1/20/2005	WC SP-2H-012005(2) Grab 1/20/2005	WC SP-2H-012005(3) Grab 1/20/2005	WC SP-2H-012005(4) Composite 1/20/2005	WC SP-2H-021005 Composite 2/10/2005
Sample ID						
Sample Type						
Sample Date						
TCLP VOCs	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		ND	ND	ND	NA	NA
TCLP METALS						
BARIUM	100	NA	NA	NA	0.778	NA
LEAD	5	NA	NA	NA	0.107	NA
TCLP HERBICIDES						
		NA	NA	NA	NA	ND
RCRA CHARACTERISTICS	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
REACTIVE CYANIDE	250	NA	NA	NA	< 0.5	U
REACTIVE SULFIDE	500	NA	NA	NA	< 12	U
IGNITABILITY	negative	NA	NA	NA	negative	NA
CORROSIVITY	no	NA	NA	NA	no	NA
pH	2<pH<12.5	NA	NA	NA	7.44	NA
TOTAL SULFUR		NA	NA	NA	NA	0.703

NOTES:

RCRA = Resource Conservation and Recovery Act.
 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).
 T = Compound was found in TCLP Blank

TABLE 2K
AOC-2I
WASTE CHARACTERIZATION SAMPLE RESULTS
ATLAS PARK IIRM AREA (PARCEL A)

Task Code	Hazardous Waste	WC
Sample ID	Regulatory Levels for	SP-2I-030705
Sample Type	Toxicity Characteristic	
Sample Date		3/8/2005
TCLP METALS, VOCS, SVOCS, PESTICIDES AND HERBICIDES	mg/l	mg/l
		ND
RCRA CHARACTERISTICS	mg/kg	mg/kg
REACTIVE CYANIDE	250	< 5 U
REACTIVE SULFIDE	500	12 U
TOXICITY	-	10
SULFUR	-	144
IGNITABILITY	negative	negative
pH	2<pH<12.5	7.46

NOTES:

RCRA = Resource Conservation and Recovery Act.

ND = Not Detected

QUALIFIERS

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

TABLE 2K
AOC-2I
WASTE CHARACTERIZATION SAMPLE RESULTS
ATLAS PARK IRM AREA (PARCEL A)

Task Code Sample ID Sample Date Sample Type Unit	NYSDEC TAGM RECOMMENDED SOIL CLEANUP ug/Kg	WC SP-2I-030705 3/8/2005 ug/Kg
VOCS		
TOTAL VOCS	10000	ND
SVOCS		
ANTHRACENE	50000	55
BENZO(A)ANTHRACENE	224	134
BENZO(A)PYRENE	61	156
BENZO(B)FLUORANTHENE	220	205
BENZO(G,H,I)PERYLENE	50000	96
BENZO(K)FLUORANTHENE	220	74
BIS(2-ETHYLHEXYL)PHTHALATE	50000	558
CHRYSENE	400	178
FLUORANTHENE	50000	366
INDENO(1,2,3-CD)PYRENE	3200	101
PHENANTHRENE	50000	241
PYRENE	50000	300
TOTAL SVOCS	500000	2464
PCBS		
TOTAL PCBS	10000	ND

NOTES:

- 1) NYSDEC RSCOs obtained from TAGM 4046.
2) NYSDEC exceedances are highlighted in **BOLD**.
ND = Not Detected

TABLE 2L
AOC-B41
WASTE CHARACTERIZATION SAMPLE RESULTS
ATLAS PARK IRM AREA (PARCEL A)

Task Code	WC	WC	WC	WC
Sample ID	SP-B41-030705(1)	SP-B41-030705(2)	SP-B41-030705(3)	SP-B41-030705(4)
Sample Date	3/7/2005	3/7/2005	3/7/2005	3/7/2005
Sample Type	Grab	Grab	Grab	Grab
Unit	ug/Kg	ug/Kg	ug/Kg	ug/Kg
VOCS				
TOTAL SVOCS	ND	ND	ND	NA
SVOCS				
TOTAL SVOCS	ND	ND	ND	NA
PCBS				
TOTAL PCBS	NA	NA	NA	ND

NOTES:

NA = Not Analyzed
ND = Not Detected

TABLE 2L
AOC-B41
WASTE CHARACTERIZATION SAMPLE RESULTS
ATLAS PARK IRM AREA (PARCEL A)

Task Code Sample ID Sample Type Sample Date	Hazardous Waste Regulatory Levels for Toxicity Characteristic	WC SP-B41-030705(1) Grab 3/7/2005	WC SP-B41-030705(2) Grab 3/7/2005	WC SP-B41-030705(3) Grab 3/7/2005	WC SP-B41-030705(4) Grab 3/7/2005	WC SP-B41-031405 Composite 3/14/2005
TCLP VOCS	ug/L	ug/L ND	ug/L ND	ug/L ND	ug/L ND	ug/L NA
TCLP SVOCs	ug/L	ug/L NA	ug/L NA	ug/L NA	ug/L NA	ug/L ND
TCLP PESTICIDES		NA	NA	NA	NA	ND
TCLP HERBICIDES		NA	NA	NA	NA	ND
TCLP METALS	mg/L	mg/L NA	mg/L NA	mg/L NA	mg/L NA	mg/L ND
RCRA CHARACTERISTICS	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
SULFUR	-	NA	NA	NA	NA	61.4
REACTIVE CYANIDE	-	NA	NA	NA	NA	5 U
REACTIVE SULFIDE	-	NA	NA	NA	NA	2 U
TOXICITY	-	NA	NA	NA	NA	10 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.

TABLE 2M
AOC-2J
WASTE CHARACTERIZATION SAMPLE RESULTS
ATLAS PARK IIRM AREA (PARCEL A)

Task Code Sample ID Sample Type Sample Date	Hazardous Waste Regulatory Levels for Toxicity Characteristic	WC L13-030405 Composite 3/4/2005	WC L13-030405(1) Grab 3/4/2005	WC L13-030405(2) Grab 3/4/2005	WC L13-030405(3) Grab 3/4/2005
	mg/l	mg/l	mg/l	mg/l	mg/l
TCLP-METALS					
ARSENIC	5	0.0215	NA	NA	NA
BARIUM	100	0.5740	NA	NA	NA
LEAD	5	0.0892	NA	NA	NA
SELENIUM	1	0.0328	NA	NA	NA
TOTAL ORGANIC HALOGENS					
		NA	ND	ND	ND
TOTAL DRO		NA	NA	NA	168

NOTES:

RCRA = Resource Conservation and Recovery Act.

NA = Not Analyzed

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

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

B = Compound was detected in the blank and sample.

TABLE 2M
AOC-2J
WASTE CHARACTERIZATION SAMPLE RESULTS
ATLAS PARK IRM AREA (PARCEL A)

Task Code Sample ID Sample Type Sample Date	WC L13-030405 Composite 3/4/2005	WC L13-030405(1) Grab 3/4/2005	WC L13-030405(2) Grab 3/4/2005	WC L13-030405(3) Grab 3/4/2005
	ug/Kg	ug/Kg	ug/Kg	ug/Kg
VOCs				
BENZENE	3 J	NA	NA	NA
ETHYLBENZENE	6.2	NA	NA	NA
XYLENE (TOTAL)	79	NA	NA	NA
TOTAL VOCs	88.2			
PCBS				
AROCLOR - 1260 (PCB-1260)	13 J	NA	NA	NA
TOTAL VOCs	13	NA	NA	NA
METALS				
ALUMINUM	8250.0	NA	NA	NA
ARSENIC	7.6	NA	NA	NA
BARIUM	62.9	NA	NA	NA
CALCIUM	4020.0	NA	NA	NA
COBALT	6.0	NA	NA	NA
CHROMIUM	21.7	NA	NA	NA
COPPER	92.4	NA	NA	NA
IRON	16300.0	NA	NA	NA
MERCURY	0.3	NA	NA	NA
POTASSIUM	632.0	NA	NA	NA
MAGNESIUM	2490.0	NA	NA	NA
MANGANESE	243.0	NA	NA	NA
SODIUM	158.0	NA	NA	NA
NICKEL	187.0	NA	NA	NA
LEAD	75.4	NA	NA	NA
ANTIMONY	1.7	NA	NA	NA
VANADIUM	28.3	NA	NA	NA
ZINC	160.0	NA	NA	NA
QUALIFIERS				
	%	%	%	%
TOTAL SOLIDS	86.7	77.8	81.5	75.2
MOISTURE	13.3	NA	NA	NA

NOTES:

NA = Not Analyzed
ND = Not Detected

ORGANICS:

J = Result is an estimated value below the reporting limit or a tentatively identified compound (TIC).
B = Compound was detected in the blank and sample.

TABLE 2N
AOC-2J2
WASTE CHARACTERIZATION SAMPLE RESULTS
ATLAS PARK IIR AREA (PARCEL A)

Task Code Sample ID Sample Type Sample Date	Hazardous Waste Regulatory Levels for Toxicity Characteristic	WC SP-2J2-032105(1) Grab 3/21/2005	WC SP-2J2-032105(2) Grab 3/21/2005	WC SP-2J2-032105(3) Grab 3/21/2005	WC SP-2J2-032105(4) Composite 3/21/2005
	mg/L	mg/L	mg/L	mg/L	mg/L
TCLP-VOCS					
2-BUTANONE (METHYL ETHYL KETONE)	200	0.002 JB	0.0021 JB	0.0022 JB	0.0019 JB
TETRACHLOROETHENE	0.7	< 0.0005 U	0.00098 J	< 0.0005 U	< 0.0005 U
TCLP-SVOCs					
		NA	NA	NA	ND
TOTAL ORGANIC HALIDES					
		NA	NA	NA	< 0.011 U
TCLP-METALS					
BARIUM	100	NA	NA	NA	0.574
LEAD	5	NA	NA	NA	0.0337 B
TCLP-HERBICIDES					
		NA	NA	NA	ND
RCRA CHARACTERISTICS					
REACTIVE CYANIDE	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
	250	NA	NA	NA	< 12 U
REACTIVE SULFIDE	500	NA	NA	NA	< 12 U
IGNITABILITY CORROSIVITY	negative no	NA NA	NA NA	NA NA	negative no

NOTES:

RCRA = Resource Conservation and Recovery Act.

NA = Not Analyzed

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.

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

B = Compound was detected in the blank and sample.

TABLE 2N
AOC-2J2
WASTE CHARACTERIZATION SAMPLE RESULTS
ATLAS PARK IIR AREA (PARCEL A)

Task Code	WC	WC	WC	WC	WC
Sample ID	SP-2J2-032105(1)	SP-2J2-032105(2)	SP-2J2-032105(3)	SP-2J2-032105(4)	
Sample Type	Grab	Grab	Grab	Composite	
Sample Date	3/21/2005	3/21/2005	3/21/2005	3/21/2005	
	ug/Kg	ug/Kg	ug/Kg	ug/Kg	
VOCS					
ACETONE	12 JB	14 B	18 B	NA	
DICHLOROMETHANE	4.8 JB	4.4 UB	5.9 JB	NA	
TOTAL VOCS	16.8	14	23.9	NA	
SVOCs					
BENZO(A)ANTHRACENE	NA	NA	NA	390	
BENZO(A)PYRENE	NA	NA	NA	370	
BENZO(B)FLUORANTHENE	NA	NA	NA	330	J
BENZO(G,H,I)PERYLENE	NA	NA	NA	230	J
BENZO(K)FLUORANTHENE	NA	NA	NA	310	J
BIS(2-ETHYLHEXYL)PHTHALATE	NA	NA	NA	70	J
CHRYSENE	NA	NA	NA	400	
DIBENZO(A,H)ANTHRACENE	NA	NA	NA	64	J
FLUORANTHENE	NA	NA	NA	560	
INDENO(1,2,3-CD)PYRENE	NA	NA	NA	220	J
PHENANTHRENE	NA	NA	NA	48	J
PYRENE	NA	NA	NA	540	
TOTAL SVOCs	NA	NA	NA	3532	
PCBS					
TOTAL VOCS	NA	NA	NA	ND	
	%	%	%	%	
TOTAL SOLIDS	75.9	78.7	76.8	87.9	
MOISTURE	24.1	21.3	23.2	12.1	

NOTES:

NA = Not Analyzed
ND = Not Detected

QUALIFIERS

ORGANICS:

J = Result is an estimated value below the reporting limit or a tentatively identified compound (TIC).
B = Compound was detected in the blank and sample.

TABLE 20
AOC-2L STOCK PILE
WASTE CHARACTERIZATION SAMPLE RESULTS
ATLAS PARK IRM AREA (PARCEL A)

Task Code	WC	WC	WC	WC
Sample ID	SP-L-042105(1)	SP-L-042105(2)	SP-L-042105(3)	SP-L-042105(4)
Sample Type	Grab	Grab	Grab	Composite
Sample Date	4/21/2005	4/21/2005	4/21/2005	4/21/2005
	ug/Kg	ug/Kg	ug/Kg	ug/Kg
VOCS				
1,3,5-TRIMETHYLBENZENE	84	NA	NA	NA
1,2,4-TRIMETHYLBENZENE	86	NA	NA	NA
TOTAL VOCS	170	NA	NA	NA
MTBE/BTEX				
	NA	NA	NA	ND
SVOCS				
2-METHYLNAPHTHALENE	NA	NA	NA	7133
ACENAPTHENE	NA	NA	NA	247
ANTHRACENE	NA	NA	NA	117
BENZO(A)ANTHRACENE	NA	NA	NA	122
BENZO(A)PYRENE	NA	NA	NA	165
BENZO(B)FLUORANTHENE	NA	NA	NA	214
BENZO(G,H,I)PERYLENE	NA	NA	NA	82
BENZO(K)FLUORANTHENE	NA	NA	NA	71
CHRYSENE	NA	NA	NA	167
FLUORANTHENE	NA	NA	NA	320
FLUORENE	NA	NA	NA	556
INDENO(1,2,3-CD)PYRENE	NA	NA	NA	87
NAPHTHALENE	NA	NA	NA	1781
PHENANTHRENE	NA	NA	NA	1609
PYRENE	NA	NA	NA	276
TOTAL SVOCS	NA	NA	NA	12947
PCBS				
TOTAL VOCS	NA	NA	NA	ND
TPH 8015	1114.0	1160	2007	1175
METALS				
	mg/Kg	mg/Kg	mg/Kg	mg/Kg
ARSENIC	NA	NA	NA	1.98
BARIUM	NA	NA	NA	31
CHROMIUM	NA	NA	NA	11.6
COPPER	NA	NA	NA	12.8
IRON	NA	NA	NA	28503
MERCURY	NA	NA	NA	0.032
MANGANESE	NA	NA	NA	236
NICKEL	NA	NA	NA	8.5
LEAD	NA	NA	NA	11.8
ZINC	NA	NA	NA	27.8
	mg/l	mg/l	mg/l	mg/l
TCLP METALS	NA	NA	NA	ND
RCRA CHARACTERISTICS				
FLASH POINT	NA	NA	NA	>140F
pH	NA	NA	NA	7.87
REACTIVE CYANIDE	NA	NA	NA	< 5 U
REACTIVE SULFIDE	NA	NA	NA	< 2 U

NOTES:

RCRA = Resource Conservation and Recovery Act.

NA = Not Analyzed

ND = Not Detected

QUALIFIERS

ORGANICS:

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

B = Compound was detected in the blank and sample.

TABLE 20
AOC-2L
WASTE CHARACTERIZATION SAMPLE RESULTS
ATLAS PARK IRM AREA (PARCEL A)

Task Code	WC
Sample ID	2L-L1Q-042205
Sample Type	
Sample Date	4/22/2005
VOCS	ug/l
1,2,4-TRIMETHYLBENZENE	1290000
1,3,5-TRIMETHYLBENZENE	369000
2-PHENYLBUTANE	61000
BENZENE	11700
ETHYLBENZENE	125000
ISOPROPYLBENZENE	43900
METHYLBENZENE	263000
NAPHTHALENE	2090000
N-BUTYLBENZENE	193000
N-PROPYLBENZENE	101000
O-XYLENE	329000
P-ISOPROPYLTOLUENE	81900
XYLENE (TOTAL)	721000
	mg/kg
PHC AS #2 FUEL OIL	357000
TPH	357000

TABLE 2P
AOC-2N
WASTE CHARACTERIZATION SAMPLE RESULTS
ATLAS PARK IIR AREA (PARCEL A)

Task Code Sample ID Sample Type Sample Date	Hazardous Waste Regulatory Levels for Toxicity Characteristic	WC 2N(1)-051205 Grab 5/12/2005	WC 2N(2)-051205 Grab 5/12/2005	WC 2N(3)-051205 Grab 5/12/2005	WC 2N(4)-051205 Composite 5/12/2005
TCLP VOCs		ug/L	ug/L	ug/L	ug/L
		ND	ND	ND	ND
TOLUENE		<	U	3.2	U
			11.8		15.6
TCLP SVOCs		ND	ND	ND	ND
TCLP PCBs		NA	NA	NA	ND
TCLP HERBICIDES		NA	NA	NA	ND
TCLP METALS	mg/L	mg/L	mg/L	mg/L	mg/L
BARIUM	100	NA	NA	NA	0.492
LEAD	5	NA	NA	NA	0.0121
RCRA CHARACTERISTICS	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
REACTIVE CYANIDE	250	NA	NA	NA	24.9
REACTIVE SULFIDE	500	NA	NA	NA	49.9
SULFUR	-	NA	NA	NA	847
TOTAL ORGANIC HALIDES	-	NA	NA	NA	< 50 U
IGNITABILITY	negative	NA	NA	NA	negative
pH	2 < pH < 12.5	NA	NA	NA	7.98
REACTIVITY	negative	NA	NA	NA	negative

NOTES:

RCRA = Resource Conservation and Recovery Act

ND = Not Detected

NA = Not Analyzed

QUALIFIERS

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

TABLE 2P
AOC-2N
WASTE CHARACTERIZATION SAMPLE RESULTS
ATLAS PARK IRM AREA (PARCEL A)

Task Code Sample ID Sample Type Sample Date	WC 2N(1)-051205 Grab 5/12/2005	WC 2N(2)-051205 Grab 5/12/2005	WC 2N(3)-051205 Grab 5/12/2005	WC 2N(4)-051205 Composite 5/12/2005
	ug/kg	ug/kg	ug/kg	ug/kg
VOCs				
TOLUENE	10600	5670	4990	17000
O-XYLENE	202	315	24.2	325
XYLENE (TOTAL)	474	678	31	638
TOTAL VOCs	11176	6663	4990	17963
SVOCs				
TOTAL SVOCs	NA	NA	NA	ND
PCBS				
TOTAL PCBS	NA	NA	NA	ND
	%	%	%	%
TOTAL SOLIDS	77.7	87.4	77.7	75

NOTES:

NA = Not Analysed
ND = Not Detected

QUALIFIERS

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

**OFF-SITE SOIL/WASTE DISPOSAL VOLUMES ⁽¹⁾ AND FACILITIES
THE SHOPS AT ATLAS PARK – INTERIM REMEDIAL MEASURE – IRM AREA
(From Oct. 18, 2004 to May 13, 2005)**

Material/AOC (if applicable)	Dates of Hauling	Facility and Volume of Material Transported					
		FDP Intermodal Facility, Jersey City, NJ	Clean Earth of Philadelphia, PA	OENJ- Bayonne, Bayonne, NJ	Clean Earth of Carteret, Carteret, NJ	Ferry Point Park, Bronx, NY	Clean Earth of North Jersey, Kearny, NJ
CATEGORY 1							
AOC 2A, 2C, 2D, B30, B41	10/13/04 to 5/06/05	78,965.45					
	11/23/04 to 1/25/05			31,405.16			
CATEGORY 1 (ELEVATED SVOCs ABOVE FDP AND OENJ PERMITTED LEVELS)							
	3/30/2005				311.16		
CATEGORY 2 (LEAD HAZARDOUS)							
Haz Lead/AOC 2B	12/23/04 to 5/04/05						3,004.54
Drummed Poly Sheets (Haz Lead Stockpile Covers)/ AOC 2B	2/16/05 to 2/23/05						2 Roll Off Containers
CATEGORY 2 (NON-HAZARDOUS)							
Buried Drums/ AOC Drum Area	1/6/05 to 1/7/05						6 roll offs Containers
Petrol. In Soil/ AOC-Drum Area	1/12/05 to 1/28/05						682.23
Lead in Soil/ AOC 2B	1/28/2005						42.11
Petrol. in Soil/ AOCs 2E, 2F, B29, B30, 2G, 2H/2I, 2J, 2K, 2L	2/16/05 to 5/06/05		5733.02				
PCBs in Soil (Onsite Stockpile)	2/4/2005						6.92
CATEGORY 3 SOIL							
(TAGM-CLEAN SOIL)	2/02/05 to 2/08/05						4,335 ⁽²⁾

Notes:

- (1) All volumes in tons unless noted otherwise. Volumes are based on the final tally of Earth Technologies Inc. weight tickets from the facilities.
 (2) Loads are not weighed at Ferry Point Park site. The facility uses a volume of 36 cubic yards per load; 92 loads transported to Ferry Point = 3,220 cubic yards or approx. 4,336 tons.

**TABLE 4A
SAMPLE INVENTORY
FOR
BUILDING 6 AREA
POST-EXCAVATION ENDPOINT SAMPLES (BOTTOM AND SIDEWALL)**

LOCATION	SAMPLE ID	TYPE OF SAMPLE	SAMPLE DATE	SDG NUMBER-LAB SAMPLE ID
AOC - SPECIFIC SAMPLES				
AOC 2A	EP-2A-F6-051105	end point	5/11/2005	SA 27803
	EP-2A-F9-051105	end point	5/11/2005	SA27803
	EP-2A-F10-051105	end point	5/11/2005	SA27803
AOC 2B	2B-EP-G4-011105	end point	1/11/2005	208496-001
	2B-EP-G4-122804	end point	12/28/2004	208423-001
	2B-EP-G5-011105	end point	1/11/2005	208496-002
	2B-EP-G5-122804	end point	12/28/2004	208423-002
	2B-EP-G6-011105	end point	1/11/2005	208496-003
	2B-EP-H4(NW)-011105	end point	1/11/2005	208496-010
	2B-EP-H4-122804	end point	12/28/2004	208423-003
	2B-EP-H5-122804	end point	12/28/2004	208423-004
	2B-EP-I3-122804	end point	12/28/2004	208423-005
	2B-EP-I4-011105	end point	1/11/2005	208496-011
	2B-EP-I4-122804	end point	12/28/2004	208423-006
	2B-EP-I5(NE)-011105	end point	1/11/2005	208496-009
	2B-EP-I5-122904	end point	12/29/2004	208437-004
	2B-EP-I6-122904	end point	12/29/2004	208437-003
	2B-EP-J3-122804	end point	12/28/2004	208423-007
	2B-EP-J4-122804	end point	12/28/2004	208423-008
	2B-EP-J5-122904	end point	12/29/2004	208437-005
AOC 2C	EP-2C-050805	end point	5/6/2005	SA27604
AOC 2D	EP-2D-051105	end point	5/11/2005	SA27803
AOC B29	B29-BOT-021405	end point	2/15/2005	208816-004
	B29-ESW-021405	sidewall	2/15/2005	208816-002
	B29-NSW-021405	sidewall	2/15/2005	208816-001
	B29-WSW-021405	sidewall	2/15/2005	208816-003
AOC B30	B-30-BOT-021805	end point	2/18/2005	208849-005
	B-30-ESW-021805	end point	2/18/2005	208849-
	B-30-NSW-021805	end point	2/18/2005	208849-
	B-30-SSW-021805	end point	2/18/2005	208849-
	B-30-WSW-021805	end point	2/18/2005	208849-
AOC UST F9	UST-F9-11-30-04	end point	11/30/2005	208163-002
AREA-WIDE SAMPLES				
END POINT	EP-E7-110404	end point	11/4/2004	207991-001
	EP-F11-11-30-04	end point	11/30/2004	208163
	EP-G6-031405	end point (re-collection)	3/14/2005	1068435-1068437
	EP-G6-010605	end point (failed TAGM)	1/6/2005	208474-001
	EP-H4-122804A	end point	12/28/2004	208423-009
	EP-H5-031405	end point (re-collection)	3/14/2005	1068435-1068437
	EP-H5-111504	end point (failed TAGM)	11/15/2004	208058-001
	EP-I5-122904	end point	12/29/2004	208437-001
	EP-I5-122904-DUP	end point	12/29/2004	208437-002
SIDEWALL	SW-2-111604	sidewall	11/16/2004	208070-002
	SW-3-121704	sidewall	12/17/2004	208377-005
	EP(SW)-G4-122904	sidewall	12/29/2004	208437-007
	EP(SW)-I3-122904	sidewall	12/29/2004	208437-006
	EP-SW-J3-012005	sidewall	1/20/2005	208593-002
	SW-H13-042105	sidewall	4/21/2005	SA26926-07
	DUP-6-042105	sidewall	4/21/2005	SA26926-04

NOTES:

- 1) These samples were analyzed for the TAGM 4046 compounds and/or STARS compounds.
- 2) See Tables 5, 4A and 4B for tabulated detected compounds.
- 3) See Appendix E, CD1 for full validated sample results.
- 4) Refer to CD3 according to SDG number for the original lab reports.

**TABLE 4B
SAMPLE INVENTORY
FOR
SOUTH PARKING GARAGE AREA
POST-EXCAVATION ENDPOINT SAMPLES (BOTTOM AND SIDEWALL)**

LOCATION	SAMPLE ID	TYPE OF SAMPLE	SAMPLE DATE	SDG NUMBER-LAB SAMPLE ID
AOC - SPECIFIC SAMPLES				
AOC 2E	DIESEL-BOT-010505	end point	1/5/2005	208473-006
	DIESEL-E-010505	sidewall	1/5/2005	208473-005
	DIESEL-N-010505	sidewall	1/5/2005	208473-003
	DIESEL-S-010505	sidewall	1/5/2005	208473-004
AOC 2F	E14-021405	end point	2/14/2005	1066138
	E14-SW-NW-16-20	sidewall	2/17/2005	1066529
	E14-SW-SW-20-24	sidewall	2/17/2005	1066530
	E14-SW-SE-20-24	sidewall	2/17/2005	1066528
	E14-SW-NE-16-20	sidewall	2/17/2005	1066527
AOC 2G	EP-BOT-B8-012105	end point	1/21/2005	208607-006
	EP-ESW-B8-012105	sidewall	1/21/2005	208607-003
	EP-NSW-B8-012105	sidewall	1/21/2005	208607-005
	EP-SSW-B8-012105	sidewall	1/21/2005	208607-002
	EP-SW-B8-012105	sidewall	1/21/2005	208607-001
	EP-WSW-B8-012105	sidewall	1/21/2005	208607-004
AOC DRUM AREA	DRUM-EP(1)011705	end point	1/17/2005	208556-001
	DRUM-EP(2)011705	end point	1/17/2005	208556-002
	DRUM-SSW(1)-010705	sidewall	1/7/2005	208479-002
	DRUM-SSW(2)-010705	sidewall	1/7/2005	208479-003
	DRUM-WSW-010705	sidewall	1/7/2005	208479-001
AOC UST_D11	UST-D11-12-2-04	end point	12/2/2004	208198-004
AREA-WIDE SAMPLES				
END POINT	EP-C10-122304	end point	12/23/2004	208421-003
	EP-C11-122304	end point	12/23/2004	208421-001
	EP-C13-10405	end point	1/4/2005	208457-003
	EP-C8-010505	end point	1/5/2005	208473-001
	EP-D14-10405	end point	1/4/2005	208457-001
SIDEWALL	SW-1-111604	sidewall	11/16/2004	208070-001
	SW-A11-010605	sidewall	1/6/2005	208473-007
	SW-A9-031005	sidewall	3/10/2005	209012-001
	SW-B14-031005	sidewall	3/10/2005	209012-002
	SW-B15-031005	sidewall	3/10/2005	209012-003
	SW-B7-032105	sidewall	3/21/2005	209078-005
	SW-D15-032105	sidewall	3/21/2005	209078-001
	SW-F15-032105	sidewall	3/21/2005	209078-002

NOTES:

- 1) These samples were analyzed for the TAGM 4046 compounds and/or STARS compounds.
- 2) See Tables 5, 4A and 4B for tabulated detected compounds.
- 3) See Appendix E, CD1 for full validated sample results.
- 4) Refer to CD3 according to SDG number for the original lab reports.

TABLE 4C
SAMPLE INVENTORY
FOR
PLAZA / PARK AREA
POST-EXCAVATION ENDPOINT SAMPLES (BOTTOM AND SIDEWALL)

LOCATION	SAMPLE ID	TYPE OF SAMPLE	SAMPLE DATE	SDG NUMBER-LAB SAMPLE ID
AOC - SPECIFIC SAMPLES				
AOC 2H	SW-J7-013105	end point	1/31/2005	SA208683-001
AOC 2J	L13-ESW-030905	sidewall	3/9/2005	1068206-1068213
	L13-NSW-031005	sidewall	3/10/2005	1068206-1068213
	L13-WSW-031005	sidewall	3/10/2005	1068206-1068213
	L13-BOT-031005	end point	3/10/2005	1068206-1068213
	L13-SSW-031005	sidewall	3/10/2005	1068206-1068213
AOC 2J2	2J2-BOT-031805	end point	3/18/2005	209073-001
	2J2-ESW-031805	sidewall	3/18/2005	209073-004
	2J2-NSW-031805	sidewall	3/18/2005	209073-002
	2J2-NSW-052305	sidewall	5/23/2005	SA28435
	2J2-SSW-031805	sidewall	3/18/2005	209073-003
	2J2-WSW-031805	sidewall	3/18/2005	209073-005
AOC B41	B41-BOT1-022805	end point	2/28/2005	208909-006
	B41-ESW-022805	sidewall	2/28/2005	208909-004
	B41-NSW-022805	sidewall	2/28/2005	208909-001
	B41-SSW-022805	sidewall	2/28/2005	208909-002
	B41-WSW-022805	sidewall	2/28/2005	208909-005
AREA-WIDE SAMPLES				
END POINT	EP-I7-011305	end point	1/13/2005	208518-001
	EP-J9-12-13-04	end point	12/13/2004	208309-001
	EP-K2-030705	end point	3/2/2005	208958-001
	EP-K5-011305	end point	1/13/2005	208518-002
	EP-L10-022405	end point	2/24/2005	208882-001
	EP-L6-012505	end point	1/25/2005	208647-002
	EP-L8-030405	end point	3/4/2005	208927-001
	EP-M4-030405	end point	3/4/2005	208927-002
SIDEWALL	SW-L4-032105	sidewall	3/21/2005	209078-003
	SW-J13-042105	sidewall	4/21/2005	SA26926-06
	DUP-7-042105	sidewall	4/21/2005	SA26926-05
	SW-K2-042105	sidewall	4/21/2005	SA26926-09
	DUP-3-042105	sidewall	4/21/2005	SA26926-01
	SW-L1-042105	sidewall	4/21/2005	SA26926-10
	DUP-4-042105	sidewall	4/21/2005	SA26926-02
	SW-L13-042205	sidewall	4/22/2005	SA26926-16
	SW-L2-042105	sidewall	4/21/2005	SA26926-11

NOTES:

- 1) These samples were analyzed for the TAGM 4046 compounds and/or STARS compounds.
- 2) See Tables 5, 4A and 4B for tabulated detected compounds.
- 3) See Appendix E, CD1 for full validated sample results.
- 4) Refer to CD3 according to SDG number for the original lab reports.

**TABLE 4D
SAMPLE INVENTORY
FOR
BUILDING 4 AREA
POST-EXCAVATION ENDPOINT SAMPLES (BOTTOM AND SIDEWALL)**

LOCATION	SAMPLE ID	TYPE OF SAMPLE	SAMPLE DATE	SDG NUMBER-LAB SAMPLE ID
AOC - SPECIFIC SAMPLES				
AOC B35	BLDG4-F(7)-033105	end point (in-situ/Geoprobe)	3/31/2005	209172-018
AREA-WIDE SAMPLES				
END POINT	BLDG4-A(5)-033105	end point (in-situ/Geoprobe)	3/31/2005	209184-011
	BLDG4-B(4)-033005	end point (in-situ/Geoprobe)	3/31/2005	209172-002
	BLDG4-C(5)-033105	end point (in-situ/Geoprobe)	3/31/2005	209184-001
	BLDG4-D(7)-033005	end point (in-situ/Geoprobe)	3/30/2005	209172-007
	BLDG4-E(6)-033005	end point (in-situ/Geoprobe)	3/30/2005	209172-010
	BLDG4-G(8)-033005	end point (in-situ/Geoprobe)	3/30/2005	209172-014
	BLDG4-H(4)-033005	end point (in-situ/Geoprobe)	3/30/2005	209159-006
	BLDG4-I(10)-033005	end point (in-situ/Geoprobe)	3/30/2005	209159-010
	BLDG4-J(8)-033005	end point (in-situ/Geoprobe)	3/30/2005	209159-003
SIDEWALL	EP-O13-051905	end point	5/19/2005	SA28327
	SW-N4-032105	sidewall	3/21/2005	SA26926-11
	SW-N13-051905	sidewall	5/19/2005	SA28327

NOTES:

- 1) These samples were analyzed for the TAGM 4046 compounds and/or STARS compounds.
- 2) See Appendix E, CD1 for full validated sample results.
- 3) Refer to CD3 according to SDG number for the original lab reports.

TABLE 4E
SAMPLE INVENTORY
FOR
NORTH PARKING GARAGE AREA
POST-EXCAVATION ENDPOINT SAMPLES (BOTTOM AND SIDEWALL)

LOCATION	SAMPLE ID	TYPE OF SAMPLE	SAMPLE DATE	SDG NUMBER-LAB SAMPLE ID
AOC - SPECIFIC SAMPLES				
AOC 2L	2L-BOT-042105	end point	4/21/2005	SA26926-18
	2L-ESW-042205	sidewall	4/22/2005	SA26926-20
	2L-NSW-042205	sidewall	4/22/2005	SA26926-22
	2L-SSW-042205	sidewall	4/22/2005	SA26926-21
AOC 2N	2L-WSW-042205	sidewall	4/22/2005	SA26926-19
	2N-BOT-052005	endpoint	5/20/2005	SA28334
	2N-ESW-052005	sidewall	5/20/2005	SA28334
	2N-WSW-052005	sidewall	5/20/2005	SA28334
	2N-NSW-052005	sidewall	5/20/2005	SA28334
	2N-SSW-052005	sidewall	5/20/2005	SA28334
AREA-WIDE SAMPLES				
END POINT	GAR-A(4)-041905	end point	4/19/2005	1071521
	GAR-B(4)-041905	end point	4/19/2005	1071522
	GAR-D1(7)-040105	end point	4/1/2005	209185-010
	GAR-D2(7)-040105	end point	4/1/2005	209185-013
	GAR-E2(7)-040105	end point	4/1/2005	209184-016
	GAR-E3(5)-040105	end point	4/1/2005	209184-018
	GAR-F1(5)-040105	end point	4/1/2005	209185-002
	GAR-F2(5)-040105	end point	4/1/2005	209185-005
	EP-R8-051705	end point (failed TAGM)	5/17/2005	SA28091
SIDEWALL	EP-R8-051905	end point (re-collection)	5/19/2005	SA28327
	SW-P13-052305	sidewall	5/23/2005	SA28435
	SW-S10-051905	sidewall	5/19/2005	SA28327
	SW-S11-051905	sidewall	5/19/2005	SA28327
	SW-S6-042205	sidewall	4/22/2005	SA26926
	DUP-9-042205	sidewall	4/22/2005	SA26926
	SW-S8-042205	sidewall	4/22/2005	SA26926
	DUP-10-042205	sidewall	4/22/2005	SA26926
	SW-R4-042205	sidewall	4/22/2005	SA26926
	DUP-8-042205	sidewall	4/22/2005	SA26926
	SW-P4-042105	sidewall	4/21/2005	SA26926
	DUP-5-042105	sidewall	4/21/2005	SA26926

NOTES:

- 1) These samples were analyzed for the TAGM 4046 compounds and/or STARS compounds.
- 2) See Tables 5, 4A and 4B for tabulated detected compounds.
- 3) See Appendix E, CD1 for full validated sample results.
- 4) Refer to CD3 according to SDG number for the original lab reports.

TABLE 5
AOC INVENTORY AND WASTE CHARACTERIZATION FINDINGS
ATLAS PARK SITE - PARCEL A
GLENDAL, NY

AOC ID	Date Encountered	Grid	Excavation Dimensions (ft)			Field Description	Waste Characterization Findings	Disposal Facility
			L	B	Elevation			
AOC 2A	10/26/2004	F8	18	14	62	Sewage like Organic odors noted in the soil around a Cast Iron Sanitary Pipe	Elevated chrysene findings (below TAGM).	OENJ - Bayonne Facility OENJ - Bayonne Facility OENJ - Bayonne Facility
AOC 2B	10/27/2004	F9	19	14	62			
AOC 2B	10/28/2004	G6	150	182	67	Suspect Material within this layer consisted of localised pockets of grey, clayey material appearing to be pieces of rubber.	Lead (Hazardous)	Clean Earth of New Jersey
AOC 2C	10/28/2004	H8	25	18	82	Odors and PID readings in excess of 1000ppm were observed. Results indicated Xylene and Lead exceedences		OENJ - Bayonne Facility & Clean Earth of New Jersey
AOC 2D	10/28/2004	H12	25	18	64	Residual liquids with a Sewage - like odor drained from the pipe into some adjacent soil	Elevated Xylene findings. Mercury findings above recommended TAGM level.	OENJ - Bayonne Facility & Clean Earth of New Jersey
AOC UST F9	10/28/2004	F9 & F10	37	37	62	550 Gallon UST was discovered during excavation.		Bridgeport Recycling, Connecticut FDP & OENJ Facility
AOC B29	2/14/2005	H8	15	15	58	NYSDEC identified this location for elevated lead concentrations based on IJM SI findings.	N/A	Clean Earth of Philadelphia Facility
AOC B30	2/18/2005	I9	15	15	58	NYSDEC identified this location for elevated Chromium concentrations based on IJM SI findings.	Lead	FDP Intermodal Facility
AOC UST - D11	10/19/2004	E11	15	18	63	Two UST's formerly existed and rested on a concrete slab which were eventually removed and closed and report submitted to NYSDEC. This is continuation of the UST closure initiated previously.	N/A	Clean Earth of Philadelphia Facility FDP Intermodal & OENJ - Bayonne Facility
AOC DRUM AREA	11/9/2004	B11	41	21	63	Three 55 Gallon Drums containing black, viscous, tar-like material were uncovered.		Clean Earth of North Jersey
AOC 2E DIESEL AREA	12/9/2004	A9 & B9	40	25	63	Soil with noticeable odors and PID readings between 5-10 ppm were encountered.	GC/FID => Mineral Spirits SVOCs, TPH, Hydraulic Fluids	Clean Earth of Philadelphia Facility
AOC 2F - OIL CISTERN	1/3/2005	E14	27	27	48	Area of wet, stained soil displaying odors was discovered	GC/FID => Elevated SVOC findings	Bridgeport Recycling & Clean Earth of Philadelphia Facility
AOC 2G	1/19/2005	B8	10	14	68	Noticable Organic odors and PID readings in excess of 200ppm were observed.	No elevated compounds. Elevated DRO, SVOC and metal findings.	Clean Earth of Philadelphia Facility
AOC 2H/2I	1/3/2005	J7	18	18	69	Gasoline - like odors with PID readings indicated what appeared to be Category 1 Soil.		Clean Earth of Philadelphia Facility
AOC B41	2/28/2005	K12	17	24	57	NYSDEC identified this location for elevated SVOCs and Metal concentrations based on IJM SI findings.		FDP Intermodal Facility
AOC 2J PETROLEUM IMPACTED SOIL	3/2/2005	M11	30	55	64	Stained soil appearing black, petroleum-based product exhibiting odors and PID readings in excess of 3000ppm were noticed.	No elevated compounds. GC/FID => Fuel Oil Elevated SVOC findings.	Clean Earth of Philadelphia Facility
AOC 2J2 - SEWAGE IMPACTED SOIL	3/8/2005	M12	25	35	60	An active sanitary sewer line broke and started to leak in to the adjacent soil.	Elevated SVOC findings.	Clean Earth of Philadelphia Facility
AOC B55	2/28/2005	N8 & N9	9	9	65	NYSDEC had identified this location for elevated Mercury concentrations based on IJM SI findings.	Mercury	FDP Intermodal Facility
AOC 2L - CONCRETE ENCASED USTs	4/20/2005	P4	15	32	57	Two 550 gallon USTs encased in concrete block with liquid seeping from the base and strong Organic odor indicating the presence of volatile organics.	GC/FID => #2 Fuel Oil Elevated SVOC findings.	Bridgeport Recycling & Clean Earth of Philadelphia Facility
AOC 2N - TOLUENE IMPACTED SOIL	5/12/2005	P13 & Q13	18	34	64	Strong odors with PID readings in excess of 1000ppm at the surface of the soil was noticed.	Elevated VOC findings.	Clean Earth of Philadelphia Facility

TABLE 6A
AREA-WIDE POST-EXCAVATION
(BOTTOM) SAMPLE RESULTS BY AREA
ATLAS PARK IRM
SUMMARY OF VOC AND SVOC DETECTIONS (PARCEL A)

Site Area		BUILDING 4 AREA							
Location ID	NYSDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVE	EP	EP	EP	EP	EP	EP	EP	EP
Sample ID		BLDG4-A(5)-033105	BLDG4-C(5)-033105	BLDG4-D(7)-033005	BLDG4-E(6)-033005	BLDG4-F(7)-033105	BLDG4-G(8)-033005		
Sample Date		3/31/2005	3/31/2005	3/30/2005	3/30/2005	3/31/2005	3/30/2005	3/30/2005	
VOCs									
	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
ACETONE	200	< 1.8	U	< 1.8	U	< 1.8	U	< 1.8	U
DICHLOROMETHANE	100	< 3.8	UV	< 3.8	UV	< 3.7	UV	< 3.7	UV
TOTAL VOCs	10000	-	-	-	-	-	-	-	8.1
SVOCs									
	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
BIS(2-ETHYLHEXYL)PHTHALATE	50000	< 47	U	< 47	U	< 45	U	< 46	U
TOTAL SVOC	500000	-	-	-	-	-	-	-	240
Moisture									
	%	%	%	%	%	%	%	%	%
Moisture		8	8	5.8	10.9	6.4	3.7	3.7	3.7
Total Solids		92	92	94.2	89.1	93.6	96.3	96.3	96.3

NOTES:

1) NYSDC RSCOs obtained from TAGM 4046.

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.

B = Compound was detected in the blank and sample.

V = Result is changed because of Data Validation.

TABLE 6A
AREA-WIDE POST-EXCAVATION
(BOTTOM) SAMPLE RESULTS BY AREA
ATLAS PARK IRM
SUMMARY OF VOC AND SVOC DETECTIONS (PARCEL A)

Site Area				BUILDING 4 AREA				
Location ID	NYSDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVE	EP	EP	EP	EP	EP	EP	
Sample ID		BLDG4-H(4)-033005	BLDG4-I(10)-033005	BLDG4-B(4)-033005	EP-O13-051905			
Sample Date		3/30/2005	3/30/2005	4/4/2005				
VOCs								
	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	
ACETONE	200	< 1.8	UV	< 2	UV	< 2.1	UV	
DICHLOROMETHANE	100	< 3.8	UV	< 4.2	UV	< 4.3	UV	
TOTAL VOCs	10000	-	-	-	-	4.3	49.9	
SVOCs								
	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	
BIS(2-ETHYLHEXYL)PHTHALATE	50000	73	J	< 52	U	< 52	U	
TOTAL SVOC	500000	73	-	-	-	-	-	
Moisture								
	%	%	%	%	%	%	%	
Total Solids		6.8		16.3		18.8		
		93.2		83.7		81.2	93.8	

NOTES:

1) NYDEC RSCOs obtained from TAGM 4046.

2) NYDEC RSCOs 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) data.

B = Compound was detected in the blank and sample.

V = Result is changed because of Data Validation.

TABLE 6A
AREA-WIDE POST-EXCAVATION
(BOTTOM) SAMPLE RESULTS BY AREA
SUMMARY OF METAL, PCB, PESTICIDE AND HERBICIDE DETECTIONS
ATLAS PARK IRM (PARCEL A)

Site Area	NYSDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVE	BUILDING 4 AREA					
		EP BLDG4-A(5)-033105 3/31/2005	EP BLDG4-C(5)-033105 3/31/2005	EP BLDG4-D(7)-033005 3/30/2005	EP BLDG4-E(6)-033005 3/30/2005	EP BLDG4-F(7)-033105 3/31/2005	EP BLDG4-G(8)-033005 3/30/2005
METALS	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
ALUMINUM	33000	<	<	<	<	<	<
ARSENIC	12	1.5	1.2	UN	1.5	1.5	1.3
BARIUM	600	46	50.9	31	37.9	23.3	32.5
CALCIUM	36000	1050	607	897	934	610	2340
CHROMIUM	40	16.9	23.8	14.3	13.4	13.3	21.7
COBALT	60	7.1	5.9	4.7	5	4.3	5.6
COPPER	50	19.3	13.4	13.6	23.3	12.1	28.9
IRON	550000	13300	13000	10000	11200	11200	11200
LEAD	500	5.5	3.8	BJV	3	3.5	3
MAGNESIUM	5000	2140	2650	2350	2210	2080	3220
MANGANESE	5000	429	345	309	554	162	261
NICKEL	25	14.6	17.4	10.7	13.9	12.2	13.3
POTASSIUM	43000	739	862	965	842	522	802
SODIUM	8000	169	79.8	90.2	105	57.8	374
THALLIUM	<	1.6	1.3	UN	1.3	1.6	<
VANADIUM	300	20.1	19.4	15.9	21.2	13.6	20.8
ZINC	50	31.4	21	21.3	23.9	18.7	20.9
MERCURY	0.2	<	0.011	U	0.012	U	0.0099
PCBS, PESTICIDES, AND HERBICIDES	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
4,4'-DDE	2100	<	0.47	U	<	<	<
TOTAL PCBs	10000						68
CYANIDE		ND	ND	ND	ND	ND	ND

NOTES:
 1) NYSDC RSCOs obtained from TAGM 4046.
 2) NYSDC RSCOs obtained from TAGM 4046.
QUALIFIERS
 V = Result was changed because of Data Validation.
 U = Analyte was not detected at or above the reporting limit.
INORGANICS (METALS AND CYANIDE):
 B = Result is less than the CRDLRL, 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.
ORGANICS:
 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 6A
AREA-WIDE POST-EXCAVATION
(BOTTOM) SAMPLE RESULTS BY AREA
SUMMARY OF METAL, PCB, PESTICIDE AND HERBICIDE DETECTIONS
ATLAS PARK IRM (PARCEL A)

Site Area		NYSDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVE	BUILDING 4 AREA			
Site Name	EP		EP	EP	EP	
Sample ID	BLDG4-H(4)-033005 3/30/2005		BLDG4-I(10)-033005 3/30/2005	BLDG4-B(4)-033005 4/4/2005	EP-013-051905	
Sample Date						
METALS						
ALUMINUM	mg/Kg	33000	mg/Kg	mg/Kg	mg/Kg	
ARSENIC	12	33000	6020	15300	9610	
BARIUM	600	33000	1.5	5.1	2.8	
CALCIUM	35000	33000	18.5	66.4	91.5	
CHROMIUM	40	33000	426	1090	1300	
COBALT	60	33000	15.3	25.9	27.7	
COPPER	50	33000	4.6	12	14	
IRON	550000	33000	12.8	23.1	21.9	
LEAD	500	33000	10700	27400	24700	
MAGNESIUM	5000	33000	4.4	10.2	10	
MANGANESE	5000	33000	2160	4520	4680	
NICKEL	25	33000	206	739	587	
POTASSIUM	43000	33000	10.4	19	26	
SODIUM	8000	33000	477	1250	1990	
THALLIUM		33000	98.4	194	83.2	
VANADIUM	300	33000	1.3	1.5	1.7	
ZINC	50	33000	18.8	42.3	37.6	
MERCURY	0.2	33000	14.4	45.9	54.6	
		33000	0.014	0.019	0.011	
PCBs, PESTICIDES, AND HERBICIDES						
4,4'-DDE	ug/Kg	2100	ug/Kg	ug/Kg	ug/Kg	
		2100	0.46	0.52	0.53	
TOTAL PCBs						
		10000	-	-	-	
CYANIDE						
			ND	ND	ND	

NOTES:
1) NYSDC RSCOs obtained from TAGM 4046.
2) **SPRINKLER SYSTEMS ARE NOT TO BE USED IN BUILDING 4**

QUALIFIERS:
V = Result was changed because of Data Validation.
U = Analyte was not detected at or above the reporting limit.
INORGANICS (METALS AND CYANIDE):
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.
ORGANICS:
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 6A
AREA-WIDE POST-EXCAVATION
(BOTTOM) SAMPLE RESULTS BY AREA
SUMMARY OF VOC AND SVOC DETECTIONS
ATLAS PARK IIRM (PARCEL A)

Site Area	NYSDEC TAGM		BUILDING 6 AREA									
	RECOMMENDED SOIL CLEANUP OBJECTIVE	EP	EP	EP	EP	EP	EP	EP	EP	EP	EP	EP
Location ID	EP-E7-110404	EP-F11-11-30-04	EP-G6-031405	EP-G6-010805	EP-H4-122804A	EP-H5-031405	EP-H5-111504	EP-H5-122904	EP-I6-122904-DUP			
Sample ID	11/4/2004	11/30/2004	3/14/2005	1/6/2005	12/28/2004	3/14/2005	11/15/2004	12/29/2004	12/29/2004			
Sample Date	11/4/2004	11/30/2004	3/14/2005	1/6/2005	12/28/2004	3/14/2005	11/15/2004	12/29/2004	12/29/2004			
VOCs	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg			
ACETONE	< 200	< 1.7 U	< 1.8 UV	< 50 U	< 50 U	< 1.8 BU	< 1.8 BU	< 4.6 J	< 3.7 J			
DICHLOROMETHANE	< 100	< 2.4 BU	< 5.5 U	< 5 U	< 5 U	< 2.5 UV	< 2.5 UV	< 3.7 U	< 3.7 U			
TETRACHLOROETHENE	< 1400	< 0.61 U	< 0.65 U	< 5 U	< 5 U	< 0.76 J	< 0.76 J	< 2 U	< 2 U			
TOTAL VOCs	< 10000	< 5.6	< 5.6	< 5 U	< 5 U	< 0.76 J	< 0.76 J	< 4.6 J	< 3.7 J			
SVOCs	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg			
BENZO(A)ANTHRACENE	< 224	< 46 U	< 48 U	< 40 U	< 120 J	< 48 U	< 69 J	< 48 U	< 47 U			
BENZO(A)PYRENE	< 81	< 42 U	< 44 U	< 40 U	< 73 J	< 44 U	< 55 J	< 43 U	< 43 U			
BENZO(G,H)PERYLENE	< 50000	< 38 U	< 40 U	< 40 U	< 40 U	< 39 U	< 40 U	< 39 U	< 39 U			
BENZO(K)FLUORANTHENE	< 220	< 35 U	< 40 UV	< 40 U	< 110 J	< 39 U	< 66 J	< 39 U	< 39 U			
BIS(2-ETHYLHEXYL)PHTHALATE	< 50000	< 45 U	< 47 U	< 500 U	< 40 U	< 47 U	< 51 J	< 47 U	< 46 U			
CHRYSENE	< 400	< 43 U	< 45 U	< 40 U	< 40 U	< 45 U	< 72 J	< 45 U	< 44 U			
FLUORANTHENE	< 50000	< 43 U	< 45 U	< 40 U	< 220 J	< 45 U	< 180 J	< 45 U	< 44 U			
INDEN(1,2,3-CD)PYRENE	< 3200	< 35 U	< 37 U	< 40 U	< 65 J	< 36 U	< 40 J	< 36 U	< 35 U			
PHENANTHRENE	< 50000	< 47 U	< 42 UV	< 40 U	< 97 J	< 42 U	< 41 J	< 41 U	< 41 U			
PYRENE	< 50000	< 40 U	< 49 U	< 40 U	< 220 J	< 49 U	< 120 J	< 49 U	< 48 U			
TOTAL SVOCs	< 500000	< 1700	< 1700	< 1700	< 1700	< 1700	< 1700	< 1700	< 1700			
Moisture	%	%	%	%	%	%	%	%	%			
Total Solids	1.6	7.7	92.3	6.3	5.2	6.3	93.7	6.5	93.5			

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.

8 = Compound was detected in the blank and sample.

W = Result is changed.

R = Result is rejected because of Data Validation.

TABLE 1

NOTES:

1) NYSDEC RSCOs obtained from TAGM 4046.

22. NTPC's expenditures are significantly below

3) All DUP- samples are duplicate of the sample immediately preceding them in the table

4) All sample locations that exceeded TAGM, were re-

excavated

and samples were re-collected until a 'clean' sample result was

TABLE 6A
AREA-WIDE POST-EXCAVATION
(BOTTOM) SAMPLE RESULTS BY AREA
SUMMARY OF METAL, PCB, PESTICIDE AND HERBICIDE DETECTIONS
ATLAS PARK IRM (PARCEL A)

Site Area	Site Name	Sample ID	Sample Date	BUILDING 6 AREA									
				NYDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVE	EP-11-11-30-04 11/30/2004	EP-06-031405 3/14/2005	EP-06-010605 1/6/2005	EP-HA-122804A 12/28/2004	EP-HS-031405 3/14/2005	EP-HS-111604 11/16/2004	EP-16-122804 12/28/2004	EP-16-122804-DUP 12/29/2004	
METALS		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg		
ALUMINUM	33000	3820	5810	5513	2820	5610	6709	2510	2890	3390			
ARSENIC	12	1.5	1.4	1.85	1.6	3.7	1.85	1.4	1.4	1.4	UNJ		
BARIUM	800	28.9	31.2	33.2	25	25.7	30.4	37.5	20.9	20.9	NJ		
CALCIUM	35000	1140	832	887	854	652	1373	1110	868	893			
CHROMIUM	40	8.9	9.6	9.21	6.4	13	12.4	7.9	11.1	9.7	V		
COBALT	60	3.8	4.3	4.99	3.1	4.7	5.66	3.1	3	3.6	V		
COPPER	50	16.4	11.8	14.6	10	24	14.3	18.4	12	11.5	NJ		
IRON	550000	17500	8150	11580	5930	18400	13784	8310	10200	9380			
LEAD	500	2	4.5	6.9	B	5.1	8.51	21.9	5.1	4.5	B		
MAGNESIUM	5000	1520	2320	1725	1350	1840	2596	1320	1400	1710			
MANGANESE	5000	281	306	286	200	286	323	213	233	217			
NICKEL	25	8.4	10.2	7.94	5.7	12.2	11.4	6.8	8.3	9.8	NJ		
POTASSIUM	43000	253	509	720	377	420	769	307	270	273			
SODIUM	8000	60.3	87.2	128	67.1	113	233	51.5	73.3	74.1	B		
THALLIUM	300	2.1	2.3	2.6	2.8	2.7	1.65	2.3	2.1	2.3	U		
THALLIUM	300	20.2	12.8	14.6	9.6	25.9	17.8	14.4	13.9	12.8	NJ		
THALLIUM	300	20.2	12.8	14.6	9.6	25.9	17.8	14.4	13.9	12.8	NJ		
ZINC	50	22.9	20.7	17.3	26.8	22.3	32	22.2	22.2	23.1	NJ		
MERCURY	0.2	0.014	0.018	0.02	0.039	0.03	0.02	0.045	0.027	0.029	NJ		
PCBs, PESTICIDES AND HERBICIDES		ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg			
ALPHA-CHLORDANE	540	0.92	0.92	0.12	U	NA	0.12	0.57	0.12	0.12	U		
ENDRIN KETONE	540	0.14	0.15	0.15	U	NA	0.15	0.9	0.15	0.15	U		
GAMMA-CHLORDANE	540	0.09	0.08	0.09	U	NA	0.09	0.095	0.09	0.095	U		
HEPTACHLOR EPOXIDE	20	0.11	0.12	0.12	U	NA	0.12	0.33	0.12	0.12	U		
TOTAL PCBs		10000	ND	ND	ND	ND	ND	90	ND	ND	ND		
CYANIDE (TOTAL)			28	U	28.9	U	27.3	U	28.7	U	27.7		

NOTES:
1) NYDEC RSCOs obtained from TAGM 4048.
2) All "DUP" samples are duplicate of the sample immediately preceding them in the table.
3) All "DUP" samples are duplicate of the sample immediately preceding them in the table.
QUALIFIERS
V = Result was changed because of Data Validation.
U = Analyte was not detected at or above the reporting limit.
INORGANICS (METALS AND CYANIDE):
B = Result is less than the CRD/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.
ORGANICS:
J = Result is an estimated value below the reporting limit or a tentatively identifying compound (TIC).
M = Manually integrated compound.
B = Compound was detected in the blank and sample.

TABLE 6A
AREA-WIDE POST-EXCAVATION
(BOTTOM) SAMPLE RESULTS BY AREA
ATLAS PARK IRM
SUMMARY OF VOC AND SVOC DETECTIONS (PARCEL A)

[illegible]

NOTES:

QUALIFIERS

Legend:
 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.
 B = Compound was detected in the blank and sample.
 N/A = Not analyzed.
 v = Result is changed because of Data Validation.

TABLE 6A
AREA-WIDE POST-EXCAVATION
(BOTTOM) SAMPLE RESULTS BY AREA
ATLAS PARK IRM
SUMMARY OF VOC AND SVOC DETECTIONS (PARCEL A)

Site Area	NYSDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVE	NORTH PARKING GARAGE AREA					
		EP GAR-F1(5)-040105 4/4/2005	EP GAR-F2(5)-040105 4/4/2005	EP GAR-A(4)-041905 4/19/2005	EP GAR-B(4)-041905 4/19/2005	EP EP-R6-051905 5/17/2005	EP EP-R8-051705 5/17/2005
	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
VOCs							
2-BUTANONE (METHYL ETHYL KETONE)	300	< 2.6	< 2.6	< 2.6	< 2.6	< 14.7	< 5.1
4-METHYL-2-PENTANONE	1000	< 1.1	< 1.1	< 1.1	< 1.1	< 2.3	< 1.2
ACETONE	200	< 1.4	< 12	< 50	< 50	< 182	< 100
CARBON DISULFIDE	2700	< 1.9	< 1.9	< 5	< 5	< 15.3	< 1.1
DICHLOROMETHANE	100	< 6.9	< 8.4	< 5	< 5	< 3.3	< 12.4
METHYLBENZENE	1500	< 1.9	< 1.9	< 3.9	< 5	< 1.2	< 0.9
TETRACHLOROETHENE	1400	< 2.1	< 3.9	< 5	< 5	< 1.2	< 0.9
TOTAL VOCs	10000	20.9	24.3			15.3	121.9
SVOCs							
1) NYSDC RSCOs obtained from Technical							
ACENAPHTHENE	41000	< 44	< 45	< 45	< 45	< 5.94	< 99.6
ANTHRACENE	50000	< 59	< 61	< 61	< 61	< 4.76	< 31.6
BENZO(A)ANTHRACENE	224	< 49	< 50	< 50	< 50	< 5.94	< 100
BENZO(A)PYRENE	61	< 44	< 45	< 45	< 45	< 12.7	< 125
BENZO(B)FLUORANTHENE	220	< 100	< 100	< 100	< 100	< 6.72	< 323
BENZO(G,H,I)PERYLENE	50000	< 40	< 41	< 41	< 41	< 26.2	< 242
BENZO(K)FLUORANTHENE	220	< 40	< 41	< 41	< 41	< 5.63	< 254
BIS(2-ETHYLHEXYL)PHTHALATE	50000	< 100	< 110	< 110	< 110	< 7.91	< 231
CHRYSENE	400	< 45	< 48	< 48	< 48	< 37.7	< 40.7
DIBENZO(FURAN)	6200	< 57	< 58	< 58	< 58	< 2.79	< 366
FLUORANTHENE	50000	< 45	< 48	< 48	< 48	< 2.38	< 18.4
FLUORENE	50000	< 48	< 47	< 47	< 47	< 4.76	< 650
INDENO(1,2,3-CD)PYRENE	3200	< 37	< 37	< 37	< 37	< 9.1	< 35.5
PHENANTHRENE	50000	< 42	< 43	< 43	< 43	< 9.1	< 250
PYRENE	50000	< 50	< 51	< 51	< 51	< 284	< 484
TOTAL SVOC	500000	100	110			13.9	3694.1
	%	%	%	%	%	%	%
Moisture		11.5	9.8				
Total Solids		88.5	90.2			95	95

NOTES:
1) NYSDC RSCOs obtained from TAGM 404B.

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 (IIC) detected.
B = Compound was detected in the blank and sample.
NA = Not analyzed.
V = Result is changed because of Data Validation.

TABLE 6A
AREA-WIDE POST-EXCAVATION
(BOTTOM) SAMPLE RESULTS BY AREA
SUMMARY OF METAL, PCB, PESTICIDE AND HERBICIDE DETECTIONS
ATLAS PARK IRM (PARCEL A)

Site Area	NYSDEC TAGM	NORTH PARKING GARAGE AREA			
Site Name	RECOMMENDED	EP	EP	EP	EP
Sample ID	SOIL CLEANUP	GAR-D1(7)-040105	GAR-D2(7)-040105	GAR-E3(5)-040105	
Sample Date	OBJECTIVE	4/4/2005	4/4/2005	4/4/2005	
METALS	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
ALUMINUM	33000	<	1.4	UN	<
ANTIMONY		<	1.5	UN	<
ARSENIC	12	<	1.6	U	<
BARUM	600	<	34	42.2	56.8
BERYLLIUM	1.75	<	0.63	U	<
CADMIUM	1	<	1.3	U	<
CALCIUM	36000	<	779	X	<
CHROMIUM	40	<	14.3	20.4	24.3
COBALT	60	<	6.2	7.3	32
COPPER	50	<	14.4	25.4	9.3
IRON	550000	<	12200	12700	20.8
LEAD	500	<	4.9	3.4	24800
MAGNESIUM	5000	<	2470	3810	11.7
MANGANESE	5000	<	409	X	4350
NICKEL	25	<	12	23.7	245
POTASSIUM	43000	<	625	828	17.8
SODIUM	8000	<	80.8	369	905
THALLIUM		<	1.7	UN	8.4
VANADIUM	300	<	15.9	19.6	255
ZINC	50	<	26	25.2	1.8
MERCURY	0.2	<	0.012	U	41.5
				U	46.1
				U	0.016
				U	B
PESTICIDES AND HERBICIDES	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
4,4'-DDD	2900	<	0.41	U	<
4,4'-DDE	2100	<	0.47	U	<
4,4'-DDT	2100	<	0.34	U	<
PCBs					
TOTAL PCBs	10000	ND	ND	ND	ND
CYANIDE (TOTAL)		<	29.4	U	<
			27.4	U	<
			28.7	U	<
					31.5
					U

NOTES:

1) NYSDEC RSCOs obtained from TAGM 4046.

QUALIFIERS

V = Result was changed because of Data Validation.

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

INORGANICS (METALS AND CYANIDE):

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.

ORGANICS:

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 6A
AREA-WIDE POST-EXCAVATION
(BOTTOM) SAMPLE RESULTS BY AREA
SUMMARY OF METAL, PCB, PESTICIDE AND HERBICIDE DETECTIONS
ATLAS PARK IRM (PARCEL A)

Site Area	NYSDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVE	NORTH PARKING GARAGE AREA					
		EP GAR-F(15)-040105 4/4/2005	EP GAR-F2(15)-040105 4/4/2005	EP GAR-A(4)-041905 4/19/2005	EP GAR-B(4)-041905 4/19/2005	EP EP-R8-051905 6/19/2005	EP EP-R8-051705 5/17/2005
METALS	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
ALUMINUM	33000	8110	9310	6469	13228	10100	14100
ANTIMONY		1.3	1.3	1.65	U	9.56	J
ARSENIC	12	1.8	BN	1.9	3.11	0.782	U
BARUM	600	49	141	29.7	23.3	58.3	84.3
BERYLLIUM	1.75	0.57	U	0.55	U	0.45	U
CADMIUM	1	1.1	U	1.65	U	0.0489	U
CALCIUM	35000	905	8070	29.7	710	987	6380
CHROMIUM	40	19.2	18	13.4	13.4	15.7	21.8
COBALT	80	7.6	7	13.2	12	5.79	7.23
COPPER	50	18.5	20.2	1	14.9	14.9	7.23
IRON	550000	18400	17800	1	17565	14500	17800
LEAD	500	7.5	23.6	3.28	8.74	3.14	108
MAGNESIUM	5000	2940	3470	2590	2719	3020	3040
MANGANESE	5000	435	407	301	1019	330	382
NICKEL	25	15	14.2	8.15	11.7	11.7	14.3
POTASSIUM	43000	768	2210	866	911	1950	1760
SODIUM	8000	128	212	79.3	89.7	167	505
THALLIUM		1.5	U	1.65	U	0.489	U
VANADIUM	300	26	24.1	14.4	21.2	21.4	30
ZINC	50	32.9	37.8	20	31.7	25	86.7
MERCURY	0.2	0.013	0.045	0.02	0.02	0.0759	U
PESTICIDES AND HERBICIDES	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
4,4'-DDD	2500	0.42	U	0.42	U	0.368	U
4,4'-DDE	2100	0.48	U	0.48	U	0.368	U
4,4'-DDT	2100	0.34	U	1.8	U	0.328	U
PCBs							
TOTAL PCBs	10000	ND	ND	ND	ND	ND	ND
CYANIDE (TOTAL)		30.4	U	46.9	B	0.41	U

NOTES:
1) NYSDEC RSCOs obtained from TAGM 4048.
2) NYSDEC RSCOs for Inorganic Solids.
V = Result was changed because of Data Validation.
U = Analyte was not detected at or above the reporting limit.
INORGANICS (METALS AND CYANIDE):
B = Result is less than the CRCL/RL, but greater than or equal to the IDL/MDL
X = LCS, LCD, MD: Batch OC exceeds the upper or lower control limits.
N = MS, MSD: Spike recovery exceeds the upper or lower control limits.
ORGANICS:
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 6A
AREA-WIDE POST-EXCAVATION
(BOTTOM) SAMPLE RESULTS BY AREA
SUMMARY OF METAL, PCB, PESTICIDE AND HERBICIDE DETECTIONS
ATLAS PARK IRM (PARCEL A)

Site Area	NYSDEC TAGM
Site Name	RECOMMENDED
Sample ID	SOIL CLEANUP
Sample Date	OBJECTIVE
METALS	mg/Kg
ALUMINUM	33000
ANTIMONY	
ARSENIC	12
BARIUM	800
BERYLLIUM	1.75
CADMIUM	1
CALCIUM	35000
CHROMIUM	40
COBALT	60
COPPER	50
IRON	550000
LEAD	500
MAGNESIUM	5000
MANGANESE	5000
NICKEL	25
POTASSIUM	43000
SODIUM	8000
THALLIUM	
VANADIUM	300
ZINC	50
MERCURY	0.2
PESTICIDES AND HERBICIDES	ug/Kg
4,4'-DDE	2900
4,4'-DDE	2100
4,4'-DDT	2100
PCBs	
TOTAL PCBs	10000
CYANIDE (TOTAL)	

NOTES:

1) NYSDC RSCOs obtained from TAGM 4048.

NYSDC RSCOs obtained from TAGM 4048.

TABLE 6A
AREA-WIDE POST-EXCAVATION
(BOTTOM) SAMPLE RESULTS BY AREA
ATLAS PARK-IRM
SUMMARY OF VOC AND SVOC DETECTIONS (PARCEL A)

Site Area		NYSDEC TAGM RECOMMENDED	PLAZA / PARK AREA									
Location ID			EP	EP	EP	EP	EP	EP	EP	EP	EP	
Sample ID		SOIL CLEANUP	EP-17-011305 1/13/2005	EP-J9-12-13-04 12/13/2004	EP-K2-030705 3/2/2005	EP-K5-011305 1/13/2005	EP-L6-012505 1/25/2005	EP-L8-030405 3/4/2005	EP-L10-022405 2/24/2005	EP-M4-030405 3/4/2005		
Sample Date		OBJECTIVE										
VOCs												
		ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	
ACETONE	200	<	1.9 U	<	2 UV	7.1 JB	3.2 J	13 JV	<	1.9 UV	24	
DICHLOROMETHANE	100	<	4 U	9.5 JV	6.8 JB	<	3.9 U	4.8 UV	<	3.8 UV	<	
TETRACHLOROETHENE	1400	<	2.2 U	1.2 J	<	2.1 U	4.1 J	18	<	2.1 U	<	
TOTAL VOCs	10000		-	10.7	13.9	7.3	31	95	2.9	24		
SVOCs												
		ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	
BENZO(a,h,i)PERYLENE	50000	<	41 U	<	44 UVV	40 U	<	37 U	<	40 U	<	
BIS(2-ETHYLHEXYL)PHTHALATE	50000	<	49 U	160 J	<	47 U	<	44 U	<	48 U	<	
PYRENE	50000		55 J	<	55 U	<	50 U	<	46 U	<	50 U	
TOTAL SVOC	500000		55	160	-	-	-	-	-	-		
QUALIFIERS												
		%	%	%	%	%	%	%	%	%	%	
Moisture		12.1		16.5	9.2	10.4	3	9.2	8.3	7.8		
Total Solids		87.9		83.5	90.8	89.6	97	90.8	91.7	92.2		

NOTES:
 1) NYDEC RSCOs obtained from TAGM.
 2) NYDEC RSCOs 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) detected.
 B = Compound was detected in the blank and sample.
 V = Result is changed because of Data Validation.
 R = Result is rejected because of Data Validation.

TABLE 6A
AREA-WIDE POST-EXCAVATION
(BOTTOM) SAMPLE RESULTS BY AREA
SUMMARY OF METAL, PCB, PESTICIDE AND HERBICIDE DETECTIONS
ATLAS PARK IRM (PARCEL A)

Site Area	NYSDEC TAGM	PLAZA / PARK AREA									
Site Name	RECOMMENDED	EP	EP	EP	EP	EP	EP	EP	EP	EP	EP
Sample ID	SOIL CLEANUP	EP-17-011305	EP-JP-12-13-04	EP-K2-030705	EP-K5-011305	EP-L6-012505	EP-L8-030405	EP-L10-022405	EP-M4-030405		
Sample Date	OBJECTIVE	1/13/2005	12/13/2004	3/2/2005	1/13/2005	1/26/2005	3/4/2005	2/24/2005	3/4/2005		
METALS	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
ALUMINUM	33000	8930	13300	6930	8490	6940	6510	11900	8930	X	X
ARSENIC	12	2.2	3.5	1.2	1.6	2.5	1.4	2.5	1.8	BXN	BXN
BARIUM	800	52.1	42.2	40.1	36.8	27.3	33.1	63	39.1	XN	XN
CALCIUM	35000	1260	871	1240	1050	484	367	508	582	XNUJ	XNUJ
CHROMIUM	40	22.3	30.1	15.7	15	11.3	11.8	23.4	17.7	XNUJ	XNUJ
COBALT	60	7.4	9.2	8.4	5.2	4.6	8.2	7.1	6.7	N	N
COPPER	50	22.5	13.9	33	18.3	14.1	14.3	11.4	12.1	XNUJ	XNUJ
IRON	550000	16900	17300	12500	11700	13500	8720	14800	12400	X	X
LEAD	500	8.5	8.1	4.1	6.3	5.9	4	9.3	6.9	BX	BX
MAGNESIUM	5000	7000	3490	2860	3930	3000	2500	2220	2450	XNUJ	XNUJ
MANGANESE	5000	428	304	294	329	308	434	463	222	X	X
NICKEL	25	18.3	18	11.8	9.9	13.1	14.2	13.9	14.4	XN	XN
POTASSIUM	43000	990	1190	1330	650	451	695	279	388	XN	XN
SODIUM	8000	68.6	346	67.9	125	47.7	74.9	75	81.9	BXN	BXN
THALLIUM	300	2.8	2.6	2	2.7	2.1	2.3	2.1	2	UNJ	UNJ
VANADIUM	50	26.5	37.1	17.8	18.6	11.7	14.5	26.8	20.8	XN	XN
ZINC	50	40.7	48.7	24.2	27.9	32.7	19	39.7	26	XN	XN
MERCURY	0.2	0.027	0.014	0.014	0.016	0.012	0.014	0.048	0.024	BX	BX
PCBs, PESTICIDES, AND HERBICIDES	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
4,4'-DDE	2100	0.73	0.61	-	0.48	0.44	0.47	0.47	0.47	U	U
ALPHA-CHLORDANE	540	0.12	0.13	0.12	0.12	0.11	1.5	0.12	0.12	U	U
DELTA-BHC	300	0.23	0.12	0.11	0.11	0.1	0.11	0.11	0.11	U	U
ENDOSULFAN SULFATE	1000	0.19	0.2	0.19	0.19	0.17	0.19	1.4	0.19	U	U
ENDRIN KETONE	-	0.16	0.17	0.16	0.16	0.15	0.28	0.15	0.19	U	U
AROCLOR - 1260 (PCB-1260)	-	4.4	4.7	4.3	4.4	4	280	4.3	4.6	JM	JM
TOTAL PCBs	10000	-	-	-	-	-	280	-	4.6	-	-
CYANIDE	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:
 1) NYSDEC RSCOs obtained from TAGM 4048.
 V = Result was changed because of Data Validation.
 U = Analyte was not detected at or above the reporting limit.
INORGANICS (METALS AND CYANIDE):
 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 = IWS, MSD: Spika recovery exceeds the upper or lower control limits.
ORGANICS:
 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 6A
AREA-WIDE POST-EXCAVATION
(BOTTOM) SAMPLE RESULTS BY AREA
ATLAS PARK IRM
SUMMARY OF VOC AND SVOC DETECTIONS (PARCEL A)

Site Area	NYDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVE	SOUTH PARKING GARAGE AREA					
Location ID		EP	EP	EP	EP	EP	EP
Sample ID		EP-C8-010505 1/5/2005	EP-C10-122304 12/23/2004	EP-C11-122304 12/23/2004	EP-C13-10405 1/4/2005	EP-D14-10405 1/4/2005	
Sample Date							
VOCs							
	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
ACETONE	200	20 JV	3.1 JNV	< 2 UJV	< 1.9 U	< 2 U	
DICHLOROMETHANE	100	6 J	< 4.2 U	< 4 U	< 3.9 U	< 4.1 U	
TOTAL VOCs	10000	26	3.1	-	-	-	
SVOCs							
	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
BENZO(A)ANTHRACENE	224	< 47 U	< 54 U	< 51 U	< 57 J	< 51 U	
BENZO(A)PYRENE	61	< 43 U	< 49 U	< 47 U	< 52 J	< 47 U	
BENZO(K)FLUORANTHENE	220	< 39 U	< 44 U	< 42 U	< 48 J	< 42 U	
BIS(2-ETHYLHEXYL)PHTHALATE	50000	< 46 U	< 53 U	< 50 U	< 55 J	< 50 U	
CHRYSENE	400	< 44 U	< 50 U	< 48 U	< 59 J	< 48 U	
FLUORANTHENE	50000	< 44 U	< 50 U	< 48 U	< 110 J	< 48 U	
PHENANTHRENE	50000	< 41 U	< 47 U	< 45 U	< 69 J	< 45 U	
PYRENE	50000	< 48 U	< 55 U	< 52 U	< 110 J	< 53 U	
TOTAL SVOC	500000	-	-	-	560	-	
Moisture		%	%	%	%	%	%
Total Solids		6.4	16.9	13.5	9.6	13.7	
		93.6	83.1	86.5	90.4	86.3	

NOTES:

1) NYSDC RSCOs obtained from TAGM 4046.

2) NYSDC Objectives 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) detected.

B = Compound was detected in the blank and sample.

NA = Not analyzed.

V = Result is changed because of Data Validation.

R = Result is rejected because of Data Validation.

TABLE 6A
AREA-WIDE POST-EXCAVATION
(BOTTOM) SAMPLE RESULTS BY AREA
SUMMARY OF METAL, PCB, PESTICIDE AND HERBICIDE DETECTIONS
ATLAS PARK IRM (PARCEL A)

Site Area	NYSDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVE	EP 1/5/2005	EP 12/23/2004	EP 12/23/2004	EP 12/23/2004	EP 1/4/2005	EP 1/4/2005
METALS	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
ALUMINUM	33000	9320	16800	16800	16800	11900	6350
ARSENIC	12	4	B	B	4.1	B	2.3
BARIUM	600	38.9	X	45.9	45.7	45.3	32.1
CALCIUM	35000	1400	XJV	766	839	4420	838
CHROMIUM	40	17	X	25.4	23.3	X	13.4
COBALT	60	8.8	XJV	9	9.2	V	4.9
COPPER	50	23.4	X	9.5	18.7	V	15.7
IRON	550000	24000	24300	24100	12300	V	9480
LEAD	500	10.6	B	9	8.4	BX	3.7
MAGNESIUM	5000	4740	XJV	2920	2610	V	3020
MANGANESE	5000	418	X	250	383	V	253
NICKEL	25	22	14.1	NJV	17.8	NJV	12.9
POTASSIUM	43000	618	NJV	486	684	NJV	962
SODIUM	8000	104	BNJV	75.6	77.1	BXNJV	60.7
VANADIUM	300	14.5	35.1	31	19.7	V	14.8
ZINC	50	57.4	X	36.2	29.7	X	19.5
MERCURY	0.2	< 0.014	U	0.02	0.018	BJV	< 0.014
PCBS, PESTICIDES, AND HERBICIDES	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
4,4'-DDT	2100	< 0.32	U	< 0.37	U	< 0.35	U
ALPHA-BHC	110	< 0.29	U	< 0.33	U	< 0.3	U
ENDOSULFAN SULFATE	1000	< 0.18	U	< 0.21	U	< 0.2	U
ENDRIN KETONE	-	< 0.15	U	< 0.17	U	< 0.16	U
AROCLOR - 1254 (PCB-1254)	-	< 1.3	U	< 1.5	U	< 1.4	U
TOTAL PCBS	10000	-	-	-	-	4.5	4.5
CYANIDE (TOTAL)	-	< 27.4	U	< 30.8	U	< 31.1	U
						< 28.6	< 31.2

NOTES:
1) NYSDEC RSCOs obtained from TAGM 4046.
INORGANICS (METALS AND CYANIDE):
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.
ORGANICS (PCBS, Pesticides, and Herbicides)
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 6B
TRACK1 SIDEWALL SAMPLE RESULTS
ATLAS PARK IRM
SUMMARY OF VOC AND SVOC DETECTIONS (PARCEL A)

SITE AREA		NYSDEC TAGM		BUILDING 4 AREA			
Location ID		RECOMMENDED		SW		SW	
Sample ID		SOIL CLEANUP		SW-N4-032105		SW-N13-051905	
Sample Date		OBJECTIVE		3/21/2005		5/19/2005	
		ug/Kg		ug/Kg		ug/Kg	
VOCs							
2-BUTANONE (METHYL ETHYL KETONE)		300	<	2.5	U	4.9	J
ACETONE		200	<	1.8	UB	80.2	J
DICHLOROMETHANE		100	<	3.8	UV	5.6	UJV
TOTAL VOCs		10000		-			
SVOCs							
FLUORANTHENE		50000		58	J	<	4.85 U
PHENANTHRENE		50000		64	J	<	9.28 U
TOTAL SVOCs		500000		122			-
CYANIDE			<	0.029	U	<	0.411 U
		%		%		%	
Moisture				7.9			-
Total Solids				92.1			95

NOTES:

1) NYSDEC RSCOs obtained from TAGM 4046.

2) NYSDEC exceedances are highlighted in **BOLD**.

QUALIFIERS

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

ND = Not Detected

TABLE 6B
AREA-WIDE POST-EXCAVATION (SIDEWALL) SAMPLE RESULTS BY AREA
SUMMARY OF METAL, PCB, PESTICIDE AND HERBICIDE DETECTIONS
ATLAS PARK IRM (PARCEL A)

Site Area Location ID Sample ID Sample Date	NYSDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVE	BUILDING 4 AREA	
		SW	SW
		SW-N4-032105 3/21/2005	SW-N13-051905 5/19/2005
METALS	mg/Kg	mg/Kg	mg/Kg
ALUMINUM	33000	5560	9430
BARIUM	600	35.7	28.8
CALCIUM	35000	4300 X	1090
CHROMIUM	40	15.3	16.4
COBALT	60	5.5	5.01
COPPER	50	17	12.9
IRON	550000	11100	12300
LEAD	500	10 B	4.61
MAGNESIUM	5000	4250 X	2230
MANGANESE	5000	314	230
NICKEL	25	11.2	12.5
POTASSIUM	43000	822	838
SODIUM	8000	71.2 B	159 J
VANADIUM	300	17.5	20.1
ZINC	50	35.7 NJV	21.2
PESTICIDES, PCB, HERBICIDES		ND	ND

NOTES:

1) NYSDEC RSCOs obtained from TAGM 4046.

2) NYSDEC exceedances are highlighted in **BOLD**.

QUALIFIERS

ND = Not Detected

INORGANICS (METALS):

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

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

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

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

V = Result changed because of Data Validation.

TABLE 6B
AREA-WIDE POST-EXCAVATION (SIDEWALL) SAMPLE RESULTS BY AREA
ATLAS PARK IRM
SUMMARY OF VOC AND SVOC DETECTIONS (PARCEL A)

SITE AREA Location ID Sample ID Sample Date	NYSDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVE	BUILDING 6 AREA													
		SW	SW	SW	SW	SW	SW	SW	SW						
		SW-2-111604 11/16/2004	SW-3-121704 12/17/2004	EP(SW)-G4-122904 12/29/2004	EP(SW)-J3-122904 12/29/2004	EP-SW-J3-012005 1/20/2005	SW-H13-042105 4/21/2005	DUP-6-042105 4/21/2005							
VOCs	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg							
ACETONE	200	< 1.8	UV	< 2.1	UV	< 14	JV	< 30	JV	5.5	J	< 37.9	U	< 43.4	U
BENZENE	80	< 0.54	U	< 1.7	U	< 1.8	U	< 1.9	U	< 2	J	< 0.5	U	< 0.5	U
CHLOROBENZENE	1700	1.3	J	< 1.3	U	< 1.2	U	< 1.5	U	< 1.2	U	< 0.8	U	< 0.6	U
DICHLOROMETHANE	100	< 2.6	UV	< 4.2	U	4.3	J	39	J	7.9	J	< 2.1	U	< 2.4	U
METHYLBENZENE	1500	< 0.43	U	< 2.1	U	< 1.9	U	< 2.4	U	4.2	J	< 0.7	U	< 0.8	U
TETRACHLOROETHENE	1400	< 0.65	U	< 2.3	U	< 2.1	U	< 37	U	7	J	< 0.3	U	< 0.3	U
XYLENE (TOTAL)	1200	< 1.3	U	< 5.5	U	5	U	< 6.2	U	14	J	< 1	U	< 1.1	U
TOTAL VOCs	10000	1.3		18.3		108		40.6							
SVOCs	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
ACENAPHTHENE	50000	< 56	U	< 66	U	< 80	U	< 150	U	140	J	< 4.68	U	< 4.53	U
ANTHRACENE	50000	< 56	U	< 86	U	< 80	U	< 150	U	250	J	< 5.86	U	< 5.66	U
BENZO(A)ANTHRACENE	224	< 46	U	81	J	120	J	190	J	520	J	< 12.5	U	< 12	U
BENZO(A)PYRENE	61	< 42	U	< 96	J	120	J	330	JH	460	J	< 6.62	U	< 6.39	U
BENZO(B)FLUORANTHENE	220	< 96	U	< 110	U	120	J	250	JH	420	JV	< 5.44	U	< 24.9	U
BENZO(G,H,I)PERYLENE	50000	< 38	U	65	J	76	J	390	JH	82	U	< 5.44	U	< 5.26	U
BENZO(K)FLUORANTHENE	220	< 38	U	74	J	110	J	170	JM	360	J	< 7.79	U	< 7.52	U
BENZYL BUTYL PHTHALATE	50000	< 44	U	52	U	47	U	120	U	180	J	< 22.2	U	< 21.5	U
BIS(2-ETHYLHEXYL)PHTHALATE	50000	< 45	U	53	U	48	U	120	U	140	J	< 37.1	U	< 35.9	U
CHRYSENE	400	< 43	U	99	J	130	J	310	JH	600	J	< 2.75	U	< 2.66	U
DIBENZO(A,H)ANTHRACENE	14	< 38	U	45	U	40	U	100	J	170	J	< 3.1	U	< 3	U
DIN-BUTYL PHTHALATE	8100	< 45	U	53	U	48	U	120	U	740	J	< 5.09	U	< 4.92	U
FLUORANTHENE	60000	< 43	U	150	J	220	J	280	J	1200	J	< 342	U	< 4.53	U
FLUORENE	50000	< 44	U	62	U	47	U	120	U	99	J	< 4.68	U	< 4.53	U
INDENOL(1,2,3-CD)PYRENE	3200	< 35	U	55	J	58	J	160	JM	360	J	< 8.96	U	< 8.66	U
PHENANTHRENE	50000	< 40	U	56	J	71	J	230	J	980	J	< 235	U	< 8.66	U
PHENOL	30	< 100	U	< 120	U	110	U	260	U	2300	DV	< 3.9	U	< 3.77	U
PYRENE	50000	< 47	U	140	J	220	J	360	J	1100	J	< 288	U	< 13.2	U
TOTAL SVOCs	500000	817		1255		2510		10019		1095					
CYANIDE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Moisture	%	7.5	17.6	NA	NA	NA	NA	NA	NA	NA	NA	%	NA	NA	NA
Total Solids	%	92.5	82.4	NA	NA	NA	NA	NA	NA	NA	NA	%	96.2	96.4	96.4

NOTES:

1) NYSDC BSCCs obtained from TAGM 4048.

2) All "DUP" samples are duplicate of the sample immediately preceding them in the table.

3) All "DUP" samples are duplicate of the sample immediately preceding them in the table.

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) detected.

B = Compound was detected in the blank and sample.

M = Manually integrated compound.

H = Alternate peak selection upon analytical review.

NA = Not analyzed

VOCs = The production of acetone and other ketones is commonly seen when using sodium bisulfate in the SV846 F053A extraction technique.

V = Result was changed because of Data Validation.

TABLE 6B
AREA-WIDE POST-EXCAVATION (SIDEWALL) SAMPLE RESULTS BY AREA
SUMMARY OF METAL, PCB, PESTICIDE AND HERBICIDE DETECTIONS
ATLAS PARK IRM (PARCEL A)

SITE AREA		NYSDC TAGM		BUILDING # AREA								
Location ID	Sample ID	Sample Date	RECOMMENDED SOIL CLEANUP OBJECTIVE	SW	SW	SW	SW	SW	SW	SW	SW	SW
				SW-2-111864	SW-3-121704	EP (SW)-G4-122804	EP (SW)-J3-122904	EP-SW-J3-012005	SW	SW	SW	SW
				11/15/2004	12/17/2004	12/29/2004	12/29/2004	1/20/2005	4/21/2005	4/21/2005	4/21/2005	4/21/2005
				mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
METALS												
ALUMINUM	33000	<	7560	1.1	UNJV	3	BNJV	<	5970	2.1	BNJV	1.6
ANTIMONY	12	<	2	38.5	UNJV	3.3	B	2.1	BNJV	6.8	NJV	0.457
ARSENIC	600	<	0.95	X	<	61	UNJV	43.1	NJV	280	NJV	0.714
BARIUM	35000	<	1340	NJV	<	1550	UNJV	1.1	U	6.3	NJV	39.3
CADMIUM	40	<	16.2	X	<	20	UNJV	1400	U	22300	U	0.0457
CHROMIUM	40	<	7.2	X	<	5.7	XJV	13.4	V	258	V	2550
COBALT	80	<	19.9	XJV	<	20.5	X	4.9	U	11.9	U	15
COPPER	50	<	14100	X	<	15500	X	21.2	NJV	63	NJV	5.34
IRON	550000	<	7.4	BX	<	2800	<	35.5	U	141	U	18.9
LEAD	500	<	406	134	134	10.5	UNJV	253	NJV	9690	U	13100
MAGNESIUM	5000	<	2900	992	992	680	UNJV	11.9	U	2050	U	20.4
MANGANESE	5000	<	14	150	150	170	UNJV	10.5	U	2230	U	1910
NICKEL	25	<	0.3	U	<	2	B	0.35	U	755	V	257
POTASSIUM	43000	<	22.7	X	<	24	X	98.1	B	2460	U	13.8
SILVER	8000	<	32.9	XJV	<	54	D ¹⁰	15.5	NJV	50.6	U	10.8
SODIUM	300	<	0.039	B	<	0.039	D ¹⁰	73.5	NJV	5000	U	939
ZINC	50	<	0.039	B	<	0.039	D ¹⁰	244	NJV	244	V	1.45
MERCURY	0.2	<	0.039	B	<	0.039	D ¹⁰	0.16	U	36.9	JV	7.47
		<	0.039	B	<	0.039	D ¹⁰	0.16	U	0.0526	U	18.3
		<	0.039	B	<	0.039	D ¹⁰	0.16	U	0.0526	U	37
		<	0.039	B	<	0.039	D ¹⁰	0.16	U	0.0526	U	0.0777
PESTICIDES, PCB, HERBICIDES												
1,1,1-TRICHLORO-2,2-BIS (P-METHOXY)PHENYL-ETHANE	10000	<	2.2	U	<	2.5	U	<	2.3	U	<	0.148
4,4'-DDE	2100	<	0.46	U	<	0.64	J	<	0.72	U	<	0.338
4,4'-DDT	2100	<	0.33	U	<	0.37	U	<	0.72	U	<	0.311
ALDRIN	41	<	0.37	U	<	0.43	U	<	0.39	U	<	0.309
ALPHA-CHLORDANE	540	<	0.16	J	<	0.13	U	<	0.17	JRV	<	0.122
GAMMA-CHLORDANE	540	<	0.096	U	<	0.11	U	<	0.1	U	<	0.122
BETA-BHC	200	<	0.28	U	<	0.32	U	<	0.3	U	<	0.1
DELTA-BHC	300	<	0.11	U	<	0.12	UB	<	0.25	JMRV	<	0.238
ENDOSULFAN II	900	<	0.18	U	<	0.38	JMNV	<	0.19	U	<	0.179
ENDOSULFAN SULFATE	1000	<	0.18	U	<	0.21	U	<	0.19	U	<	0.524
ENDRIN KETONE	-	<	0.15	U	<	0.17	U	<	0.19	U	<	0.378
GAMMA-BHC (LINDANE)	60	<	0.29	J	<	0.16	U	<	0.17	U	<	0.98
HEPTACHLOR EPOXIDE	20	<	0.12	U	<	0.51	JNV	<	0.13	U	<	0.164
AROCLOR - 1254 (PCB-254)	-	<	1.3	U	<	1.4	U	<	1.8	U	<	0.221
AROCLOR - 1260 (PCB-260)	-	<	5.5	J	<	4.8	U	<	6.4	JM	<	1.32
TOTAL PCBs	10000	<	5.5	J	<	6.4	U	<	6.4	JM	<	1.53
		<	5.5	J	<	6.4	U	<	6.4	JM	<	1.52
		<	5.5	J	<	6.4	U	<	6.4	JM	<	1.52
HERBICIDES												
		<	5.5	J	<	6.4	U	<	6.4	JM	<	1.52
		<	5.5	J	<	6.4	U	<	6.4	JM	<	1.52
		<	5.5	J	<	6.4	U	<	6.4	JM	<	1.52

NOTES:
 1) NYSDC RSCOs obtained from TAGM 4046
 2) All "DUP" samples are duplicate of the sample immediately preceding them in the table.
 3) All "DUP" samples are duplicate of the sample immediately preceding them in the table.
 D = Results for a diluted sample. # indicates the dilution factor.
 ND = Not Detected

QUALIFIERS
INORGANICS (METALS):
 N = MS, MSD: Spike recovery exceeds the upper or lower control limits
 B = Result is less than the CRD/RL, but greater than or equal to the method detection limit.
 J = Result is less than the RL, but greater than or equal to the method detection limit.
 X = LCS, LCD, MD, Batch QC exceeds the upper or lower control limit.
 V = Result changed because of Data Validation.
 R = Data rejected because of Data Validation.
ORGANICS (PESTICIDES, PCB, HERBICIDES):
 M = Manually integrated compound
 J = Result is an estimated value below the reporting limit or a tentatively identified compound (TIC) detected
 A = Concentration originally exceeded the instrument calibration range or below the reporting limit; sample was diluted and rerun for this compound.
 B = Compound was found in the blank and sample.
 U = Analyte was not detected at or above the reporting limit.

TABLE 6B
AREA-WIDE POST-EXCAVATION (SIDEWALL) SAMPLE RESULTS BY AREA
ATLAS PARK IRM
SUMMARY OF VOC AND SVOC DETECTIONS (PARCEL A)

Site Area	NYSDEC TAGM	NORTH PARKING GARAGE AREA									
Location ID	RECOMMENDED	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Sample ID	SOIL CLEANUP	SW-R4-042105	DUP-5-042105	SW-R4-042205	DUP-8-042205	SW-S6-042205	DUP-9-042205	SW-S8-042205			
Sample Date	OBJECTIVE	4/21/2005	4/21/2005	4/22/2005	4/22/2005	4/22/2005	4/22/2005	4/22/2005			
VOCs	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg			
ACETONE	200	< 34.5	U	< 50	U	< 232	VOC6JV	< 48.8	UJV	< 54.5	U
TETRACHLOROETHENE	1400	< 0.2	U	74	U	< 0.3	U	< 0.3	U	< 0.4	U
TOTAL VOCs	10000	-	74	74	232	212	212	212	U	< 0.4	U
SVOCs											
BENZO(A)ANTHRACENE	224	< 11.7	U	< 12.8	U	333	194	< 12	U	< 12.1	U
BENZO(A)PYRENE	61	< 6.2	U	< 6.8	U	354	< 6.53	< 6.37	U	< 6.41	U
BENZO(B)FLUORANTHENE	220	< 24.1	U	< 26.5	U	365	209	< 24.8	U	< 25	U
BENZO(G,H,I)PERYLENE	50000	< 5.1	U	< 5.6	U	298	< 5.37	< 5.25	U	< 5.27	U
CHRYSENE	400	< 2.58	U	< 2.83	U	335	200	< 2.85	U	< 2.67	U
FLUORANTHENE	50000	< 4.39	U	< 4.82	U	583	360	< 4.51	U	< 4.54	U
INDEN(1,2,3-CD)PYRENE	3200	< 8.4	U	< 9.21	U	247	< 8.84	< 8.63	U	< 8.68	U
PHENANTHRENE	50000	< 8.4	U	< 9.21	U	321	206	< 8.63	U	< 8.68	U
PYRENE	50000	< 12.8	U	< 14.1	U	644	369	< 13.2	U	< 13.3	U
TOTAL SVOCs	500000	-	-	-	-	3480	1538	-	-	-	-
Total Solids		%	%	%	%	%	%	%	%	%	%
		92	91.9	92	90.9	95.6	92.4	90.2			

NOTES:
1) NYSDC RSCOs obtained from TAGM 4046.
2) All "DUP" samples are duplicate of the sample immediately preceding them in the table.
3) All "DUP" samples are duplicate of the sample immediately preceding them in the table.
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.
VOC6 = The production of acetone and other ketones is commonly seen when using sodium bisulfate in the SW846 5053A extraction technique.
V = Result was changed because of Data Validation.

TABLE 6B
AREA-WIDE POST-EXCAVATION (SIDEWALL) SAMPLE RESULTS BY AREA
ATLAS PARK IRM
SUMMARY OF VOC AND SVOC DETECTIONS (PARCEL A)

Site Area	NYSDEC TAGM	NORTH PARKING GARAGE AREA			
		SW	SW	SW	SW
Location ID	RECOMMENDED	DUP-10-042205	SW-P13-052305	SW-S10	SW-S11
Sample ID	SOIL CLEANUP	4/22/2005	5/23/2005	5/19/2005	5/19/2005
Sample Date	OBJECTIVE				
VOCs		ug/Kg			
ACETONE	200	231	VOC6-JV	78.6	VOC6
TETRACHLOROETHENE	1400	< 0.4	U	< 0.2	U
TOTAL VOCs	10000	231	108	78.6	108
SVOCs					
BENZO(A)ANTHRACENE	224	234	< 13.1	< 12.6	< 12.7
BENZO(A)PYRENE	61	212	< 6.97	< 6.67	< 6.76
BENZO(B)FLUORANTHENE	220	248	< 27.2	< 26	< 26.3
BENZO(G,H,I)PERYLENE	50000	U	< 5.74	< 5.49	< 5.56
CHRYSENE	400	5.16	< 2.9	< 2.77	< 2.81
FLUORANTHENE	50000	573	< 4.94	< 4.72	< 4.78
INDENO(1,2,3-CD)PYRENE	3200	8.5	< 9.44	< 9.03	< 9.15
PHENANTHRENE	50000	396	< 9.44	< 9.03	< 9.15
PYRENE	50000	479	< 14.4	< 13.8	< 14
TOTAL SVOCs	500000	2399			UJV
Total Solids		%	92.8	96.5	95.8
		94.2			

NOTES:

1) NYSDC RSCOs obtained from TAGM 4046.

2) NYSDC RSCOs obtained from TAGM 4046.

3) All "DUP" samples are duplicate of the sample immediately preceding them in the table.

QUANTIFIERS

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.

VOC6 = The production of acetone and other ketones is commonly seen when using sodium bisulfate in the SW846 5053A extraction technique.

V = Result was changed because of Data Validation.

TABLE 68
AREA-WIDE POST-EXCAVATION (SIDEWALL) SAMPLE RESULTS BY AREA
SUMMARY OF METAL, PCB, PESTICIDE AND HERBICIDE DETECTIONS
ATLAS PARK IRM (PARCEL A)

Site Area Location ID Sample ID Sample Date	NYSDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVE	NORTH PARKING GARAGE AREA									
		SW 4/21/2005	SW 4/21/2005	SW 4/21/2005	SW 4/22/2005	SW 4/22/2005	SW 4/22/2005	SW 4/22/2005	SW 4/22/2005	SW 4/22/2005	SW 4/22/2005
		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
METALS											
ALUMINUM	33000	9680	12200	12100	13400	9870	10300	14300	11500		
BARIUM	600	40.8	62.4	76	88.5	46.3	39.4	84.9	67.1		
BERYLLIUM	1.75	<	0.167	<	0.14	<	0.148	<	0.154	<	U
CALCIUM	35000	1110	1640	3870	3940	4210	2770	3440	2970		
CHROMIUM	40	14.5	25.6	17.7	17.8	16.8	18	19	18.8		
COBALT	60	5.83	11.6	6.66	6.74	8.48	6.92	7.45	6.22		
COPPER	50	16.3	31.9	26.2	20.4	17.1	15.1	27.8	23.2		JV
IRON	550000	11800	17600	14100	16500	13900	13800	16500	14800		
LEAD	500	19.2	86.6	60.4	90.9	17.4	7.29	85.3	272		JV
MAGNESIUM	5000	2480	3320	2490	2700	3970	3770	2390	1910		
MANGANESE	5000	241	368	382	330	319	288	308	324		JV
NICKEL	25	11.1	13.2	13.2	12.3	13.1	15.3	13.9	11.1		
POTASSIUM	43000	948	1280	1390	1340	1200	1340	1540	1080		
VANADIUM	300	17.7	22.4	23.3	24.2	18.2	21	24.2	23		
ZINC	50	42.8	921	85	84.1	31.2	32	79.2	73.3		JV
MERCURY	0.2	<	0.0688	<	0.0845	<	0.0898	<	0.0844	<	U
CYANIDE (TOTAL)		<	0.418	<	0.412	<	0.419	<	0.414	<	U
											6.33
PESTICIDES, PCB, HERBICIDES		ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
4,4'-DDT	2100	<	0.332	<	0.324	<	0.323	<	0.316	<	U
											53.6

NOTES:
1) NYSDC RSCOs obtained from TAGM 4046.
2) All "DUP" samples are duplicate of the sample immediately preceding them in the table.
3) All "DUP" samples are duplicate of the sample immediately preceding them in the table.
QUALIFIERS
D = Results for a diluted sample, # indicates the dilution factor.
ND = Not Detected
U = Analysis was not detected at or above the reporting limit.
INORGANICS (METALS):
J = Result is less than the RL, but greater than or equal to the method detection limit.
X = LCS, LCD, MD, Batch QC exceeds the upper or lower control limits.

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NOTES:

1) NYSDOC BSCOs obtained from TQM 4046

2) NYSDOC BSCOs obtained from TQM 4046

3) All "AL" DUP samples are duplicate of the sample immediately preceding them in the table.

1) NYSDC RSCOs obtained from TAGM 4046.
2) NYSDC RSCOs obtained from TAGM 4046.
3) All "DUP" samples are duplicate of the sample immediately preceding them in the table.

TABLE 6B
AREA-WIDE POST-EXCAVATION (SIDEWALL) SAMPLE RESULTS BY AREA
ATLAS PARK IRM
SUMMARY OF VOC AND SVOC DETECTIONS (PARCEL A)

SITE AREA	NYSDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVE	PLAZA / PARK AREA									
		SW 3/21/2005	SW 4/21/2005	SW 4/21/2005	SW 4/21/2005	SW 4/21/2005	SW 4/21/2005	SW 4/21/2005	SW 4/21/2005	SW 4/21/2005	SW 4/21/2005
VOCs	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
ACETONE	200	< 1.9	UB	< 47.9	U	< 48.8	U	< 480	URV	< 500	URV
TETRACHLOROETHENE	1400	< 2.1	U	< 0.3	U	< 0.3	U	< 3.3	U	< 187	U
TOTAL VOCs	10000	-	-	-	-	-	-	131.7	131.7	187	187
SVOCs		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CYANIDE		ND	NA	NA	NA	NA	NA	NA	NA	NA	NA
	%	%	%	%	%	%	%	%	%	%	%
Moisture	8.2	8.2	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Solids	91.8	91.8	93.2	93	94.9	95.7	89.4	85.2	96.4	92.9	92.9

NOTES:

1) NYSDEC RSCOs obtained from TAGM 4046

2) All "DUP" samples are duplicate of the sample immediately preceding them in the table.

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.

B = Compound was detected in the blank and sample.

NA = Not analyzed

ND = Not Detected

VOC6 = The production of acetone and other ketones is commonly seen when using sodium bisulfate in the SW846 5053A extraction technique.

V = Result was changed because of Data Validation.

R = Result was rejected because of Data Validation.

TABLE 6B
AREA-WIDE POST-EXCAVATION (SIDEWALL) SAMPLE RESULTS BY AREA
SUMMARY OF METAL, PCB, PESTICIDE AND HERBICIDE DETECTIONS
ATLAS PARK IRM (PARCEL A)

Site Area	Location ID	INVSDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVE	PLAZA / PARK AREA									
			SW SW-L4-032105 3/21/2005	SW SW-L13-042105 4/21/2005	SW DUP-7-042105 4/21/2005	SW SW-K2-042105 4/21/2005	SW DUP-3-042105 4/21/2005	SW SW-L1-042105 4/21/2005	SW DUP-4-042105 4/21/2005	SW SW-L13-042205 4/21/2005	SW SW-L13-042105 4/21/2005	SW SW-L7-013105 1/31/2006
METALS	ALUMINUM	mg/Kg 33000	7250	15700	15700	9500	10700	10800	11800	17500	5350	6050
	ARSENIC	12	3.5	0.811	0.811	0.788	0.797	0.811	0.853	4.1	0.789	1.6
	BARIUM	800	40	64.7	64.7	39.1	42.4	57.7	54.7	48.4	27.1	42.4
	CALCIUM	35000	1010	4380	4140	2200	2200	2760	1220	1380	3800	1130
	CHROMIUM	40	15.9	18.3	22.1	15.5	17.8	19	18.2	11.7	11.5	17.4
	COBALT	60	6.3	8.28	10.8	10.8	7.71	6.07	5.71	8.12	4.97	5.9
	COPPER	50	17.2	20	24.8	19.8	17.7	26.7	28.6	11.5	11.5	16
	IRON	550000	13100	15700	25900	12900	13600	12500	12100	16100	9230	12200
	LEAD	500	3.8	32.4	48.5	8.13	7.63	51.7	68.4	65.1	14.5	3.4
	MAGNESIUM	5000	2670	2340	3000	2760	3270	2530	2070	1550	2730	2670
	MANGANESE	5000	319	12.4	446	367	321	271	289	291	217	359
	NICKEL	25	1140	1400	1570	12	13.5	12.3	11.5	10.4	8.76	13.5
	POTASSIUM	43000	64.1	8.63	8.49	7.94	1810	878	733	957	1090	658
	SODIUM	8000	20.9	31.1	21.5	8.5	8.35	8.5	8.94	8.92	8.27	297
	VANADIUM	300	26.7	88.3	134	63.9	24.1	20.9	19.4	0.142	16.4	19.9
	ZINC	50	0.016	0.0831	0.0825	0.0854	0.0786	53.6	60.5	74.8	43.4	21
	MERCURY	0.2	<	<	<	<	<	<	<	<	<	<
PESTICIDES, PCB, HERBICIDES			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:
1) INVSDEC RSCOs obtained from TAGM 4045.
2) All "DUP" samples are duplicates of the sample immediately preceding them in the table.
3) All "DUP" samples are duplicates of the sample immediately preceding them in the table.
QUALIFIERS
ND = Not Detected
U = Upper or lower control limit
J = Result is less than the RSCOL but greater than or equal to the method detection limit.
X = Result is less than the RSCOL but greater than or equal to the method detection limit.
V = Result is less than the RSCOL but greater than or equal to the method detection limit.
X = LCS LCD, MD, Bias, CC, CV, etc.
V = Result changed because of Data Validation.

TABLE 6B
AREA-WIDE POST-EXCAVATION (SIDEWALL) SAMPLE RESULTS BY AREA
ATLAS PARK IRM
SUMMARY OF VOC AND SVOC DETECTIONS (PARCEL A)

SITE AREA		SOUTH PARKING GARAGE AREA									
Location ID	NYSDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVE	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Sample ID		SW-1-111804	SW-A11-010605	EP-SW-88-012105	SW-A9-031005	SW-B14-031005	SW-B15-031005	SW-B7-032105	SW-D15-032105	SW-F15-032105	
Sample Date		11/16/2004	1/6/2005	1/21/2005	3/10/2005	3/10/2005	3/10/2005	3/21/2005	3/21/2005	3/21/2005	
VOCs		ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
ACETONE	200	< 2	32	UV	9.8	J	5.7	J	2.2	J	< 1.9
CHLOROBENZENE	1700	2.5	1.3	U	< 1.3	U	< 1.2	U	< 1.2	U	< 1.2
DICHLOROMETHANE	100	2.8	6.9	J	< 3.6	UV	< 3.9	UV	< 3.8	UV	< 3.8
TOTAL VOCs	10000	2.5	38.9	-	9.8	-	5.7	-	2.2	-	-
SVOCs		ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
ACENAPHTHYLENE	41000	< 47	48	U	< 41	U	72	J	44	U	< 44
ACENAPHTHENE	50000	< 63	65	U	55	U	110	J	59	U	< 59
ANTHRACENE	50000	< 63	65	U	55	U	290	J	59	U	< 59
BENZO(A)ANTHRACENE	224	< 51	53	U	45	U	1400	J	48	U	94
BENZO(A)PYRENE	61	< 47	48	U	41	U	1600	J	44	U	100
BENZO(B)FLUORANTHENE	220	< 110	110	U	92	U	1500	J	100	U	110
BENZO(G,H,I)PERYLENE	50000	< 42	44	U	37	U	120	JM	40	U	74
BENZO(K)FLUORANTHENE	220	< 42	44	U	37	U	100	J	41	U	94
BIS(2-ETHYL-HEXYL)PHTHALATE	50000	< 50	69	J	44	U	830	J	47	U	< 47
CHRYSENE	400	< 48	49	U	42	U	150	J	45	U	110
DIBENZO(A,H)ANTHRACENE	14	< 42	44	U	37	U	1400	J	40	U	< 40
FLUORANTHENE	50000	< 48	49	U	42	U	3000	J	45	U	190
FLUORENE	50000	< 49	51	U	43	U	96	J	46	U	< 46
INDENO(1,2,3-CD)PYRENE	3200	< 39	40	U	34	U	1200	JM	36	U	62
NAPHTHALENE	13000	< 65	67	U	140	J	64	U	61	U	< 61
PHENANTHRENE	50000	< 45	46	U	39	U	1200	J	42	U	< 130
PYRENE	50000	< 53	54	U	46	U	2700	J	49	U	160
TOTAL SVOCs	500000	-	69	140	1508	17456	-	1054	-	1120	-
CYANIDE (TOTAL)		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Moisture		%	%	%	%	%	%	%	%	%	%
Total Solids		85.8	84.4	NA	12.3	11	8	14	8.6	7.6	92.4

NOTES:
 1) NYSDC RSCOs obtained from Technical and Administrative Guidance Memorandum (TAGM) # 4046, January 1994.

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.
 B = Compound was detected in the blank and sample.
 M = Manually integrated compound.
 ND = Not Detected.
 V = Result was changed because of Data Validation.

TABLE 68
AREA-WIDE POST-EXCAVATION (SIDEWALL) SAMPLE RESULTS BY AREA
SUMMARY OF METAL, PCB, PESTICIDE AND HERBICIDE DETECTIONS
ATLAS PARK IRM (PARCEL A)

Site Area Location ID Sample ID Sample Date	NYSDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVE	SOUTH PARKING GARAGE AREA									
		SW 11/16/2004	SW 1/6/2005	SW 1/21/2005	SW 1/21/2005	SW 3/10/2005	SW 3/10/2005	SW 3/10/2005	SW 3/21/2005	SW 3/21/2005	SW 3/21/2005
METALS	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
ALUMINUM	33000	11800	14200	10900	9420	X	8180	X	7220	X	7710
ARSENIC	12	3.3	2.6	4.3	B	3.7	B	7.7	B	2.1	B
BARIUM	600	50.4	48.9	55.6	X	52.3	X	44.8	X	45.4	X
CALCIUM	35000	778	1220	727	X	2200	X	1030	X	3720	X
CHROMIUM	40	22.2	26.2	17.1	NJV	19.4	X	16.8	X	13.9	X
COPPER	80	6.2	7.9	8.5	X	6.6	X	5.9	X	4.7	X
IRON	50	22.6	12	26.8	NJV	20.6	X	16.7	X	17.6	X
LEAD	550000	17100	18200	26500	B	15800	X	11100	X	10700	X
MAGNESIUM	500	10.5	9.9	9.7	B	24.1	X	3.9	B	9.8	B
MANGANESE	5000	3560	2510	4410	X	3290	X	2920	X	2100	X
NICKEL	25	15.8	13.6	23.2	X	361	X	11.5	X	273	X
POTASSIUM	43000	727	418	758	NJV	832	X	864	X	10.8	X
SODIUM	8000	95	49.6	89.3	B	124	X	68	B	81.3	B
VANADIUM	300	29.1	35.6	15.5	NJV	22.6	X	17.4	X	15.6	X
ZINC	50	33.8	30.1	61.1	NJV	47.4	X	24.8	B	26.1	X
MERCURY	0.2	0.029	B	0.018	B	0.07	X	0.014	UX	0.02	B
PESTICIDES, PCB, HERBICIDES	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
4,4'-DDT	2100	< 0.35	< 0.37	< 0.32	U	2.9	J	< 0.35	U	< 0.34	U
ALPHA-CHLORDANE	540	< 0.13	< 0.13	< 0.11	U	< 0.12	UV	< 0.12	U	< 0.12	U
GAMMA-CHLORDANE	540	< 0.1	< 0.11	< 0.094	U	< 0.1	U	< 0.1	U	< 0.099	U
ENDOSULFAN I	900	< 0.17	< 0.17	< 0.15	U	< 0.17	U	< 0.16	U	< 0.17	U
ENDOSULFAN II	900	< 0.19	< 0.2	< 0.18	U	< 0.19	U	< 0.18	U	< 0.19	U
HEPTACHLOR	100	< 0.17	< 0.18	< 0.15	U	< 0.17	U	< 0.17	U	< 0.17	U
AROCLOR - 1254 (PCB-1254)	-	< 1.4	< 1.4	< 1.2	U	8.9	JM	< 1.4	U	< 1.3	U
AROCLOR - 1260 (PCB-1260)	-	< 4.8	< 4.7	< 4.1	UV	13	J	8.5	JM	< 4.8	U
TOTAL PCBs	10000					21.9		8.5		54	
HERBICIDES		ND	ND	NA	ND	ND	ND	ND	ND	ND	ND

NOTES:
 1) NYSDEC BSCOs obtained from TAGM 4046
 ND = Not Detected
 U = Analyte was not detected at or above the reporting limit.
 V = Result changed because of Data Validation.
INORGANICS (METALS):
 N = MS, MSD: Spike recovery exceeds the upper or lower control limits.
 B = Result is less than the CRDL/RL, but greater than or equal to the method detection limit.
 J = Result is less than the RL, but greater than or equal to the method detection limit.
 X = LCS, LCD, MD: Batch QC exceeds the upper or lower control limits.
ORGANICS (PESTICIDES, PCB, HERBICIDES):
 J = Result is an estimated value below the reporting limit or a tentatively identified compound (TIC) detected.
 M = Manually integrated compound.

TABLE 7A
AOC-2A
ENDPOINT SAMPLE RESULTS
ATLAS PARK IRM AREA (PARCEL A)

Location ID	NYSDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVE	2A EP-2A-F6-051105 5/11/2005	2A EP-2A-F9-051105 5/11/2005	2A EP-2A-F10-051105 5/11/2005
Sample ID				
Sample Date				
VOC		ug/kg	ug/kg	ug/kg
		ND	ND	ND
TOTAL VOCs	10000	-	-	-
SVOC				
		ND	ND	ND
TOTAL SVOCs	500000	-	-	-
PESTICIDES, PCB, AND HERBICIDES		ND	ND	ND
METALS	mg/kg	mg/kg	mg/kg	mg/kg
ALUMINUM	33000	2900	9640	15900
BARIUM	600	18.6	54.2	49.8
BERYLLIUM	1.75	0.135	0.145	0.599
CALCIUM METAL	35000	8040	1360	1330
CHROMIUM-TOTAL RECOVERABLE	40	4.72	20.3	20.3
COBALT	60	2.07	7.75	6.62
COPPER	50	5.29	19.5	12.5
IRON	550000	6280	15300	21000
LEAD	500	1.7	4.99	9.55
MAGNESIUM	5000	3570	4910	2990
MANGANESE	5000	176	860	270
NICKEL	25	4.71	15.5	12.4
POTASSIUM	43000	475	1800	1960
VANADIUM	300	6.95	19.8	30.8
ZINC	50	9.73	232	38.9
MOISTURE	%	%	%	%
		96.7	92.5	87.4

NOTES:

1) NYSDEC RSCOs obtained from Technical and Administrative Guidance Memorandum (TAGM) # 4046, January 1994.

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

ND = no detection

TABLE 7B
AOC 2B (LEAD-HAZARDOUS SOIL / FILL LAYER)
ENDPOINT SAMPLE RESULTS (TCLP LEAD ANALYSIS)
ATLAS PARK IRM AREA (PARCEL A)

Location ID Sample ID Sample Date Unit	Hazardous Waste Regulatory Levels for Toxicity Characteristic mg/L	2B 2B-EP-G4-011105 1/11/2005 mg/L	2B 2B-EP-G4-122804 12/28/2004 mg/L	2B 2B-EP-G5-011105 1/11/2005 mg/L	2B 2B-EP-G5-122804 12/28/2004 mg/L	2B 2B-EP-G6-011105 1/11/2005 mg/L	2B 2B-EP-H4(NW)-011105 1/11/2005 mg/L	2B 2B-EP-H4-122804 12/28/2004 mg/L	2B 2B-EP-H5-122804 12/28/2004 mg/L	2B 2B-EP-J3-122804 12/28/2004 mg/L
TCLP										
LEAD	5	< 0.015	U < 0.015	U < 0.015	U < 0.015	U	0.0224	V <	U < 0.015	U < 0.015

Location ID Sample ID Sample Date Unit	Hazardous Waste Regulatory Levels for Toxicity Characteristic mg/L	2B 2B-EP-I4-011105 1/11/2005 mg/L	2B 2B-EP-I4-122804 12/28/2004 mg/L	2B 2B-EP-I5(NE)-011105 1/11/2005 mg/L	2B 2B-EP-I5-122904 12/29/2004 mg/L	2B 2B-EP-I6-122904 12/29/2004 mg/L	2B 2B-EP-J3-122804 12/28/2004 mg/L	2B 2B-EP-J4-122804 12/28/2004 mg/L	2B 2B-EP-J5-122904 12/29/2004 mg/L
TCLP									
LEAD	5	< 0.015	U < 0.015	U	0.0698	< 0.015	U < 0.015	U < 0.015	U < 0.015

QUALIFIERS:

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

V = Result changed because of Data Validation.

**TABLE 7C
AOC-2C
ENDPOINT SAMPLE RESULTS
ATLAS PARK IRM AREA (PARCEL A)**

Sample ID Sample Date	NYSDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVE	EP-2C-050605 5/6/2005
VOC	ug/kg	ug/kg
CHLORINATED FLUOROCARBON (FREON 113)	6000	0.6 J
TOTAL VOCs	10000	0.6
SVOC		
DIETHYL PHTHALATE	7100	77 J
ACENAPHTHYLENE	41000	< 5.86 U
ACENAPHTHENE	50000	< 4.69 U
ANTHRACENE	50000	< 5.86 U
BENZO(A)ANTHRACENE	224	< 12.5 U
BENZO(A)PYRENE	61	< 6.62 U
BENZO(B)FLUORANTHENE	220	< 25.8 U
BENZO(G,H,I)PERYLENE	50000	< 5.45 U
BIS(2-ETHYLHEXYL)PHTHALATE	50000	< 37.2 U
CARBAZOLE		NA
CHRYSENE	400	< 2.75 U
DIBENZ(A,H)ANTHRACENE	14	< 3.11 U
DIBENZOFURAN	6200	< 2.34 U
FLUORANTHENE	50000	< 4.69 U
FLUORENE	50000	< 4.69 U
INDENO(1,2,3-CD)PYRENE	3200	< 8.97 U
NAPHTHALENE	13000	< 7.44 U
PHENANTHRENE	50000	< 8.97 U
PYRENE	50000	< 13.7 U
TOTAL SVOCs	500000	77
PCBS	ug/kg	ug/kg
		ND
PESTICIDES AND HERBICIDES	ug/kg	ug/kg
		ND
METALS	mg/Kg	mg/Kg
ALUMINUM	33000	4680
ARSENIC	12	1.67
BARIUM	600	22.7
CALCIUM METAL	35000	645
CHROMIUM	40	13.2
COBALT	60	5.54
COPPER	50	10.5
IRON	550000	19500
LEAD	500	3.8
MAGNESIUM	5000	1030
MANGANESE	5000	374
NICKEL	25	8.22
POTASSIUM	43000	327 J
VANADIUM	300	49.1 J
ZINC	50	21.8
	%	%
MOISTURE		95

NOTES:

1) NYSDEC RSCOs obtained from Technical and Administrative Guidance Memorandum (TAGM) # 4046, January 1994.

NA = Not Analysed

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).

**TABLE 7D
AOC-2D
ENDPOINT AND STOCKPILE SAMPLE RESULTS
ATLAS PARK IRM AREA (PARCEL A)**

Sample ID Sample Date	NYSDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVE	EP-2D-061105 5/11/2005
VOC	ug/kg	ug/kg
TOTAL VOCs	10000	ND
SVOCs	ug/kg	ug/kg
ACENAPHTHYLENE	41000	NA
ANTHRACENE	50000	NA
BENZO(G,H,I)PERYLENE	50000	NA
BIS(2-ETHYLHEXYL)PHTHALATE	50000	NA
DIBENZ(A,H)ANTHRACENE	14	NA
DI-N-BUTYLPHTHALATE	8100	NA
FLUORANTHENE	50000	NA
INDENO(1,2,3-CD)PYRENE	3200	NA
PHENANTHRENE	50000	NA
PYRENE	50000	NA
TOTAL SVOCs	500000	NA
METALS	mg/kg	mg/kg
BARIUM	600	74.4
CALCIUM METAL	35000	1700
CHROMIUM	40	18.4
COBALT	60	5.29
COPPER	50	19.7
IRON	550000	16400
LEAD	500	9.2
MAGNESIUM	5000	3130
MANGANESE	5000	322
NICKEL	25	12.3
POTASSIUM	43000	2330
VANADIUM	300	23.2
ZINC	50	35.5
MOISTURE	%	%
		95.1

NOTES:

- 1) NYSDEC RSCOs obtained from TAGM 4046.
- 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).
- T = Compound was found in TCLP Blank

TABLE 7E
AOC-UST-F9
ENDPOINT SAMPLE RESULTS
ATLAS PARK IRM AREA (PARCEL A)

Location ID Sample ID Sample Date	NYSDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVE	UST_F9 UST-F9-11-30-04 11/30/2004
VOCS		
	ug/Kg	ug/Kg
DICHLOROMETHANE	100	3.6 J
TOTAL VOCs	10000	3.6
STARS VOCs		
1,2,4-TRIMETHYLBENZENE	10000	1.7
M&P XYLENE	-	2.5
METHYLBENZENE	1500	5.9
NAPHTHALENE	13000	1.4 J
XYLENE (TOTAL)	1200	2.5 J
TOTAL VOCs	10000	14
SVOCs		
	-	ND
PESTICIDES, PCBs, HERBICIDES		
4,4'-DDT	2100	0.46 J
HERBICIDES		
	-	ND
PCBs		
	-	ND
METALS		
	mg/Kg	mg/Kg
ALUMINUM	33000	1880
BARIUM	600	13.9
CALCIUM	35000	1150
CHROMIUM	40	4.2 V
COBALT	60	2.2
COPPER	50	10.2 V
IRON	550000	5160
LEAD	500	2.1 V
MAGNESIUM	5000	1190
MANGANESE	5000	143 X
NICKEL	25	5.1 V
POTASSIUM	43000	153 V
SODIUM	8000	61.1 V
VANADIUM	300	5.4
ZINC	50	9.4 V
		%
Moisture		3.1
Total Solids		96.9

NOTES:

1) NYSDEC RSCOs obtained from Technical and Administrative Guidance Memorandum (TAGM) # 4046, January 1994.

2) All endpoint samples reflected in this table meet NYSDEC RSCOs; no exceedances reported.

QUALIFIERS:

V = Result was changed because of Data Validation.

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

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

TABLE 7F
AOC-B29 (IRM BORING DEC IDENTIFIED HOT SPOT)
ENDPOINT SAMPLE RESULTS
ATLAS PARK IRM AREA (PARCEL A)

Location ID Sample ID Sample Date	NYSDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVE	B29 B29-BOT-021405 2/15/2005	B29 B29-ESW-021405 2/15/2005	B29 B29-NSW-021405 2/15/2005	B29 B29-WSW-021405 2/15/2005
VOCs	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
ACETONE	200	J	2.7	J	2
TOTAL VOCs	10000	2	2.7	2.1	2
SVOCs					
TOTAL SVOCs	500000	-	-	-	-
CYANIDE (TOTAL)		< 28.6	U	< 32.5	U
PESTICIDES, PCBs, HERBICIDES					
ALDRIN	41	< 0.39	U	< 0.44	U
AROCLOL - 1260 (PCB-1260)		< 4.4	U	< 4.9	U
TOTAL PCBs	10000	-	-	48	4.4
METALS	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
ALUMINUM	33000	6490	16000	13800	5800
ARSENIC	12	< 1.6	U	3	1.5
BARIUM	500	53.1	57.6	46.7	45.4
CALCIUM	35000	668	1220	502	764
CHROMIUM	40	13.8	V	23.5	V
COBALT	60	5.7	7.5	27.7	13.4
COPPER	50	16.3	15.4	9.2	5.1
IRON	550000	11600	25800	19.5	14.3
LEAD	500	5.3	9.7	43700	10900
MAGNESIUM	5000	2040	3860	6.8	3.3
MANGANESE	5000	532	343	2520	2110
NICKEL	25	11.6	14.7	527	399
POTASSIUM	43000	631	628	15.4	10.2
SODIUM	8000	71.3	150	790	642
VANADIUM	300	17.9	32.3	608	76.8
ZINC	50	24.4	60.6	35.7	16.7
MERCURY	0.2	< 0.015	U	34.7	38.2
		< 0.018	U	0.019	< 0.013
Moisture		%	%	%	%
Total Solids		9.7	20.4	16	9.2
		90.3	79.6	84	90.8

NOTES:
1) NYSDEC RSCOs obtained from TAGM 4046.
2) All end point soil samples reflected in this table meet NYSDEC RSCOs; no exceedances reported.

QUALIFIERS:
V = Result was changed because of Data Validation.
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 7G
AOC-B30 (IRM BORING DEC IDENTIFIED HOT SPOT)
ENDPOINT SAMPLE RESULTS
ATLAS PARK IRM AREA (PARCEL A)

Location ID Sample ID Sample Date	NYSDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVE	B30 B-30-BOT-021805 2/18/2005	B30 B-30-ESW-021805 2/18/2005	B30 B-30-NSW-021805 2/18/2005	B30 B-30-SSW-021805 2/18/2005	B30 B-30-WSW-021805 2/18/2005
SVOCS						
BENZ(A)ANTHRACENE	224	48 J	47 U	49 U	47 U	46 U
BENZO(A)PYRENE	61	52 J	43 U	46 U	43 U	42 U
BENZOKI(FLUORANTHENE	220	52 J	39 U	40 U	39 U	38 U
CHRYSENE	400	50 J	44 U	46 U	44 U	43 U
FLUORANTHENE	50000	63 J	44 U	46 U	44 U	43 U
PYRENE	50000	59 J	48 U	50 U	48 U	47 U
TOTAL SVOCS	600000	324				
PESTICIDES, PCBs, AND HERBICIDES						
4,4'-DDE	2100	1.1 J	0.46 U	0.48 U	0.48 U	0.47 U
TOTAL PCBs	10000					
METALS						
ALUMINUM	33000	6400	6600	6780	5620	10700
ARSENIC	12	1.5 U	1.7 B	1.7 U	1.4 U	1.5 U
BARIUM	600	27.3	33.9	30.9	24.8	23.3
CALCIUM	35000	682	935	516	649	807
CHROMIUM	40	11	7.3	13.2	10.8	15.8
COBALT	60	5.1	3	5.4	4.8	8.8
COPPER	50	14.8	10.3	19	13.4	14.5
IRON	550000	9990	6860	9850	8930	13200
LEAD	500	6.2	19.7	9.4	9.7	4.7
MAGNESIUM	5000	2840	1330	2680	2510	6350
MANGANESE	5000	342	266	455	343	356
NICKEL	25	12.2	4.9	12.6	10.7	16.1
POTASSIUM	43000	619	506	525	546	640
SODIUM	8000	104	49.9	92.3	83.2	90.5
VANADIUM	300	13.9	16.4	15	13.2	22.5
ZINC	50	23.9	23.5	36.7	19.3	30.9
MERCURY	0.2	0.024 B	0.015 U	0.027 B	0.015 U	0.014 U
Moisture		%	%	%	%	%
Total Solids		8.1	7.5	10.1	9.3	7.2
		91.9	92.5	89.9	90.7	92.8

NOTES:
 1) NYSDC RSCOs obtained from Technical and Administrative Guidance Memorandum (TAGM) # 4046, January 1994.
 2) All endpoint samples reflected in this table meet NYSDC RSCOs; no exceedances reported.

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.
 N = MS, MSD: Spike recovery exceeds the upper or lower control limits.
 J = Result is an estimated value below the reporting limit or a tentatively identified compound (TIC) detected.

TABLE 7H
AOC-UST-D11
ENDPOINT SAMPLE RESULTS
ATLAS PARK IRM AREA (PARCEL A)

Location ID	NYSDEC TAGM	UST_D11
Sample ID	RECOMMENDED SOIL	UST-D11-12-2-04
Sample Date	CLEANUP OBJECTIVES	12/2/2004
ug/kg		ug/kg
STARS VOCs		
METHYLBENZENE	1500	2.6
TOTAL VOCs	10000	2.6
STARS SVOCs	-	ND
		%
Moisture		7.3
Total Solids		92.7

NOTES:

- 1) NYSDEC RSCOs obtained from Technical and Administrative Guidance Memorandum (TAGM) # 4046, January 1994.
- 2) All endpoint samples reflected in this table meet NYSDEC RSCOs for STARS compounds; no exceedances reported.
- 3) ND = Not detected.

TABLE 71
AOC-DRUM AREA
ENDPOINT SAMPLE RESULTS
ATLAS PARK IRM AREA (PARCEL A)

Location ID Sample ID Sample Date	NYSDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVE	DRUMS DRUM-EP(1)011705 1/17/2005	DRUMS DRUM-EP(2)011705 1/17/2005	DRUMS DRUM-SSW(1)-010705 1/7/2005	DRUMS DRUM-SSW(2)-010705 1/7/2005	DRUMS DRUM-WSW-010705 1/7/2005
STARS VOC	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
MSP-XYLENE	-	2.6	J <	1	U <	U <
NAPHTHALENE	13000	1.4	J <	0.6	U <	U <
XYLENE (TOTAL)	1200	2.6	J <	0.17	U <	U <
TOTAL VOCs	10000	6.6	-	-	-	1.3
STARS SVOC						
BENZO(K)FLUORANTHENE	220	39	U	39	J <	40
FLUORANTHENE	50000	44	U	48	J <	52
PYRENE	50000	48	U <	48	U <	52
TOTAL SVOCs	500000	-	87	-	104	-
		%	%	%	%	%
Moisture		6.9	5	10.4	10.4	10.1
Total Solids		93.1	95	89.6	89.6	89.9

NOTES:

- 1) NYSDEC RSCOs obtained from Technical and Administrative Guidance Memorandum (TAGM) # 4046, January 1994.
- 2) All endpoint samples reflected in this table meet NYSDEC TAGM 4046 clean-up objectives for STARS compound; no exceedances reported.

QUALIFIERS:

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

TABLE 7J

since Memorandum (TAGM) # 4046, January 1994.
 (M) 4046 clear-up objectives for STARS compounds, except for sample collected on the south side of property line.
 uly identified compound (TIC) detected.

1) NYSDC RSCOs obtained from Technical and Administrative Guidance Memorandum (TAGM) #4046, January 1994.
2) All endpoint soil samples reflected in this table meet NYSDC TAGM 4046 clean-up objectives for STARS compounds, except for sample collected on the south side of AOC excavation (DIESEL-S-010505) which is coincident with the site property line.

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

TABLE 7K
AOC-2F (OIL CISTERN)
ENDPOINT SAMPLE RESULTS
ATLAS PARK IRM AREA (PARCEL A)

Sample ID	NYSDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVE	E14-021405 (Bottom) 2/15/2005	E14-SW-NE-16-20 2/17/2005	E14-SW-NW-16-20 2/17/2005	E14-SW-SE-20-24 2/17/2005	E14-SW-SW-20-24 2/17/2005
	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
STARS-VOC		ND	ND	ND	ND	ND
STARS-SVOC		ND	ND	ND	ND	ND
RODA-METALS	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
BARIUM	600	23.8	11.1	11.5	16.6	13.2
CHROMIUM	40	7.25	4.49	6.9	4.47	4.43
LEAD	500	3.91	< 1.65	UJV < 1.65	UJV < 1.65	UJV < 1.65
TPH	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
TPH	< 63	UV	856	JV < 20	UV < 20	UV < 20

NOTES:

1) NYSDEC RSCOs obtained from Technical and Administrative Guidance Memorandum (TAGM) # 4046, January 1994.

QUALIFIERS:

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

ND = Not Detected.

V = Result was changed because of Data Validation.

J = Result is an estimated value below the reporting limit

or a tentatively identified compound (TIC).

TABLE 7L
AOC-2G (SOLVENT-LIKE ODORS)
ENDPOINT SAMPLE RESULTS
ATLAS PARK IIRI AREA (PARCEL A)

Location ID	NYSDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVE	2G EP-BOT-B8-012105 1/21/2005	2G EP-ESW-B8-012105 1/21/2005	2G EP-NSW-B8-012105 1/21/2005	2G EP-SSW-B8-012105 1/21/2005	2G EP-W/SW-B8-012105 1/21/2005	2G EP-SW-B8-012105 1/21/2005
Sample ID							
Sample Date							
SVOCs							
NAPHTHALENE	13000	NA	NA	NA	NA	NA	140
TOTAL SVOCs	500000						140
Metals							
ALUMINUM	mg/Kg 33000	mg/Kg NA	mg/Kg NA	mg/Kg NA	mg/Kg NA	mg/Kg NA	mg/Kg 10600
ARSENIC	12	NA	NA	NA	NA	NA	4.3
BARIUM	800	NA	NA	NA	NA	NA	55.6
CALCIUM	35000	NA	NA	NA	NA	NA	727
CHROMIUM	40	NA	NA	NA	NA	NA	17.1
COBALT	60	NA	NA	NA	NA	NA	8.5
COPPER	50	NA	NA	NA	NA	NA	26.6
IRON	550000	NA	NA	NA	NA	NA	26500
LEAD	500	NA	NA	NA	NA	NA	9.7
MAGNESIUM	5000	NA	NA	NA	NA	NA	4410
MANGANESE	5000	NA	NA	NA	NA	NA	484
NICKEL	25	NA	NA	NA	NA	NA	23.2
POTASSIUM	43000	NA	NA	NA	NA	NA	758
SODIUM	8000	NA	NA	NA	NA	NA	89.3
VANADIUM	300	NA	NA	NA	NA	NA	15.5
ZINC	50	NA	NA	NA	NA	NA	61.1
MERCURY	0.2	NA	NA	NA	NA	NA	0.018
Moisture		% 8.4	% 7.7	% 9.1	% 6.9	% 7.3	% 3.7
Total Solids		% 93.6	% 92.3	% 90.9	% 93.1	% 92.7	% 96.3

NOTES:

- 1) NYSDEC RSCOs obtained from Technical and Administrative Guidance Memorandum (TAGM) # 4046, January 1994.
- 2) All endpoint samples reflected in this table meet NYSDEC TAGM 4046 clean-up objectives for VOCs (suspected constituent of concern); no exceedances reported.
- 3) Sample EP-SW-B8-012105 also serves as An Area-Wide endpoint (sidewall) sample, see Area-Wide endpoint tables.
- 4) NA = Not analyzed.

QUALIFIERS:

- B = Result is less than the CRDL/RL, but greater than or equal to the IDL/MDL.
J = Result is an estimated value below the reporting limit or a tentatively identified compound (TIC) detected.
U = Analyte was not detected at or above the reporting limit.
V = Result was changed because of data validation.
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.
ND = Not Detected.

TABLE 7M
AOC-2H/2I (DIESEL ODORS)
ENDPOINT SAMPLE RESULTS
ATLAS PARK IIRM AREA (PARCEL A)

Location ID	NYSDEC TAGM	SW
Sample ID	RECOMMENDED SOIL	SW-J7-013105
Sample Date	CLEANUP OBJECTIVE	1/31/2005
VOCs	ug/kg	ND
SVOCs		ND
PCBs		ND
METALS	mg/kg	mg/kg
ALUMINUM	33000	6080
BARIUM	600	42.4
CALCIUM	35000	1130 XN
CHROMIUM	40	17.4 N
COBALT	60	5.8
COPPER	50	16
IRON	550000	12200
LEAD	500	3.4 B
MAGNESIUM	5000	2670 N
MANGANESE	5000	359
NICKEL	25	13.5
POTASSIUM	43000	636 X
SODIUM	8000	297 N
VANADIUM	300	19.9
ZINC	50	21 B
	%	%
Moisture		7.1
Total Solids		92.9

NOTES:

1) NYSDEC RSCOs obtained from Technical and Administrative Guidance Memorandum (TAGM) # 4046, January 1994.

QUALIFIERS:

N = MS, MSD: Spike recovery exceeds the upper or lower control limits.
X = LCS, LCD, MD: Batch QC exceeds the upper or lower control limits.
B = Result is less than the CRDL/RL, but greater than or equal to

TABLE 7N
AOC B41 (IRM BORING/DEC HOT SPOT)
ENDPOINT SAMPLE RESULTS
ATLAS PARK IRM AREA (PARCEL A)

Location ID Sample ID Sample Date	NYSDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVE	B41 B41-BOT-022805 2/28/2005	B41 B41-ESW-022805 2/28/2005	B41 B41-NSW-022805 2/28/2005	B41 B41-SSW-022805 2/28/2005	B41 B41-WSW-022805 2/28/2005
SVOCs	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
NAPHTHALENE	13000	< 57 U	< 61 U	92 J	< 59 U	< 59 U
TOTAL SVOCs	500000			92		
METALS	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
ALUMINUM	33000	1480 V	5680 V	3750 V	3780 V	4140 V
BARIUM	600	10.5	34.3	30.8	27.1	30.5
CALCIUM	35000	5510	942	1350	1310	949
CHROMIUM	40	4.2	16.8	9.2	9	9.6
COBALT	60	1.6 V	4.7 V	4.4 V	4.1 V	4.3 V
COPPER	50	4.7 V	14.7 V	14.6 V	13.4 V	12.5 V
IRON	550000	4050	10800	7930	8140	8510
LEAD	500	0.97 V	5.4 V	2.7 V	2.4 V	3.2 V
MAGNESIUM	5000	3590 V	2710 V	2220 V	2260 V	2010 V
MANGANESE	5000	99.6 V	339 V	257 V	334 V	287 V
NICKEL	25	3.8 V	9.7 V	9.7 V	8.6 V	8.2 V
POTASSIUM	43000	173 V	804 V	608 V	596 V	553 V
SODIUM	8000	62.5 V	89.1 V	156 V	109 V	102 V
VANADIUM	300	4.8 V	15.6 V	10.4 V	10.4 V	12.3 V
ZINC	50	6.8 V	22.4 V	52.4 V	63.1 V	28.8 V
MERCURY	0.2	< 0.013 UV	< 0.013 UV	0.018 V	< 0.014 UV	< 0.013 UV
Moisture		%	%	%	%	%
Total Solids		2	8.3	7.6	6.6	8.1
		98	91.7	92.4	93.4	91.9

NOTES:
 1) NYSDEC RSCOs obtained from Technical and Administrative Guidance Memorandum (TAGM) # 4046, January, 1994.
 2) All endpoint samples reflected in this table meet NYSDEC RSCOs; no exceedances reported.
 3) NA = Not analyzed.
QUALIFIERS:
 V = Result was changed because of Data Validation.
 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 70
AOC-2J
ENDPOINT SOIL SAMPLE RESULTS
ATLAS PARK IRM (PARCEL A)

Site Area	NYSDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVE	PLAZA / PARK AREA				
Location ID Sample ID Sample Date		2J L13-ESW-030905 3/9/2005	2J L13-NSW-031005 3/10/2005	2J L13-WSW-031005 3/10/2005	2J L13-BOT-031005 3/10/2005	2J L13-SSW-031005 3/10/2005
STARS-VOC		ug/kg ND	ug/kg ND	ug/kg ND	ug/kg ND	ug/kg ND
TOTAL VOCs	10000	-	-	-	-	-
STARS SVOC						
BENZOLANTHRACENE	224	97	< 80	< 80	< 80	< 80
BENZOBI(FLUORANTHENE	220	102	< 80	< 80	< 80	< 80
CHRYSENE	400	121	< 80	< 80	< 80	< 80
FLUORANTHENE	50000	204	< 80	< 80	< 80	< 80
NAPHTHALENE	13000	152	< 80	< 80	< 80	< 80
PYRENE	50000	178	< 80	< 80	< 80	< 80
TOTAL SVOCs	500000	864	< 80	< 80	< 80	< 80
METALS						
ALUMINUM	mg/kg 33000	mg/kg 19459	mg/kg 14067	mg/kg 17973	mg/kg 17563	mg/kg 17436
ARSENIC	12	3.1	2.04	2.97	2.55	2.55
BARIUM	600	79.1	66	93.7	91.6	79
CALCIUM METAL	35000	970	322	761	658	507
CHROMIUM-TOTAL RECOVERABLE	40	19.4	16	18	21.8	17.3
COBALT	60	7.83	5.67	7.09	6.35	8.72
COPPER	50	19	8.04	13.3	8.12	11
IRON	550000	15208	13061	13508	17752	13026
LEAD	500	30.8	7.98	15.2	7.64	8.27
MAGNESIUM	5000	2691	2063	2313	2332	2275
MANGANESE	5000	264	636	1067	956	1095
NICKEL	25	12.7	8.8	12.1	9.57	11.8
POTASSIUM	43000	705	628	698	928	573
SODIUM	8000	609	78.8	13	256	230
VANADIUM	300	23.5	20.8	21.4	27.1	20
ZINC	50	52.3	45.7	53.8	39.18	45
MERCURY	0.2	0.119	0.024	0.072	0.026	0.037
TPH		29	UV	32	UV	20
			UV	<	20	U
					<	20
						UV

NOTES:

NYSDEC TAGM Objectives obtained from the New York State Department of Environmental Conservation Technical and Administrative Memorandum #4046 Document
 NA = Not Analyzed
 ND = Not Detected
ORGANICS:
 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).
 B = Compound was detected in the blank and sample.

TABLE 7P
AOC-2J2
ENDPOINT SOIL SAMPLE RESULTS
ATLAS PARK IIRM (PARCEL A)

[illegible]

NOTES:

- 1) NYSDEC PSCOs obtained from TADM 404a
- 2) ~~NYSDOT PSCOs obtained from TADM 404a~~
- 3) ~~NYSDOT PSCOs obtained from TADM 404a~~
- ND = Not Detected
- NA = Not Analyzed
- QUALIFIERS:
- J = Results were not detected at or above the reporting limit.
- K = Results were not detected at or above the reporting limit or a (tentatively identified compound) TDC.
- X = LCS, MSP, Spikes recovery exceeds the upper or lower control limits
- Y = LCS, MSP, MD, Batch QC exceeds the upper or lower control limits.
- D = Results for a dilute sample. A indicates the dilution factor.
- B = Compounds were detected in the blank sample.
- VCC = The production of esters and other volatiles is commonly seen when using sodium deuteride in the Synges 5053a extraction technique.

TABLE 7Q
AOC-2L
ENDPOINT SAMPLE RESULTS
ATLAS PARK IIRM AREA (PARCEL A)

Location ID	NYSDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVE	2L 2L-BOT-042105 4/21/2005	2L 2L-ESW-042205 4/22/2005	2L 2L-NSW-042205 4/22/2005	2L 2L-SSW-042205 4/22/2005	2L 2L-WSW-042205 4/22/2005					
Sample ID											
Sample Date											
VOC	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg					
ACETONE	200	147	VOC6 JV	< 31.1	U	< 39.2	U	116	VOC6 JV	49.4	VOC6 JV
TETRACHLOROETHENE	1400	12.6	< 0.2	U	5	9.6	7.4				
SVOC											
BENZO(A)ANTHRACENE	224	223	< 12.3	U	< 12.4	U	< 12.5	U	< 12.2	U	
BENZO(A)PYRENE	61	< 6.65	U	< 6.54	U	< 6.59	U	< 6.61	U	< 6.5	U
BENZO(B)FLUORANTHENE	220	219	< 25.5	U	< 25.6	U	< 25.7	U	< 25.3	U	
BENZO(G,H,I)PERYLENE	50000	< 5.47	U	< 5.38	U	< 5.42	U	< 5.44	U	< 5.35	U
CHRYSENE	400	197	< 2.72	U	< 2.74	U	< 2.75	U	< 2.7	U	
FLUORANTHENE	50000	536	< 4.63	U	< 4.66	U	< 4.68	U	< 4.6	U	
INDENOC(1,2,3-CD)PYRENE	3200	9	U	< 8.85	U	< 8.92	U	< 8.95	U	< 8.8	U
PHENANTHRENE	50000	482	< 8.85	U	< 8.92	U	< 8.95	U	< 8.8	U	
PYRENE	50000	454	< 13.5	U	< 13.6	U	< 13.7	U	< 13.5	U	

NOTES:

NYSDEC TAGM Objectives obtained from the New York State Department of Environmental Conservation Technical and Administrative Memorandum #4046 Document

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

VOC6 = The production of acetone and other ketones is commonly seen when using sodium bisulfate in the SW846 5053A extraction technique.

TABLE 7R
AOC-2N
ENDPOINT SAMPLE RESULTS
ATLAS PARK ILM AREA (PARCEL A)

Site Area Location ID Sample ID Sample Date	NYSDC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVE	2N		2N		2N		2N		2N	
		2N-80T-052005 5/20/2005	2N-ESW-052005 5/20/2005	2N-NSW-052005 5/20/2005	2N-SSW-052005 5/20/2005	2N-SSW-052005 5/20/2005	2N-SSW-052005 5/20/2005				
VOCs											
2-BUTANONE (METHYL ETHYL KETONE)	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
4-METHYL-2-PENTANONE	300	8.1	8.3	10.6	8.6	8.6	8.3	8.3	8.3	8.3	8.3
ACETONE	1000	0.5	0.6	0.6	0.7	0.7	0.6	0.6	0.6	0.6	0.6
DICHLOROMETHANE	200	68.2	51.2	75	59.6	59.6	48.7	48.7	48.7	48.7	48.7
ETHYLBENZENE	100	21.3	20.2	24.4	19.2	19.2	16.2	16.2	16.2	16.2	16.2
METHYLBENZENE	6500	0.5	0.7	0.7	0.6	0.6	0.7	0.7	0.7	0.7	0.7
o-Xylene	1500	1.4	1.5	1	3.2	3.2	0.9	0.9	0.9	0.9	0.9
XYLENE (TOTAL)	1200	0.9	1	1.3	4.4	4.4	1	1	1	1	1
TOTAL VOCs	10000	100.2	81.2	112.3	104.7	104.7	73.2	73.2	73.2	73.2	73.2
SVOCs											
BENZOPANTHRACENE	224	21	13	16.9	15.9	15.9	12.2	12.2	12.2	12.2	12.2
BENZO(A)PYRENE	61	6.73	6.88	18.9	6.74	6.74	6.47	6.47	6.47	6.47	6.47
BIS(2-ETHYLHEXYL)PHTHALATE	50000	21	5.66	27.3	17.5	17.5	5.33	5.33	5.33	5.33	5.33
CHRYSENE	400	37.8	38.6	38.2	86.2	86.2	36.3	36.3	36.3	36.3	36.3
FLUORANTHRENE	50000	21.8	2.86	17.3	16.7	16.7	2.89	2.89	2.89	2.89	2.89
PHENANTHRENE	50000	37.3	4.87	34.9	35.4	35.4	4.58	4.58	4.58	4.58	4.58
PYRENE	50000	30.6	9.31	29.3	43.4	43.4	8.76	8.76	8.76	8.76	8.76
TOTAL SVOCs	500000	173	14.2	175.5	247.9	247.9	13.4	13.4	13.4	13.4	13.4
PESTICIDES AND HERBICIDES											
		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCBS											
AROCLOR - 1260 (PCB-1260)		1.21	1.59	11.8	28	28	1.46	1.46	1.46	1.46	1.46
TOTAL PCBS	10000	-	-	11.8	28	28	1.46	1.46	1.46	1.46	1.46
METALS											
ALUMINUM	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
ARSENIC	33000	10400	9410	10200	10400	10400	8710	8710	8710	8710	8710
BARIUM	12	2.75	0.807	0.794	1.79	1.79	0.761	0.761	0.761	0.761	0.761
BERYLLIUM	600	63.7	42.9	50.8	47.3	47.3	49.2	49.2	49.2	49.2	49.2
CALCIUM METAL	1.75	0.699	0.476	0.509	0.646	0.646	0.439	0.439	0.439	0.439	0.439
CHROMIUM	35000	1710	1490	2220	2030	2030	15.7	15.7	15.7	15.7	15.7
COBALT	40	22.6	16.8	16.6	18.8	18.8	6.13	6.13	6.13	6.13	6.13
COPPER	60	7.01	5.74	6.55	32.6	32.6	19.5	19.5	19.5	19.5	19.5
IRON	50	31.1	17	19.8	17800	17800	14200	14200	14200	14200	14200
LEAD	650000	32800	15000	14800	11.4	11.4	6.2	6.2	6.2	6.2	6.2
MAGNESIUM	500	16.1	6.09	6.06	4050	4050	2610	2610	2610	2610	2610
MANGANESE	6000	3130	2440	346	16	16	11	11	11	11	11
NICKEL	25	14.1	11.2	13.1	216	216	239	239	239	239	239
POTASSIUM	43000	1990	1780	2340	1880	1880	2100	2100	2100	2100	2100
SODIUM	8000	296	196	219	201	201	234	234	234	234	234
VANADIUM	300	33.9	27.4	23.3	25.1	25.1	20.4	20.4	20.4	20.4	20.4
ZINC	50	71	28.2	57.7	66.5	66.5	48.9	48.9	48.9	48.9	48.9
Total Solids	%	%	%	%	%	%	%	%	%	%	%
		89.7	88	89.9	89.8	89.8	90.3	90.3	90.3	90.3	90.3

NOTES:
 1) NYSDC RSCOs obtained from Technical and Administrative Guidance Memorandum (TAGM) # 4046, January 1994.
 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.
 ND = Not detected

TABLE 8
CATEGORY 3
WASTE CHARACTERIZATION SAMPLE RESULTS
ATLAS PARK IIRM AREA (PARCEL A)

Task Code Sample ID Sample Date Unit	NYSDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVE mg/Kg	WC SP3-1 10/21/2004 mg/Kg	WC SP3-14-10-05 1/4/2005 mg/Kg	WC SP-3-15-012505 1/25/2005 mg/Kg	WC SP-3-16-012605 1/26/2005 mg/Kg	WC SP-3-17-012605 1/26/2005 mg/Kg	WC SP3-3 10/22/2004 mg/Kg	WC SP3-2 10/22/2004 mg/Kg
METALS								
ALUMINUM	33000	7780	6920	6590	5780	9990	7130	7860
ARSENIC	12	1.7	1.6	1.9	2.1	2.8	2	1.7
BARIUM	600	39.1	35.3	39.6	39.2	42.5	44.1	41.8
CALCIUM	35000	1680	1190	6760	761	664	1580	2440
CHROMIUM (TOTAL)	40	16.3	15	13.6	14.4	22.1	14	15.2
COBALT	50	5.1	5.4	5.7	5.1	6.9	4.7	5.5
COPPER	50	17.6	14	17.2	18.6	19.8	14.8	16.6
IRON	550000	11500	12100	11600	10800	17400	10500	14400
LEAD	500	15.4	6.2	4.8	8.7	5.7	22.8	14.6
MAGNESIUM	5000	2920	2760	5510	2120	3170	2320	2910
MANGANESE	5000	298	315	344	400	520	293	317
NICKEL	25	12.1	11.9	13.8	10.9	17	10	11.5
POTASSIUM	43000	603	646	817	467	614	539	568
SILVER	-	0.38	0.31	0.43	0.42	0.44	0.38	0.4
SODIUM	8000	68.8	106	213	93.9	78.4	72.6	68.7
VANADIUM	300	20.6	16.8	17.8	15.5	22.2	18.2	20.4
ZINC	50	22.8	25.1	25	42.4	29.8	24.9	28
MERCURY	0.2	0.096	0.015	0.015	0.014	0.014	0.034	0.059

NOTES:

- 1) NYSDC RSCOs obtained from TAGM 4046.
- 2) NYSDC exceedances are highlighted in **BOLD**.
- 3) Those Category 3 Soils containing exceedances of the TAGM Guidelines were disposed offsite as Category 1 soils.

QUALIFIERS

D* = Results for a diluted sample, # indicates the dilution factor.
V = Result was changed because of Data Validation.
U = Analyte was not detected at or above the reporting limit.
INORGANICS (METALS AND CYANIDE):
B = Result is less than the CRDL/RL, but greater than or equal to the IDL/MDL.
X = LCS, LCD, M/D: Batch QC exceeds the upper or lower control limits.
N = MS, MSD: Spike recovery exceeds the upper or lower control limits.

TABLE 8
CATEGORY 3
WASTE CHARACTERIZATION SAMPLE RESULTS
ATLAS PARK IIRM AREA (PARCEL A)

Task Code Sample ID Sample Date Unit	NYSDEC TAGM RECOMMENDED SOIL CLEANUP OBJECTIVE mg/Kg	WC SP-3-5-11-09-04 11/9/2004 mg/Kg	WC SP-3-6-11-09-04 11/9/2004 mg/Kg	WC SP-3-11-12-2-04 12/2/2004 mg/Kg	WC SP-3-12-14-04 12/14/2004 mg/Kg	WC SP-13-12-17-04 12/17/2004 mg/Kg
METALS						
ALUMINUM	33000	7090	6090	5870	8080	7600
ARSENIC	12	1.9	1.5	1.4	1.7	2.6
BARIUM	600	35.6	37.7	39.8	42.8	32.1
CALCIUM	35000	915	2130	720	1250	1480
CHROMIUM (TOTAL)	40	17.2	14.6	13	17.3	13.7
COBALT	60	5.8	4.7	6.4	5.8	5.6
COPPER	50	16.8	17.9	16.2	16.7	22.7
IRON	550000	13200	12700	12800	12300	12500
LEAD	500	5.9	13.6	7.4	12.7	9.5
MAGNESIUM	5000	3030	2500	2130	2980	2350
MANGANESE	5000	333	260	517	311	324
NICKEL	25	12.5	10	12.6	11.7	12.7
POTASSIUM	43000	560	487	506	767	627
SILVER	-	0.34	0.32	0.35	0.28	0.78
SODIUM	8000	76.2	126	95.6	86.4	83.5
VANADIUM	300	27	19	14.9	19.8	16.5
ZINC	50	52.4	53.1	117	30.9	31.9
MERCURY	0.2	0.028	0.043	0.02	0.028	0.025

NOTES:

- 1) NYSDC RSCOs obtained from TAGM 4046.
- 2) NYSDC exceedances are highlighted in **BOLD**.
- 3) Those Category 3 Soils containing exceedances of 1

QUALIFIERS

D* = Results for a diluted sample, # indicates the dilution factor.
V = Result was changed because of Data Validation.
U = Analyte was not detected at or above the reporting level.
INORGANICS (METALS AND CYANIDE):
B = Result is less than the CRDL/RL, but greater than the LCS, LCD, MD, Batch QC exceeds the upper or lower limit.
N = MS, MSD: Spike recovery exceeds the upper or lower limit.

TABLE 8
CATEGORY 3
WASTE CHARACTERIZATION SAMPLE RESULTS
ATLAS PARK IIRM AREA (PARCEL A)

Task Code	Hazardous Waste	WC
Sample ID	Regulatory Levels for	SP3-14-10405
Sample Date	Toxicity Characteristic	1/4/2005
Unit	mg/L	mg/L
SVOCs		
CHLOROFORM	6	0.00083 JT
TCLP METALS		
BARIUM	100	0.0826

QUALIFIERS

J = Result is an estimated value below the reporting limit or a tentatively identified compound (TIC).
T = Compound was found in TCLP Blank

TABLE 8
CATEGORY 3
WASTE CHARACTERIZATION SAMPLE RESULTS
ATLAS PARK IRM AREA (PARCEL A)

Task Code	NYSDEC TAGM	WC	WC	WC	WC
Sample ID	RECOMMENDED	SP3-1	SP3-8-SW-122904	SP3-8-SE-122904	SP3-8-NE-122904
Sample Date	SOIL CLEANUP	10/21/2004	12/29/2004	12/29/2004	12/29/2004
		ug/Kg	ug/Kg	ug/Kg	ug/Kg
VOCS					
ACETONE	200	< 1.9	U	NA	NA
DICHLOROMETHANE	100	< 0.44	U	NA	NA
METHYLBENZENE	1500	< 0.65	U	NA	NA
TETRACHLOROETHENE	1400			NA	NA
SVOCs					
BENZO(A)ANTHRACENE	224	< 49	U	NA	NA
BENZO(A)PYRENE	61	< 44	U	NA	NA
BENZO(B)FLUORANTHENE	220	< 100	U	NA	NA
BENZO(G,H,I)PERYLENE	50000	< 40	U	NA	NA
BENZO(K)FLUORANTHENE	220	< 40	U	NA	NA
CHRYSENE	400	< 45	U	NA	NA
DIBENZO(A,H)ANTHRACENE	14	< 40	U	NA	NA
FLUORANTHENE	50000	71	J	NA	NA
INDEN(1,2,3-CD)PYRENE	3200	< 37	U	NA	NA
PYRENE	50000	60	J	NA	NA
PESTICIDES					
1,1,1-TRICHLORO-2,2-BIS (P-METHOXYPHENYL)ETHANE	10000	2.5	J	NA	NA
4,4'-DDD	2900	< 0.41	U	NA	NA
4,4'-DDE	2100	< 0.47	U	NA	NA
4,4'-DDT	2100	< 0.58	J	NA	NA
ALDRIN	41	< 0.38	U	NA	NA
ALPHA-CHLORDANE	540			NA	NA
BETA - BHC	200	< 0.29	U	NA	NA
CHLORDANE	540	< 0.76	U	NA	NA
DELTA - BHC	300	< 0.11	U	NA	NA
DIELDRIN	44	< 0.34	U	NA	NA
ENDOSULFAN II	900	< 0.18	U	NA	NA
ENDOSULFAN SULFATE	1000	< 0.19	U	NA	NA
ENDRIN KETONE		< 0.15	U	NA	NA
GAMMA-CHLORDANE	540	< 0.098	U	NA	NA
HEPTACHLOR	100	< 0.16	U	NA	NA
HEPTACHLOR EPOXIDE	20	< 0.12	U	NA	NA
PCBS					
AROCLOR - 1248 (PCB-1248)		< 2.9	U	< 2.8	U
AROCLOR - 1260 (PCB-1260)		< 4.3	U	< 4.1	U
				< 2.8	U
				< 4.2	U
				< 2.9	U
				< 4.3	U

TABLE 8
CATEGORY 3
WASTE CHARACTERIZATION SAMPLE RESULTS
ATLAS PARK IIRM AREA (PARCEL A)

Task Code	NYSDEC TAGM	WC	WC	WC	WC
Sample ID	RECOMMENDED	SP3-1	SP3-8-SW-122904	SP3-8-SE-122904	SP3-8-NE-122904
Sample Date	SOIL CLEANUP	10/21/2004	12/29/2004	12/29/2004	12/29/2004
HERBICIDES					
		ND	NA	NA	NA
CYANIDE (TOTAL)		< 28.5 U	NA	NA	NA
MOISTURE		%	%	%	%
		8.2	5.6	4.8	8.5
Total Solids		91.8	94.4	95.2	91.5

NOTES:

- 1) NYSDEC RSCOs obtained from TAGM 4046.
- 2) NYSDEC exceedances are highlighted in **BOLD**.
- 3) Those Category 3 Soils containing exceedances of the TAGM Guidelines were disposed offsite as Category 1 soils.

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)

R = Rejected by Validator, See DUSR report.
 E = Results exceeded the Calibration range. Secondary dilution required
 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.
 A = Concentration originally exceeded the instrument calibration range or below the reporting limit; sample was diluted and re-run for this compound.

TABLE 8
CATEGORY 3
WASTE CHARACTERIZATION SAMPLE RESULTS
ATLAS PARK IRM AREA (PARCEL A)

Task Code	NYSDEC TAGM	WC	WC	WC	WC	WC	WC
Sample ID	RECOMMENDED	SP3-8-NW-122904	SP3-14-10405	SP3-15-012505	SP3-16-012605	SP3-17-012605	SP3-3
Sample Date	SOIL CLEANUP	12/29/2004	1/4/2005	1/25/2005	1/26/2005	1/26/2005	10/22/2004
		ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
VOCS							
ACETONE	200	NA	2	11	11	12	4.1
DICHLOROMETHANE	100	NA	4.1	5	5	5.3	ND
METHYL BENZENE	1500	NA	2	1.9	1.9	1.9	0.42
TETRACHLOROETHENE	1400	NA	2.2	2.1	10	3	0.64
SVOCs							
BENZO(A)ANTHRACENE	224	NA	52	50	48	50	150
BENZO(A)PYRENE	61	NA	47	46	44	45	180
BENZO(B)FLUORANTHENE	220	NA	110	100	99	100	170
BENZO(G,H)PERYLENE	50000	NA	43	41	40	41	160
BENZO(K)FLUORANTHENE	220	NA	43	41	40	41	120
CHRYSENE	400	NA	54	47	45	46	170
DIBENZO(A,H)ANTHRACENE	14	NA	43	41	40	41	51
FLUORANTHENE	50000	NA	120	47	45	46	290
INDENO(1,2,3-CD)PYRENE	3200	NA	39	38	36	38	120
PYRENE	50000	NA	120	51	49	51	280
PESTICIDES							
1,1,1-TRICHLORO-2,2-BIS (P-METHOXYPHENYL)-ETHANE	10000	NA	2.4	2.3	2.3	2.3	4.4
4,4'-DDD	2900	NA	0.44	0.42	0.41	0.42	0.72
4,4'-DDE	2100	NA	0.5	0.48	0.47	0.48	2.6
4,4'-DDT	2100	NA	0.6	0.34	0.33	0.34	1.6
ALDRIN	41	NA	0.41	0.39	0.39	0.39	2.8
ALPHA-CHLORDANE	540	NA	0.13	0.12	0.12	0.12	2.4
BETA-BHC	200	NA	0.31	0.3	0.29	0.29	0.28
CHLORDANE	540	NA	0.31	0.3	0.29	0.29	0.28
DELTA-BHC	300	NA	0.22	0.11	0.11	0.11	0.11
DIELDRIN	44	NA	0.37	0.35	0.35	0.35	0.34
ENDOSULFAN II	900	NA	0.2	0.19	0.18	0.19	0.18
ENDOSULFAN SULFATE	1000	NA	0.2	0.19	0.19	0.19	1.5
ENDRIN KETONE	1000	NA	0.18	0.16	0.16	0.16	0.15
GAMMA-CHLORDANE	540	NA	0.11	0.1	0.098	0.1	3
HEPTACHLOR	100	NA	0.17	0.17	0.16	0.16	0.44
HEPTACHLOR EPOXIDE	20	NA	0.13	0.13	0.12	0.12	0.12
PCBS							
AROCLOR-1248 (PCB-1248)		2.8	3.1	3	2.9	2.9	2.8
AROCLOR-1260 (PCB-1260)		4.2	4.6	4.4	4.3	4.4	4.1

TABLE 8
CATEGORY 3
WASTE CHARACTERIZATION SAMPLE RESULTS
ATLAS PARK IRM AREA (PARCEL A)

Task Code	NYSDEC TAGM RECOMMENDED SOIL CLEANUP	WC SP3-8-NW-122904 12/29/2004	WC SP3-14-10405 1/4/2005	WC SP3-15-012505 1/25/2005	WC SP3-16-012605 1/26/2005	WC SP3-17-012605 1/26/2005	WC SP3-3 10/22/2004
Sample ID							
Sample Date							
HERBICIDES							
		NA	ND	ND	ND	ND	ND
CYANIDE (TOTAL)							
		NA	< 30.9 U	< 28.8 U	< 29.5 U	< 27.7 U	< 27.7 U
MOISTURE							
		% 5.5	% 14.6	% 10.2	% 8.8	% 9.4	% 5.7
Total Solids		94.5	85.4	89.8	91.2	90.6	94.3

NOTES:

- 1) NYSDEC RSCOs obtained from TAGM 4046.
- 2) NYSDEC exceedances are highlighted in **BOLD**.
- 3) Those Category 3 Soils containing exceedances of the TAGM Guidelines were disposed offsite as Category 1 soils.

QUALIFIERS

D^o = 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)

R = Rejected by Validator, See DUSR report.
 E = Results exceeded the Calibration range, Secondary dilution required
 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.
 A = Concentration originally exceeded the instrument calibration range or below the reporting limit; sample was diluted and re-run for this compound.

TABLE 8
CATEGORY 3
WASTE CHARACTERIZATION SAMPLE RESULTS
ATLAS PARK IIRM AREA (PARCEL A)

Task Code	NYSDEC TAGM	WC	WC	WC	WC	WC	WC
Sample ID	RECOMMENDED	SP-3-2	SP-3-5-11-09-04	SP-3-6-11-09-04	SP-3-11-12-2-04	SP-3-121404	SP-12-121704
Sample Date	SOIL CLEANUP	10/22/2004	11/9/2004	11/9/2004	12/2/2004	12/14/2004	12/17/2004
		ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
VOCs							
ACETONE	200	< 1.9 U	4.9 JB	3.6 JB	3.3 JB	8.7 JB	5.1 J
DICHLOROMETHANE	100	3.6 JB	4.4 JB	4.6 JB	4.9 J	8.8 B	3.9 U
METHYLBENZENE	1500	< 0.44 U	0.48 JB	0.46 JB	0.86 JB	0.45 U	1.9 U
TETRACHLOROETHENE	1400	< 0.66 U	0.64 U	0.64 U	0.65 U	0.67 U	2.1 U
SVOCs							
BENZO(A)ANTHRACENE	224	55 J	47 U	47 U	49 U	50 U	48 U
BENZO(A)PYRENE	61	60 JM	43 U	43 U	44 U	45 U	44 U
BENZO(B)FLUORANTHENE	220	99 U	97 U	97 U	100 U	100 U	99 U
BENZO(G,H)PERYLENE	50000	78 JM	39 U	38 U	40 U	41 U	39 U
BENZO(K)FLUORANTHENE	220	86 JM	39 U	38 U	40 U	41 U	39 U
CHRYSENE	400	58 J	44 U	44 U	45 U	46 U	45 U
DIBENZO(A,H)ANTHRACENE	14	39 J	39 U	38 U	40 U	41 U	39 U
FLUORANTHENE	50000	110 J	44 U	50 J	47 J	67 J	45 U
INDENO(1,2,3-CD)PYRENE	3200	36 J	36 U	35 J	37 U	38 J	36 U
PYRENE	50000	110 J	48 U	50 J	50 U	61 J	49 U
PESTICIDES							
1,1,1-TRICHLORO-2,2-BIS (P-METHOXY)PHENYLETHANE	10000	< 2.3 U	2.2 U	2.2 U	2.3 U	2.6 J	2.3 U
4,4'-DDD	2900	< 0.42 U	0.4 U	0.4 U	0.41 U	0.56 J	0.42 U
4,4'-DDE	2100	1.8 J	0.45 U	0.45 U	0.96 J	2.8 J	1 J
4,4'-DDT	2100	1 J	0.32 U	0.32 U	0.93 JM	4.9 J	0.51 J
ALDRIN	41	2.2	0.37 U	0.37 U	1.8 J	0.39 U	0.39 U
ALPHA-CHLORDANE	540	4.7	0.12 U	0.39 J	0.29 U	0.12 U	0.12 U
BETA-BHC	200	0.3 U	0.28 U	0.28 U	0.29 U	0.45 J	0.29 U
CHLORDANE	540						
DELTA-BHC	300	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
DIELDRIN	44	0.35 U	0.34 U	0.33 U	0.35 U	0.35 U	0.35 U
ENDOSULFAN II	900	< 0.19 U	0.18 U	0.18 U	0.18 U	0.19 U	0.19 U
ENDOSULFAN SULFATE	1000	0.19 U	0.18 U	0.18 U	0.19 U	0.19 U	0.19 U
ENDRIN KETONE		< 0.16 U	0.15 U	0.15 U	0.15 U	0.16 U	0.16 U
GAMMA-CHLORDANE	540	2.9 J	0.095 U	0.21 J	0.098 U	0.1 U	0.099 U
HEPTACHLOR	100	0.58 J	0.16 U	0.16 U	0.16 U	0.17 U	0.16 U
HEPTACHLOR EPOXIDE	20	0.2 J	0.12 U	0.12 U	0.12 U	0.13 U	0.12 U
PCBS							
AROCLOR - 1248 (PCB-1248)		< 2.9 U	2.8 U	2.8 U	21 U	3 U	2.9 U
AROCLOR - 1260 (PCB-1260)		7 J	4.2 U	5.3 JM	4.3 U	4.4 U	4.4 U

TABLE 8
CATEGORY 3
WASTE CHARACTERIZATION SAMPLE RESULTS
ATLAS PARK IIRM AREA (PARCEL A)

Task Code	NYSDEC TAGM	WC	WC	WC	WC	WC	WC						
Sample ID	RECOMMENDED	SP-3-2	SP-3-5-11-09-04	SP-3-6-11-09-04	SP-3-11-12-2-04	SP-3-121404	SP-13-121704						
Sample Date	SOIL CLEANUP	10/22/2004	11/9/2004	11/9/2004	12/2/2004	12/14/2004	12/17/2004						
HERBICIDES		ND	ND	ND	ND	ND	ND						
CYANIDE (TOTAL)		31.6	B	< 27.5	U	< 28.2	U	< 28.5	U	< 28.8	U	< 28.8	U
		%		%		%		%		%		%	
MOISTURE		9.2		6.9		5.7		8.3		10.3		9.3	
Total Solids		90.8		93.1		94.3		91.7		89.7		90.7	

NOTES:

- 1) NYSDEC RSCOs obtained from TAGM 4046.
- 2) NYSDEC exceedances are highlighted in **BOLD**.
- 3) Those Category 3 Soils containing exceedances of the TAGM Guidelines were disposed offsite as Category 1 soils.

TABLE 9
IRM SITE INVESTIGATION
SOIL SAMPLES SERVING AS AREA-WIDE ENDPOINT SAMPLES
ATLAS PARK - IRM AREA

IRM Soil Boring ID	Grade Elevation (ft)	Track 1 Endpoint Sample Depth (ft bgs)	Track 1 Endpoint Sample Elevation (ft)
B-2	83	3 to 5	80
B-3	79	5 to 10	74
B-4	77	0 to 5	77
B-5	76	5 to 7	71
B-11	73	3 to 5	70
B-12(OW)	71	7 to 9	64
B-13(OW)	77	12 to 14	65
B-14	78	3 to 5	75
B-15	84	10 to 12	74
B-17	74	5 to 7	69
B-18	74	5 to 7	69
B-19	73	5 to 7	68
B-21	74	11 to 13	65
B-22	70	5 to 7	65
B-23	71	3 to 5	68
B-24	73	9 to 11	66
B-25	73	7 to 9	68
B-26	73	5 to 7	68
B-27	73	0 to 2	73
B-28(OW)	77	5 to 7	72
B-29	77	15 to 17	62
B-30	73	13 to 15	60
B-31	75	10.5 to 12.5	67
B-32	83	5 to 7	78
B-33	77	0.5 to 2.5	77
B-34	77	12.5 to 14.5	65
B-35	83	23 to 25	70
B-36	83	3 to 5	80
B-37	81	10 to 12	71
B-39	82	1 to 3	81
B-40	82	5 to 7	78
B-41	74	15 to 17	59
B-42	74	18 to 20	56
B-43	75	7 to 9	68
B-44	74	5 to 7	69
B-54	76	5 to 7	71
B-56(OW)	71	3 to 5	68

Notes:

- 1) See IRM Site Investigation Report for sample analytical data.
- 2) See Figures 5 through 8 for soil boring locations and posted elevations.
- 3) See Figure 10 (cross-sections) for selected borings/samples shown.

TABLE 10
SAMPLE INVENTORY
FOR
SOIL GAS SAMPLES
BUILDINGS 4 AND 6

LOCATION	SAMPLE ID	SAMPLE DESCRIPTION	SAMPLE DATE	SDG NUMBER-LAB SAMPLE ID
BUILDING 4	SG-BLDG4-E	soil gas	4/25/2005	SA27062-04
	SG-BLDG4-OA	soil gas	4/25/2005	SA27062-07
	SG-BLDG4-W	soil gas	4/25/2005	SA27062-05
	SG-BLDG6-C	soil gas	4/25/2005	SA27062-02
BUILDING 6	SG-BLDG6-E	soil gas	4/25/2005	SA27062-03
	SG-BLDG6-OA	soil gas	4/25/2005	SA27062-06
	SG-BLDG6-W	soil gas	4/25/2005	SA27062-01

NOTES:

- 1) These samples were analyzed for VOCs via Method TO-15.
2) See Appendix E, CD1 for full validated sample results.
3) Refer to CD3 according to SDG number for the original lab reports.

TABLE 11
SOIL VAPOR SAMPLE RESULTS
BUILDINGS 4 AND 6
ATLAS PARK - PARCEL A

Location ID Sample ID Unit	BLDG_4 SG-BLDG4-E		BLDG_4 SG-BLDG4-OA		BLDG_4 SG-BLDG4-W		BLDG_6 SG-BLDG6-C	
	ppbv	ug/m3	ppbv	ug/m3	ppbv	ug/m3	ppbv	ug/m3
Chemical Name								
1,1,1-TRICHLOROETHANE	15.8	86.21	0.2	2.73	31.2	170.23	7.94	43.32
1,1-DICHLOROETHANE	4.8	40.49	0.24	2.02	4.8	39.67	0.48	3.97
1,3-BUTADIENE	7.6	22.09	0.38	1.1	7.6	22.09	1.08	2.39
2-BUTANONE (METHYL ETHYL KETONE)	10.6	31.26	0.55	1.62	4.8	29.49	6.88	20.29
4-METHYL-2-PENTANONE	3.6	40.98	0.18	2.05	3.6	40.98	1.84	7.54
ACETONE	51.2	121.67	2	4.75	28.8	68.44	15	35.64
BENZENE	4.4	31.9	0.22	1.6	4.4	31.9	0.44	3.19
BROMODICHLOROMETHANE	4	66.99	0.2	3.35	4	66.99	0.4	6.7
CARBON DISULFIDE	2.6	31.12	0.13	1.56	2.6	31.12	1.24	3.86
CFC-11	1450	8,148.47	0.24	2.81	539	3,028.98	354	1,989.35
CFC-12	66.2	327.34	0.55	2.72	47.4	234.38	1.18	5.83
CHLOROFORM	4.6	48.67	0.23	2.43	4.6	48.67	18.2	88.58
DICHLOROMETHANE	4.4	34.72	0.22	1.74	4.4	34.72	0.44	3.47
ETHANOL	17.4	32.81	3.07	5.79	19.2	36.2	15.6	29.41
ETHYL ACETATE	5.4	36.03	0.27	1.8	5.4	36.03	0.54	3.6
HEXANE	4.2	35.26	0.21	1.76	4.2	35.26	0.42	3.53
ISOPROPYL ALCOHOL	4.8	24.54	0.24	1.23	4.8	24.54	2.56	6.28
METHYL N-BUTYL KETONE	7	40.98	0.35	2.05	7	40.98	0.7	4.1
METHYLBENZENE	3	37.63	0.51	1.92	3	37.63	0.3	3.76
N-HEPTANE	5.8	40.98	0.29	2.05	5.8	40.98	0.58	4.1
PROPYLENE (PROPENE)	66.8	114.97	0.74	1.27	14.2	24.44	13.9	23.92
TETRACHLOROETHENE	56.6	383.82	0.13	3.39	1440	9,764.91	59.5	403.48
TRICHLOROETHYLENE	3	53.74	0.5	2.81	75.2	404.14	97.3	522.91
XYLENE (TOTAL)	9.8	45.35	0.49	2.17	9.8	43.35	0.98	4.34

NOTES:

ppbv = parts per billion by volume

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

TABLE 11
SOIL VAPOR SAMPLE RESULTS
BUILDINGS 4 AND 6
ATLAS PARK - PARCEL A

Location ID Sample ID Unit	BLDG_6 SG-BLDG6-E		BLDG_6 SG-BLDG6-OA		BLDG_6 SG-BLDG6-W	
	ppbv	ug/m3	ppbv	ug/m3	ppbv	ug/m3
Chemical Name						
1,1,1-TRICHLOROETHANE	40.5	220.97	< 0.2	< 2.73	9.2	50.2
1,1-DICHLOROETHANE	3.44	13.93	< 0.24	< 2.02	1.2	12.36
1,3-BUTADIENE	9.94	21.95	< 0.38	< 1.1	2.55	5.63
2-BUTANONE (METHYL ETHYL KETONE)	7.36	21.7	< 0.24	< 1.47	6.1	17.99
4-METHYL-2-PENTANONE	2.66	10.9	< 0.18	< 2.05	0.9	10.25
ACETONE	19.4	46.1	6.21	14.76	20.3	48.24
BENZENE	2.3	7.34	< 0.22	< 1.6	1.1	7.98
BROMODICHLOROMETHANE	< 0.4	< 6.7	< 0.2	< 3.35	5.3	35.51
CARBON DISULFIDE	2.86	8.9	< 0.13	< 1.56	0.65	7.78
CFC-11	176	989.06	0.65	3.65	96	539.48
CFC-12	1.72	8.51	0.56	2.87	1.4	12.36
CHLOROFORM	4.18	20.34	< 0.23	< 2.43	145	705.73
DICHLOROMETHANE	< 0.44	< 3.47	< 0.22	< 1.74	3.6	12.5
ETHANOL	13.3	25.08	7.97	15.03	22.7	42.8
ETHYL ACETATE	0.54	< 3.6	0.51	1.84	1.35	9.01
HEXANE	4.16	14.67	1.49	5.25	1.05	8.81
ISOPROPYL ALCOHOL	3.24	7.95	0.71	1.74	3.35	8.22
METHYL N-BUTYL KETONE	1.02	4.18	< 0.35	< 2.05	1.75	10.25
METHYLBENZENE	3.76	14.15	2.29	8.62	0.75	9.41
N-HEPTANE	2.52	10.33	< 0.29	< 2.05	1.45	10.25
PROPYLENE (PROPENE)	96.8	166.6	1	1.72	22.4	38.55
TETRACHLOROETHENE	20.8	141.05	1.09	7.39	350	2,373.42
TRICHLOROETHYLENE	25	134.36	0.15	2.69	56.2	302.03
XYLENE (TOTAL)	< 0.98	< 4.34	< 1.4	< 6.07	2.45	10.84

NOTES:

ppbv = Parts per billion by volume

U = Analyte was not detected at or above the rep

Table 12
SUMMARY OF PCE, TCE, and cis-DCE DETECTIONS IN SOIL
ATLAS PARK - PARCEL A

Sample ID	Sampling Date	PCE (ug/kg)	TCE (ug/kg)	cis-DCE (ug/kg)	Other (ug/kg)
SP-ADE-051205 (4)	5/12/2005	361	-	-	-
SP-ADE-051205 (3)	5/12/2005	308	-	-	-
TP-9-110104	11/1/2004	200	2.3 J	-	-
SW-L1-042105	4/21/2005	187	-	-	-
DUP-4-042105 duplicate of	4/21/2005	74	-	-	-
EP-SW-13-122904	12/29/2004	37	-	-	-
TP-15-102704	10/27/2004	30	-	-	-
TP-K9-110104	11/1/2004	29	-	-	-
TP-L9-110104	11/1/2004	19	3 J	-	-
EP-L6-012505	1/26/2005	18	-	-	-
TP-L8-110104	11/1/2004	16	1.4 J	-	-
ZL-BOT-042105	4/21/2005	12.6	-	-	-
TP-16-102704	10/27/2004	11	-	-	-
SP-3-16-012605	1/26/2005	10	-	-	-
ZL-SSW-042205	4/22/2005	9.6	-	-	-
TP-B-110104	11/1/2004	9	-	-	-
ZL-NSW-031805	3/18/2005	8.2	-	-	-
SP-1-1-012505	1/25/2005	7.9	2 J	-	-
SP-1-3-012505	1/25/2005	7.7	-	-	-
ZL-VSW-042205	4/22/2005	7.4	-	-	-
EP-SW-13-012005	1/20/2005	7	-	-	-
GAR-F-040105	4/1/2005	6.9	-	-	-
SP-1-2-012505	1/25/2005	6.9	-	-	-
SW-L7-013105	1/31/2005	6.7	-	-	-
DUP-3-042105 duplicate of	4/21/2005	6.7	-	-	-
SP-ZB-110404	11/4/2004	6.3 J	13	-	-
TP-K8-110104	11/1/2004	5.7	-	-	-
ZL-NSW-042205	4/22/2005	5	-	-	-
GAR-E-040105	4/1/2005	4.8 J	-	-	-
GAR-D-040105	4/1/2005	4.2 J	-	-	-
EP-K5-011305	1/13/2005	4.1 J	-	-	-
GAR-F2(5)-040105	4/1/2005	3.9 J	-	-	-
GAR-E2(5)-040105	4/1/2005	3.3 J	-	-	-
SP-3-17-012605	1/26/2005	3 J	-	-	-
EP-L10-022405	2/24/2005	2.9 J	-	-	-
IS-2B-DECI-121704	12/17/2004	2.9 J	-	-	-
EP-J9-12-13-04	12/13/2004	1.2 J	-	-	-
SP-2C-102904	10/29/2004	1.1 J	15	-	-
EP-R8-051705	5/17/2005	0.9 J	-	-	-
EP-H5-111504	11/15/2004	0.76 J	-	-	-
SP-ADE-051205 (1)	5/12/2005	0.6 J	-	-	-
SP-ZE-12-13-04	12/13/2004	-	-	-	2.8 J
Interim Remedial Measures Site Investigation					
B-2(3-5)	2/7/2004	1	-	-	-
B-3(5-5)	2/12/2004	13	0.6	-	-
B-5(5-5)	2/13/2004	6	0.7	5	-
B-5(5-10)	2/13/2004	1	0.7	0.6	-
B-8(3-5)	2/3/2004	-	2	-	-
B-2(11-3)	2/21/2004	6	-	-	-
B-26(3-5)	2/6/2004	-	48	-	-
B-26(5-7)	2/6/2004	-	0.9	-	-
B-26(15-17)	2/6/2004	-	1	-	-
B-28(3-5)	2/10/2004	-	2	-	-
B-28(5-7)	2/10/2004	-	0.7	0	-
B-29(3-5)	2/13/2004	3	-	-	-

Table 12
SUMMARY OF PCE, TCE, and cis-DCE DETECTIONS IN SOIL
ATLAS PARK - PARCEL A

B-31(2.5-4.5)	1/21/2004	4	-	-
B-31(6.5-8.5)	1/21/2004	2	-	-
B-31(12.5-14.5)	1/21/2004	0.8	-	-
B-32(3-5)	2/20/2004	120	40	-
B-33(5-2.5)	2/6/2004	5	-	-
B-35(1-3)	2/17/2004	0.8	-	-
B-35(3-5)	2/17/2004	3	-	-
B-39(1-3)	2/2/2004	37	4	2
B-39(5-7)	2/2/2004	1	-	-
B-40(1-3)	2/4/2004	5	0.7	-
B-43(1-3)	2/4/2004	-	-	1
B-43(7-9)	2/4/2004	0.6	-	-
B-44(1-3)	1/22/2004	1	35	-
Pre-IRM Field Investigation				
TP12-E	6/30/2004	1	0.4	-
TP12-W	6/30/2004	4	28	-
TP12-S	7/2/2004	6	1	-
TP4-E	7/1/2004	5	-	-
TP4-W	7/1/2004	7	-	-
TP26-N	6/30/2004	-	0.7	-
TP26-S	6/30/2004	-	0.4	-
TP26-W	6/30/2004	-	0.6	-
TP32-E	7/1/2004	4	-	-
TP32-N	7/2/2004	12	-	-
TP32-S	7/2/2004	3	-	-
TP32-W	7/2/2004	1	-	-
TP39-N	7/1/2004	3	-	-
TP39-S	7/1/2004	1	-	-
TP39-E	7/1/2004	0.9	-	-
TP39-W	7/1/2004	1	-	-
TP17-S	6/30/2004	3	-	-
TP17-E	6/30/2004	1	-	-
TP17-W	6/30/2004	2	-	-
TP-DUP-1	7/2/2004	2	3	-
TP-DUP-2	7/2/2004	2	-	-
Limited Phase II Site Investigation (Metcalfe & Eddy)				
SB-4-S1(1-1.5)	1/25/2002	-	8	-
SB-12-S1(3-4)	1/23/2002	7	195	-
SB-17-S6(10-11)	1/21/2002	34	-	-
Notes:				
ug/kg = micrograms per kilogram				
J = Result is an estimated value below the reporting limit.				

Table 12
SUMMARY OF PCE, TCE, AND cis-DCE DETECTIONS IN SOIL (TCLP) AND GROUNDWATER
ATLAS PARK - PARCEL A

Soil Sample ID	Sample Date	PCE (ug/L)	TCE (ug/L)	cis-DCE (ug/L)
Remedial Action Activities				
SP-ADE-051205 (3)	1/20/2005	ND	ND	ND
SP-ADE-051205 (4)	1/20/2005	ND	0.014	ND
SP-212-032105(2)	3/21/2005	ND	0.00098 J	ND
Groundwater Sample ID	Sample Date	PCE (ug/L)	TCE (ug/L)	cis-DCE (ug/L)
MW-28-022604	2/26/2004	11	1 J	ND
MW-28-033004	3/30/2004	23	2 J	ND
MW-20-082304	8/23/2004	4	20	2 J
MW-12-021804	2/18/2004	1 J	1 J	ND
DUP-GW-1 (duplicate of MW-12-021804)	2/18/2004	0.9	1	ND
MW-12-102504	10/25/2004	3.1 J	3 J	ND
MW-13-021904	2/19/2004	ND	ND	ND
MW-56-031704	3/17/2004	2	2	2
MW-56-102504	10/25/2004	2.1 J	6.1	ND
MW-DUP-102504 (duplicate of MW-56-102504)	10/25/2004	3.5 J	3.3 J	ND

Notes:
 ug/L = micrograms per liter
 J = Result is an estimated value below the reporting limit.
 Bold entry exceeds NYSDEC AWQS.

Table 12
SUMMARY OF PCE, TCE, AND cis-DCE DETECTIONS IN SOIL VAPOR
ATLAS PARK - PARCEL A

Sample ID	Sampling Date	PCE (ug/m3) (NYSDOH = 100 ug/m3)	TCE (ug/m3) (NYSDOH = 6 ug/m3)	cis-DCE (ug/m3) (NYSDOH = 6 ug/m3)
Remedial Action Activities				
SG-BLDG6-W	4/25/2005	2372	302	-
SG-BLDG6-C	4/25/2005	403	523	-
SG-BLDG6-E	4/25/2005	142	134	13.63
SG-BLDG4-W	4/25/2005	9762	404	-
SG-BLDG4-E	4/25/2005	384	ND	-
Interim Remedial Measures Site Investigation				
B-52 / SG-8	7/15/2004	4.6	ND	-
B-53 / SG-9	7/15/2004	14	3.2	-
B-54 / SG-10	2/13/2004	450	-	-
Notes:				
ug/m3 = micrograms per cubic meter				
NYSDOH = Guidance for Evaluating Soil Vapor Intrusion in the State of New York, February 2005, Draft Document (Section 3.4).				