WEST 34TH STREET AND 11TH AVENUE SITE
NEW YORK, NEW YORK

Partial Final Engineering Report
Area A (Outside of Amtrak Easement)

NYSDEC BCP Number: C231049

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LIST OF ACRONYMS

Acronym	Definition
ASTM	American Society of Testing and Materials
BCA	Brownfield Cleanup Agreement
BCP	Brownfield Cleanup Program
BTEX	benzene, toluene, ethyl benzene and xylene
CAMP	Community Air Monitoring Plan
COC	Certificate of Completion
ECs	engineering controls
EPA	Environmental Protection Agency
FER	Final Engineering Report
FLS	Fleming-Lee Shue, Inc.
ft bg	feet-below grade
HASP	Health and Safety Plan
ICs	institutional controls
MSL	mean sea level
MTBE	methyl-tert-butyl ether
NYCRR	New York City Rail Road
NYS	New York State
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
O&M	operation and maintenance
PAHs	polycyclic aromatic hydrocarbons
PCBs	polychlorinated biphenyls
PCE	tetrachloroethylene
ppb	parts per billion
ppm	parts per million
RAWP	Remedial Action Work Plan
RI	Remedial Investigation
RSCOs	Recommended Soil Cleanup Objectives
SCG	Soil, Criteria and Standards
SMP	Site Management Plan
SoMP	Soil Management Plan
SVOCs	semi-volatile organic compounds

TAGM	Technical and Administrative Guidance Memorandum #4046
TAL	Target Analyte List
TCL	Target Compound List
TICs	tentatively identified compounds
TOGS	Technical & Operational Guidance Series
USTs	underground storage tanks
VOCs	volatile organic compounds

DRAFT Final Remedial Engineering Report
Area A (Outside of Amtrak Easement)

1.0 BACKGROUND

Meushar 34th Street, LLC (the "Volunteer") entered into a Brownfield Cleanup Agreement (BCA) with the New York State Department of Environmental Conservation (NYSDEC) in January 2005 to investigate and remediate an approximately one-acre property located in the borough of Manhattan, New York, New York. The property is identified as Block 706 and Lot 1 on the New York City Tax Map (the "Site"). An easement for the National Railroad Passenger Corporation's (Amtrak's) Empire Line is present on the site. The portion of the Site outside of the Amtrak easement is hereafter referred to as Area A and the Amtrak easement as Area B, as further described below. A Track 1, unrestricted-use remediation is being implemented the property.

Between September 2007 and March 2008, Arnold F. Fleming, P.E./Fleming-Lee Shue, Inc. (collectively, "FLS") oversaw the remediation of Area A. Within Area A, all material was removed to bedrock and backfilled with material meeting the Track 1 Unrestricted Use Soil Cleanup Objectives (UUSCOs). This was completed in accordance with the NYSDEC-approved June 2007 Remedial Action Work Plan (RAWP).

Currently, Area A has been leased to the Metropolitan Transportation Authority (MTA) as part of the extension of the No. 7 subway line. After the completion of No. 7 subway line tunnel and construction of the on-Site station, the site will be redeveloped as a commercial/residential building of approximately 79 stories. Refer to Section 1.2 for additional details.

Concurrently with the construction of the No. 7 subway line, the investigation and remediation of the Amtrak easement will be conducted. A proposed schedule of the remaining steps to achieve a Track 1 remediation across the entire Site (Areas A and B) is included as Appendix A. Following the completion of these tasks, an Area B-specific Partial FER will be submitted to NYSDEC detailing the investigation and remediation in Area B. Once both Partial FERs are approved, FLS will request that NYSDEC issue a Certificate of Completion (COC) for the Site.

A digital copy of this Draft FER for Area A is included in Appendix B. Digital copies of previously-submitted Brownfield Cleanup Program (BCP) reports and NYSDEC's approval letters are included in Appendix C. Reports previously submitted under the BCP include:

- June 2007 Remedial Investigation Report (RIR) (approved by NYSDEC in a letter dated August 15, 2007)
- June 2007 RAWP (approved by NYSDEC in a letter dated August 16, 2007)

1.1 Site Location and Description

The Site is located in the County of New York, New York City, New York and is identified as Block 706 and Lot 1 on the New York City Tax Map. A Site Location Map and Site Plan are included as Figures 1 and 2, respectively. The Site is situated on an approximately 1.02-acre area bounded by West 35th Street to the north, West 34th Street to the south, residential buildings and warehouses to the east, and 11th Avenue to the west. A public park is located across West 35th Street, a vacant lot and a shipping facility are located across West 34th Street and the Jacob K. Javits Convention Center (Javits Center) is located across 11th Avenue. A bulkhead wall and part of the 11th Avenue bridge covering the Amtrak tracks beneath cross from the southwest corner to the northwest portion of the Site. A structural pier supporting the wall and bridge extends east of the wall, into the southwest portion of the Site. The bulkhead wall divides the Site into two separate areas. The larger area, hereafter referred to as Area A, lies east of the bulkhead wall. The smaller area, Area B, (also referred to as "the Amtrak easement") lies west of the bulkhead wall beneath the 11th Avenue bridge structure. The boundary map attached to the BCA is included in Appendix D. The 1.02-acre property is fully described in Appendix E – Metes and Bounds. A global positioning system coordinate for the starting point is included.

This Partial FER addresses remedial activities conducted on Area A. Due to scheduling with Amtrak, the New York City Department of Transportation (NYCDOT) and the Jacob K. Javits Convention Center (Javits Center), remediation of Area B is still pending. At this time, the NYCDOT is preparing to award a contract (# HBM1120) for the rehabilitation of the portion of the 11th Avenue bridge structure that spans the Hudson Rail Yards (between West 30th and West 33rd Street). This bridge rehabilitation will

prohibit the Volunteer from accessing the Area B through the truck marshaling yard, which is administered by the Javits Center. Within the Amtrak easement, it is expected that investigative activities will be completed in early 2009 and remedial activities will commence in early 2011. Completion of the remediation in Area B will be addressed in a future Partial FER.

1.2 Contemplated Redevelopment Plan

The Volunteer intends to use the existing Site in order to both create access for the construction of the 34th Street station of the No. 7 subway extension and construct a high-rise mixed-use building.

The No. 7 subway tunnel will be located within the bedrock zone outside the Site boundaries. Access for construction is being provided through a 38-foot by 24-foot shaft currently constructed within the Site's boundaries. The subway tunnel waiting area will be constructed under 11th Avenue starting approximately 90 feet below grade (ft-bg), extending approximately 60 feet into bedrock. The shaft will extend to a depth of approximately 120 feet below grade (approximately 90 feet into rock), proceeding west to the location of the subway tunnel. This shaft will be used to remove rock from the tunnel and waiting area beyond the Site, and will provide access to bring in materials to construct the tunnel and station. The subway station, which will contain the main entrance and ticketing level, will be present on-Site to a depth of approximately 40 feet below grade. A portion of the subway station will extend to approximately 50 feet below grade (approximately 10 to 20 feet into bedrock) to allow for escalator operation. Proposed development plans for the No. 7 subway station are included in Appendix F.

Due to the construction of the No. 7 subway station, construction of the proposed building is anticipated to be completed in 2016. Details of the proposed building are based on the results of two zoning studies of the Site. The proposed 79-story building will occupy the entire Site with a footprint of approximately 46,900-square feet. One to two below-grade floors will be constructed for parking, storage or mechanical rooms. The first floor will likely include lobbies, retail, loading docks and entrances to the No. 7 subway ticketing level. Parking entry or mechanical uses may also be present on the first floor. It is anticipated that the upper floors will be used for a combination of office, residential, hotel, retail, parking and support spaces. The bulkhead wall and structural

pier that support 11th Avenue, and separate the basement from the Amtrak line, will remain. More detailed development plans for the mixed-use building are under being prepared and include a residential component.

The Site appears on the City of New York Department of City Planning Zoning Map 8b. According to this map, the property is designated C6-3, which is designated as a general central commercial district. The New York City Department of Environmental Protection (NYCDEP) has placed an "e" designation on this Site. Development of an "e" designation site requires NYCDEP approval prior to issuance of a permit by the New York City Department of Buildings (NYCDOB).

The parcel of land was previously zoned for general commercial use and was rezoned as part of a larger, City-led, rezoning project for the Hudson Yards District in Manhattan, New York. The rezoning was designed to allow the area to be developed for commercial and residential uses. The Site is located within the Large-Scale Plan Sub-district in the Four Corners Sub-area. The Hudson Yards District Rezoning was completed in January 2005.

1.3 Description of Surrounding Property

The surrounding property to the north is a small public park which is currently being demolished as part of the No. 7 subway line extension. Surrounding properties to the east on 35th Street are developed with a 4-story art gallery (Splashlight Studios), a ground-floor refrigerant distribution center and warehouse (ABBCO) with residential space above, a food storage center, and a light and fixture warehouse for film production. Surrounding properties to the east on 34th Street include a six-floor residential building with 25 units and a three-story parking garage. To the west of the Site is the Javits Center. Southwest of the site is an unpaved truck marshaling yard controlled by NYCDOT. The surrounding properties to the south are a vacant lot (formerly the Copacabana Night Club) and a distribution center for Federal Express (FedEx).

1.3.1 Sensitive Receptors

As detailed in the June 2007 *Qualitative Human Health Exposure Assessment/ Environmental Assessment* (QHHEA/EA), the closest environmental sensitive receptor is the Hudson River, located approximately 1,100 feet west of the Site.

2.0 SITE BACKGROUND

The Site is located very close to the original shoreline of the Hudson River, which was just across what is now 11th Avenue; however, prior to 1865, the Hudson River was filled in to the West Side Highway. The Site has been developed with a variety of commercial, residential, and manufacturing facilities since approximately 1890.

2.1 Geology

The Site is mapped on the *40074-G1 Weehawken, NJ-NY* Quadrant 7.5 Minute Topographic Map, published by the United States Geological Survey (USGS) (Figure 1). Review of the topographic map revealed that the site is located approximately 20 feet above sea level (ft-msl, USGS).

The following geologic information was obtained based on field observations, as well as information provided by EnviroTrac, Ltd. of Yaphank, New York (EnviroTrac) and Parsons Brinckerhoff (PB) of New York, New York, as detailed in Sections 2.3 and 2.4.

The generalized subsurface profile consists of fill overlying sand deposits, with bedrock at depths between 13 and 42 feet below grade (ft-bg). Descriptions of each soil stratum are given below.

Fill

Fill material was encountered in 23 of a total 25 borings conducted at the Site. The fill consists of brown, black grey and tan sands with some silts, gravel, concrete, brick fragments, rocks and cinders. The fill thickness ranges from about 5 to 20 ft-bg.

Sand and Silt

A native sand layer was generally encountered below the fill material. The sand layer consists of brown, reddish brown, black and grey, coarse to fine sand with varying amounts of silt and clay. The thickness of these native Holocene-epoch soils ranged up to 32 feet.

Bedrock

Bedrock was encountered in each soil boring and across the site during excavation activities. Bedrock consisted of wide-fractured, hard mica schist with some layers of

pegmatite and amphibolite. Bedrock was found at depths ranging from about 13 to 42 ft-bg. In the one geotechnical boring, the bedrock was reported as weathered to 59 ft-bg. Core recoveries ranged from 96 to 100 percent, averaging 99.6 percent. Rock Quality Designation values ranged from 80 to 100 percent, averaging 97 percent, indicating good-to-excellent quality rock. As expected, bedrock appears to be shallowest at the east end of the Site and slopes downward to the west toward the Hudson River.

2.2 Hydrogeology

The Site-specific hydrogeologic information was obtained from field observations, EnviroTrac's Subsurface Investigation Report, dated September 9, 2006, and PB's Phase II Environmental Site Investigation, dated April 2006. Further discussion of groundwater monitoring conducted as part of the RI is provided in Section 2.4.

General Hydrology

Groundwater is generally contained within the unconsolidated geologic materials and the fractured bedrock. The upper surface of the groundwater reservoir is marked by the groundwater-table surface, which fluctuates seasonally in response to precipitation events, local usage demands and tidally along the shorelines. Based on similar depths measured to both groundwater and bedrock, the groundwater detected in the unconsolidated zone may be perched water and not reflective of the true groundwater-table surface.

Groundwater in the New York City area is not used as a potable (drinking) water source. New York City residents receive their drinking water supply from surface reservoirs located in upstate New York.

In most locations throughout Manhattan, the configuration of the water-table surface generally follows the local topography. Groundwater generally flows from areas of higher to lower topographic elevation or from inland areas to the shorelines. The topography of the Site dips from the west to the east; however, the Site topography has been altered to line up with the bridge structure that supports 11th Avenue. Therefore, the topography of the Site cannot be used to determine the groundwater flow direction. The bedrock at the Site is a better indicator of the original topography at the Site. As detailed in Section 2.1, the bedrock slopes westward towards the Hudson River. The topography

of the surrounding area also slopes towards the Hudson River. Therefore, the groundwater flow direction, on average, beneath the Site can be inferred to flow in a westerly direction towards the Hudson River. Underground utilities, such as sewer, water and steam pipes, and other subsurface manmade objects may locally impede and redirect the natural groundwater flow, or if the water or sewer lines leak, may cause localized mounding of the groundwater-table.

Based on observations during the Remedial Action, the groundwater represents a perched condition. These observations are supported by the findings of previous investigations (detailed in Section 2.4), as discussed below.

EnviroTrac (June and July 2005)

The groundwater sampling conducted at the Site indicated a perched water condition. EnviroTrac collected two groundwater samples from temporary points, both of which contained less than 0.5 feet of water, and one of which yielded only enough water for the analysis of volatile organic compounds (VOCs). Groundwater was not encountered at the other five borings installed during this investigation. Further, of the nine permanent groundwater monitoring wells installed at the site, the reported measured groundwater interface was below the top of bedrock in five wells. Three of the remaining four wells were located either to the northwest or southwest of the Site in areas where bedrock was observed to dip downwards in comparison to the elevation on-Site. The groundwater was within two feet of the top of bedrock in the remaining well.

PB (September through November 2005)

The groundwater sampling conducted by PB indicated similar conditions. Of the ten on-Site advanced to bedrock, only four borings exhibited evidence of groundwater. PB attempted to collect a groundwater sample from a temporary point in one of the borings, but the yield was not great enough. In addition, groundwater was not present in one monitoring well that had been sampled by EnviroTrac earlier in the year. The depth-to-water measurements for the PB investigation were not available.

During the Remedial Action, groundwater was not detected at the Site, at depths up to 42 ft-bg. While some water was present in the northwestern and southwestern areas of the Site, the sources were confirmed to be leaking water pipes. Based on the available

information, any groundwater at the site is in a perched condition with some seasonal variation.

Site Groundwater Elevations

EnviroTrac and PB measured groundwater at depths between 17 and 32 ft-bg. Due to the altered Site topography, depth-to-water measurements do not accurately represent the Site groundwater elevations. Groundwater table elevations, which account for changes in Site topography, vary approximately 20 feet across the Site. One monitoring well, MW-4, appears to have an anomalously low reading, which may be due to groundwater depression or a measurement error (e.g., an incorrect survey reading). The groundwater table elevations vary approximately 13 feet across the Site. The groundwater table elevations confirm that the net groundwater flow is generally towards the west and northwest.

Surface Water

No surface water bodies exist on the Site. The closest surface water body is the Hudson River, located approximately 1,100 feet west of the Site.

2.3 Summary of Phase I Environmental Site Assessments (Phase I ESAs)

The following is a summary of the information detailed in FLS' June 2007 Remedial Investigation Report (RIR), provided in Appendix C. In June 2004, Phase I Environmental Site Assessments (ESAs) were prepared by EnviroTrac and PB. The two Phase I ESAs were performed as part of a due diligence effort by the former Site owner and as part of the investigations for the No. 7 subway extension, respectively. Both EnviroTrac and PB conducted Phase II Environmental Site Investigations (ESIs) based on the findings and conclusions of their Phase I ESAs. All work was conducted in Area A. A summary of the Phase I ESA findings is included in Section 2.3 and a summary of the Phase II ESIs is included in Section 2.4.

2.3.1 Parsons Brinkerhoff Phase I ESA (June 2004)

The following Recognized Environmental Conditions (RECs) were identified in the PB June 8, 2004 Phase I ESA:

- The Site is located in an area primarily characterized by industrial, transportation, manufacturing, commercial, and limited residential uses.

Review of historic Sanborn Fire Insurance Maps identified RECs at the Site including an unknown type of factory, a blacksmith; a welding facility; a garage with gasoline tanks and a motor freight station.

- The following uses on surrounding properties were identified as RECs: a factory, a machine shop, a U.S. Post Office with buried gasoline tanks, a motor freight station and a Federal Express facility with fuel oil and gasoline tanks across 34th Street; a paper imaging company and an iron works adjacent to the east of the Site; and a foundry, multiple factories, a garage with buried gasoline tanks and a used auto parts facility across 35th Street.

- The Site was constructed on formerly inundated land that was filled-in during the latter part of the 19th Century. The fill material used to create the land is of unknown origin and may contain elevated concentrations of semi-volatile organic compounds and/or metals.

- Open spills, identified by review of the state databases (NY Spills/LTANKS), may have impacted the Site. The following five sites are located upgradient of and close to the Site and have a confirmed release of petroleum:
    - 538 West 34th Street
    - 534 West 34th Street
    - **432 10th Avenue**
    - **436 10th Avenue** (Amoco station)

  The two bolded properties also appeared on the Resource Conservation and Recovery Information System (RCRIS) for Generators and Transporters.

In addition, PB identified an underground storage tank (UST) at 527 West 34th Street, which was reported to be leaking and may not have been removed in compliance with NYSDEC regulations.

2.3.2 EnviroTrac Phase I ESA (June 2004)

In a June 28, 2004 Phase I ESA, EnviroTrac identified six RECs at the Site:

- Soil and groundwater sampling was recommended in the area of the in-ground hydraulic piston associated with a truck elevator.

- Eight 550-gallon USTs with unknown contents had been closed in place by Lexicon Environmental Associates (Lexicon) in 1996. Although residual contamination was present in the post-excavation samples, NYSDEC closed the spill. The nature of this residual contamination is described in Lexicon's Underground Storage Tank Closures report, dated March 27, 1996 (not reviewed by FLS). EnviroTrac reported that semi-volatile organic compounds (SVOCs) were detected above the NYSDEC Toxicity Characteristic Leaching Procedure (TCLP) Alternative Guidance Values for fuel oil contaminated soils. Lexicon also removed two leaking 4,000 gallon gasoline USTs and approximately 105 tons of contaminated soil. Post-excavation samples indicated that all gasoline-contaminated soil was removed from this area.

- An active spill associated with the installation of a soil boring by the New York City Transit Authority. The soil boring associated with the aforementioned REC is a geophysical boring, PE-19, installed by PB in 2003 (not in association with the Phase I ESA or Phase II investigation).

- A geophysical survey and subsurface investigation were recommended to investigate USTs shown on historical Sanborn Fire Insurance maps in the southeast corner of the Site.

  While not indicated as RECs by EnviroTrac, the review of the Sanborn Fire Insurance maps (1890 through 1996) also indicated multiple commercial uses, as well as residential use, at the Site. Commercial uses included a building materials facility, a wagon house, a hay and feed company, the Fleischman Company, a garage, a blacksmith and welding company, a laundry, an electrical supply, general warehousing facilities, the Empire Carriers Corporation and the New York Telephone Company (later renamed Verizon).

- The NYSDEC Petroleum Bulk Storage (PBS) database contained incorrect data for the Site. The database incorrectly listed only five 550-gallon USTs. As summarized in Lexicon's March 27, 1996 Underground Storage Tank Closures report, eight 550-gallon USTs were removed from the Site. In addition, EnviroTrac states that the listed installation date, June 1, 1994, is incorrect. The correct installation date is not noted in the EnviroTrac report. The PBS database

was updated by EnviroTrac after removing the USTs in January 2006. In addition, two 2,000 gallon capacity USTs were reportedly removed from the Site, but the location of these USTs is unknown.

- Possible presence of lead-based paint, asbestos-containing materials and polychlorinated biphenyls (PCBs).

Based on the recommendations in their Phase I ESA, EnviroTrac conducted a geophysical survey of the Site, as well as a soil and groundwater sampling program. The results of these activities are detailed in EnviroTrac's September 9, 2005 Subsurface Investigation Report and summarized in Section 2.4. Additional information regarding the remedial investigation soil and groundwater sampling is included in FLS's RIR.

The geophysical survey did not indicate the presence of any USTs in the southeastern corner of the Site. However, the survey located a sub-cellar that housed an out-of-service boiler and an oil-water separator. Approximately 75 gallons of liquids were removed from the oil-water separator when it was cleaned out.

EnviroTrac's March 9, 2006 Underground Storage Tank Removal Report details the removal of two 3,000 gallon gasoline USTs, as well as the appurtenant dispensers and remote fill ports. The remote fill ports associated with the previously-removed leaking 4,000 gallon gasoline USTs were also removed. Elevated levels of benzene were detected in one post-excavation sample west of the 3,000 gallon USTs. Excavations conducted to remove the remote fill ports were extended to remove associated contaminated soil. With the exception of non-petroleum-related SVOCs associated with fill material, elevated levels of contaminants were not present.

2.4 Summary of Phase II Environmental Site Investigations (ESIs)

In the course of two separate Phase II ESIs conducted within Area A, a total of eight monitoring wells (MW-1 through MW-8) and seventeen soil borings (GP-1 through GP4, B-1 through B-6, and SB-1 through SB-7) were installed. Soil boring depths ranged from 13 to 40 ft-bg (to refusal).

The methodology and findings of the Phase II ESIs are described in FLS' June 2007 RIR, included in Appendix C.

The remedial investigations focused on both soil and groundwater matrices. During the remedial actions conducted to-date, it was determined that the groundwater was in a perched, non-continuous condition. This is consistent with the recovery achieved during groundwater sampling in the remedial investigation phase. It is likely that any apparent groundwater was predominantly due to broken underground pipes (including known compromised water pipes on both West 34th and West 35th Streets) and, to a lesser degree, surface infiltration. Although the following sections refer to "groundwater" this should be taken to represent perched water from the aforementioned sources filtering through the soil matrix at the Site.

2.4.1 Identification of Standards, Criteria and Guidances (SCGs)

The NYSDEC's Unrestricted Use Soil Cleanup Objectives (UUSCOs) [NYCRR Title 6, Part 375-6.8(a)], also known as "Track 1," were used to compare to the soil analytical results from Area A.

The NYSDEC Division of Water Technical & Operational Guidance Series (TOGS) Ambient Water Quality Standards and Guidance Values (Class GA Groundwater Standards) were used to compare to the aqueous analytical results from Area A.

2.4.2 Soil and Aqueous Sampling

Sample locations for the Phase II ESIs are depicted on Figure 3. The remedial investigations are discussed below.

2005 Remedial Investigation - EnviroTrac

The 2005 RI by EnviroTrac included the advancement and sampling of soil borings, monitoring well installation, and groundwater sampling. On June 3 and July 28, 2005, EnviroTrac conducted soil and groundwater sampling in the area of the elevator shaft. Seven soil borings (SB-1 through SB-7) were advanced to refusal, at depths ranging from 2 to 8 feet below the basement floor.

One soil sample was collected from each boring with the exception of SB-5, from which two soil samples were collected. All samples were submitted for laboratory analysis. The following table details the dates, depth intervals (below the concrete slab and ft-bg), photoionization detector (PID) readings (in parts per million), depth to water (DTW) and total depth (TD) for all borings

Boring	SB-1	SB-2	SB-3	SB-4	SB-5		SB-6	SB-7
Date	6/3/05	7/28/05	7/28/05	7/28/05	7/28/05		7/28/05	7/28/05
Depth (below slab) Interval (ft-bg)	3.5'-5.5' 15.5'-17.5'	0'-2' 12'-14'	0'-2' 12'-14'	0'-4.5' 12'-16.5'	0'-4' 12'-16'	4'-8' 16'-20'	0'-2' 12'-14'	0'-3' 12'-15'
PID	432	113	127	43	98	512	77	92
DTW	6'	--	--	--	8'		--	--
TD	6.5'	2'	2'	4.5'	8'		2'	3'

Between June 22 and 29, 2005, monitoring wells MW-1 through MW-4 were installed immediately off-Site. Based on the results of the groundwater samples collected from monitoring wells MW-1 through MW-4, four additional monitoring wells, MW-5 through MW-8, were installed between July 28 and August 11, 2005. Monitoring wells MW-5 and MW-6 were installed off-Site and monitoring wells MW-7 and MW-8 were installed on-Site. Monitoring well locations are shown on Figure 3. The monitoring wells were installed by Aquifer Drilling and Testing, Inc. (ADT). Each location was pre-cleared with a vactron and then drilled using a combination HSA/air rotary drilling rig. Based on the information in the report, monitoring wells MW-7 and MW-8 may have been installed by Dragin Drilling, Inc., using a water-rotary drilling technique.

2005 Remedial Investigation – PB

The 2005 RI performed by PB included the installation and sampling of borings in the elevator shaft using a hand-operated Geoprobe®, hand auger and truck-mounted and track-mounted Geoprobe® units in the eastern parking garage. In addition, four existing monitoring wells were sampled.

On September 27, 2005, soil sampling was conducted in the basement. Six soil borings (B-1 through B-6) were advanced to refusal, at depths ranging from 3 to 5 ft-bg, with the majority advanced to approximately 4 ft-bg. One soil sample was collected at each boring location. The soil boring locations are shown on Figure 3.

Soil sampling was conducted on September 28 and November 5, 2005 in the eastern parking area. Four soil borings (GP-1 through GP-4) were advanced to depths ranging

from 13 to 20 ft-bg. One to two soil samples were collected at each boring location. The soil boring locations are presented in Figure 3.

On September 27, 2005, groundwater samples were collected from three of the monitoring wells previously installed by EnviroTrac. The groundwater samples were labeled GW-1 through GW-3, corresponding to monitoring wells MW-8, MW-3 and MW-2, respectively. In addition, a groundwater sample, labeled as GW-4, was collected from piezometer PE-19, which was installed along the northern property border during the geotechnical investigation conducted as part of the No. 7 subway extension.

2.4.3 Laboratory Results

The analytical parameters for soil and groundwater samples collected during the Remedial Investigations are provided below.

Soil

Soil samples were analyzed for the following**:**

- Target Compound List (TCL) VOCs by Environmental Protection Agency (EPA) Method 8260 (PB and EnviroTrac),
- TCL SVOCs by EPA Method 8270 (PB and EnviroTrac),
- Target Analyte List (TAL) Metals (PB and EnviroTrac),
- Pesticides by EPA Method 8081 (PB only),
- PCBs by EPA Method 8082 (PB only), and
- Polarized Light Microscopy Asbestos (PB only).

Groundwater

Groundwater samples were analyzed for the following:

- TCL SVOCs by EPA Method 8270 (PB and EnviroTrac),
- TCL VOCs by EPA Method 8260 (PB and EnviroTrac),
- TAL Metals by EPA Method 6010 (PB and EnviroTrac),
- Pesticides by EPA Method 8081 (PB only), and
- PCBs by EPA Method 8082 (PB only).

2.4.4 Documentation

Sampling methodology, chains-of-custody, and laboratory analytical reports are

contained in the June 2007 RIR. A digital copy of the RIR is included in Appendix C. Sample locations are depicted on Figure 3 and soil and groundwater summary tables are included.

2.4.5 Summary of Remedial Investigation Findings

A summary of the findings of the RI is provided below. VOC-related petroleum impacts to the soil and groundwater were localized in two areas of the Site at depths ranging from 5 to 20 ft-bg. A historic fill layer exists at a depth of 5 to 17 ft-bg. Based on the type and extent of petroleum-related contamination, these impacts were likely largely due to historic operations at the Site, rather than the presence of the historic fill. Additionally, petroleum impacts to the groundwater were generally widespread throughout the Site.

Soil

Petroleum-related VOC contaminants were detected in two areas of the southern portion of the Site at concentrations above the UUSCOs; the elevator pit and the area of the removed gasoline tanks. The compounds detected above the UUSCOs include benzene; toluene; ethylbenzene; xylenes; naphthalene; 1,2,4-trimethylbenzene (1,2,4-TMB); 1,3,5-trimethylbenzenze (1,3,5-TMB); n-propylbenzene and sec-butylbenzene.

In the area of the elevator pit, two samples, SB-1 (15.5-17.5 feet) and SB-5 (16-20 feet), contained petroleum-related VOCs above the UUSCOs. These samples were collected directly above the bedrock.

In the area of the removed gasoline tanks, three samples, collected at two locations, contained petroleum-related VOC contaminants above the UUSCOs. These include both samples from GP-3 (5-13 feet and 11-13 feet) and one post-excavation sample collected from the western wall.

Based on the RI findings, petroleum impacted soils appeared to be localized to these two areas. However, petroleum impacted soils were encountered throughout the Site during excavation activities, as discussed in Section 2.6.1.

The seven SVOCs exceeding the UUSCOs in the RI included benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenz(a,h)anthracene and indeno(1,2,3-cd)pyrene. These SVOCs are polyaromatic hydrocarbons (PAHs), which are a class of compounds found in some petroleum

products, asphalt and as byproducts of combustion. The type and levels of SVOCs are typical of urban fill material (such as that found on the Site), which often contains cinders, ash, and other combustion by-products. With the exception of the previously discussed sample SB-5 (16-20 feet), collected in the elevator pit, the soil samples collected from the areas of elevated PAHs did not contain elevated levels of petroleum-related PAHs, such as naphthalene or 2-methylnaphthalene. Therefore, the detected PAH contamination does not appear to be related to a specific release, but is likely related to fill material present at the Site.

Elevated levels (relative to the UUSCOs) of the metals arsenic, cadmium, chromium, copper, lead, manganese, mercury, nickel and zinc, in varying combinations, were detected in most of the soil samples. Manganese is a common earth material and is considered to pose a lower risk to human health and the environment compared to the other metals detected in the soil. The presence of the other metals may reflect the presence of on-Site fill material. The elevated levels of chromium, lead, mercury and zinc may be associated with paints/coatings entrained in the construction and demolition (C&D) fill observed in this area.

Three pesticides (4,4'-DDD; 4,4'-DDE and 4,4'-DDT) were detected above the UUSCOs. The highest concentrations were detected in sample B4, B5, B6 Composite. These pesticides were used extensively in the United States between 1939 and 1970[1] and are most likely associated with the fill material.

Groundwater

The following VOC and SVOC petroleum-related compounds have been detected in groundwater above the Class GA standards: benzene, toluene, ethylbenzene and total xylenes (BTEX), as well as methyl-tert butyl ether (MTBE); 1,2-dichlorobenzene (1,2-DCB); 1,2,4-TMB; naphthalene and 2-methylnaphthalene. Based on observations made during the remedial action phase, the groundwater detected at the site is likely in a perched condition.

Generally, three groundwater contamination plumes were identified by the groundwater monitoring at the Site. The first, in the area of monitoring wells MW-3, MW-4 and

[1] U.S. Department of Health and Human Services, Agency for Toxic Substances & Disease Registry, *Toxicological Profile for DDT, DDE, and DDD*, September 2002.

upgradient monitoring well MW-8, is related to the gasoline USTs and remote fill ports formerly present at the Site. The second, in the area of temporary monitoring wells SB-1 and SB-5 and monitoring wells MW-2 and MW-6, is related to a spill in the elevator pit. The third plume is in the area of geotechnical boring PE-19 located immediately off-Site to the north of the Verizon facility.

The highest concentrations in the groundwater plume in the area of the removed USTs and fill ports are in monitoring well MW-4. Contaminants of concern included benzene, ethylbenzene, total xylenes, naphthalene, MTBE and 1,2,4-TMB. Monitoring well MW-3, slightly downgradient and possibly crossgradient from MW-4, generally contains concentrations of similar compounds one to two orders of magnitude lower than those in MW-4. Monitoring MW-8, upgradient of the gasoline UST excavation, contains low levels of ethylbenzene, naphthalene and total xylenes.

The highest concentrations in the groundwater plume emanating from the elevator pit were detected in temporary monitoring well SB-5. Contaminants of concern include: benzene; ethylbenzene; total xylenes; naphthalene; MTBE; 1,2-DCB and 1,2,4-TMB. Similar contaminants, at generally lower concentrations, were detected in temporary monitoring well SB-1. The presence of MTBE is evidence that the plume from the area of the former USTs and fill ports is commingling with this plume. Concentrations similar to SB-1 were present in monitoring well MW-6; however, MTBE and 1,2-DCB were not detected. Low levels of benzene, xylenes, naphthalene and 1,2,4-TMB were detected in monitoring well MW-2.

Elevated levels of BTEX compounds, naphthalene and 1,2,4-TMB were detected in samples collected from PE-19. Based on the assumed groundwater flow direction, west to northwest, as well as lack of on-Site areas of concern upgradient of PE-19, the exceedances in this sample are most likely related to an off-Site source.

Barium, cadmium, iron, lead, magnesium, manganese and sodium exceeded the Class GA standards in multiple groundwater samples. Magnesium and manganese are common earth materials and are considered a lower risk to human health and the environment compared to the other metals detected in the groundwater. The other metals exceedances in the groundwater are likely related to the metals detected in the historic urban fill and C&D fill at the Site. Filtered samples were not collected at the Site; therefore, the concentration of dissolved metals in the groundwater at the Site is unknown.

2.5 Significant Threat

Based on the results of the above-described investigations, the NYSDEC and NYSDOH have determined that this Site does not pose a significant threat to human health and the environment. This was memorialized in an August 15, 2007 Significant Threat Worksheet provided by NYSDEC, as well as an August 13, 2008 letter from NYSDOH. Notice of that determination was provided for public review in Fact Sheet #2, mailed on August 17, 2007. Fact Sheet #2 is included in Appendix G. The significant threat documents from NYSDEC and NYSDOH are included in Appendix H.

2.6 Contamination Conditions

2.6.1 Description of Areas of Concern

As detailed in Section 2.3, past uses of the property included the utilization of gasoline USTs. As summarized in Section 2.4, historic fill material has been encountered throughout the Site at thicknesses ranging from 5 to 17 feet. Petroleum impacts to the soil have been detected at depths ranging from 5 to 20 ft-bg, as detailed in FLS' June 2007 RIR. The RI results indicated that VOC-related petroleum impacts to soil and groundwater were localized in two areas: the elevator pit and the area of the historic gasoline tanks. Petroleum impacts to groundwater were also identified off-Site, to the north of the Verizon facility. Impacts to soil and groundwater are discussed below.

Soil

In the area of the elevator pit, elevated VOC concentrations exceeding the UUSCOs were detected in soil at two sampling locations: SB-1 (15.5 - 17.5 feet) and SB-5 (16 - 20 feet). These two samples were collected directly above the bedrock. Petroleum-contaminated soil in this area was fully delineated. The contaminants included benzene; toluene; ethylbenzene; xylenes; naphthalene; 1,2,4-TMB; 1,3,5-TMB; n-propylbenzene; and sec-butylbenzene. Petroleum impacted soil was also encountered in the area of the previously-removed gasoline tanks. Three samples, at two locations in this area, contained petroleum-related VOC contaminants including both samples from GP-3 (5-13 feet and 11-13 feet). Petroleum-contaminated soil in this area was fully delineated.

Groundwater

Three petroleum-impacted areas were identified by the groundwater monitoring at the Site and detailed in RIR. The first, in the area of monitoring wells MW-3, MW-4 and upgradient monitoring well MW-8, is related to the gasoline USTs and remote fill ports formerly present at the Site. The second, in the area of temporary monitoring wells SB-1 and SB-5, as well as monitoring wells MW-2 and MW-6, is related to a spill in the elevator pit. The third is in the area of geotechnical boring PE-19 located immediately off-Site to the north of the Verizon facility.

The highest groundwater concentrations occurred in monitoring well MW-4, in the area of the removed gasoline USTs and fill ports. Contaminants of concern included benzene, ethylbenzene, total xylenes, naphthalene, MTBE and 1,2,4-TMB. Monitoring well MW-3, slightly downgradient and possibly crossgradient from MW-4, generally contains concentrations of similar compounds one to two orders of magnitude lower than those in MW-4. Monitoring MW-8, upgradient of the gasoline UST excavation, contains low levels of ethylbenzene, naphthalene and total xylenes.

The highest concentrations in the groundwater plume emanating from the elevator pit were detected in temporary monitoring well SB-5. Contaminants of concern include: benzene; ethylbenzene; total xylenes; naphthalene; MTBE; 1,2-DCB and 1,2,4-TMB. Similar contaminants, at generally lower concentrations, were detected in temporary monitoring well SB-1. The presence of MTBE is evidence that the plume from the area of the former USTs and fill ports is commingling with this plume. Concentrations similar to SB-1 were present in monitoring well MW-6; however, MTBE and 1,2-DCB were not detected. Low levels of benzene, xylenes, naphthalene and 1,2,4-TMB were detected in monitoring well MW-2.

Elevated levels of BTEX compounds, naphthalene and 1,2,4-TMB were detected in samples collected from PE-19. Based on the assumed groundwater flow direction, west to northwest, as well as lack of on-Site areas of concern upgradient of PE-19, the exceedances in this sample are most likely related to an off-Site source.

Subsequent to the RI phase groundwater investigations, it was determined that the groundwater was in a perched, non-continuous condition and most likely the result of broken underground pipes (including compromised water pipes on both West 34th and West 35th Streets) and, to a lesser degree, surface infiltration.

2.6.2 In-Situ Waste Characterization of Soil/Fill Contamination

In order to characterize the soil in Area A prior to remediation and disposal, in-situ waste characterization was conducted based on disposal facility requirements. Samples were collected based on the grid system shown on Figure 4. A description of the sampling methodology and analytical requirements was provided in an August 30, 2007 letter to the Volunteer and is included as Appendix I. In each grid section, one test pit was dug and sampled per ten foot lift. The VOC samples were collected at the area of highest suspected contamination based on visual and olfactory observations, as well as PID readings. The remaining parameters were analyzed from a composite sample. Soil samples collected during waste characterization were analyzed for the following analytical parameters. No groundwater was encountered while conducting the waste characterization.

Soil samples were analyzed for the following:

- VOCs, SVOCs, Metals, pesticides and PCBs included in the New Jersey Soil Cleanup Criteria list. These parameters were analyzed by EPA Methods 8260, 8270, 6010, 8081 and 8082, respectively;
- TCLP Metals [including Resource Conservation and Recovery Act (RCRA) metals, plus copper (Cu), nickel (Ni) and zinc (Zn)] by EPA Methods 6010 and 7471 (mercury only);
- Total Petroleum Hydrocarbons (TPH) by Method SW846 8015 [Diesel Range Organics (DRO) and Gasoline Range Organics (GRO)].

All soil was classified and approved for acceptance by the disposal facilities. The analytical results of this characterization program are detailed in the following section.

2.6.3 Results of In-Situ Soil Characterization of Soil/Fill Contamination

2.6.3.1 Summary of Soil/Fill Contamination

As discussed in Section 2.4, historic fill material was encountered throughout Area A at thicknesses ranging from 5 to 17 ft-bg. From 17 ft to 40 ft-bg, a layer of native glacial till rested directly atop bedrock.

Similar to previous findings, petroleum-related VOCs, SVOCs, metals and pesticides were detected above the UUSCOs in the fill layer throughout the Site. Non petroleum-

related VOCs, specifically chlorinated solvents, where present pervasively at the Site; however, all sample results were below the UUSCOs. Two PCBs, Aroclor 1254 and Aroclor 1260, were detected above the UUSCOs. TCLP lead was detected above the USEPA Maximum Contaminant Concentration (MCC) in an isolated area in the northeastern portion of the Site; the exceedance of the MCC indicates that this soil meet the definition of a hazardous material.

All soil was determined appropriate for disposal and disposed of by legal and appropriate means. Soils within each grid were classified and disposed of as non-hazardous fill, except in the one isolated area where the TCLP lead concentration exceeded the MCC.

Soil disposal is further discussed in Section 4.4.

2.6.3.2 Comparison of Results of Soil/Fill Contamination with SCGs

The results of the in-situ waste characterization program are shown in Tables 7 through 11. A digital copy of the complete laboratory analytical results is included in Appendix J.

Both petroleum-related VOCs and chlorinated VOCs were detected during this investigation. Only two VOCs, ethylbenzene and total xylenes, both petroleum-related, were detected above the UUSCOs. Toluene, also a petroleum-related VOC, was detected below the UUSCO. Petroleum-related soil contaminants (specifically ethylbenzene and total xylenes) at concentrations above the UUSCOs were encountered in grids A5, A6, and A7, located in the western portion of Area A (as shown on Figure 4).

Detected chlorinated VOCs include tetrachloroethylene (PCE); trichloroethylene (TCE); 1,2-dichlorobenzene (1,2-DCB) and chloroform. Typical laboratory contaminants, acetone and methylene chloride, were detected at concentrations below the UUSCOs; however, trip and field blanks were not collected, in accordance with soil disposal facility requirements.

SVOCs, particularly fill-related PAHs, detected above the UUSCOs include benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k) fluoranthene, chrysene, dibenzo(a,h)anthracene and indeno(1,2,3-cd)pyrene. Naphthalene, a petroleum-related SVOC, was detected in multiple samples at concentrations below the UUSCOs.

Several metals (arsenic, barium, cadmium, hexavalent chromium, copper, lead, mercury,

nickel, silver and zinc) were detected above the UUSCOs. The detected concentrations appear to be consistent with typical historic fill. As previously discussed, hazardous lead concentrations were detected in soils in the northeast portion of Area A. The hazardous designation was based upon TCLP lead concentrations above 5 milligrams per liter (mg/L).

Two pesticides, 4,4-DDE and 4,4-DDT, were detected above the UUSCOs. PCBs were detected throughout the Site; two samples contained PCBs at concentrations above the UUSCOs.

Additional parameters analyzed included pH, TPH DRO and TPH GRO. The results for these parameters are provided in Table 11.

2.6.4 On-Site and Off-Site Groundwater Contamination

2.6.4.1 Description of Groundwater Contamination

Groundwater was not encountered on the Site during the remedial action phase. Water entering the Site during this phase was determined to be discharged by leaking water pipes under both West 34th and West 35th Streets. This water was removed from the Site with a small pump and discharged to the City's combined sewer system. After the excavation activities were completed, the water pipes were repaired by the NYCDEP.

Although the water immediately off-Site could not be observed during the remedial action, this water is also likely to be perched and non-continuous. The concentrations of contaminants in the immediately off-Site water are therefore assumed to be similar to those reported in Section 2.4. During remedial activities in Area B, FLS will collect one off-Site water sample in order to document the water condition to the northeast of the site.

2.6.4.2 Comparison of Groundwater with SCGs

Groundwater was not detected on the Site during the remedial action phase.

Water immediately off-Site is likely to be perched and non-continuous and the concentrations of contaminants in this water are therefore assumed to be similar to those reported in Section 2.4.

2.7 Environmental and Public Health Assessments

2.7.1 Qualitative Human Health Exposure Assessment

A Qualitative Human Health Exposure Assessment/Environmental Assessment (QHHEA/EA) was performed to assess the potential for the Site to impact Site workers or residents, workers, or the public in general either pre-remediation, during remedial activities or after the completion of the redevelopment. The QHHEA/EA concluded that, during construction, a Site Specific Health and Safety Plan (HASP) and Site Operations Plan (SOP) would minimize the exposure of Site workers to the contamination on the Site. In addition, off-Site exposure during construction would be minimized by the use of a Community Air Monitoring Plan (CAMP) which includes a requirement to stop work if excessive releases of volatile organic compounds, contaminated dust or odors are found to be leaving the Site. At completion of the redevelopment, all contaminants will have been removed from the Site. Waterproofing around the building foundation will serve as a vapor barrier, preventing any contaminated off-Site soil or groundwater from re-contaminating the Site after remediation has been completed. Information regarding the HASP, SOP, CAMP and waterproofing/vapor barrier is included in the June 2007 RAWP.

2.7.2 Fish & Wildlife Remedial Impact Analysis

Based upon the hydrogeology of the Site and the groundwater concentrations, FLS has prepared two Fish and Wildlife Resources Impact Analysis Keys (NYSDEC Draft DER-10 Technical Guidance, Appendix 3C), attached to this document as Appendix K. The only fish and wildlife habitat that could potentially be impacted by Site contamination via groundwater transport is the Hudson River.

The petroleum-related contamination in Site groundwater is classified as a “discharge or spill event.” Based on the distance from the Site to the Hudson River (approximately 1,100 feet), the types and concentrations of contaminants present at the Site, and the hydrogeology of the area, the petroleum contaminants do not have the potential to migrate to the Hudson River. Therefore, a Fish and Wildlife Resources Impact Analysis was not necessary for the petroleum-related contamination.

Elevated levels of PAHs and metals in soils, associated with historic fill at the Site, are also contaminants of concern. There is no discharge or erosion of contamination to surface water (the Hudson River) or the potential for discharge or erosion of

contamination. Therefore, a Fish and Wildlife Resources Impact Analysis was not necessary for the elevated levels of PAHs and metals.

2.8 Remedial Action Objectives

Based on the results of the Remedial Investigation, the following Remedial Action Objectives (RAOs) have been identified for this Site.

2.8.1 Groundwater RAOs

RAOs for Public Health Protection

- Prevent ingestion of groundwater containing contaminant levels exceeding drinking water standards.
- Prevent contact with, or inhalation of, volatiles emanating from contaminated groundwater.

RAOs for Environmental Protection

- Restore ground water aquifer, to the extent practicable, to pre-disposal/pre-release conditions.
- Prevent the discharge of contaminants to surface water.
- Remove the source of ground or surface water contamination.

2.8.2 Soil RAOs

RAOs for Public Health Protection

- Prevent ingestion/direct contact with contaminated soil.
- Prevent inhalation of, or exposure to, contaminants volatilizing from contaminated soil.

RAOs for Environmental Protection

- Prevent migration of contaminants that would result in groundwater or surface water contamination.

- Prevent impacts to biota due to ingestion/direct contact with contaminated soil that would cause toxicity or bioaccumulation through the terrestrial food chain.

3.0 DESCRIPTION OF APPROVED REMEDIAL ACTION PLAN

Remedial actions conducted in Area A were performed in accordance with the scope of work presented in the NYSDEC-approved June 2007 RAWP.

The factors considered during the analysis of remedial alternatives included:

- Protection of human health and the environment;
- Compliance with standards, criteria, and guidelines (SCGs);
- Short-term effectiveness and impacts;
- Long-term effectiveness and permanence;
- Reduction of toxicity, mobility, or volume of contaminated material;
- Implementability;
- Cost effectiveness;
- Community acceptance, and
- Land use.

The following criteria were utilized during the remediation:

- 6 NYCRR Part 375-6 Soil Cleanup Objectives;
- New York State Groundwater Quality Standards – 6 NYCRR Part 703;
- NYSDEC Ambient Water Quality Standards and Guidance Values Class GA Standards – TOGS 1.1.1;
- NYSDEC Draft DER-10 Technical Guidance for Site Investigation and Remediation - December 2002;
- NYSDEC Draft Brownfield Cleanup Program Guide – May 2004;
- New York State Department of Health (NYSDOH) Generic Community Air Monitoring Plan;
- NYS Waste Transporter Permits – 6 NYCRR Part 364, and
- NYS Solid Waste Management Requirements – 6 NYCRR Part 360 and Part 364.

3.1 Summary of Proposed Remedial Action

As stated in NYSDEC's DER-10, Section 4, the goals of the Remedial Action (RA) are to protect public health and the environment and to remove the source of contamination to the extent feasible. The proposed RA was chosen to meet these goals, as well as to

bring the Site into compliance with NYSDEC SCG. Source removal would be accomplished across the Site via excavation and proper disposal of all contaminated soils and the removal and treatment of the groundwater. Note that during the implementation of the remedial action, apparent groundwater was not encountered at the Site.

Below is a description of the proposed RAs required in the June 2007 RAWP.

1. Excavation of all soil/fill from Site.
2. Screening for indications of contamination (by visual means, odor, and monitoring with PID) of all excavated soil during any intrusive Site work;
3. Construction dewatering of the Site groundwater and treatment prior to discharge to the New York City sewer system in accordance with NYCDEP requirements;
4. Collection and analysis of sidewall end-point samples to evaluate the performance of the remedy with respect to attainment of Track 1 SCOs;
5. Appropriate off-Site disposal of all material removed from the Site in accordance with all Federal, State and local rules and regulations for handling, transport, and disposal;
6. Implementation of the HASP, SOP and CAMP during all remedial activities, and compliance with public notice requirements described in the CPP, and,
7. All responsibilities associated with the RA, including permitting requirements and pretreatment requirements, addressed in accordance with all applicable Federal, State and local rules and regulations.

4.0 DESCRIPTION OF REMEDIAL ACTIONS PERFORMED

4.1 Mobilization

FLS mobilized to the Site on August 27, 2007 and began CAMP activities. A calibrated DustTrak Model 8520 particle monitor and a calibrated MiniRAE 2000 VOC Monitor were placed in both upwind and downwind locations on-Site for the entirety of the project and continuously monitored as required by the CAMP. The results of the air monitoring are further discussed in Section 4.2.5. Air monitoring data is included in Appendix L.

A pre-construction meeting was held with NYSDEC and contractors on September 24, 2007.

A complete list of agency approvals required by the June 2007 RAWP is included in Appendix M. This list includes a citation of the applicable law, statute or code, the originating agency, and an agency contact name and phone number.

4.2 Governing Documents

4.2.1 Site Specific Health & Safety Plan (HASP)

All remedial work performed under this RA was in full compliance with governmental requirements, including Site and worker safety requirements mandated by the Occupational Safety and Health Administration (OSHA).

All remedial and invasive work performed at the Site was in full compliance with the June 2007 HASP, a copy of which is included as an attachment to the June 2007 RAWP (attached hereto in Appendix C). The HASP outlines the procedures to be followed to protect on-Site personnel and others during all remedial activities at the Site and was prepared in conformance with the OSHA standards and other applicable regulations governing Site remediation and construction, and procedures regarding health and safety. The Site Safety Coordinator was Kyle Boretsky of FLS. Mr. Boretsky's resume is included in Appendix N.

4.2.2 Quality Assurance Project Plan (QAPP)

The QAPP, detailed in the *Quality Assurance/Quality Control (QA/QC) – Field Sampling Plan* attached to the June 2007 RAWP, governed sampling and analytical methods for end-point sampling. The QAPP outlined the procedures and protocols to be followed during all remedial investigation and remedial action activities at the Site. The QAPP was prepared to ensure quality assurance (QA) and quality control (QC) for all sampling and data acquisition conducted under the June 2007 RAWP.

4.2.3 Soil Management Plan (SoMP)

The SoMP provided detailed plans for managing all soils/materials that were disturbed at the Site, including excavation, handling, storage, transport, disposal and backfilling. It also included all of the controls that were applied to these efforts to assure effective, nuisance free performance in compliance with all applicable Federal, State and local laws and regulations. These controls included management of vehicles coming onto the Site to prevent queuing, and screening and manifesting all soils leaving the Site. Although stockpiling was limited, any stockpiled materials were staged on plastic and covered prior to removal from the Site. A copy of the SoMP is included as an attachment to the June 2007 RAWP

4.2.4 Sediment and Erosion Control Plan (SECP)

A SECP, dated June 2007, was utilized during the pre-construction, construction and post-construction phases of the project to control sediment from entering storm-water runoff leaving the Site. A copy of the SECP is included as an attachment to the June 2007 RAWP.

4.2.5 Community Air Monitoring Plan (CAMP)

The CAMP, dated June 2007, was designed to protect off-site receptors, including residences and businesses, and on-site workers not directly involved with the subject work activities. Air monitoring for particulates and VOCs was conducted on a continuous basis at upwind and downwind stations and along the Site boundaries and all devices were calibrated daily. Upwind and downwind locations were established based on prevailing wind direction and background was established on a daily basis.

No exceedances of the CAMP action levels were noted from field readings conducted during the remedial activities. An electronic copy of the air monitoring data is included in Appendix L. As noted in Table 1 of Appendix L, three exceedances were recorded during the implementation of the CAMP; however, as noted, these exceedances were either due

to malfunctioning equipment or were isolated peaks that were not confirmed by on-site readings. A copy of the CAMP is included as an attachment to the June 2007 RAWP.

4.2.6 Site Operations Plan (SOP)

The sections of the SOP outlined in the June 2007 RAWP were more fully developed after the contractor was selected. The implementation of the SOP is described below.

4.2.6.1 Storm-Water Management

Storm-Water Management at the Site was addressed by implementing the New York State Storm-Water Management Regulations, which includes physical methods to control and/or divert surface water flows and to limit the potential for erosion and migration of Site soils via wind or water.

The erosion and sediment controls for all remedial construction were performed in conformance with requirements presented in the New York State Guidelines for Urban Erosion and Sediment Control.

Site demolition, including the removal of the building slabs, lowered the Site grade to below that of the surrounding grade. Rain water infiltrated the soil below the Site until it reached the perched groundwater. As the Site grade was lower than the surrounding grade, soil from the Site was prevented from entering the City's combined sewer system and the sewer inlets did not have to be protected during demolition and initial excavation activities.

It was anticipated in the June 2007 RAWP that a dewatering system would be installed at the Site; however, due to the limited amount of perched water encountered, the system was not necessary. Any accumulated storm-water was discharged to the City's combined sewer system by using a small pump.

4.2.6.2 Equipment Access

Truck entrances were constructed on both West 34th and West 35th Streets. Truck washing stations were constructed at both entrances, in accordance with the details included in the SECP. Photographs of the truck wash pads are included in Appendix N.

All truck routes, detailed below, were in accordance with the NYCDOT's 2007 Truck Route Map.

West 34th Street is a truck through-route. Both 10th and 11th Avenues are truck through-routes north of West 34th Street. Trucks entering the Site generally travelled from the Lincoln Tunnel down 10th Avenue to either West 34th or West 35th Street. Trucks leaving the Site generally went directly to 11th Avenue and turned north to the Lincoln Tunnel.

4.2.6.3 Groundwater Management

The June 2007 RAWP contemplated that groundwater would be encountered at the Site and dewatering would be required to excavate to bedrock. It was further contemplated that the dewatered groundwater would be treated prior to discharge to the City's combined sewer system.. This assumption was based on previous observations of groundwater at depths of 17 to 32 ft-bg across the Site. However, during Site operations water encountered was limited to areas of perched water scattered throughout the Site and construction dewatering was not required to achieve the remedial goals. The water that was removed from the Site was limited to the perched water, rain water accumulating in the depressions of the exposed bedrock, and excess water flowing into the Site from outside sources (leaking fire hydrants, old piping, etc.). This water was removed from the Site with a small pump and discharged to the City's combined sewer system.

4.2.6.4 Construction Dewatering

As detailed in Section 4.2.6.3 (above), apparent groundwater was not encountered at the Site and construction dewatering was not conducted.

4.2.6.5 Site Security

The Site was secured by a construction fence and 24-hour security. At the end of each work day, the entrances were also secured, preventing unauthorized access to the Site.

4.2.7 Citizen Participation Plan (CPP)

Certifications of mailing dated July 23 and August 17, 2007 were sent by the Volunteer's agent (FLS) to the NYSDEC project manager following the distribution of Fact Sheets and notices. The mailing certifications included: (1) certification that the Fact Sheets were mailed, and (2) the date they were mailed, and (3) a copy of the Fact Sheet. A copy of the Fact Sheets and Certifications of Mailing are included in Appendix G.

No changes were made to the approved Fact Sheets authorized for release by NYSDEC without written consent of the NYSDEC.

The approved CPP for this project is attached in Appendix P.

A document repository has been established at the following location for the duration of the project and contains all applicable project documents:

New York Public Library
Mid-Manhattan Library Branch
455 Fifth Avenue, 5th Floor
New York, NY 10016
(212) 340-0991

Hours:

Mon	Tue	Wed	Thu	Fri	Sat	Sun
9-9	9-9	9-9	10-6	10-6	10-6	—

4.3 Remedial Program Elements

Remediation of the Site consisted of excavation of contaminated fill and petroleum-impacted and hazardous lead-contaminated soils to bedrock. Remedial activities completed at the Site were conducted in accordance with the NYSDEC-approved June 2007 RAWP. A digital copy of the NYSDEC-approved RAWP is included in Appendix C. All deviations from the RAWP are described in Section 4.11.

The remedy described in the RAWP is consistent with a Track 1 cleanup and consists of the following:

- Installation of H-beams and soldier beams (lagging) for excavation support.
- Excavation of all soil down to bedrock.
- Construction dewatering.
- Underpinning of adjacent structures.

4.3.1 Involved Parties

Demolition activities were performed by Seasons Industrial Contracting (Seasons) of Staten Island, New York. Excavation activities were performed by The Laquila Group (Laquila) of Brooklyn, New York. The general construction contractor was Tishman Construction Corporation of New York, New York. Security was provided by Security, USA of New York, New York. Remedial oversight activities were performed by FLS.

The Remedial Engineer is Arnold F. Fleming, P.E.

4.3.2 Site Preparation

Prior to the excavation activities at the Site, demolition of existing structures was completed. Seasons, an independent contractor, performed the demolition of existing structures and the removal of debris from the Site. FLS mobilized to the Site on August 27, 2007, while demolition was still on-going. The excavation contractor, Laquila, began mobilizing to the Site on approximately September 1, 2007. The demolition activities were completed on September 14, 2007, after which excavation activities began with the installation of temporary support structures.

H-Beams (soldier beams) and timber lagging were installed along the northern and southern property lines, defined by 35th and 34th Streets, respectively. Tie-backs were drilled into bedrock and installed in two to three rows (based on the depth of excavation) in each of the soldier beams. The adjacent six-story residential building to the east, 539 West 34th Street, was underpinned with a pit and concrete pier system below the existing foundation walls. The bulkhead wall separating the current basement from the Amtrak easement rests atop bedrock or dense silty sand above native glacial till and therefore did not require sheeting or shoring.

Any petroleum-contaminated soil that was encountered while installing the sheeting, shoring, or underpinning was segregated and stockpiled for later removal and proper disposal.

All on-Site monitoring wells encountered during demolition and excavation were removed. These wells include MW-6 through MW-8; all other wells (MW-1 through MW-5 and PE-19) are still present.

Security measures were implemented during remediation to prevent any unauthorized access to and/or disturbance of the Site. In Area A, a secure fence was erected along the

perimeter of the Site. 24-hour security personnel monitored and controlled access to the Site through the Site entrances. The security personnel were positioned on the Site in a way that allowed the best practicable monitoring of the Site perimeter.

Area B is accessed through a fenced parking lot that has 24-hour Site security.

4.3.3 General Site Controls

In accordance with the SECP, erosion and sedimentation controls were employed at the Site for the duration of the project. These controls included, but were not limited to, perimeter silt fences and hay bales, followed by immediately lowering the Site grade to approximately two to three feet below sidewalk grade. An ingress/egress truck wash pad was also installed at the Site, and the tires of all vehicles leaving the Site were washed using a fire hose. Dust control, when necessary, was also accomplished with a fire hose. These controls prevented any significant amounts of stormwater and/or sediment from leaving the Site.

On October 20, 2007, a stop work order for Saturday work was issued by the New York City Department of Buildings due to an inconsistency between Site activities and the allowable activities on the permit. Modifications were eventually made to the permit for appropriate Site activities and the stop work order was lifted on November 10, 2007 to allow Saturday work.

4.3.4 Nuisance Controls

As detailed in Sections 4.2.3 and 4.2.5, several measures were employed to reduce the amount of dust, sediment and erosion on-Site and off-Site as a result of excavation activities. Additionally, the project was conducted in accordance with the pertinent building permits, codes and plans governing noise and air pollution.

4.3.5 CAMP Results

Daily air monitoring reports are provided in Appendix L.

4.3.6 Reporting

All weekly and monthly reports are included in Appendix Q.

The digital photo log required in the RAWP is included in Appendix O. Note that the photo log includes pictures of all the cleared grids, followed by a timeline view of the remedial action being implemented.

4.4 Contaminated Materials Removal

Between October 10, 2007 and January 4, 2008, a total of 40,064 tons [approximately 25,908 cubic yards (CY)] of soil were removed during remediation, as shown on Table 3. A digital copy of the tabulated daily load summaries is provided in Appendix R.

In order to characterize the soil prior to disposal, FLS performed waste characterization sampling as previously discussed in Sections 2.6.2 and 2.6.3. The soil was determined to be non-hazardous historic fill, non-hazardous petroleum-impacted historic fill or hazardous lead-contaminated soil. Approximately 10,480 CY of non-hazardous petroleum-impacted historic fill, 13,268 CY of non-hazardous historic fill and 2,160 CY of hazardous lead contaminated soil were removed from the Site.

4.4.1 Disposal Details

All soil was determined appropriate for disposal and disposed of by legal means to the proper disposal facilities as arranged by Pure Earth, Inc. of Trevose, Pennsylvania. A digital copy of all manifests and bills of lading are included in Appendix S.

The following matrix provides information pertaining to volumes sent to the six facilities utilized for soil disposal. Included are the number of loads per facility in addition to type of and total amount of soil disposed of at the facility (in tons and cubic yards):

Soil Disposal Matrix

Facility	**Soil Type**	**Number of Loads**	**Disposed Soil (Tons)**	**Disposed Soil (Estimated Cubic Yards)**
Walter R. Earle Corporation (Jackson, NJ)	P H	352	10,169	7,110

Pure Earth Transportation and Disposal Inc. (Bushkill, PA)	P	416	13,326	8,320
Casie Ecology Oil Salvage, Inc. (Vineland, NJ)	L P H	141	4,560	2,978
Alliance (Palmerton, PA)	P H	117	3,623	2,340
SLRD Facility (Mullica Hill, NJ)	P H	24	793	480
Bellmawr Waterfront Development (Bellmawr, NJ)	H	18	640	360
Lyndhurst (Lyndhurst, NJ)	P	41	1,318	820
South Kearny (South Kearny, NJ)	L	108	3,356	2,160
Millington (Millington, NJ)	P	67	2,365	1,360

P – Non-hazardous petroleum impacted fill
H – Non-hazardous historic fill
L – Hazardous lead-contaminated soil

Locations of original sources and extent of excavation for each grid are shown on Figure 4.

A contour map of the post-remediation sub-grade topography, showing the base of the excavation, is included in Appendix T.

4.5 UST Removals

On August 27 and 28, 2007, nine 550-gallon USTs were discovered in the southwestern portion of the site. One of the 550-gallon USTs contained a small volume of petroleum

contact water (PCW) (less than 1 gallon). All other USTs in this cluster were filled with concrete.

On September 4, 2007, a UST was discovered in the southeastern corner of the site (Grid A-3). Ten days later, on September 14, 2007, an additional three 550-gallon USTs were discovered adjacent to the UST in Grid A-3. These USTs all contained PCW.

The USTs discovered in August and September were vacuumed, cleaned, removed and transported off-Site on September 14, 2007 by Brookside Environmental of College Point, New York.

On October 5, 2007, a UST containing some PCW was discovered in the southeastern corner of the site (grid A-2). On October 8, 2007, this UST was pumped out and removed by Brookside Environmental.

On October 25, 2007, a concrete-encased UST, containing no residual petroleum or PCW, was discovered in the center of the Site. On December 21, 2007, this UST was removed by Cardella Trucking of North Bergen, New Jersey.

A digital copy of all UST removal documents is presented in Appendix U.

4.6 Remedial Performance – Excavation to Bedrock

As detailed in FLS' June 2007 RAWP, the remedial action selected to address soil contamination at the site was removal of all material to bedrock. As remedial performance samples could not be collected at the base of the excavation, the NYSDEC periodically conducted site inspections to determine compliance with the RAWP. The NYSDEC's inspection reports and January 9, 2008 letter (all of which are included in Appendix V) confirm that all soil was removed to bedrock in accordance with the RAWP.

A contour map of the post-remediation sub-grade topography, showing the base of the excavation, is included in Appendix T.

4.7 Remedial Performance – (End-Point) Sample Results

End-point samples were collected to document any off-Site contaminants, at levels above the UUSCOs, in soils immediately adjacent to the Site. The end-point sample results are included in Tables 1 through 4. A summary of the sampling results is included on Figure 5. A digital copy of the laboratory analytical reports is included in Appendix J.

A Data Usability Summary Report (DUSR) of the end-point sample data was prepared by Chemworld Environmental, Inc. (Chemworld) of Rockville, Maryland. Tables 1 through 4 reflect the updated qualifiers detailed in the DUSR. A digital copy of the DUSR is included in Appendix W. The DUSR indicates that all data results for these samples are usable.

On January 7, 2008, twelve sidewall end-point samples were collected along the southern and northern extent of the excavation. End-point samples were not collected along the eastern border, as soil was not present (due to a building footed into bedrock and an adjacent, non-BCP lot also excavated to bedrock). Additional excavation will be completed to the west, within Area B, and, therefore, end-point samples were not collected; however, as described in Section 4.8 below, samples were collected from some structural soils that will remain.

Upon completion of the remedial activities, end-point samples were collected from the sidewall in each grid location, directly above the bedrock. This depth corresponds to the location of highest suspected contamination based on visual and olfactory observation and PID readings.

Soil samples were collected, immediately stored on wet ice, and transported to Accutest Laboratories, a NYSDOH Environmental Laboratory Accreditation Program (ELAP)-approved laboratory for analysis of VOCs by EPA Method 8260; SVOCs by EPA Method 8270; metals by EPA Methods 6010, SW846 3060/7196 and SW846 7471A; pesticides by EPA Method 8081; and PCBs by EPA Method 8082. End-point soil sample locations are depicted on Figure 5.

UUSCO exceedances were recorded in the following end-point samples and depth intervals: A-1 (12-14’), A-2 (8-10’), A-9 (28-30’), G-1 (36-38’), G-2(33-35’) and G-5 (28-30’). Five metals (trivalent chromium, copper, lead, mercury and zinc) and one pesticide (4,4’-DDT) were detected above the UUSCOs in these samples.

4.8 Remedial Performance – Structural Soils

Soil samples were collected from three areas to document the soils that cannot be removed from the Site due to structural concerns associated with the 11th Avenue viaduct. These areas are located under the bulkhead wall in the southwest and northwest areas of the Site and at the base of the pier supporting 11th Avenue that extends onto Area A. Although the volume of soil in these areas is minimal, as shown in the photograph log (Appendix O), removal of this material may lead to the collapse of the 11th Avenue viaduct.

Soil samples were collected, immediately stored on wet ice, and transported to Accutest Laboratories, a NYSDOH Environmental Laboratory Accreditation Program (ELAP)-approved laboratory for analysis of VOCs by EPA Method 8260; SVOCs by EPA Method 8270; metals by EPA Methods 6010, SW846 3060/7196 and SW846 7471A; pesticides by EPA Method 8081; and PCBs by EPA Method 8082. Structural soil sample locations are depicted on Figure 5. The end-point sample results are included in Tables 12 through 15. Digital copies of the laboratory analytical reports are included in Appendix J. Concentrations for all parameters were below the UUSCOs.

A DUSR for the analytical data for the structural soil samples was prepared by Chemworld. Tables 12 through 15 reflect the updated qualifiers detailed in the DUSR. A digital copy of the DUSR is included in Appendix W. The DUSR indicates that all data results for these samples are usable.

4.9 Backfill

In accordance with the SoMP, a representative of the RE oversaw the importing of all backfill into the site. Backfilling was completed in two stages. The first stage was to level the base of the excavation at approximately 25 ft-bg. This first stage was completed by the Volunteer's contractor, Laquila. The second stage was to raise the Site grade to that of the surrounding sidewalk grade. This was completed at the request of MTA's contractor, S3II Tunnel Constructors (S3II), to aid in their operations for the extension of the No. 7 subway line.

Between December 18, 2007 and January 4, 2008, during the remedial excavation period, some backfill was imported to the site. Approximately 3,000 tons of chopped and grated bedrock were imported from the Tishman Construction site on Columbus Avenue

between West 100th Street and West 97th Street in Manhattan. The source was inspected and approved by NYSDEC, as detailed in the December 17, 2007 inspection report, included digitally in Appendix V.

Additional backfill material was imported to the site by S3II during construction of the shaft for the No. 7 subway extension. Between February 19 and April 7, 2008, approximately 51,160 tons of material were imported to the site under a bill-of-lading tracking system. Information regarding the clean fill imported to the site is included in Appendix X. The fill consisted of four (4) types of material; material generated by the East Side Access (ESA) project, raw sand, crushed stone, and ¾ inch gravel. Information regarding these fill types is provided below.

East Side Access Project Material

The majority of the material was imported from the ESA project, which is the extension of the Long Island Rail Road (LIRR) track system through Grand Central Terminal before continuing on to its current western terminus at Pennsylvania Station. The tracks will be routed through two tunnels bored through bedrock under the East River. ESA material was generated from two tunnel boring machines (TBMs) operating under the East River in New York City by the ESA project and transported to the site by New York Dirt of Mineola, New York. A total of approximately 7,150 tons of ESA material was imported to the site. The TBMs remove the bedrock by cutting/crushing it into a usable product called "muck", which was then delivered by conveyor to the MTA's Sunnyside Yards in Queens, New York. On March 24, 2008, the NYSDEC and a representative of the RE inspected the ESA material at the staging grounds. The inspection was conducted to verify that the source was consistent with the descriptions provided by the MTA and that the material was not impacted to great degree by the removal process. On March 25, 2008, FLS submitted to the NYSDEC a summary letter, a detailed description of the project including a site location map, and multiple analytical reports from samples of the TBM muck. A March 26, 2008 letter from NYSDEC confirmed that the TBM muck meets the Track 1 requirements and required that the material be managed in accordance with the June 2007 Soil Management Plan (SoMP). Correspondence and other information regarding the ESA material is included in Appendix X.

Other Material Sources

As required in the June 2007 SoMP, the MTA also provided information, including analytical data and correspondence from generators, verifying that the remaining three

sources of materials originated from virgin sources. This information, which was included in FLS' June 6, 2008 letter to NYSDEC, has been provided in Appendix X. All results for materials met the UUSCOs. As detailed in an August 28, 2008 letter from NYSDEC, all materials were approved as being consistent with a Track 1 cleanup. Additional information regarding the soil imported to the site by S3II is included below.

Raw Sand. Raw sand imported to the site was generated by Amboy Aggregates of South Amboy, New Jersey. The sand was dredged from the Ambrose Channel in Lower New York Bay under Federal and New Jersey Department of Environmental Protection (NJDEP) permits #2001-00492 and # 84-0745 respectively. Material was delivered either directly from Amboy Aggregates or from New York Sand & Stone, LLC of Brooklyn, New York. A total of approximately 7,700 tons of raw sand was imported to the site.

Crushed Stone. Crushed stone imported to the Site was generated by two facilities; Aggregate Manufacture and Export in Bayside, New Brunswick, Canada and Tilcon New York Inc. Haverstraw Quarry in Haverstraw, New York (Tilcon). In some cases, the crushed stone was mixed with the raw sand detailed above to create "item 4 sub-base," which compacts better than straight crushed stone or raw sand. Material was delivered to the Site by New York Sand & Stone, LLC. Both generators provided analytical data and verified the material was generated from a virgin source. A total of approximately 35,870 tons of crushed stone was imported to the site.

Gravel. Gravel measuring ¾ inch, imported to the site by Ferraro Brothers of College Point, New York, was also generated by Tilcon. A total of approximately 440 tons of gravel was imported to the Site.

All materials imported to the Site were screened visually and with a PID for evidence of potentially contaminated soil by the representative of the RE. No evidence of contamination above the UUSCOs was detected in the materials imported to the site during backfilling activities by either visual or PID screening. Placement of screened backfill on the Site was approved by the RE representative.

4.10 Engineering Control Systems and Institutional Controls

All contaminated soils and groundwater were removed from Area A, thereby achieving a Track 1 remediation. As such, no institutional or engineering controls are required.

4.11 Deviations from the Remedial Action Work Plan

Subsequent to preparation of the RAWP, it became apparent that the remedy for the Site could not be implemented as described in the RAWP due to 1) site conditions, and, 2) scheduling. Each of these factors is discussed below.

Site Conditions

As detailed in Section 4.2.6.3, groundwater was not encountered during excavation activities. The June 2007 RAWP contemplated that groundwater was to be removed from the site and treated prior to its discharge to the New York City sewer system through the use of construction dewatering. However, as groundwater was not encountered, there was no need to conduct construction dewatering. The water that was encountered and removed from the site was limited to perched water, rain water accumulating in the depressions of the exposed bedrock, and excess water flowing into the site from outside sources (leaking fire hydrants, old piping, etc.). Any accumulated water was removed from the site with a small pump and discharged to the City's combined sewer system.

Prior to excavation the eastern bulkhead wall and the supporting structural pier were thought to be on competent bedrock throughout the site. Excavation revealed that, while much of the bulkhead wall does rest on top of bedrock, the northern and southern sections rest atop dense silty sand and native glacial till. This is also the case with the pier located in grid B7. As described in Section 4.8, this sand and till was found to meet Track 1 cleanup standards. Soils in these areas were deemed structurally significant by NYSDEC and were left so as not to compromise the structural integrity of the Amtrak easement.

Scheduling

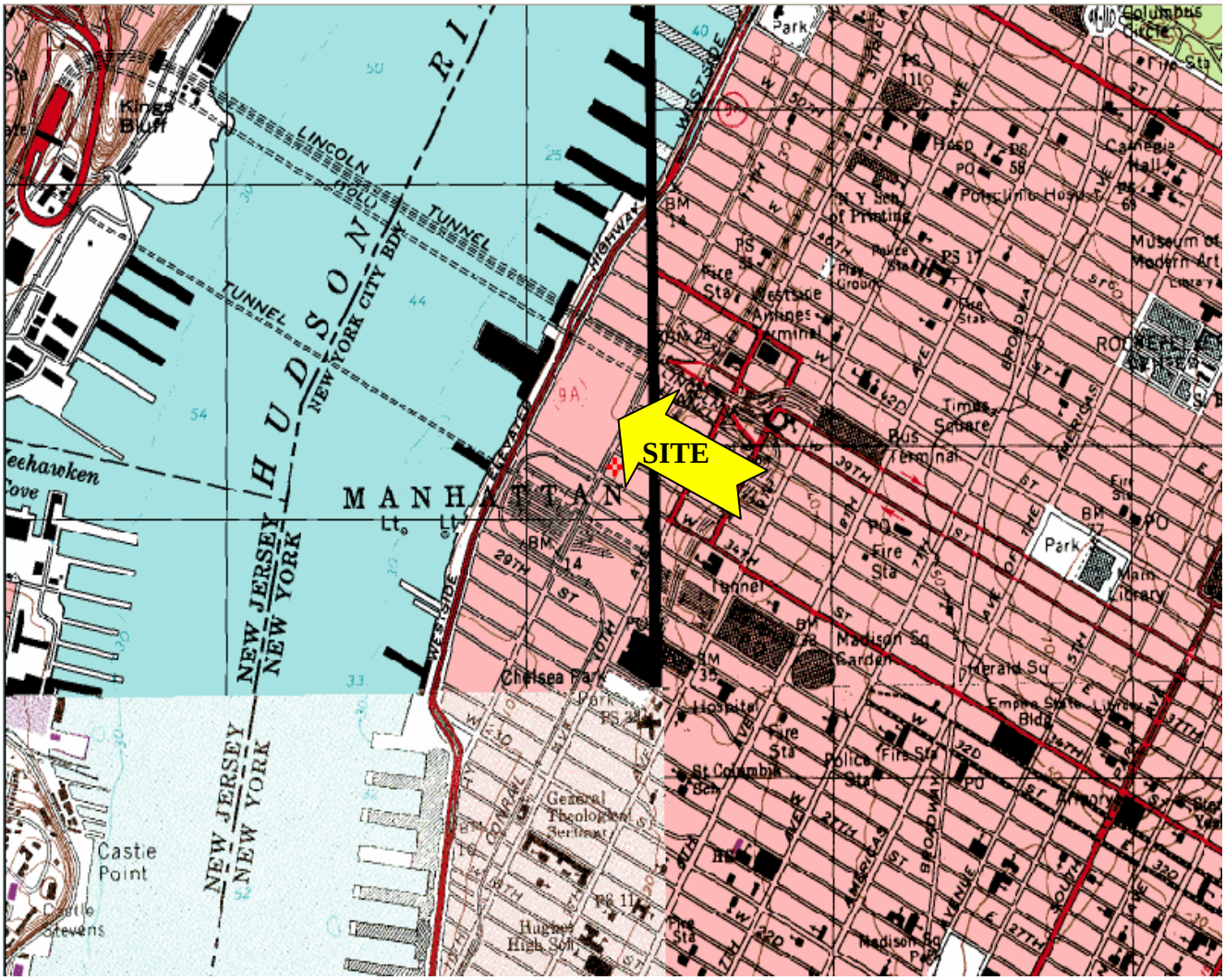
Originally the site was to be lowered to the desired depth through the chopping/blasting of bedrock, and the subsequent rock used to level other depressions in the site. In order to compress the project schedule, the chopping of rock was stopped. Rock generated from that operation was used to construct the 34th Street ramp. Subsequently, rock to fill in depressions in the bedrock and bring the site up to a final elevation was imported from the Tishman Construction site in on Columbus Avenue between West 100th Street and West 97th Street in Manhattan, as discussed in Section 4.9. A representative of the RE screened each load for visual and/or olfactory evidence of contamination. Additional backfill material was imported by the MTA's contractor, as also discussed in Section 4.9.

This material was also screened by a representative of the RE prior to placement on site.

4.12 Estimated Costs

An estimate of the costs incurred to-date and future costs are included in Appendix Y. A final detailing of the costs associated with implementing the June 2007 RAWP will be provided at the end of the project.

Figures



Site: *Weehawken USGS Topographic Map (79287)*
Also shown: *Central Park USGS Topographic Map (84573)*
Brooklyn USGS Topographic Map (84524)
Jersey City USGS Topographic Map (79210)
Obtained from: *topozone.com ©1999-2006*

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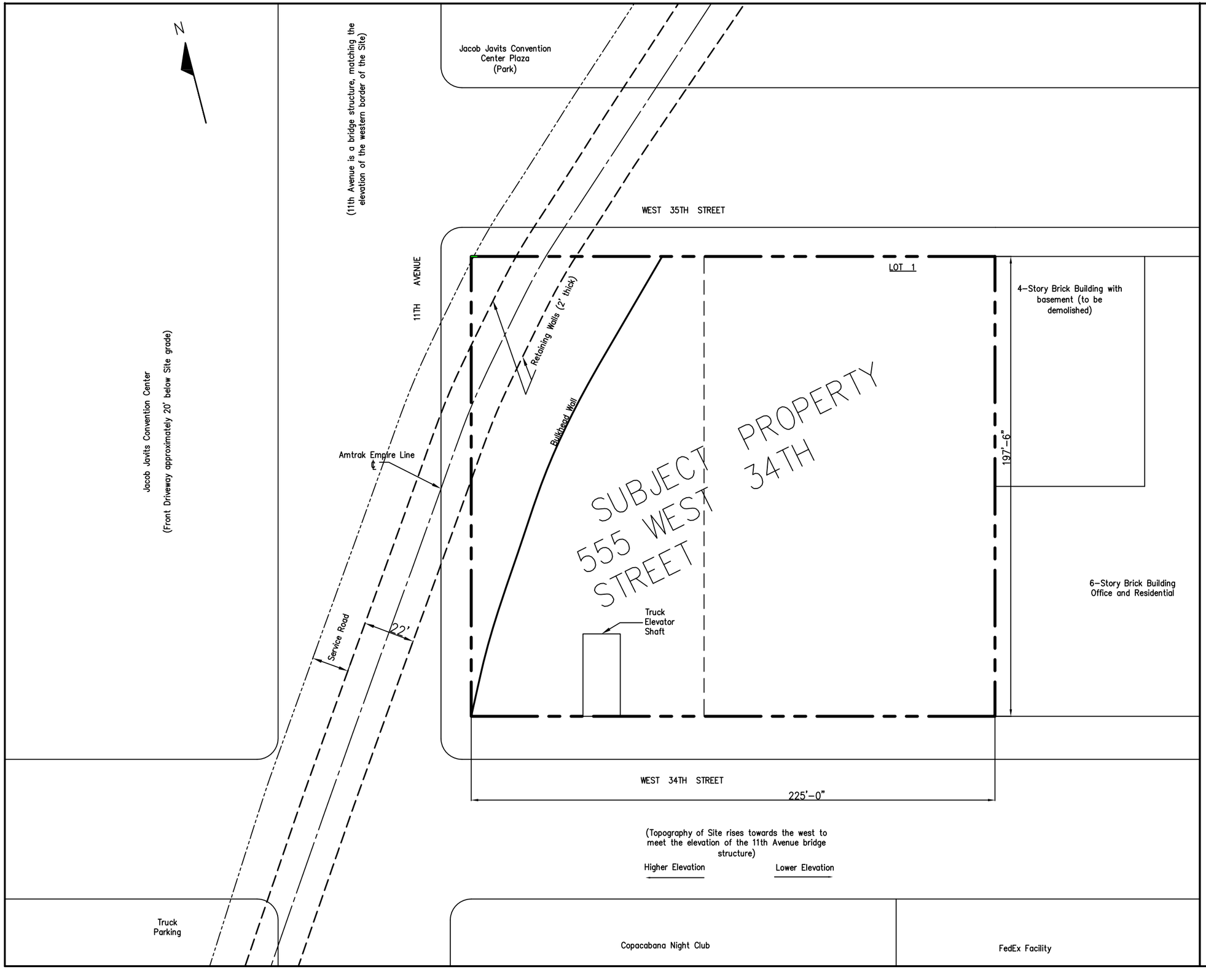
FIGURE 1: SITE LOCATION MAP

SITE: W 34th Street Development
New York, New York
CLIENT: Meushar 34th Street, LLC c/o The Moinian Group



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158 West 29th Street, 9th Floor
New York, NY 10001

FIGURE 2

West 34th Street Development
New York, NY

SITE MAP

Date
June 2010

Project Number
10090-001

LEGEND

PROPERTY BORDER

40 20 0 40

P:\Project Files\10090 - The Moinian Group\001 - Moinian 34th SIVER\Figures\Moinian_West 34th Street_RAWP_Figure 4_Proposed Sample LocationsAvg

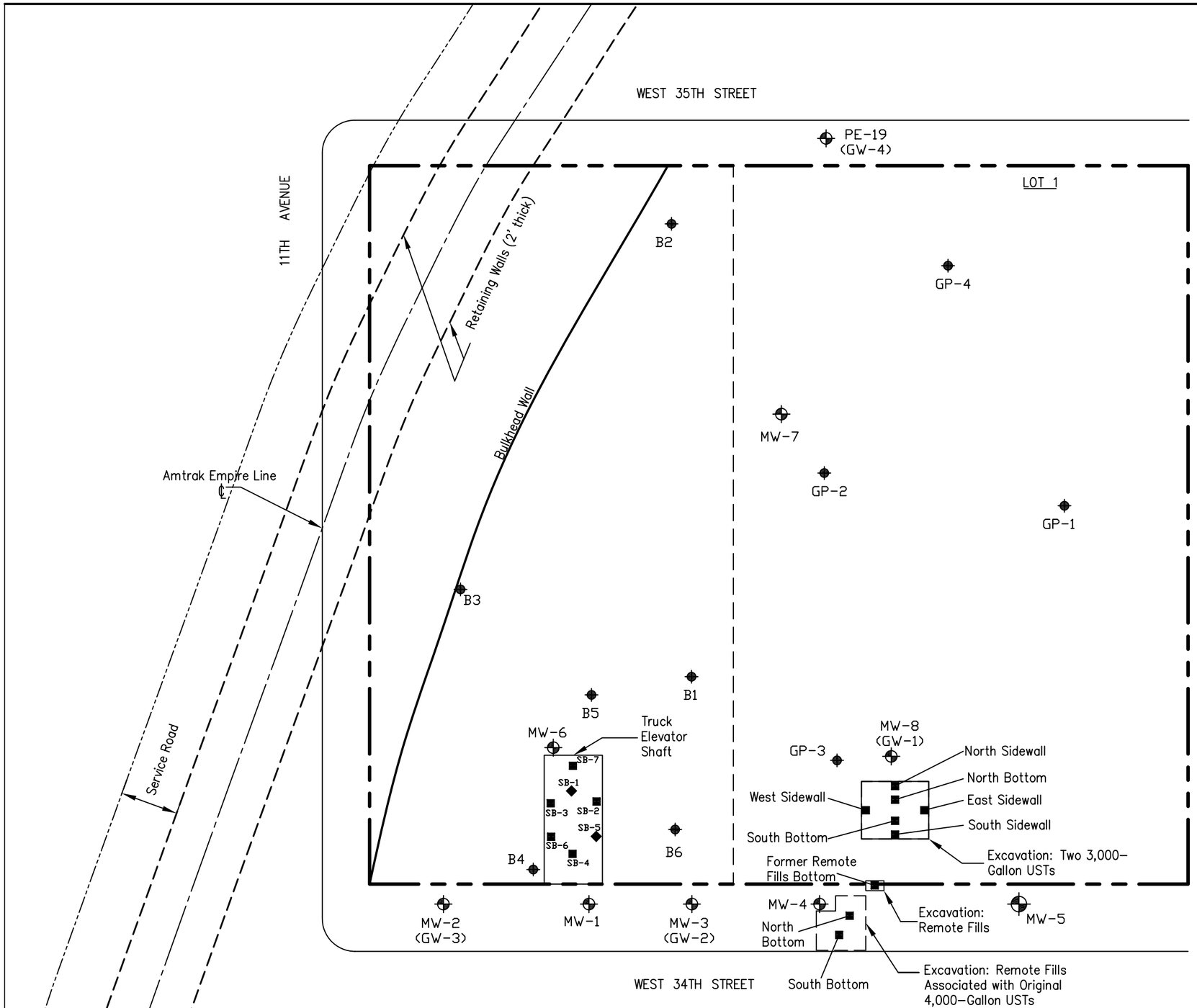

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FIGURE 3

West 34th Street Development
New York, NY

SOIL AND GROUNDWATER SAMPLE LOCATIONS

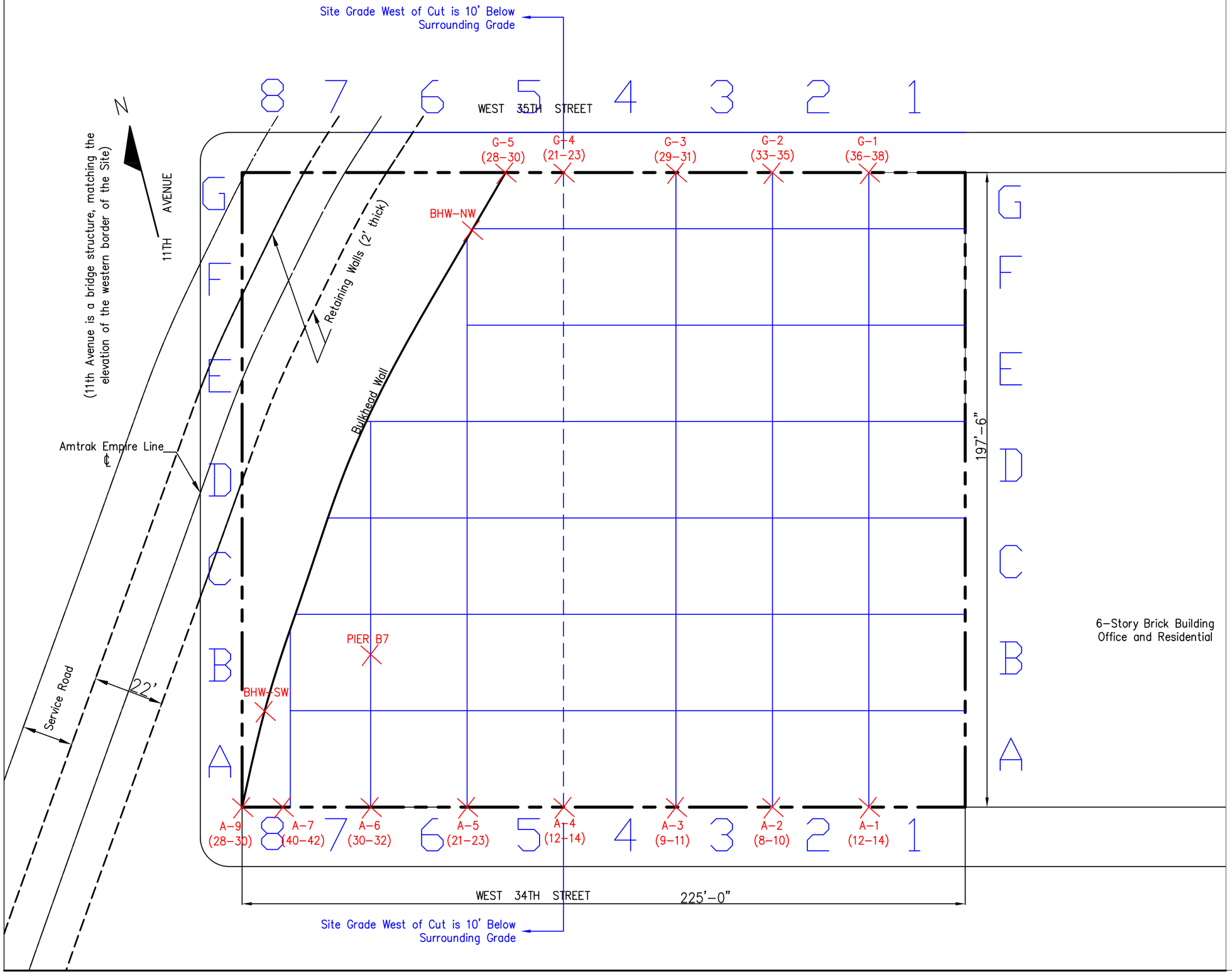
Date
JUNE 2007

Project Number
10090-001

LEGEND

- — — APPROXIMATE EXTENT OF EXCAVATIONS
- MONITORING WELLS
- PARSONS BRINCKERHOFF SAMPLE LOCATIONS (Only soil samples collected)
- ENVIROTRAC SAMPLE LOCATIONS (Only soil samples collected)
- ENVIROTRAC SAMPLE LOCATIONS (Soil and groundwater samples collected)

30 15 0 30



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New York, NY 10001

FIGURE 4

West 34th Street Development
New York, NY

WASTE CHARACTERIZATION SAMPLING GRID AND EXTENT OF EXCAVATION

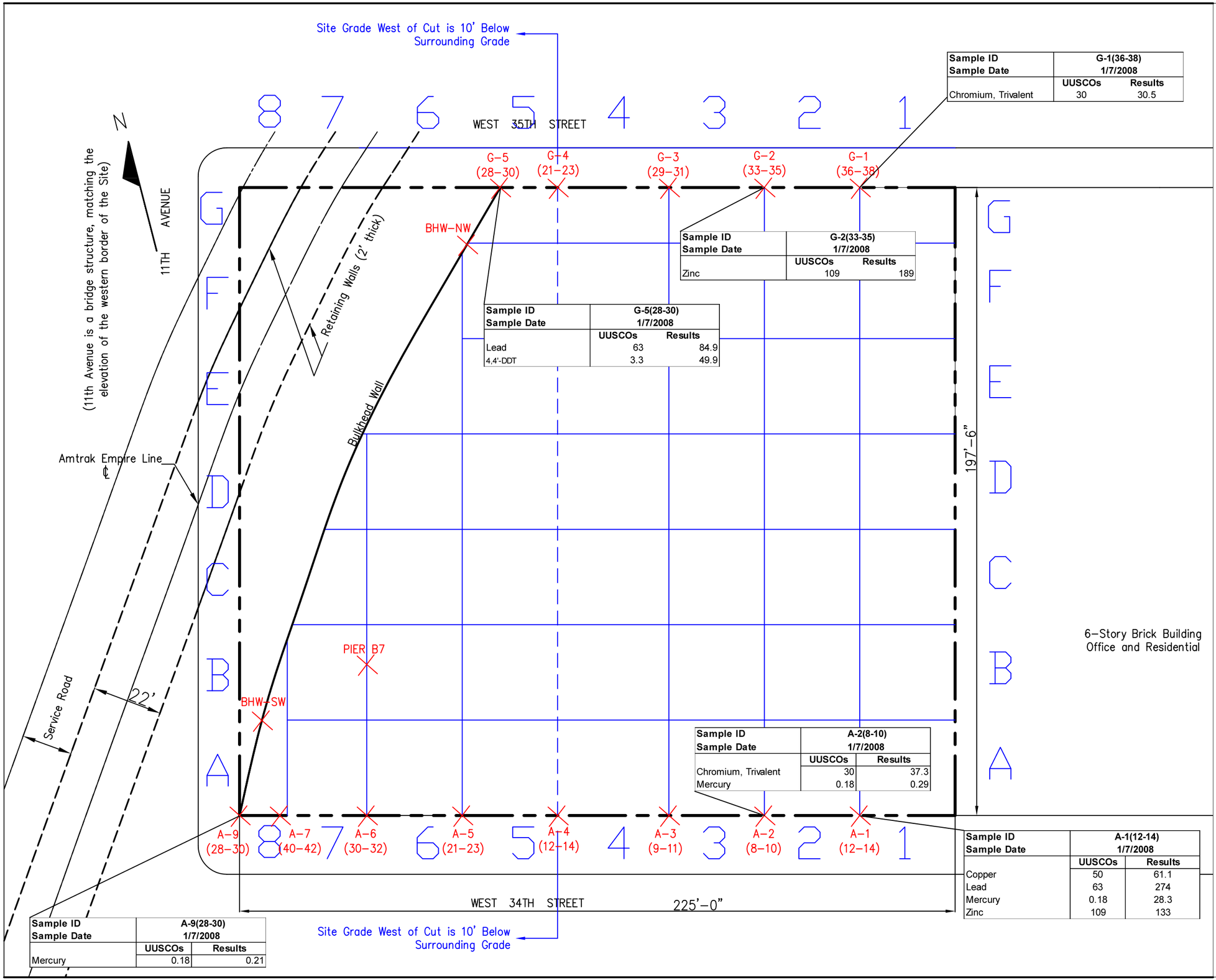
Date
June 2010

Project Number
10090-001

LEGEND

- PROPERTY BORDER
- APPROXIMATE 30' x 30' GRID
- ENDPOINT SAMPLE LOCATION
- A-1 (9-10) DEPTH OF EXCAVATION (in feet below ground surface)

30 0 30



Sample ID	G-1(36-38)	
Sample Date	1/7/2008	
	UUSCOs	Results
Chromium, Trivalent	30	30.5

Sample ID	G-2(33-35)	
Sample Date	1/7/2008	
	UUSCOs	Results
Zinc	109	189

Sample ID	G-5(28-30)	
Sample Date	1/7/2008	
	UUSCOs	Results
Lead	63	84.9
4,4'-DDT	3.3	49.9

Sample ID	A-2(8-10)	
Sample Date	1/7/2008	
	UUSCOs	Results
Chromium, Trivalent	30	37.3
Mercury	0.18	0.29

Sample ID	A-1(12-14)	
Sample Date	1/7/2008	
	UUSCOs	Results
Copper	50	61.1
Lead	63	274
Mercury	0.18	28.3
Zinc	109	133

Sample ID	A-9(28-30)	
Sample Date	1/7/2008	
	UUSCOs	Results
Mercury	0.18	0.21

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New York, NY 10001

FIGURE 5

West 34th Street Development
New York, NY

ENDPOINT SAMPLE REULTS

Date
June 2010

Project Number
10090-001

LEGEND

PROPERTY BORDER

APPROXIMATE 30' x 30' GRID

ENDPOINT SAMPLE LOCATION

A-1 (9-10) SAMPLE DEPTH INTERVAL (in feet below ground surface)

Notes:
Only Exceedances are reported.

Results are comapred to 6 NYCRR Table 375-6.8(b) Unrestricted Use Soil Cleanup Objectives(UUSCOs).

Values reported in micrograms per kilogram(ug/kg) except for metals, which are reported in milligrams per kilogram(mg/kg).

30 0 30

Tables

Table 1
Summary of Volatile Organic Compounds for End-Point Soil Samples
Compared to Track 1 - Unrestricted Use
Area A
West 34th Street and 11th Avenue
New York, NY
BCP # C231049

Client ID Lab Sample ID Date Sampled	Part 375 Unrestricted Use SCOs	A-1(12-14) J80708-1 1/7/2008			A-2(8-10) J80708-2 1/7/2008			A-3(9-11) J80708-3 1/7/2008			A-4(12-14) J80708-4 1/7/2008			A-5(21-23) J80708-5 1/7/2008			A-6(30-32) J80708-6 1/7/2008			A-7(40-42) J80708-7 1/7/2008			A-9(28-30) J80708-13 1/7/2008		
		Result	Q_1	Q_2	Result	Q_1	Q_2	Result	Q_1	Q_2	Result	Q_1	Q_2	Result	Q_1	Q_2	Result	Q_1	Q_2	Result	Q_1	Q_2	Result	Q_1	Q_2
Volatiles (ppb)																									
Acetone	50	5.0	U		5.8	U		5.8	U		4.9	U		5.2	U		4.5	U		5.2	U		4.8	U	
Benzene	60	0.88	U		1.0	U		1.0	U		0.87	U		0.93	U		0.79	U		0.93	U		0.84	U	
Bromodichloromethane	NS	0.30	U		0.36	U		0.35	U		0.30	U		0.32	U		0.27	U		0.32	U		0.29	U	
Bromoform	NS	1.0	U		1.2	U		1.2	U		0.99	U		1.0	U		0.89	U		1.0	U		0.95	U	
Bromomethane	NS	0.59	U		0.70	U		0.69	U		0.59	U		0.62	U		0.53	U		0.62	U		0.57	U	
2-Butanone (MEK)	120	3.4	U		4.0	U		4.0	U		3.4	U		3.6	U		3.1	U		3.6	U		3.3	U	
n-Butylbenzene	12000	0.31	U		0.36	U		0.36	U		0.31	U		0.32	U		0.28	U		0.32	U		0.30	U	
sec-Butylbenzene	11000	0.58	U		0.68	U		0.67	U		0.57	U		0.61	U		0.52	U		0.61	U		0.55	U	
tert-Butylbenzene	5900	0.33	U		0.39	U		0.39	U		0.33	U		0.35	U		0.30	U		0.35	U		0.32	U	
Carbon disulfide	NS	0.35	U		0.42	U		0.41	U		0.35	U		0.37	U		0.32	U		0.37	U		0.34	U	
Carbon tetrachloride	760	0.30	U		0.36	U		0.35	U		0.30	U		0.32	U		0.27	U		0.32	U		0.29	U	
Chlorobenzene	1100	0.68	U		0.80	U		0.79	U		0.67	U		0.71	U		0.61	U		0.71	U		0.65	U	
Chloroethane	NS	0.63	U		0.74	U		0.73	U		0.63	U		0.66	U		0.57	U		0.66	U		0.60	U	
Chloroform	370	0.48	U		0.57	U		0.56	U		0.48	U		0.51	U		0.43	U		0.51	U		0.46	U	
Chloromethane	NS	0.64	U		0.75	U		0.74	U		0.63	U		0.67	U		0.57	U		0.67	U		0.61	U	
Dibromochloromethane	NS	0.26	U		0.30	U		0.30	U		0.25	U		0.27	U		0.23	U		0.27	U		0.24	U	
1,1-Dichloroethane	270	0.84	U		0.99	U		0.98	U		0.83	U		0.88	U		0.75	U		0.88	U		0.80	U	
1,2-Dichloroethane	20	0.29	U		0.34	U		0.33	U		0.28	U		0.30	U		0.26	U		0.30	U		0.27	U	
1,1-Dichloroethene	330	0.56	U		0.66	U		0.65	U		0.56	U		0.59	U		0.51	U		0.59	U		0.54	U	
cis-1,2-Dichloroethene	250	0.23	U		0.27	U		0.27	U		0.23	U		0.25	U		0.21	U		0.25	U		0.22	U	
trans-1,2-Dichloroethene	190	0.67	U		0.79	U		0.78	U		0.67	U		0.71	U		0.60	U		0.71	U		0.64	U	
1,2-Dichloroethene (total)	NS	0.23	U		0.27	U		0.27	U		0.23	U		0.25	U		0.21	U		0.25	U		0.22	U	
1,2-Dichloropropane	NS	0.50	U		0.59	U		0.58	U		0.50	U		0.53	U		0.45	U		0.53	U		0.48	U	
cis-1,3-Dichloropropene	NS	0.61	U		0.72	U		0.71	U		0.60	U		0.64	U		0.55	U		0.64	U		0.58	U	
trans-1,3-Dichloropropene	NS	0.98	U		1.2	U		1.1	U		0.97	U		1.0	U		0.88	U		1.0	U		0.94	U	
1,4-Dioxane	100	46	U		54	U		53	U		46	U		48	U		41	U		48	U		44	U	
Ethylbenzene	1000	0.59	U		0.69	U		0.68	U		0.58	U		0.62	U		0.53	U		0.62	U		0.56	U	
2-Hexanone	NS	2.1	U		2.5	U		2.4	U		2.1	U		2.2	U		1.9	U		2.2	U		2.0	U	
Methyl Tert Butyl Ether	930	0.77	U		0.90	U		0.89	U		0.76	U		0.80	U		0.69	U		0.80	U		0.73	U	
4-Methyl-2-pentanone(MIBK)	NS	2.4	U		2.8	U		2.8	U		2.4	U		2.5	U		2.2	U		2.5	U		2.3	U	
Methylene chloride	50	0.57	U		0.67	U		0.66	U		0.57	U		0.60	U		0.51	U		0.60	U		0.55	U	
n-Propylbenzene	3900	0.35	U		0.42	U		0.41	U		0.35	U		0.37	U		0.32	U		0.37	U		0.34	U	
Styrene	NS	0.28	U		0.33	U		0.32	U		0.27	U		0.29	U		0.25	U		0.29	U		0.26	U	
1,1,2,2-Tetrachloroethane	NS	0.36	U		0.42	U		0.41	U		0.35	U		0.37	U		0.32	U		0.37	U		0.34	U	
Tetrachloroethene	1300	0.41	U		0.48	U		0.47	U		0.40	U		0.42	U		0.36	U		0.43	U		0.39	U	
Toluene	700	0.51	U		0.60	U		0.59	U		0.51	U		0.54	U		0.46	U		0.54	U		0.49	U	
1,1,1-Trichloroethane	680	0.46	U		0.54	U		0.53	U		0.45	U		0.48	U		0.41	U		0.48	U		0.44	U	
1,1,2-Trichloroethane	NS	0.36	U		0.42	U		0.41	U		0.35	U		0.37	U		0.32	U		0.37	U		0.34	U	
Trichloroethene	470	0.39	U		0.46	U		0.46	U		0.39	U		0.41	U		0.35	U		0.41	U		1.9	J	
1,2,4-Trimethylbenzene	3600	0.29	U		0.34	U		0.33	U		0.29	U		0.30	U		0.26	U		0.30	U		0.28	U	
1,3,5-Trimethylbenzene	8400	0.41	U		0.48	U		0.48	U		0.41	U		0.43	U		0.37	U		0.43	U		0.39	U	
Vinyl chloride	20	0.68	U		0.79	U		0.78	U		0.67	U		0.71	U		0.61	U		0.71	U		0.65	U	
Xylene (total)	260	0.32	U		0.37	U		0.37	U		0.31	U		0.28	U		0.33	U		0.30	U		0.30	U	
Total VOCs		0.0			0.0			0.0			0.0			0.0			0.0			0.0			0.0		

Notes:
VOCs = Volatile Organic Compounds
Soil samples analyzed for VOCs by EPA Method 8260.
Units in (ppb) = parts per billion (µg/kg)
Q_1 = Lab qualifier from Accutest Laboratories
U - Below Dectection Limit
J - Estimated value detected above qualitative method detection limit (MDL)
& below the quantitative reporting detection limit (RDL).
Q_2 = Lab qualifier from Chemworld Environmental, Inc.
For explanation of Q_2 qualifiers, see Table 8
NYSDEC Track 1 Unrestricted Use Soil Cleanup Objectives (SCOs)
values from 6 New York City Rules and Regulations (NYCRR)
Part 375-6.8 Table 375-6.8(a): Unrestricted Use SCOs
NS = No Standard
NA = Not analyzed
Exceedances in **bold.**

Table 1
Summary of Volatile Organic Compounds for End-Point Soil Samples
Compared to Track 1 - Unrestricted Use
Area A
West 34th Street and 11th Avenue
New York, NY
BCP # C231049

Client ID Lab Sample ID Date Sampled	Part 375 Unrestricted Use SCOs	G-1(36-38) J80708-8 1/7/2008			G-2(33-35) J80708-9 1/7/2008			G-3(29-31) J80708-10 1/7/2008			G-4(21-23) J80708-11 1/7/2008			G-5(28-30) J80708-12 1/7/2008			FB-SOIL J80708-15 1/7/2008			FB-SOIL J80708-14 1/7/2008			TRIP BLANK J80708-16 1/7/2008		
		Result	Q_1	Q_2	Result	Q_1	Q_2	Result	Q_1	Q_2	Result	Q_1	Q_2	Result	Q_1	Q_2	Result	Q_1	Q_2	Result	Q_1	Q_2	Result	Q_1	Q_2
Volatiles (ppb)																									
Acetone	50	5.3	U		5.2	U		5.7	U		5.1	U		4.9	U		5.0	U		2.9	U	UJ	2.9	U	UJ
Benzene	60	0.95	U		0.91	U		1.0	U		0.90	U		0.87	U		0.88	U		0.19	U		0.19	U	
Bromodichloromethane	NS	0.33	U		0.31	U		0.35	U		0.31	U		0.30	U		0.30	U		0.15	U		0.15	U	
Bromoform	NS	1.1	U		1.0	U		1.1	U		1.0	U		0.99	U		1.0	U		0.34	U		0.34	U	
Bromomethane	NS	0.63	U		0.61	U		0.68	U		0.60	U		0.59	U		0.59	U		0.38	U		0.38	U	
2-Butanone (MEK)	120	3.7	U		3.6	U		3.9	U		3.5	U		3.4	U		3.4	U		2.7	U		2.7	U	
n-Butylbenzene	12000	0.33	U		0.32	U		0.35	U		0.32	U		0.31	U		0.31	U		0.56	U		0.56	U	
sec-Butylbenzene	11000	0.62	U		0.60	U		0.66	U		0.59	U		0.57	U		0.68	U		0.27	U		0.27	U	
tert-Butylbenzene	5900	0.36	U		0.35	U		0.38	U		0.34	U		0.33	U		0.39	U		0.15	U		0.15	U	
Carbon disulfide	NS	0.38	U		0.37	U		0.41	U		0.36	U		0.35	U		0.35	U		0.14	U		0.14	U	
Carbon tetrachloride	760	0.33	U		0.31	U		0.35	U		0.31	U		0.30	U		0.30	U		0.19	U		0.19	U	
Chlorobenzene	1100	0.73	U		0.70	U		0.78	U		0.69	U		0.67	U		0.68	U		0.19	U		0.19	U	
Chloroethane	NS	0.68	U		0.66	U		0.73	U		0.65	U		0.63	U		0.63	U		0.67	U		0.67	U	
Chloroform	370	0.52	U		0.50	U		0.55	U		0.49	U		0.48	U		0.48	U		0.25	U		0.25	U	
Chloromethane	NS	0.69	U		0.66	U		0.73	U		0.65	U		0.63	U		0.64	U		0.30	U		0.30	U	
Dibromochloromethane	NS	0.27	U		0.26	U		0.29	U		0.26	U		0.25	U		0.26	U		0.28	U		0.28	U	
1,1-Dichloroethane	270	0.90	U		0.87	U		0.97	U		0.86	U		0.83	U		0.84	U		0.20	U		0.20	U	
1,2-Dichloroethane	20	0.31	U		0.30	U		0.33	U		0.29	U		0.28	U		0.29	U		0.29	U		0.29	U	
1,1-Dichloroethene	330	0.61	U		0.58	U		0.65	U		0.58	U		0.56	U		0.57	U		0.28	U		0.28	U	
cis-1,2-Dichloroethene	250	0.25	U		0.24	U		0.27	U		0.24	U		0.23	U		0.23	U		0.27	U		0.27	U	
trans-1,2-Dichloroethene	190	0.72	U		0.70	U		0.77	U		0.69	U		0.67	U		0.68	U		0.32	U		0.32	U	
1,2-Dichloroethene (total)	NS	0.25	U		0.24	U		0.27	U		0.24	U		0.23	U		0.23	U		0.27	U		0.27	U	
1,2-Dichloropropane	NS	0.54	U		0.52	U		0.58	U		0.51	U		0.50	U		0.50	U		0.24	U		0.24	U	
cis-1,3-Dichloropropene	NS	0.65	U		0.63	U		0.70	U		0.62	U		0.60	U		0.61	U		0.13	U		0.13	U	
trans-1,3-Dichloropropene	NS	1.1	U		1.0	U		1.1	U		1.0	U		0.97	U		0.98	U		0.17	U		0.17	U	
1,4-Dioxane	100	49	U		48	U		53	U		47	U		46	U		46	U		47	U		47	U	
Ethylbenzene	1000	0.63	U		0.61	U		0.68	U		0.60	U		0.58	U		0.59	U		0.21	U		0.21	U	
2-Hexanone	NS	2.3	U		2.2	U		2.4	U		2.1	U		2.1	U		2.1	U		0.94	U		0.94	U	
Methyl Tert Butyl Ether	930	0.82	U		0.79	U		0.88	U		0.78	U		0.76	U		0.77	U		0.20	U		0.20	U	
4-Methyl-2-pentanone(MIBK)	NS	2.6	U		2.5	U		2.8	U		2.5	U		2.4	U		2.4	U		1.4	U		1.4	U	
Methylene chloride	50	0.61	U		0.59	U		0.66	U		0.58	U		0.57	U		0.57	U		0.21	U		0.21	U	
n-Propylbenzene	3900	0.38	U		0.37	U		0.41	U		0.36	U		0.35	U		0.35	U		0.74	U		0.74	U	
Styrene	NS	0.30	U		0.29	U		0.32	U		0.28	U		0.27	U		0.28	U		0.20	U		0.20	U	
1,1,2,2-Tetrachloroethane	NS	0.38	U		0.37	U		0.41	U		0.36	U		0.35	U		0.36	U		0.80	U		0.80	U	
Tetrachloroethene	1300	0.43	U		0.42	U		0.47	U		0.41	U		0.40	U		0.41	U		0.28	U		0.28	U	
Toluene	700	0.55	U		0.53	U		0.59	U		0.52	U		0.51	U		0.51	U		0.21	U		0.21	U	
1,1,1-Trichloroethane	680	0.49	U		0.48	U		0.53	U		0.47	U		0.45	U		0.46	U		0.30	U		0.30	U	
1,1,2-Trichloroethane	NS	0.38	U		0.37	U		0.41	U		0.36	U		0.35	U		0.36	U		0.49	U		0.49	U	
Trichloroethene	470	0.42	U		0.41	U		0.45	U		0.40	U		0.39	U		0.40	U		0.26	U		0.26	U	
1,2,4-Trimethylbenzene	3600	0.31	U		0.30	U		0.33	U		0.29	U		0.29	U		0.34	U		0.22	U		0.22	U	
1,3,5-Trimethylbenzene	8400	0.44	U		0.43	U		0.47	U		0.42	U		0.41	U		0.48	U		0.58	U		0.58	U	
Vinyl chloride	20	0.73	U		0.70	U		0.78	U		0.69	U		0.67	U		0.68	U		0.22	U		0.22	U	
Xylene (total)	260	0.34	U		0.33	U		0.36	U		0.32	U		0.31	U		0.32	U		0.20	U		0.20	U	
Total VOCs		0.0			0.0			0.0			0.0			0.0			0.0			0.0			0.0		

Notes:
VOCs = Volatile Organic Compounds
Soil samples analyzed for VOCs by EPA Method 8260.
Units in (ppb) = parts per billion (µg/kg)
Q_1 = Lab qualifier from Accutest Laboratories
U - Below Dectection Limit
J - Estimated value detected above qualitative method detection limit (l
& below the quantitative reporting detection limit (RDL).
Q_2 = Lab qualifier from Chemworld Environmental, Inc.
For explanation of Q_2 qualifiers, see Table 8
NYSDEC Track 1 Unrestricted Use Soil Cleanup Objectives (SCOs)
values from 6 New York City Rules and Regulations (NYCRR)
Part 375-6.8 Table 375-6.8(a): Unrestricted Use SCOs
NS = No Standard
NA = Not analyzed
Exceedances in **bold.**

Table 2
Summary of Semi-Volatile Organic Compounds for End-Point Soil Samples
Compared to Track 1 - Unrestricted Use
Area A
West 34th Street and 11th Avenue
New York, NY
BCP # C231049

Client ID Lab Sample ID Date Sampled	Part 375 Unrestricted Use SCOs	A-1(12-14) J80708-1 1/7/2008			A-2(8-10) J80708-2 1/7/2008			A-3(9-11) J80708-3 1/7/2008			A-4(12-14) J80708-4 1/7/2008			A-5(21-23) J80708-5 1/7/2008			A-6(30-32) J80708-6 1/7/2008			A-7(40-42) J80708-7 1/7/2008			A-9(28-30) J80708-13 1/7/2008		
		Result	Q_1	Q_2	Result	Q_1	Q_2	Result	Q_1	Q_2	Result	Q_1	Q_2	Result	Q_1	Q_2	Result	Q_1	Q_2	Result	Q_1	Q_2	Result	Q_1	Q_2
Semi-volatiles (ppb)																									
2-Chlorophenol	NS	24	U		25	U		25	U		25	U		24	U		24	U		24	U		25	U	
4-Chloro-3-methyl phenol	NS	52	U		53	U		52	U		53	U		51	U		51	U		52	U		52	U	
2,4-Dichlorophenol	NS	40	U		41	U		40	U		41	U		39	U		39	U		40	U		40	U	
2,4-Dimethylphenol	NS	46	U		48	U		47	U		48	U		46	U		46	U		47	U		47	U	
2,4-Dinitrophenol	NS	42	U		43	U		42	U		43	U		41	U		41	U		42	U		42	U	
4,6-Dinitro-o-cresol	NS	70	U		71	U		71	U		72	U		68	U		68	U		70	U		71	U	
2-Methylphenol	330	37	U		38	U		37	U		38	U		36	U		36	U		37	U		37	U	
3&4-Methylphenol	NS	47	U		48	U		48	U		48	U		46	U		46	U		47	U		48	U	
2-Nitrophenol	NS	44	U		45	U		45	U		45	U		43	U		43	U		44	U		45	U	
4-Nitrophenol	NS	67	U		69	U		68	U		69	U		66	U		66	U		67	U		68	U	
Pentachlorophenol	800	40	U		41	U		41	U		41	U		39	U		39	U		40	U		41	U	
Phenol	330	36	U		36	U		36	U		37	U		35	U		35	U		36	U		36	U	
2,4,5-Trichlorophenol	NS	72	U		74	U		73	U		74	U		71	U		71	U		73	U		73	U	
2,4,6-Trichlorophenol	NS	77	U		79	U		78	U		79	U		75	U		75	U		77	U		78	U	
Acenaphthene	20000	20.7	J		40.2	J		12	U		117			12	U		12	U		22.3	J		38.2	J	
Acenaphthylene	100000	17.2	J		52.8	J		7.8	U		7.9	U		7.6	U		7.6	U		7.8	U		37.7	J	
Anthracene	100000	61.0	J		133			36	U		188			34	U		34	U		49.7	J		142		
Benzo(a)anthracene	1000	229			492			17.8	J		358			7.7	U		23.8	J		99.6			487		
Benzo(a)pyrene	1000	233			494			19	U		324			18	U		23.4	J		98.7			436		
Benzo(b)fluoranthene	1000	169			411			13	U		237			12	U		19.0	J		90.5			427		
Benzo(g,h,i)perylene	100000	140			199			15	U		150			15	U		15	U		40.9	J		125		
Benzo(k)fluoranthene	800	192			421			17	U		271			16	U		20.7	J		96.6			430		
4-Bromophenyl phenyl ether	NS	17	U		17	U		17	U		17	U		16	U		16	U		17	U		17	U	
Butyl benzyl phthalate	NS	14	U		14	U		14	U		14	U		14	U		14	U		14	U		14	U	
2-Chloronaphthalene	NS	11	U		12	U		12	U		12	U		11	U		11	U		12	U		12	U	
4-Chloroaniline	NS	14	U		14	U		14	U		14	U		14	U		14	U		14	U		14	U	
Carbazole	NS	25.0	J		52.8	J		13	U		78.8			13	U		13	U		15.1	J		43.4	J	
Chrysene	1000	229			477			16	U		356			15	U		21.9	J		102			498		
bis(2-Chloroethoxy)methane	NS	15	U		15	U		15	U		15	U		15	U		15	U		15	U		15	U	
bis(2-Chloroethyl)ether	NS	17	U		18	U		18	U		18	U		17	U		17	U		18	U		18	U	
bis(2-Chloroisopropyl)ether	NS	22	U		23	U		23	U		23	U		22	U		22	U		22	U		23	U	
4-Chlorophenyl phenyl ether	NS	11	U		11	U		11	U		11	U		11	U		11	U		11	U		11	U	
1,2-Dichlorobenzene	1100	13	U		13	U		13	U		13	U		13	U		13	U		13	U		13	U	
1,3-Dichlorobenzene	2400	11	U		12	U		12	U		12	U		11	U		11	U		12	U		12	U	
1,4-Dichlorobenzene	1800	10	U		10	U		10	U		10	U		10	U		10	U		10	U		10	U	
2,4-Dinitrotoluene	NS	12	U		13	U		12	U		13	U		12	U		12	U		12	U		12	U	
2,6-Dinitrotoluene	NS	15	U		16	U		15	U		16	U		15	U		15	U		15	U		15	U	
3,3'-Dichlorobenzidine	NS	28	U		28	U		28	U		28	U		27	U		27	U		28	U		28	U	
Dibenzo(a,h)anthracene	330	38.9	J		62.0	J		9.9	U		47.3	J		9.6	U		9.6	U		15.3	J		47.8	J	
Dibenzofuran	7000	7.5	U		23.5	J		7.6	U		60.8	J		7.4	U		7.4	U		7.5	U		22.8	J	
Di-n-butyl phthalate	NS	11	U		11	U		11	U		11	U		10	U		10	U		11	U		11	U	
Di-n-octyl phthalate	NS	16	U		16	U		16	U		16	U		15	U		15	U		16	U		16	U	
Diethyl phthalate	NS	13	U		14	U		14	U		14	U		13	U		13	U		13	U		14	U	
Dimethyl phthalate	NS	10	U		11	U		10	U		11	U		10	U		10	U		10	U		10	U	
bis(2-Ethylhexyl)phthalate	NS	23	U		56.3	J		23	U		24	U		22	U		66.6	J		44.6	J		167		
Fluoranthene	100000	428			883			25.2	J		893			7.0	U		37.5	J		206			961		
Fluorene	30000	16.8	J		36.6	J		7.8	U		79.3			7.5	U		7.5	U		22.3	J		42.4	J	
Hexachlorobenzene	330	18	U		19	U		19	U		19	U		18	U		18	U		19	U		19	U	
Hexachlorobutadiene	NS	18	U		18	U		18	U		18	U		17	U		17	U		18	U		18	U	
Hexachlorocyclopentadiene	NS	18	U		18	U		18	U		18	U		17	U		17	U		18	U		18	U	
Hexachloroethane	NS	16	U		16	U		16	U		16	U		16	U		16	U		16	U		16	U	
Indeno(1,2,3-cd)pyrene	500	128			208			36	U		149			35	U		35	U		41.3	J		149		
Isophorone	NS	12	U		13	U		12	U		13	U		12	U		12	U		12	U		12	U	
2-Methylnaphthalene	NS	34	U		35	U		35	U		35	U		34	U		34	U		34	U		35	U	
2-Nitroaniline	NS	24	U		25	U		24	U		25	U		24	U		24	U		24	U		24	U	
3-Nitroaniline	NS	25	U		26	U		26	U		26	U		25	U		25	U		26	U		26	U	
4-Nitroaniline	NS	22	U		22	U		22	U		22	U		21	U		21	U		22	U		22	U	
Naphthalene	12000	8.6	U		8.8	U		8.7	U		23.6	J		8.4	U		8.4	U		8.6	U		42.0	J	
Nitrobenzene	NS	13	U		13	U		13	U		13	U		13	U		13	U		13	U		13	U	
N-Nitroso-di-n-propylamine	NS	13	U		13	U		13	U		13	U		13	U		13	U		13	U		13	U	
N-Nitrosodiphenylamine	NS	8.4	U		8.6	U		8.5	U		8.6	U		8.2	U		8.2	U		8.4	U		8.5	U	
Phenanthrene	100000	282			518			9.6	U		916			9.3	U		22.8	J		217			644		
Pyrene	100000	391			797			24.5	J		772			13	U		50.9	J		203			902		
1,2,4-Trichlorobenzene	NS	12	U		12	U		12	U		12	U		12	U		12	U		12	U		12	U	
Total SVOCs		2561.7			5215.4			67.5			4871.8			0.0			264.7			1349.6			4183.3		

Notes:
SVOCs = Semi-Volatile Organic Compounds
Soil samples analyzed for SVOCs by EPA Method 8270.
Units in (ppb) = parts per billion (µg/kg)
Q_1 = Lab qualifier from Accutest Laboratories
U - Below Dectection Limit
J - Estimated value detected above qualitative method detection limit (MDL)
& below the quantitative reporting detection limit (RDL).
Q_2 = Lab qualifier from Chemworld Environmental, Inc.
For explanation of Q_2 qualifiers, see Table 8
NYSDEC Track 1 Unrestricted Use Soil Cleanup Objectives (SCOs)
values from 6 New York City Rules and Regulations (NYCRR)
Part 375-6.8 Table 375-6.8(a): Unrestricted Use SCOs
NS = No Standard
NA = Not analyzed
Exceedances in **bold.**

Table 2
Summary of Semi-Volatile Organic Compounds for End-Point Soil Samples
Compared to Track 1 - Unrestricted Use
Area A
West 34th Street and 11th Avenue
New York, NY
BCP # C231049

Client ID Lab Sample ID Date Sampled	Part 375 Unrestricted Use SCOs	G-1(36-38) J80708-8 1/7/2008			G-2(33-35) J80708-9 1/7/2008			G-3(29-31) J80708-10 1/7/2008			G-4(21-23) J80708-11 1/7/2008			G-5(28-30) J80708-12 1/7/2008			FB-SOIL J80708-15 1/7/2008			FB-SOIL J80708-14 1/7/2008		
		Result	Q_1	Q_2	Result	Q_1	Q_2	Result	Q_1	Q_2	Result	Q_1	Q_2	Result	Q_1	Q_2	Result	Q_1	Q_2	Result	Q_1	Q_2
Semi-volatiles (ppb)																						
2-Chlorophenol	NS	26	U		25	U		24	U		25	U		25	U		21	U		0.87	U	
4-Chloro-3-methyl phenol	NS	55	U		52	U		52	U		54	U		53	U		45	U		1.2	U	
2,4-Dichlorophenol	NS	42	U		40	U		40	U		41	U		41	U		35	U		1.4	U	
2,4-Dimethylphenol	NS	50	U		47	U		47	U		48	U		48	U		41	U		1.7	U	
2,4-Dinitrophenol	NS	45	U		42	U		42	U		43	U		43	U		37	U		1.1	U	
4,6-Dinitro-o-cresol	NS	75	U		70	U		70	U		72	U		72	U		61	U		2.2	U	
2-Methylphenol	330	39	U		37	U		37	U		38	U		38	U		32	U		1.0	U	
3&4-Methylphenol	NS	51	U		48	U		47	U		49	U		49	U		41	U		1.1	U	
2-Nitrophenol	NS	47	U		45	U		44	U		46	U		45	U		39	U		1.5	U	
4-Nitrophenol	NS	72	U		68	U		67	U		70	U		69	U		59	U		1.6	U	
Pentachlorophenol	800	43	U		40	U		40	U		41	U		41	U		35	U		0.93	U	
Phenol	330	38	U		36	U		36	U		37	U		37	U		31	U		0.68	U	
2,4,5-Trichlorophenol	NS	78	U		73	U		73	U		75	U		75	U		63	U		1.1	U	
2,4,6-Trichlorophenol	NS	82	U		78	U		77	U		80	U		79	U		67	U		1.0	U	
Acenaphthene	20000	13	U		12	U		12	U		13	U		32.3	J		11	U		0.25	U	
Acenaphthylene	100000	8.3	U		22.2	J		7.8	U		8.0	U		31.6	J		6.8	U		0.31	U	
Anthracene	100000	38	U		52.4	J		35	U		36	U		103			31	U		0.33	U	
Benzo(a)anthracene	1000	85.9			136			44.5	J		150			320			40.9	J		0.35	U	
Benzo(a)pyrene	1000	72.2	J		105			40.0	J		204		J	310			34.1	J		0.78	U	
Benzo(b)fluoranthene	1000	64.9	J		102			31.4	J		251		J	281			25.7	J		0.75	U	
Benzo(g,h,i)perylene	100000	29.3	J		36.8	J		16.7	J		144		J	102			20.4	J		0.36	U	
Benzo(k)fluoranthene	800	63.0	J		95.0			35.3	J		166		J	268			27.1	J		0.68	U	
4-Bromophenyl phenyl ether	NS	18	U		17	U		17	U		17	U		17	U		15	U		0.37	U	
Butyl benzyl phthalate	NS	15	U		14	U		14	U		14	U		14	U		12	U		0.64	U	
2-Chloronaphthalene	NS	12	U		12	U		12	U		12	U		12	U		10	U		0.20	U	
4-Chloroaniline	NS	15	U		14	U		14	U		14	U		14	U		12	U		0.35	U	
Carbazole	NS	14	U		17.6	J		13	U		13	U		42.0	J		11	U		0.40	U	
Chrysene	1000	87.1			123			49.0	J		186			323			39.2	J		0.45	U	
bis(2-Chloroethoxy)methane	NS	16	U		15	U		15	U		15	U		15	U		13	U		0.32	U	
bis(2-Chloroethyl)ether	NS	19	U		18	U		17	U		18	U		18	U		15	U		0.67	U	
bis(2-Chloroisopropyl)ether	NS	24	U		22	U		22	U		23	U		23	U		19	U		0.58	U	
4-Chlorophenyl phenyl ether	NS	12	U		11	U		11	U		11	U		11	U		9.5	U		0.29	U	
1,2-Dichlorobenzene	1100	14	U		13	U		13	U		13	U		13	U		11	U		0.17	U	
1,3-Dichlorobenzene	2400	12	U		12	U		11	U		12	U		12	U		10	U		0.15	U	
1,4-Dichlorobenzene	1800	11	U		10	U		10	U		11	U		11	U		8.9	U		0.14	U	
2,4-Dinitrotoluene	NS	13	U		12	U		12	U		13	U		13	U		11	U		0.54	U	
2,6-Dinitrotoluene	NS	16	U		15	U		15	U		16	U		16	U		13	U		0.50	U	
3,3'-Dichlorobenzidine	NS	30	U		28	U		28	U		29	U		28	U		24	U		0.97	U	
Dibenzo(a,h)anthracene	330	10	U		9.9	U		9.8	U		40.6	J	J	38.1	J		8.6	U		0.48	U	
Dibenzofuran	7000	8.0	U		19.2	J		7.5	U		7.8	U		19.4	J		6.6	U		0.23	U	
Di-n-butyl phthalate	NS	11	U		11	U		11	U		11	U		23.7	J		9.3	U		0.40	U	
Di-n-octyl phthalate	NS	17	U		16	U		16	U		16	U	UJ	16	U		14	U		0.48	U	
Diethyl phthalate	NS	14	U		13	U		13	U		14	U		14	U		12	U		0.34	U	
Dimethyl phthalate	NS	11	U		10	U		10	U		11	U		11	U		9.0	U		0.34	U	
bis(2-Ethylhexyl)phthalate	NS	82.6			514			42.5	J		74.2	J		298			20	U		0.88	U	
Fluoranthene	100000	171			277			94.5			186			645			80.2			0.36	U	
Fluorene	30000	8.2	U		7.8	U		7.7	U		8.0	U		37.9	J		6.7	U		0.36	U	
Hexachlorobenzene	330	20	U		19	U		19	U		19	U		19	U		16	U		0.31	U	
Hexachlorobutadiene	NS	19	U		18	U		18	U		18	U		18	U		15	U		0.13	U	
Hexachlorocyclopentadiene	NS	19	U		18	U		18	U		18	U		18	U		15	U		0.10	U	
Hexachloroethane	NS	17	U		16	U		16	U		16	U		16	U		14	U		0.16	U	
Indeno(1,2,3-cd)pyrene	500	38	U		36.1	J		36	U		111		J	109			31	U		0.79	U	
Isophorone	NS	13	U		12	U		12	U		13	U		13	U		11	U		0.49	U	
2-Methylnaphthalene	NS	37	U		34	U		34	U		35	U		35	U		30	U		0.76	U	
2-Nitroaniline	NS	26	U		24	U		24	U		25	U		25	U		21	U		0.50	U	
3-Nitroaniline	NS	27	U		26	U		26	U		26	U		26	U		22	U		0.32	U	
4-Nitroaniline	NS	23	U		22	U		22	U		23	U		22	U		19	U		0.59	U	
Naphthalene	12000	9.2	U		8.7	U		8.6	U		8.9	U		16.1	J		7.5	U		0.18	U	
Nitrobenzene	NS	14	U		13	U		13	U		13	U		13	U		11	U		0.71	U	
N-Nitroso-di-n-propylamine	NS	14	U		13	U		13	U		14	U		13	U		11	U		0.38	U	
N-Nitrosodiphenylamine	NS	9.0	U		8.5	U		8.4	U		8.7	U		8.6	U		7.3	U		0.41	U	
Phenanthrene	100000	139			272			115			66.7	J		458			87.8			0.28	U	
Pyrene	100000	166			246			97.0			316			618			72.8			0.37	U	
1,2,4-Trichlorobenzene	NS	13	U		12	U		12	U		12	U		12	U		10	U		0.12	U	
Total SVOCs		873.9			2054.3			565.9			1895.5			4038.2			428.2			0.0		

Notes:
SVOCs = Semi-Volatile Organic Compounds
Soil samples analyzed for SVOCs by EPA Method 8270.
Units in (ppb) = parts per billion (µg/kg)
Q_1 = Lab qualifier from Accutest Laboratories
U - Below Dectection Limit
J - Estimated value detected above qualitative method detection limit (
& below the quantitative reporting detection limit (RDL).
Q_2 = Lab qualifier from Chemworld Environmental, Inc.
For explanation of Q_2 qualifiers, see Table 8
NYSDEC Track 1 Unrestricted Use Soil Cleanup Objectives (SCOs)
values from 6 New York City Rules and Regulations (NYCRR)
Part 375-6.8 Table 375-6.8(a): Unrestricted Use SCOs
NS = No Standard
NA = Not analyzed
Exceedances in **bold.**

Table 3
Summary of Metals for End-Point Soil Samples
Compared to Track 1 - Unrestricted Use
Area A
West 34th Street and 11th Avenue
New York, NY
BCP # C231049

Client ID Lab Sample ID Date Sampled	Part 375 Unrestricted Use SCOs	A-1(12-14) J80708-1 1/7/2008			A-2(8-10) J80708-2 1/7/2008			A-3(9-11) J80708-3 1/7/2008			A-4(12-14) J80708-4 1/7/2008			A-5(21-23) J80708-5 1/7/2008			A-6(30-32) J80708-6 1/7/2008			A-7(40-42) J80708-7 1/7/2008		
		Result	Q_1	Q_2	Result	Q_1	Q_2	Result	Q_1	Q_2	Result	Q_1	Q_2	Result	Q_1	Q_2	Result	Q_1	Q_2	Result	Q_1	Q_2
Metals Analysis (ppm)																						
Aluminum	NS	11700			13000			10800			13700			6990			11100			6340		
Antimony	NS	2.3	U		2.4	U		2.3	U		2.3	U		2.2	U		2.2	U		2.3	U	
Arsenic	13	4.2			2.4			2.3	U		2.9			2.2	U		2.3			2.3	U	
Barium	350	201			107			78.3			57.1			108			124			71.8		
Beryllium	7.2	0.59			0.82			0.61			0.60			0.54	U		0.62			0.58	U	
Cadmium	2.5	0.57	U		0.59	U		0.57	U		0.58	U		0.54	U		0.56	U		1.6		
Calcium	NS	3680			3530			1410			1510			1150			1870			2340		
Chromium, Hexavalent	1	1.1	U	UJ	1.2	U	UJ	1.2	U		1.2	U	UJ	1.1	U	UJ	1.1	U	UJ	1.1	U	UJ
Chromium, Trivalent	**30**	28.4			**37.3**			26.5			21.4			18.5			29.0			15.8		
Cobalt	NS	9.0			9.5			6.3			7.8			5.4	U		9.0			6.0		
Copper	50	**61.1**			29.0			17.5			21.1			14.3			30.8			24.1		
Cyanide	27	0.27	U		0.27	U		0.26	U		0.26	U		0.27	U		0.26	U		0.26	U	
Iron	NS	22600			20000			15100			20100			11400			16000			14300		
Lead	**63**	**274**			61.1			11.8			13.7			5.4			10.2			46.8		
Magnesium	NS	4010			4010			2960			3720			1880			3410			2940		
Manganese	1600	440			610			309			429			266			482			228		
Mercury	**0.18**	**28.3**			**0.29**			0.035	U		0.034	U		0.034	U		0.034	U		0.043		
Nickel	30	21.7			24.7			19.1			16.7			16.1			25.3			16.6		
Potassium	NS	3350			3030			2490			1690			1470			1720			2380		
Selenium	3.9	2.3	U		2.4	U		2.3	U		2.3	U		2.2	U		2.2	U		2.3	U	
Silver	2	1.1	U		1.2	U		1.1	U		1.2	U		1.1	U		1.1	U		1.2	U	
Sodium	NS	1100	U		1200	U		1100	U		1200	U		1100	U		1100	U		1200	U	
Thallium	NS	1.1	U		1.2	U		1.1	U		1.2	U		1.1	U		1.1	U		1.2	U	
Vanadium	NS	34.0			32.6			24.0			25.3			18.5			33.3			21.4		
Zinc	**109**	**133**			84.4			35.7			44.1			26.1			31.4			96.8		

Notes:
Soil samples analyzed for TAL Metals by EPA Method 6010.
Mercury analyzed by EPA Method 7471.
Cyanide analyzed by EPA Method 335.4
Units in ppm = parts per million (mg/kg)
Q_1 = Lab qualifier from Accutest Laboratories
U - Below Dectection Limit
J - Estimated value detected above qualitative method detection limit (MDL)
& below the quantitative reporting detection limit (RDL).
Q_2 = Lab qualifier from Chemworld Environmental, Inc.
For explanation of Q_2 qualifiers, see Table 8
NYSDEC Track 1 Unrestricted Use Soil Cleanup Objectives (SCOs)
values from 6 New York City Rules and Regulations (NYCRR)
Part 375-6.8 Table 375-6.8(a): Unrestricted Use SCOs
NS = No Standard
NA = Not analyzed
Exceedances in **bold.**

Table 3
Summary of Metals for End-Point Soil Samples
Compared to Track 1 - Unrestricted Use
Area A
West 34th Street and 11th Avenue
New York, NY
BCP # C231049

Client ID		A-1(12-14)			A-9(28-30)			G-1(36-38)			G-2(33-35)			G-3(29-31)			G-4(21-23)			G-5(28-30)			FB-SOIL			FB-SOIL		
Lab Sample ID	**Part 375**	**J80708-1**			**J80708-13**			**J80708-8**			**J80708-9**			**J80708-10**			**J80708-11**			**J80708-12**			**J80708-15**			**J80708-14**		
Date Sampled	**Unrestricted Use**	**1/7/2008**			**1/7/2008**			**1/7/2008**			**1/7/2008**			**1/7/2008**			**1/7/2008**			**1/7/2008**			**1/7/2008**			**1/7/2008**		
	SCOs	**Result**	**Q_1**	**Q_2**	**Result**	**Q_1**	**Q_2**	**Result**	**Q_1**	**Q_2**	**Result**	**Q_1**	**Q_2**	**Result**	**Q_1**	**Q_2**	**Result**	**Q_1**	**Q_2**	**Result**	**Q_1**	**Q_2**	**Result**	**Q_1**	**Q_2**	**Result**	**Q_1**	**Q_2**
Metals Analysis (ppm)																												
Aluminum	NS	11700			10000			12700			11900			9680			5940			10300			12600			200	U	
Antimony	NS	2.3	U		2.3	U		2.4	U		2.3	U		2.2	U		2.4	U		2.4	U		2.3	U		6.0	U	
Arsenic	13	4.2			2.3	U		2.4	U		2.3	U		2.2	U		2.4	U		2.4	U		2.3	U		8.0	U	
Barium	350	201			176			157			161			122			54.2			272			88.5			200	U	
Beryllium	7.2	0.59			0.60			0.69			0.58	U		0.56	U		0.61	U		0.61			0.75			1.0	U	
Cadmium	2.5	0.57	U		0.57	U		0.60	U		0.58	U		0.56	U		0.61	U		0.60	U		0.59	U		4.0	U	
Calcium	NS	3680			5300			2800			4950			1660			2060			8050			1800			5000	U	
Chromium, Hexavalent	1	1.1	U	UJ	1.2	U	UJ	1.2	U	UJ	1.2	U	UJ	1.1	U	UJ	1.2	U	UJ	1.2	U		1.2	U	UJ	0.010	U	
Chromium, Trivalent	**30**	28.4			22.8			**30.5**			29.3			22.8			14.6			22.8			28.6			0.020	U	
Cobalt	NS	9.0			8.4			9.4			9.1			7.7			6.1	U		7.4			8.6			50	U	
Copper	50	**61.1**			23.7			31.7			27.2			16.7			25.6			24.5			21.3			25	U	
Cyanide	27	0.27	U		0.27	U		0.27	U		0.27	U		0.25	U		0.27	U		0.27	U		0.24	U		0.010	U	
Iron	NS	22600			17600			21600			23400			16700			12300			17000			19000			100	U	
Lead	**63**	**274**			56.3			13.6			27.3			11.8			37.3			**84.9**			50.5			3.0	U	
Magnesium	NS	4010			3160			5490			6000			3560			1980			3340			3810			5000	U	
Manganese	1600	440			519			563			368			430			372			464			440			15	U	
Mercury	**0.18**	**28.3**			**0.21**			0.041			0.074			0.035	U		0.045			0.12			0.032	U		0.20	U	
Nickel	30	21.7			22.1			24.0			22.1			21.0			16.3			21.6			22.1			40	U	
Potassium	NS	3350			2390			4520			5580			3440			1250			2580			3230			10000	U	
Selenium	3.9	2.3	U		2.3	U		2.4	U		2.3	U		2.2	U		2.4	U		2.4	U		2.3	U		10	U	
Silver	2	1.1	U		1.1	U		1.2	U		1.2	U		1.1	U		1.2	U		1.2	U		1.2	U		10	U	
Sodium	NS	1100	U		1100	U		1200	U		1200	U		1100	U		1200	U		1200	U		1200	U		10000	U	
Thallium	NS	1.1	U		1.2	U		1.2	U		1.2	U		1.1	U		1.2	U		1.2	U		1.2	U		10	U	
Vanadium	NS	34.0			26.2			40.4			48.2			29.8			20.4			27.1			31.2			50	U	
Zinc	**109**	**133**			83.7			83.1			**189**			42.4			42.4			106			45.5			20	U	

Notes:
Soil samples analyzed for TAL Metals by EPA Method 6010.
Mercury analyzed by EPA Method 7471.
Cyanide analyzed by EPA Method 335.4
Units in ppm = parts per million (mg/kg)
Q_1 = Lab qualifier from Accutest Laboratories
U - Below Dectection Limit
J - Estimated value detected above qualitative method detection limit (MDL)
& below the quantitative reporting detection limit (RDL).
Q_2 = Lab qualifier from Chemworld Environmental, Inc.
For explanation of Q_2 qualifiers, see Table 8
NYSDEC Track 1 Unrestricted Use Soil Cleanup Objectives (SCOs)
values from 6 New York City Rules and Regulations (NYCRR)
Part 375-6.8 Table 375-6.8(a): Unrestricted Use SCOs
NS = No Standard
NA = Not analyzed
Exceedances in **bold.**

Table 1
Summary of Pesticides and Polychlorinated Biphenyls for End-Point Soil Samples
Compared to Track 1 - Unrestricted Use
Area A
West 34th Street and 11th Avenue
New York, NY
BCP # C231049

Client ID Lab Sample ID Date Sampled	Part 375 Unrestricted Use SCOs	A-1(12-14) J80708-1 1/7/2008			A-2(8-10) J80708-2 1/7/2008			A-3(9-11) J80708-3 1/7/2008			A-4(12-14) J80708-4 1/7/2008			A-5(21-23) J80708-5 1/7/2008			A-6(30-32) J80708-6 1/7/2008			A-7(40-42) J80708-7 1/7/2008			A-9(28-30) J80708-13 1/7/2008		
		Result	Q_1	Q_2	Result	Q_1	Q_2	Result	Q_1	Q_2	Result	Q_1	Q_2	Result	Q_1	Q_2	Result	Q_1	Q_2	Result	Q_1	Q_2	Result	Q_1	Q_2
Pesticides (ppb)																									
Aldrin	5	0.33	U		0.34	U		0.33	U		0.34	U		0.33	U		0.33	U		0.34	U		0.34	U	
2,4-D	NS	8.1	U		8.3	U		8.2	U		8.3	U		8.0	U		8.0	U		8.1	U		8.2	U	
alpha-BHC	20	0.28	U		0.29	U		0.28	U		0.29	U		0.28	U		0.27	U		0.28	U		0.28	U	
2,4,5-TP (Silvex)	3800	0.89	U		0.91	U		0.90	U		0.91	U		0.88	U		0.88	U		0.89	U	UJ	0.90	U	UJ
beta-BHC	36	0.33	U		0.34	U		0.33	U		0.34	U		0.33	U		0.32	U		0.33	U		0.33	U	
2,4,5-T	NS	0.77	U	UJ	0.80	U	UJ	0.79	U	UJ	0.79	U	UJ	0.77	U	UJ	0.77	U	UJ	0.78	U		0.79	U	
delta-BHC	40	0.55	U	UJ	0.57	U		0.55	U		0.57	U	UJ	0.55	U	UJ	0.54	U	UJ	0.56	U	UJ	0.57	U	UJ
gamma-BHC (Lindane)	100	0.30	U		0.31	U		0.30	U		0.31	U		0.30	U		0.30	U		0.31	U		0.31	U	
alpha-Chlordane	94	1.9		J	0.42	U		0.41	U		0.42	U		0.40	U		0.40	U		0.41	U		0.41	U	
gamma-Chlordane	NS	2.7			0.42	U		0.41	U		0.42	U		0.40	U		0.40	U		0.41	U		0.41	U	
Dieldrin	5	0.38	U		0.39	U		0.38	U		0.39	U		0.38	U		0.37	U		0.38	U		0.39	U	
4,4'-DDD	3.3	0.36	U		0.37	U		0.36	U		0.38	U		0.36	U		0.36	U		0.37	U		0.37	U	
4,4'-DDE	3.3	0.37	U		0.39	U		0.37	U		0.39	U		0.37	U		0.37	U		0.38	U		0.38	U	
4,4'-DDT	**3.3**	2.8		J	0.48	U		0.46	U		0.48	U		0.46	U		0.45	U	UJ	3.0		J	2.1		J
Endrin	14	0.37	U	UJ	0.39	U	UJ	0.38	U		0.39	U	UJ	0.37	U	UJ	0.37	U		0.38	U		0.38	U	UJ
Endosulfan sulfate	2400	0.41	U		0.42	U		0.41	U		0.42	U		0.41	U		0.40	U		0.41	U		0.42	U	
Endrin aldehyde	NS	0.35	U		0.37	U		0.35	U		0.37	U		0.35	U		0.35	U		0.36	U		0.36	U	
Endosulfan-I	2400	0.40	U		0.42	U		0.40	U		0.42	U		0.40	U		0.40	U		0.41	U		0.41	U	
Endosulfan-II	2400	0.40	U		0.41	U		0.40	U		0.41	U		0.40	U		0.39	U		0.40	U		0.41	U	
Heptachlor	42	0.39	U		0.40	U		0.39	U		0.41	U		0.39	U		0.38	U		0.40	U		0.40	U	
Heptachlor epoxide	NS	0.42	U		0.43	U		0.42	U		0.43	U		0.41	U		0.41	U		0.42	U		0.42	U	
Methoxychlor	NS	0.50	U		0.52	U		0.50	U	UJ	0.52	U		0.50	U		0.49	U	UJ	0.51	U	UJ	0.51	U	
Endrin ketone	NS	0.41	U		0.43	U		0.41	U		0.43	U		0.41	U		0.40	U		0.42	U		0.42	U	
Toxaphene	NS	7.2	U		7.4	U		7.2	U		7.4	U		7.1	U		7.0	U		7.3	U		7.3	U	
Total Pesticides		7.4			0.0			0.0			0.0			0.0			0.0			3.0			0.0		
PCBs (ppb)																									
Aroclor 1016	100	7.1	U		7.4	U		7.2	U		7.4	U		7.1	U		7.0	U		7.2	U		7.3	U	
Aroclor 1221	100	23	U		23	U		23	U		23	U		22	U		22	U		23	U		23	U	
Aroclor 1232	100	20	U		21	U		21	U		21	U		20	U		20	U		21	U		21	U	
Aroclor 1242	100	12	U		12	U		12	U		12	U		12	U		12	U		12	U		12	U	
Aroclor 1248	100	13	U		13	U		13	U		13	U		13	U		13	U		13	U		13	U	
Aroclor 1254	100	18	U		18	U		18	U		18	U		18	U		17	U		18	U		18	U	
Aroclor 1260	100	7.6	U		7.8	U		7.6	U		7.9	U		7.5	U		7.5	U		7.7	U		7.7	U	
Total PCBs		0.0			0.0			0.0			0.0			0.0			0.0			0.0			0.0		

Notes:
Soil samples analyzed for Pesticides by EPA Method 8081A.
Polychlorinated biphenyls (PCBs) analyzed by EPA Method 8082.
Units in (ppb) = parts per billion (µg/kg)
Q_1 = Lab qualifier from Accutest Laboratories
U - Below Dectection Limit
J - Estimated value detected above qualitative method detection limit (MDL)
& below the quantitative reporting detection limit (RDL).
Q_2 = Lab qualifier from Chemworld Environmental, Inc.
For explanation of Q_2 qualifiers, see Table 8
NYSDEC Track 1 Unrestricted Use Soil Cleanup Objectives (SCOs)
values from 6 New York City Rules and Regulations (NYCRR)
Part 375-6.8 Table 375-6.8(a): Unrestricted Use SCOs
NS = No Standard
NA = Not analyzed
Exceedances in **bold.**

Table 1
Summary of Pesticides and Polychlorinated Biphenyls for End-Point Soil Samples
Compared to Track 1 - Unrestricted Use
Area A
West 34th Street and 11th Avenue
New York, NY
BCP # C231049

Client ID Lab Sample ID Date Sampled	Part 375 Unrestricted Use SCOs	G-1(36-38) J80708-8 1/7/2008			G-2(33-35) J80708-9 1/7/2008			G-3(29-31) J80708-10 1/7/2008			G-4(21-23) J80708-11 1/7/2008			G-5(28-30) J80708-12 1/7/2008			FB-SOIL J80708-15 1/7/2008			FB-SOIL J80708-14 1/7/2008		
		Result	Q_1	Q_2	Result	Q_1	Q_2	Result	Q_1	Q_2	Result	Q_1	Q_2	Result	Q_1	Q_2	Result	Q_1	Q_2	Result	Q_1	Q_2
Pesticides (ppb)																						
Aldrin	5	0.35	U		0.34	U	UJ	0.33	U	UJ	0.35	U	UJ	0.34	U	UJ	0.34	U		0.0033	U	
2,4-D	NS	8.7	U		8.2	U		8.1	U		8.4	U		8.4	U		8.3	U		0.33	U	
alpha-BHC	20	0.30	U		0.28	U	UJ	0.28	U	UJ	0.29	U	UJ	0.29	U	UJ	0.28	U		0.0026	U	
2,4,5-TP (Silvex)	3800	0.96	U	UJ	0.90	U	UJ	0.89	U	UJ	0.92	U	UJ	0.92	U	UJ	0.91	U	UJ	0.034	U	UJ
beta-BHC	36	0.35	U		0.33	U	UJ	0.33	U	UJ	0.34	U	UJ	0.34	U	UJ	0.33	U		0.0062	U	
2,4,5-T	NS	0.84	U		0.79	U		0.77	U		0.80	U		0.80	U		0.79	U		0.033	U	
delta-BHC	40	0.59	U	UJ	0.56	U		0.56	U		0.58	U		0.57	U		0.57	U	UJ	0.0031	U	UJ
gamma-BHC (Lindane)	100	0.32	U		0.31	U	UJ	0.31	U	UJ	0.32	U	UJ	0.31	U	UJ	0.31	U		0.0017	U	
alpha-Chlordane	94	0.43	U		0.41	U		0.41	U		0.43	U	JN	2.6			0.41	U		0.0044	U	
gamma-Chlordane	NS	0.43	U		0.41	U		0.41	U		0.42	U		6.0			0.41	U		0.0017	U	
Dieldrin	5	0.40	U		0.39	U		0.38	U		0.40	U		0.39	U		0.39	U		0.0017	U	
4,4'-DDD	3.3	0.39	U		0.37	U		0.37	U		0.38	U		2.8			0.37	U		0.0024	U	
4,4'-DDE	3.3	0.40	U		0.38	U		0.38	U		0.39	U		0.39	U		0.38	U		0.0017	U	
4,4'-DDT	**3.3**	0.49	U	UJ	0.47	U		0.47	U		0.48	U		**49.9**			0.47	U		0.0049	U	
Endrin	14	0.40	U		0.38	U		0.38	U		0.39	U		2.2			0.38	U	UJ	0.0030	U	UJ
Endosulfan sulfate	2400	0.43	U		0.41	U		0.41	U		0.43	U		0.42	U		0.42	U		0.0046	U	
Endrin aldehyde	NS	0.38	U		0.36	U		0.36	U		0.37	U		3.6			0.36	U		0.0064	U	
Endosulfan-I	2400	0.43	U		0.41	U		0.41	U		0.42	U		0.41	U		0.41	U		0.0035	U	
Endosulfan-II	2400	0.42	U		0.40	U		0.40	U		0.42	U		0.41	U		0.41	U		0.0021	U	
Heptachlor	42	0.42	U		0.40	U	UJ	0.40	U	UJ	0.41	U	J	1.6			0.40	U		0.0032	U	
Heptachlor epoxide	NS	0.44	U		0.42	U		0.42	U		0.44	U		0.43	U		0.42	U		0.0026	U	
Methoxychlor	NS	0.53	U	UJ	0.51	U		0.50	U		0.52	U		43.4			0.51	U		0.0015	U	
Endrin ketone	NS	0.44	U		0.42	U		0.42	U		0.43	U		6.3			0.42	U		0.0068	U	
Toxaphene	NS	7.6	U		7.3	U		7.2	U		7.5	U		7.4	U		7.3	U		0.094	U	
Total Pesticides		0.0			0.0			0.0			0.0			116.2			0.0			0.0		
PCBs (ppb)																						
Aroclor 1016	100	7.6	U		7.2	U		7.2	U		7.5	U		7.4	U		6.2	U		0.094	U	
Aroclor 1221	100	24	U		23	U		23	U		24	U		23	U		20	U		0.47	U	
Aroclor 1232	100	22	U		21	U		21	U		21	U		21	U		18	U		0.39	U	
Aroclor 1242	100	13	U		12	U		12	U		13	U		12	U		10	U		0.16	U	
Aroclor 1248	100	14	U		13	U		13	U		14	U		13	U		11	U		0.15	U	
Aroclor 1254	100	19	U		18	U		18	U		19	U		18	U		15	U		0.11	U	
Aroclor 1260	100	8.1	U		7.7	U		7.7	U		8.0	U		7.8	U		6.6	U		0.12	U	
Total PCBs		0.0			0.0			0.0			0.0			0.0			0.0			0.0		

Notes:
Soil samples analyzed for Pesticides by EPA Method 8081A.
Polychlorinated biphenyls (PCBs) analyzed by EPA Method 8082.
Units in (ppb) = parts per billion (µg/kg)
Q_1 = Lab qualifier from Accutest Laboratories
U - Below Dectection Limit
J - Estimated value detected above qualitative method detection limit (MDL)
& below the quantitative reporting detection limit (RDL).
Q_2 = Lab qualifier from Chemworld Environmental, Inc.
For explanation of Q_2 qualifiers, see Table 8
NYSDEC Track 1 Unrestricted Use Soil Cleanup Objectives (SCOs)
values from 6 New York City Rules and Regulations (NYCRR)
Part 375-6.8 Table 375-6.8(a): Unrestricted Use SCOs
NS = No Standard
NA = Not analyzed
Exceedances in **bold.**

Table 1
List of Track 1 Unrestricted Use Soil Cleanup Objectives
NYCRR Part 375-6.8(a)

Metals	
Arsenic	13[c]
Barium	35[c]
Beryllium	7
Cadmium	2.5[c]
Chromium, hexavalent[e]	1[b]
Chromium, trivalent[e]	30[c]
Copper	50
Total Cyanide[e, f]	27
Lead	63[c]
Manganese	1,600[c]
Total Mercury	0.18[c]
Nickel	30
Selenium	3.9[c]
Silver	2
Zinc	109[c]

PCBs/Pesticides	
2,4,5-TP Acid (Silvex)[f]	3.8
4,4-DDE	0.0033[b]
4,4-DDT	0.0033[b]
4,4-DDD	0.0033[b]
Aldrin	0.005[c]
alpha-BHC	0.2
beta-BHC	0.036
alpha-Chlordane	0.094
delta-BHC	0.04
Dibenzofuran	7
Dieldrin	0.005[c]
Endosulfan I	2.4
Endosulfan II	2.4
Endosulfan Sulfate	2.4
Endrin	0.014
Heptachlor	0.042
Lindane	0.1
Polychlorinated biphenyls	0.1

Semivolatile Organic Compounds	
Acenaphthene	20
Acenaphthylene[f]	100[a]
Anthracene[f]	100[a]
Benzo(a)anthracene[f]	1[c]
Benzo(a)pyrene	1[c]
Benzo(b)fluoranthene[f]	1[c]
Benzo(g,h,i)perylene[f]	100
Benzo(k)fluoranthene	0.8[c]
Chrysene[f]	1[c]
Dibenz(a,h)anthracene[f]	0.33[b]
Fluoranthene[f]	100[a]
Fluorene	30
Indeno(1,2,3-cd)pyrene[f]	0.5[c]
m-Cresol[f]	0.33[b]
Naphthalene[f]	12
o-Cresol[f]	0.33[b]
p-Cresol[f]	0.33[b]
Pentachorophenol	0.8[b]
Phenanthrene[f]	100
Phenol	0.33[b]
Pyrene[f]	100

Volatile Organic Compounds	
1,1,1-Trichloroethane[f]	0.68
1,1-Dichloroethane[f]	0.27
1,1-Dichloroethene[f]	0.33
1,2-Dichlorobenzene[f]	1.1
1,2-Dichloroethane	0.02[c]
cis-1,2-Dichloroethene[f]	0.25
trans-1,2-Dichloroethene[f]	0.19
1,3-Dichlorobenzene[f]	2.4
1,4-Dichlorobenzene	1.8
1,4-Dioxane	0.1[b]
Acetone	0.05
Benzene	0.6
n-Butylbenzene[f]	12
Carbon tetrachloride[f]	0.76
Chlorobenzene	1.1
Chloroform	0.37
Ethylbenzene[f]	1
Hexachlorobenzene[f]	0.33[b]
2-Butanone (MEK)	0.12
Methyl Tert Butyl Ether[f]	0.93
Methylene chloride	0.05
n-Propylbenzene[f]	3.9
sec-butylbenzene[f]	11
tert-butylbenzene[f]	5.9
Tetrachoroethene	1.3
Toluene	0.7
Trichloroethene	0.47
1,24-trimethylbenzene[f]	3.6
1,3,5 - Trimethylbenzene[f]	8.4
Vinyl chloride[f]	0.02
Total Xylenes	0.26

All units in parts per million (ppm) mg/kg
Notes

[a] The SCOs for unrestricted use were capped at a maximum value of 100 ppm. See Technical Support Document (TSD), section 9.3.

[b] For constituents where the calculated SCO was lower than the contract required quantitation limit (CRQL), the CRQL is used as the Track 1 SCO value.

[c] For constituents where the calculated SCO was lower than the rural soil background concentration, as determined by the Department and Department of Health rural soil survey, the rural soil background concentration is used as the Track 1 SCO value for this use of the site.

[d] SCO is the sum of endosulfan I, endosulfan II and endosulfan sulfate.

[e] The SCO for this specific compound (or family of compounds) is considered to be met if the analysis for the total species of this contaminant is below the specific SCO.

[f] Protection of ecological resources SCOs were not developed for contaminants identified in Table 375-6.8(b) with “NS”. Where such contaminants appear in Table 375-6.8(a), the applicant may be required by the Department to calculate a protection of ecological resources SCO according to the TSD.

Table 6
Summary of Material Exported from the Site
Area A
West 34th Street and 11th Avenue
New York, NY
BCP # C231049

Facility Code	Facility
PA	Bushkill, PA
NJ	Millington, NJ
WC	Walter R. Earle Corp.
CE	Casie Ecology
MH	Mullica Hill
SK	South Kearny, NJ
BD	Bellmawr Waterfront Development
AL	Alliance
LN	Lyndhurst, NJ

					Approximate	Tipping Weight	Manifested	Transporation
Number / Day	Manifest Number	Grid Location	Date	Time	Volume (c.y)	Volume (tons)	Facility	Company
1	6386	A-2	10/4/2007	7:15	20	30.38	PA	Nacirema
2	6385	A-2	10/4/2007	7:13	20	32.2	PA	Nacirema
3	6387	A-2	10/4/2007	7:20	20	31.89	PA	
4	6388	A-2	10/4/2007	7:21	20	31.67	PA	Nacirema
5	6335	A-2	10/4/2007	7:30	20	27.14	PA	Nacirema
6	6353	A-2	10/4/2007	7:32	20		PA	
7	6334	A-2	10/4/2007	7:40	20		PA	
8	6336	A-2	10/4/2007	7:42	20		PA	
9	6350	A-2	10/4/2007	7:43	20		PA	
10	6349	A-2	10/4/2007	7:44	20		PA	
11	6389	A-2	10/4/2007	7:45	20	31.74	PA	Nacirema
12	6351	A-2	10/4/2007	7:50	20		PA	
13	6342	B-2	10/4/2007	7:53	20		PA	
14	6353	B-2	10/4/2007	7:56	20		PA	
15	6352	B-2	10/4/2007	7:58	20		PA	
16	6340	B-2	10/4/2007	8:01	20		PA	
17	6390	B-2	10/4/2007	8:03	20	28.49	PA	
18	6341	B-2	10/4/2007	8:08	20		PA	
19	6343	B-2	10/4/2007	8:11	20		PA	
20	6344	B-2	10/4/2007	8:16	20		PA	
21	6348	B-2	10/4/2007	8:19	20		PA	
22	6354	B-2	10/4/2007	8:21	20	30.91	PA	CD Transport
23	6339	B-2	10/4/2007	8:25	20		PA	
24	6338	B-3	10/4/2007	8:30	20		PA	
25	6393	B-3	10/4/2007	8:33	20	31.8	PA	Nacirema
26	6363	B-3	10/4/2007	8:35	20		PA	
27	6364	B-3	10/4/2007	8:37	20	31.89	PA	Nacirema
28	6391	B-3	10/4/2007	8:40	20	31.13	PA	Nacirema
29	6345	B-3	10/4/2007	8:42	20		PA	
30	6346	B-3	10/4/2007	8:46	20		PA	
31	6365	B-3	10/4/2007	8:49	20		PA	
32	6366	B-3	10/4/2007	8:51	20		PA	
33	6384	B-3	10/4/2007	8:53	20	31	PA	
34	6392	A-4	10/4/2007	8:57	20	31.96	PA	Nacirema
35	6367	A-4	10/4/2007	8:59	20	35.72	PA	
36	6368	A-4	10/4/2007	9:01	20	35.75	PA	
37	6355	A-4	10/4/2007	11:37	20		PA	
38	6356	A-4	10/4/2007	12:40	20		PA	
39	6357	A-4	10/4/2007	12:41	20		PA	
40	6358	A-4	10/4/2007	12:45	20		PA	
41	6359	A-4	10/4/2007	12:47	20		PA	
42	6361	A-4	10/4/2007	12:49	20		PA	
43	6360	A-4	10/4/2007	12:53	20		PA	
44	6313	A-4	10/4/2007	12:57	20		PA	
45	6312	A-4	10/4/2007	13:01	20		PA	
46	6392	A-4	10/4/2007	13:04	20		PA	
47	6337	A-4	10/4/2007	13:06	20		PA	
48	6314	B-4	10/4/2007	13:09	20		PA	
49	6315	B-4	10/4/2007	13:13	20		PA	
50	6370	B-4	10/4/2007	13:16	20	30.91	PA	
51	6369	B-4	10/4/2007	13:19	20		PA	
52	6347	B-4	10/4/2007	13:21	20		PA	
53	6373	B-4	10/4/2007	13:29	20		PA	
54	6374	B-4	10/4/2007	13:33	20		PA	
55	6375	B-4	10/4/2007	13:37	20		PA	
56	6376	B-4	10/4/2007	13:40	20		PA	
57	6377	B-4	10/4/2007	13:42	20		PA	
58	6431	B-4	10/4/2007	13:46	20	31.82	PA	Nacirema
59	6432	B-4	10/4/2007	13:50	20	32.21	PA	Nacirema
60	6304	B-4	10/4/2007	13:52	20	35.15	PA	
61	6303	B-4	10/4/2007	13:56	20	35.72	PA	
62	6433	A-4	10/4/2007	14:01	20	32.95	PA	
63	6435	A-4	10/4/2007	14:03	20		PA	
64	6434	A-4	10/4/2007	14:07	20	12.16	PA	

Table 6
Summary of Material Exported from the Site
Area A
West 34th Street and 11th Avenue
New York, NY
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Facility Code	Facility
PA	Bushkill, PA
NJ	Millington, NJ
WC	Walter R. Earle Corp.
CE	Casie Ecology
MH	Mullica Hill
SK	South Kearny, NJ
BD	Bellmawr Waterfront Development
AL	Alliance
LN	Lyndhurst, NJ

					Approximate	Tipping Weight	Manifested	Transporation
Number / Day	Manifest Number	Grid Location	Date	Time	Volume (c.y)	Volume (tons)	Facility	Company
65	6302	A-4	10/4/2007	14:55	20	24.95	PA	Nacirema
1	6795	A-4	10/5/2007	7:08	20	31.13	PA	Nacirema
2	6733	B-4	10/5/2007	7:13	20		PA	
3	6331	B-4	10/5/2007	7:16	20		PA	
4	6330	B-4	10/5/2007	7:18	20		PA	
5	6329	B-4	10/5/2007	7:21	20		PA	
6	6721	B-4	10/5/2007	7:23	20	35.32	PA	Tapia Trucking
7	6310	B-4	10/5/2007	7:28	20	35.55	PA	Tapia Trucking
8	6722	B-4	10/5/2007	7:30	20	35.26	PA	Tapia Trucking
9	6723	B-4	10/5/2007	7:34	20		PA	
10	6725	B-4	10/5/2007	7:36	20	27.74	PA	K & W
11	6724	B-4	10/5/2007	7:38	20		PA	
12	6332	B-4	10/5/2007	7:44	20		PA	
13	6706	B-4	10/5/2007	7:46	20		PA	
14	6309	B-3	10/5/2007	7:48	20		PA	
15	6726	B-3	10/5/2007	7:50	20		PA	
16	6732	B-3	10/5/2007	7:52	20		PA	
17	6727	B-3	10/5/2007	7:54	20		PA	
18	6720	B-3	10/5/2007	8:00	20		PA	
19	6794	B-3	10/5/2007	8:01	20	32.2	PA	Nacirema
20		B-3	10/5/2007	8:02	20		PA	
21	6719	F-4	10/5/2007	8:05	20		PA	
22	6730	B-3	10/5/2007	8:09	20	35.44	PA	
23	6714	B-3	10/5/2007	8:10	20		PA	
24	6715	B-3	10/5/2007	8:13	20		PA	
25	6793	B-3	10/5/2007	8:14	20	31.09	PA	Nacirema
26	6716	F-4	10/5/2007	8:15	20		PA	
27	6710	B-3	10/5/2007	8:20	20	27.07	PA	All American Trucking
28	6793	B-3	10/5/2007	8:23	20		PA	
29	6713	F-4	10/5/2007	8:24	20	35.36	PA	
30	6709	B-3	10/5/2007	8:26	20		PA	
31	6705	B-3	10/5/2007	8:26	20		PA	
32	6704	F-4	10/5/2007	8:30	20		PA	
33	6708	B-3	10/5/2007	8:31	20		PA	
34	6792	B-3	10/5/2007	8:34	20	31.96	PA	Nacirema
35	6791	B-2	10/5/2007	8:36	20		PA	
36	6707	F-4	10/5/2007	8:39	20	28.98	PA	Zaza
37	6703	B-2	10/5/2007	8:41	20		PA	
38	6702	B-2	10/5/2007	8:43	20	30.34	PA	All American Trucking
39	6712	F-4	10/5/2007	8:47	20	33.55	PA	Corona
40	6701	A-2	10/5/2007	8:50	20		PA	
41	6671	A-2	10/5/2007	8:53	20	35.75	PA	
42	6672	F-4	10/5/2007	8:55	20	36	PA	Mama's Boy
43	6670	A-2	10/5/2007	8:56	20	36.25	PA	Spoiled Trucking
44	6669	A-2	10/5/2007	9:00	20	22.78	PA	PT Michell Trk
45	6788	A-2	10/5/2007	9:06	20	31.77	PA	Nacirema
46	6789	F-3	10/5/2007	9:08	20	31.26	PA	Nacirema
47	6790	A-2	10/5/2007	9:10	20	19.08	PA	Nacirema
48	6668	A-2	10/5/2007	9:12	20	34.61	PA	CF Bros
49	6667	A-2	10/5/2007	9:45	20	30.91	PA	CD Transport
50	6633	B-2	10/5/2007	11:12	20		PA	
51	6632	B-2	10/5/2007	11:17	20		PA	
52	6631	B-2	10/5/2007	11:19	20		PA	
53	6328	B-2	10/5/2007	11:22	20		PA	
54	6630	B-2	10/5/2007	11:24	20	35.4	PA	Tapia Trucking
55	6628	B-2	10/5/2007	11:27	20		PA	Tapia Trucking
56	6627	B-2	10/5/2007	11:29	20		PA	
57	6626	C-3	10/5/2007	11:31	20		PA	
58	6625	C-3	10/5/2007	11:33	20		PA	
59	6624	C-3	10/5/2007	11:37	20	13.24	PA	JCV
60	6623	C-3	10/5/2007	11:43	20	27.74	PA	
61	6728	C-2	10/5/2007	11:48	20		PA	
62	6622	C-2	10/5/2007	11:50	20		PA	
63	6621	C-2	10/5/2007	11:55	20		PA	

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					Approximate	Tipping Weight	Manifested	Transporation
Number / Day	Manifest Number	Grid Location	Date	Time	Volume (c.y)	Volume (tons)	Facility	Company
64	6620	C-2	10/5/2007	11:59	20	34.79	PA	Munoz
65	6619	C-2	10/5/2007	12:01	20		PA	
66	6618	C-2	10/5/2007	12:04	20		PA	
67	6616	C-2	10/5/2007	12:11	20		PA	
68	6717	C-3	10/5/2007	12:15	20	35.29	PA	Premier Express
69	6614	C-3	10/5/2007	12:16	20	35.53	PA	Munoz
70	6615	C-3	10/5/2007	12:22	20	34.75	PA	LG
71	6613	C-1	10/5/2007	12:25	20	27.07	PA	All American Trucking
72	6666	C-3	10/5/2007	12:27	20	34.91	PA	Premier Express
73	6663	C-1	10/5/2007	12:31	20		PA	
74	6662	C-3	10/5/2007	12:35	20		PA	
75	6665	C-1	10/5/2007	12:38	20		PA	
76	6664	C-3	10/5/2007	12:40	20		PA	
77	6660	C-1	10/5/2007	12:44	20	28.98	PA	Zaza
78	6661	C-3	10/5/2007	12:46	20	32.85	PA	All American Trucking
79	6658	C-1	10/5/2007	12:50	20	35.75	PA	Corona
80	6659	C-1	10/5/2007	12:54	20	30.34	PA	All American Trucking
81	6657	C-1	10/5/2007	12:57	20		PA	
82	6656	C-1	10/5/2007	12:59	20		PA	
83	6655	C-3	10/5/2007	13:09	20		PA	
84	6654	C-1	10/5/2007	13:12	20	35	PA	CF Bros
85	6609	C-1	10/5/2007	13:16	20	33.55	PA	Corona
86	6610	C-1	10/5/2007	13:18	20		PA	
87	6711	C-1	10/5/2007	13:21	20		PA	
88	6606	D-1	10/5/2007	13:25	20		PA	
89	6607	D-1	10/5/2007	13:27	20	36.51	PA	Mama's Boy
90	6605	D-1	10/5/2007	13:30	20	31.95	PA	PT Michell Trk
91	6394	D-1	10/5/2007	13:33	20	31.13	PA	Nacirema
92	6395	D-1	10/5/2007	13:36	20	32.2	PA	Nacirema
93	6604	D-1	10/5/2007	13:41	20		PA	
94	6822	D-1	10/5/2007	13:45	20	30.91	PA	
95	6397	D-1	10/5/2007	14:41	20	31.89	PA	Nacirema
96	6398	D-1	10/5/2007	14:45	20	31.96	PA	Nacirema
1	6401	C-1	10/9/2007	7:34	20		NJ	
2	6407	C-1	10/9/2007	7:36	20		NJ	
3	6406	C-1	10/9/2007	7:39	20		NJ	
4	6405	C-1	10/9/2007	7:42	20		NJ	
5	6403	C-1	10/9/2007	7:46	20		NJ	
6	6402	C-1	10/9/2007	7:50	20		NJ	
7	6404	C-1	10/9/2007	7:52	20		NJ	
8	6409	D-1	10/9/2007	7:55	20		NJ	
9	6408	D-1	10/9/2007	7:58	20		NJ	
10	6410	D-1	10/9/2007	10:04	20		NJ	
11	6412	D-1	10/9/2007	10:24	20		NJ	
12	6413	D-1	10/9/2007	10:36	20		NJ	
13	6411	D-1	10/9/2007	10:38	20		NJ	
14	6414	D-1	10/9/2007	10:40	20		NJ	
15	6415	D-1	10/9/2007	10:43	20		NJ	
16	6416	D-1	10/9/2007	10:47	20		NJ	
17	6417	D-1	10/9/2007	10:49	20		NJ	
18	6418	D-1	10/9/2007	11:07	20		NJ	
19	6419	D-1	10/9/2007	12:39	20		NJ	
20	6420	D-1	10/9/2007	12:43	20		NJ	
21	6427	D-1	10/9/2007	12:45	20		NJ	
22	6426	D-1	10/9/2007	12:47	20		NJ	
23	6425	D-2	10/9/2007	12:50	20		NJ	
24	6424	D-2	10/9/2007	12:53	20		NJ	
25	6423	D-2	10/9/2007	12:54	20		NJ	
26	6422	D-2	10/9/2007	13:16	20		NJ	
27	6421	D-2	10/9/2007	13:21	20		NJ	
1	F-1	A-3	10/10/2007	7:24	20	31.64	WC	Munoz
2	F-2	A-3	10/10/2007	7:26	20	29.35	WC	Munoz
3	F-3	A-3	10/10/2007	7:27	20	29	WC	CD Transport
4	F-4	A-3	10/10/2007	7:28	20	30.72	WC	Tapia Trucking

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BD	Bellmawr Waterfront Development
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					Approximate	Tipping Weight	Manifested	Transporation
Number / Day	Manifest Number	Grid Location	Date	Time	Volume (c.y)	Volume (tons)	Facility	Company
5	F-5	A-3	10/10/2007	7:34	20		WC	
6	F-6	A-3	10/10/2007	7:41	20	37.35	WC	Tapia Trucking
7	F-7	B-1	10/10/2007	7:45	20	31.11	WC	Munoz
8	F-8	B-1	10/10/2007	7:49	20		WC	Munoz
9	F-9	B-1	10/10/2007	7:54	20	32.13	WC	K & W
10	F-10	B-1	10/10/2007	7:57	20	32.11	WC	Munoz
11	F-11	B-1	10/10/2007	8:02	20	29.87	WC	Munoz
12	F-12	B-1	10/10/2007	8:06	20	31.48	WC	Castillo Trucking
13	F-13	B-1	10/10/2007	8:10	20	29.91	WC	Munoz
14	F-14	A-1	10/10/2007	8:15	20	31.57	WC	E Santos
15	F-15	A-1	10/10/2007	8:20	20	28.78	WC	
16	F-16	A-1	10/10/2007	8:24	20	28.77	WC	Corona
17	F-17	A-1	10/10/2007	8:28	20	30.16	WC	Innovative
18	F-18	A-1	10/10/2007	8:32	20	30.08	WC	Morillo
19	F-19	A-1	10/10/2007	8:36	20	24.79	WC	Innovative
20	F-20	A-1	10/10/2007	11:34	20	28.35	WC	CD Transport
21	F-21	B-1	10/10/2007	11:42	20	31.41	WC	Munoz
22	F-22	A-1	10/10/2007	11:47	20	31.17	WC	Munoz
23	F-23	B-1	10/10/2007	11:52	20	29.89	WC	K & W
24	F-24	B-1	10/10/2007	11:57	20	30.09	WC	Munoz
25	F-25	B-1	10/10/2007	12:01	20	29.47	WC	Corona
26	F-26	A-1	10/10/2007	12:05	20	28.68	WC	LOBL
27	F-26A	A-1	10/10/2007	12:08	20		WC	
28	F-27	B-1	10/10/2007	12:45	20	31.52	WC	Innovative
29	F-28	A-1	10/10/2007	12:48	20	26.35	WC	Morillo
30	F-29	A-1	10/10/2007	12:52	20	32.21	WC	Innovative
31	F-30	B-1	10/10/2007	12:55	20	32.5	WC	Munoz
32	F-31	B-1	10/10/2007	12:59	20	25.9	WC	Munoz
33	F-32	B-1	10/10/2007	13:06	20	32.86	WC	Tapia Trucking
34	F-33	A-1	10/10/2007	13:09	20	32.18	WC	Tapia Trucking
35	F-34	B-1	10/10/2007	13:14	20	25.86	WC	Tapia Trucking
36	F-35	B-1	10/10/2007	13:18	20	32.98	WC	Munoz
37	F-36	B-1	10/10/2007	13:22	20	30.52	WC	Munoz
1	F-38	B-1	10/11/2007	7:38	20	28.84	WC	CD Transport
2	F-39	D-3	10/11/2007	7:45	20	32.87	WC	Tapia Trucking
3	F-44	D-4	10/11/2007	7:56	20		WC	
4	F-43	D-4	10/11/2007	7:56	20	32.95	WC	Tapia Trucking
5	F-46	D-4	10/11/2007	8:01	20	28.69	WC	Zaza
6	6797	C-1	10/11/2007	8:04	20	35.56	NJ	Castillo Trucking
7	6800	C-2	10/11/2007	8:10	20	33.55	NJ	Corona
8	6799	D-2	10/11/2007	8:16	20		NJ	
9	6803	D-2	10/11/2007	8:19	20	34.49	NJ	Innovative
10	6805	E-1	10/11/2007	8:25	20	36.2	NJ	E Santos
11	6807	E-1	10/11/2007	8:29	20	36.39	NJ	LOBL
12	6809	E-1	10/11/2007	8:30	20	33.73	NJ	Innovative
13	F-53	D-3	10/11/2007	10:40	20	26.74	WC	Castillo Trucking
14	F-47	D-3	10/11/2007	10:47	20	24.93	WC	Corona
15	F-48	D-4	10/11/2007	10:53	20	28.64	WC	Innovative
16	F-49	E-4	10/11/2007	10:57	20	28.86	WC	E Santos
17	F-50	E-4	10/11/2007	10:59	20	23.6	WC	LOBL
18	F-51	E-4	10/11/2007	11:05	20	29.7	WC	Innovative
19	F-37	E-4	10/11/2007	11:09	20	28.44	WC	CD Transport
20	F-52	E-4	10/11/2007	11:14	20	26.12	WC	Corona
21	F-54	G-1	10/11/2007	12:48	20	28.46	WC	Zaza
22	F-40	G-1	10/11/2007	13:31	20	30.84	WC	Tapia Trucking
23	F-41	G-1	10/11/2007	13:38	20	31.53	WC	Tapia Trucking
24	F-65	G-1	10/11/2007	13:46	20		WC	
1	F-100	G-1	10/12/2007	7:07	20		WC	
2	F-55	G-1	10/12/2007	7:10	20	30.83	WC	Tapia Trucking
3	F-34	F-1	10/12/2007	7:13	20		WC	
4	6652	B-7	10/12/2007	7:16	20		PA	
5	F-56	F-1	10/12/2007	7:18	20	30.08	WC	Ilenana Trk
6	F-60	G-1	10/12/2007	7:25	20	23.24	WC	Munoz
7	F-61	F-1	10/12/2007	7:30	20		WC	

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					Approximate	Tipping Weight	Manifested	Transporation
Number / Day	Manifest Number	Grid Location	Date	Time	Volume (c.y)	Volume (tons)	Facility	Company
8	F-62	F-1	10/12/2007	7:30	20		WC	
9	6651	B-7	10/12/2007	7:30	20		PA	
10	6650	B-7	10/12/2007	7:35	20	35.55	PA	Tapia Trucking
11	6649	B-7	10/12/2007	7:39	20	35.32	PA	
12	6634	B-7	10/12/2007	7:43	20		PA	
13	F-64	F-1	10/12/2007	7:46	20	26.57	PA	Munoz
14	6648	B-7	10/12/2007	7:50	20		PA	
15	F-70	F-1	10/12/2007	7:55	20	27.66	WC	Mendes
16	6645	B-7	10/12/2007	7:58	20		PA	
17	F-57	F-1	10/12/2007	7:59	20	26.48	WC	Munoz
18	6644	B-7	10/12/2007	8:00	20		PA	
19	F-58	F-1	10/12/2007	8:05	20	27.37	WC	Munoz
20	6636	B-6	10/12/2007	8:08	20		PA	
21	6635	B-6	10/12/2007	8:14	20	26.4	PA	Munoz
22	6641	B-6	10/12/2007	8:15	20		PA	
23	F-59	F-1	10/12/2007	8:20	20	26.81	WC	Sanchez
24	F-73	F-1	10/12/2007	8:22	20		WC	
25	F-61	F-1	10/12/2007	8:28	20	27.02	WC	Barahona Bros
26	6637	B-6	10/12/2007	8:34	20		PA	
27	6640	B-6	10/12/2007	8:35	20		PA	
28	6638	B-6	10/12/2007	8:37	20	36.19	PA	Alamo
29	F-63	F-1	10/12/2007	8:37	20	22.98	WC	Mendes
30	F-62	F-1	10/12/2007	8:38	20	27.4	WC	Munoz
31	6643	F-4	10/12/2007	8:40	20		PA	
32	6639	F-4	10/12/2007	8:44	20		PA	
33	6772	F-4	10/12/2007	8:46	20		PA	
34	6773	E-1	10/12/2007	8:53	20		PA	
35	6774	B-6	10/12/2007	8:55	20		PA	
36	6775	E-1	10/12/2007	8:58	20		PA	
37	6776	F-4	10/12/2007	9:00	20	35.43	PA	
38	F-65	F-1	10/12/2007	9:02	20		WC	
39	6777	F-4	10/12/2007	9:03	20		PA	
40	F-67	E-4	10/12/2007	9:06	20	32.93	WC	J & J Bros
41	F-66	F-1	10/12/2007	9:11	20		WC	
42	6642	F-4	10/12/2007	9:12	20	36.31	PA	CF Bros
43	F-69	F-1	10/12/2007	9:17	20	26.93	WC	
44	6771	F-4	10/12/2007	9:23	20	27.74	PA	K & W
45	F-72	F-1	10/12/2007	9:25	20		WC	
46	6768	F-4	10/12/2007	9:29	20		PA	
47	F-72	F-1	10/12/2007	9:33	20	25.25	WC	Velarde
48	6765	F-4	10/12/2007	9:52	20	36.48	WC	Premier Express
49	F-74	F-1	10/12/2007	9:55	20	24.28	PA	Anderson Express
50	F-75	F-1	10/12/2007	9:58	20	27.68	WC	Zaza
51	6778	F-4	10/12/2007	9:59	20		PA	
52	F-76	E-4	10/12/2007	10:02	20	22.95	WC	Corona
53	6767	B-6	10/12/2007	10:07	20	35.51	PA	Innovative
54	F-77	E-4	10/12/2007	10:10	20	31.77	WC	Munoz
55	F-78	E-4	10/12/2007	10:17	20	30.62	WC	Ilenana Trk
56	6766	B-6	10/12/2007	10:18	20		PA	
57	6769	F-4	10/12/2007	10:21	20	34.53	PA	
58	6770	D-1	10/12/2007	10:23	20		PA	
59	F-79	E-4	10/12/2007	10:51	20	28.214	WC	CC
60	F-80	E-4	10/12/2007	10:55	20	35.95	WC	Ilenana Trk
61	6763	F-4	10/12/2007	11:05	20		PA	
62	6764	F-4	10/12/2007	11:11	20	35.32	PA	Tapia Trucking
63	6761	F-4	10/12/2007	11:15	20		PA	
64	6762	F-4	10/12/2007	11:19	20		PA	
65	6757	F-4	10/12/2007	11:27	20		PA	
66	6760	F-4	10/12/2007	11:29	20		PA	
67	6754	B-6	10/12/2007	11:38	20		PA	
68	6756	B-5	10/12/2007	11:42	20		PA	
69	6755	B-5	10/12/2007	11:48	20		PA	
70	6753	B-5	10/12/2007	11:54	20		PA	
71	6752	B-5	10/12/2007	12:00	20		PA	

Table 6
Summary of Material Exported from the Site
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West 34th Street and 11th Avenue
New York, NY
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Facility Code	Facility
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NJ	Millington, NJ
WC	Walter R. Earle Corp.
CE	Casie Ecology
MH	Mullica Hill
SK	South Kearny, NJ
BD	Bellmawr Waterfront Development
AL	Alliance
LN	Lyndhurst, NJ

					Approximate	Tipping Weight	Manifested	Transporation
Number / Day	Manifest Number	Grid Location	Date	Time	Volume (c.y)	Volume (tons)	Facility	Company
72	6751	B-5	10/12/2007	12:11	20		PA	
73	6750	B-5	10/12/2007	12:12	20		PA	
74	6748	B-4	10/12/2007	12:22	20		PA	
75	6749	B-5	10/12/2007	12:25	20		PA	
76	6746	B-4	10/12/2007	12:26	20		PA	
77	6780	B-4	10/12/2007	12:30	20	35.55	PA	
78	6759	B-4	10/12/2007	12:37	20		PA	
79	6758	B-2	10/12/2007	12:41	20		PA	
80	6782	B-2	10/12/2007	12:45	20		PA	
81	6747	B-4	10/12/2007	12:46	20		PA	
82	6783	B-2	10/12/2007	12:49	20		PA	
83	6785	B-3	10/12/2007	12:53	20	35.4	PA	
84	6779	B-3	10/12/2007	12:58	20		PA	
85	6787	B-2	10/12/2007	13:03	20		PA	
86	6784	B-2	10/12/2007	13:07	20		PA	
87	6813	F-4	10/12/2007	13:14	20		PA	
88	6786	F-4	10/12/2007	13:18	20	19.11	PA	Sanchez
89	F-82	C-7	10/12/2007	13:36	20	22	WC	Munoz
90	F-83	C-7	10/12/2007	13:41	20		WC	
91	6811	E-1	10/12/2007	13:42	20		PA	
92	F-84	C-7	10/12/2007	13:48	20	25.25	WC	Munoz
93	F-85	C-7	10/12/2007	13:56	20	25.41	WC	Munoz
94	F-86	C-7	10/12/2007	14:02	20	26.73	WC	Munoz
95	F-88	C-7	10/12/2007	14:05	20	29.4	WC	Get Loaded
96	F-81	C-7	10/12/2007	14:33	20	32.9	WC	J & J Bros
97	F-89	C-7	10/12/2007	14:38	20	28.09	WC	mendes
98	F-90	C-7	10/12/2007	14:39	20	24.02	WC	E Santos
99	F-91	C-7	10/12/2007	14:42	20	28.94	WC	CF Bros
100	F-92	C-7	10/12/2007	14:49	20	28.69	WC	CC
101	F-95	C-7	10/12/2007	14:58	20	28.28	WC	Munoz
102	F-96	C-7	10/12/2007	15:00	20	30.35	WC	Sanchez
103	6817	E-1	10/12/2007	15:02	20		PA	CC
104	6818	E-1	10/12/2007	15:09	20	36.4	PA	CC
105	F-97	C-7	10/12/2007	15:10	20	27.9	WC	Alamo
106	F-93	C-7	10/12/2007	15:13	20	28.64	WC	Premier Express
107	6319	E-1	10/12/2007	15:21	20		PA	
108	F-98	C-7	10/12/2007	15:23	20	22.6	WC	Castillo Trucking
109	6820	E-1	10/12/2007	15:25	20		PA	
110	F-94	C-7	10/12/2007	15:26	20	27.63	WC	Munoz
111	F-100	C-7	10/12/2007	15:30	20	25.42	WC	CF Bros
112	5709	E-1	10/12/2007	15:31	20	32.92	PA	Ilenana Trk
113	F-99	C-7	10/12/2007	15:42	20	29.15	WC	Velarde
114	F-101	C-7	10/12/2007	15:48	20	27.91	WC	E Santos
115	F-102	C-7	10/12/2007	15:53	20	28.44	WC	LOBL
116	F-103	C-7	10/12/2007	15:57	20	25.02	WC	E Santos
117	F-106	C-7	10/12/2007	16:00	20	35.43	WC	Innovative
1	6529	C-6	10/15/2007	7:04	20		PA	
2	6530	C-6	10/15/2007	7:10	20		PA	
3	6528	C-6	10/15/2007	7:13	20		PA	
4	6527	C-6	10/15/2007	7:18	20		PA	
5	6526	C-6	10/15/2007	7:22	20		PA	
6	6525	C-6	10/15/2007	7:26	20	35.4	PA	Tapia Trucking
7	6524	C-6	10/15/2007	7:27	20		PA	
8	6523	C-6	10/15/2007	7:30	20		PA	
9	F-114	G-1	10/15/2007	7:35	20	27.08	WC	Calle
10	6522	D-5	10/15/2007	7:36	20		WC	
11	F-104	C-5	10/15/2007	7:41	20	33.55	WC	Tapia Trucking
12	F-113	G-1	10/15/2007	7:43	20	30.72	WC	Juda Const
13	F-105	C-5	10/15/2007	7:45	20	33.67	WC	Tapia Trucking
14	F-107	C-5	10/15/2007	7:50	20	31.56	WC	J & J Bros
15	F-108	C-5	10/15/2007	7:55	20	36.48	WC	Munoz
16	F-109	C-5	10/15/2007	7:57	20	33.41	WC	Munoz
17	F-110	C-5	10/15/2007	7:59	20	32.14	WC	Munoz
18	F-112	C-5	10/15/2007	8:03	20	32.16	WC	Corona

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AL	Alliance
LN	Lyndhurst, NJ

					Approximate	Tipping Weight	Manifested	Transporation
Number / Day	Manifest Number	Grid Location	Date	Time	Volume (c.y)	Volume (tons)	Facility	Company
19	F-111	C-4	10/15/2007	8:05	20	35.46	WC	Salazar Trucking
20	F-115	C-4	10/15/2007	8:09	20	34.8	WC	Munoz
21	F-128	C-4	10/15/2007	8:11	20	34.19	WC	Munoz
22	F-116	C-4	10/15/2007	8:15	20	27.53	WC	Munoz
23	F-117	C-4	10/15/2007	8:19	20	31.41	WC	Munoz
24	F-118	C-5	10/15/2007	8:21	20	31.74	WC	Munoz
25	F119	C-5	10/15/2007	8:24	20	30.99	WC	Munoz
26	F-120	C-5	10/15/2007	8:27	20	30	WC	Manolos Trucking
27	F-121	C-5	10/15/2007	8:30	20	27.52	WC	Lopez
28	F-122	C-5	10/15/2007	8:33	20	33	WC	K & W
29	F-123	C-4	10/15/2007	8:35	20	28.78	WC	HE & Son
30	F-120	C-4	10/15/2007	8:39	20		WC	
31	F-129	C-4	10/15/2007	8:42	20		WC	
32	F-127	C-4	10/15/2007	8:45	20	29.03	WC	Velarde
33	F-125	C-4	10/15/2007	8:47	20	29.84	WC	Velarde
34	6519	F-4	10/15/2007	8:55	20		PA	
35	6518	F-4	10/15/2007	9:05	20		PA	
36	6517	F-4	10/15/2007	9:11	20		PA	
37	6515	F-4	10/15/2007	9:17	20		PA	
38	6516	F-4	10/15/2007	9:19	20		PA	
39	6513	F-4	10/15/2007	9:24	20		PA	
40	6512	F-4	10/15/2007	9:26	20		PA	
41	6511	F-4	10/15/2007	9:35	20	36.46	PA	M.Painting
42	6510	F-4	10/15/2007	9:39	20	18.79	PA	MCB Trucking
43	6509	F-4	10/15/2007	9:45	20		PA	
44	6508	F-4	10/15/2007	9:47	20		PA	
45	6507	F-4	10/15/2007	9:51	20	36.29	PA	M.Painting
46	6505	F-4	10/15/2007	9:58	20		PA	
47	6506	F-4	10/15/2007	10:02	20		PA	
48	6504	B-2	10/15/2007	10:16	20		PA	
49	6514	B-2	10/15/2007	10:21	20	30.72	PA	CF Bros
50	6499	B-2	10/15/2007	10:23	20	36.06	PA	Mama's Boy
51	6502	B-2	10/15/2007	10:28	20		PA	
52	6501	B-2	10/15/2007	10:32	20		PA	
53	6500	B-2	10/15/2007	10:38	20		PA	
54	6503	B-2	10/15/2007	10:40	20		PA	
55	6496	B-3	10/15/2007	10:45	20	35.95	PA	Morillo
56	6497	B-2	10/15/2007	10:47	20	35.52	PA	Premier Express
57	6494	B-2	10/15/2007	10:50	20	36.16	PA	Munoz
58	6498	B-3	10/15/2007	10:55	20	36.04	PA	Munoz
59	6493	B-3	10/15/2007	11:31	20	34.92	PA	
60	6483	B-2	10/15/2007	11:38	20		PA	
61	6484	B-2	10/15/2007	11:41	20		PA	
62	6485	B-2	10/15/2007	11:46	20		PA	
63	6480	B-2	10/15/2007	11:50	20		PA	
64	6482	B-2	10/15/2007	11:53	20		PA	
65	6486	B-2	10/15/2007	11:58	20		PA	
66	6481	C-2	10/15/2007	12:00	20		PA	
67	6478	C-2	10/15/2007	12:04	20	25.75	PA	Corona
68	6479	C-2	10/15/2007	12:07	20		PA	
69	6477	C-3	10/15/2007	12:12	20		PA	
70	6476	C-2	10/15/2007	12:17	20		PA	
71	6475	C-2	10/15/2007	12:20	20		PA	
72	6473	D-2	10/15/2007	12:24	20		PA	
73	6474	D-2	10/15/2007	12:30	20		PA	
74	6472	D-2	10/15/2007	12:33	20	35.4	PA	Tapia Trucking
75	6471	C-2	10/15/2007	12:38	20		PA	
76	6463	C-3	10/15/2007	12:47	20		PA	
77	6467	C-3	10/15/2007	13:10	20		PA	
78	6465	C-3	10/15/2007	13:22	20		PA	
79	6466	C-3	10/15/2007	13:24	20	35.93	PA	CF Bros
1	003285308	G-2	10/16/2007	7:15	22	32.2	CE	Nacirema
2	003285307	G-2	10/16/2007	7:18	22	34.1	CE	Nacirema
3	003285306	G-2	10/16/2007	7:21	22	38.79	CE	Nacirema

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					Approximate	Tipping Weight	Manifested	Transporation
Number / Day	Manifest Number	Grid Location	Date	Time	Volume (c.y)	Volume (tons)	Facility	Company
4	003285313	G-2	10/16/2007	7:31	22	42.93	CE	Nacirema
5	003285309	G-2	10/16/2007	7:40	22	36.65	CE	Nacirema
6	003285311	G-2	10/16/2007	7:47	22	38.19	CE	Nacirema
7	003285305	G-2	10/16/2007	7:55	22	40.51	CE	Nacirema
8	003285314	G-2	10/16/2007	8:00	22	42.05	CE	Nacirema
9	003285310	F-2	10/16/2007	8:10	22	42.86	CE	Nacirema
10	003285312	F-2	10/16/2007	8:15	22	38.32	CE	Nacirema
1	003285316	F-2	10/17/2007	7:34	22		CE	
2	003285317	G-2	10/17/2007	7:49	22	27.88	CE	Nacirema
3	003285320	G-2	10/17/2007	7:36	22	32.86	CE	Nacirema
4	0032585323	G-2	10/17/2007	8:03	22		CE	
5	003285326	F-2	10/17/2007	8:10	22	28.83	CE	Nacirema
6	003285318	F-2	10/17/2007	8:15	22	32.71	CE	Nacirema
7	003285325	F-2	10/17/2007	8:21	22	32.16	CE	Nacirema
8	003285322	F-2	10/17/2007	8:31	22	34.54	CE	Nacirema
9	003285321	F-2	10/17/2007	8:40	22	31.87	CE	Nacirema
1	F-130	C-7	10/22/2007	7:08	20	30.84	WC	Tapia Trucking
2	F-131	C-7	10/22/2007	7:14	20	27.96	WC	Tapia Trucking
3	F-132	C-7	10/22/2007	0:00	20	27.35	WC	Munoz
4	6461	C-5	10/22/2007	7:22	20		PA	
5	6460	C-6	10/22/2007	7:25	20		PA	
6	7258	C-4	10/22/2007	7:30	20		MH	Juda Const
7	7267	C-4	10/22/2007	7:35	20	30.08	MH	All American Trucking
8	7266	C-4	10/22/2007	7:39	20	33.53	MH	All American Trucking
9	003285347	G-4	10/22/2007	7:45	22	36.04	CE	Nacirema
10	003285348	G-4	10/22/2007	7:49	22	33.12	CE	Nacirema
11	003285349	G-4	10/22/2007	7:53	22	33.66	CE	Nacirema
12	003285351	G-4	10/22/2007	8:00	22	37.43	CE	Nacirema
13	003285350	G-4	10/22/2007	8:05	22	40.3	CE	Nacirema
14	F-133	C-7	10/22/2007	8:10	20	27.39	WC	Juda Const
15	F-135	C-7	10/22/2007	0:00	20		WC	
16	F-136	D-7	10/22/2007	0:00	20	27.62	WC	Juda Const
17	F-140	D-7	10/22/2007	8:22	20	26.34	WC	Juda Const
18	F-139	D-7	10/22/2007	8:26	20	28.06	WC	Juda Const
19	F-138	D-7	10/22/2007	8:28	20	26.35	PA	Juda Const
20	6531	D-6	10/22/2007	8:35	20	32.25	PA	Juda Const
21	6532	D-6	10/22/2007	8:40	20	30.88	PA	Juda Const
22	6536	C-6	10/22/2007	8:49	20	31.11	PA	Juda Const
23	6538	C-6	10/22/2007	9:03	20	30.28	PA	Juda Const
24	6540	C-6	10/22/2007	10:57	20		PA	
25	6539	C-6	10/22/2007	11:03	20		PA	
26	6541	C-6	10/22/2007	11:08	20		PA	
27	7265	C-6	10/22/2007	11:13	20		PA	
28	6468	C-6	10/22/2007	11:17	20		PA	
29	6459	D-6	10/22/2007	11:44	20	26.89	PA	Juda Const
30	6452	D-6	10/22/2007	11:50	20	31.95	PA	Juda Const
31	6458	D-5	10/22/2007	11:52	20	29.18	PA	Juda Const
32	6457	D-5	10/22/2007	11:58	20	31.43	PA	Juda Const
33	6456	D-5	10/22/2007	12:01	20		PA	
34	6455	D-5	10/22/2007	12:40	20	30.01	PA	Juda Const
35	6454	D-5	10/22/2007	12:44	20	31.95	PA	Juda Const
36	6453	D-5	10/22/2007	12:48	20	28.09	PA	Juda Const
37	6533	D-5	10/22/2007	12:53	20		PA	
38	7264	D-5	10/22/2007	13:07	20	31.3	PA	Juda Const
39	7263	D-5	10/22/2007	13:43	20	37.05	PA	Juda Const
40	F-142	C-4	10/22/2007	13:47	20	28.52	WC	All American Trucking
41	F-145	D-4	10/22/2007	13:50	20	30.5	WC	All American Trucking
42	F-144	D-4	10/22/2007	13:55	20	25.36	WC	All American Trucking
1	7258	D-1	10/23/2007	7:11	20		PA	
2	7256	D-1	10/23/2007	7:17	20		PA	Juda Const
3	7255	D-1	10/23/2007	7:22	20	29.45	PA	Juda Const
4	F-150	D-4	10/23/2007	7:25	20	23.33	WC	Juda Const
5	F-145	D-3	10/23/2007	7:28	20	27.25	WC	Juda Const
6	F-146	D-3	10/23/2007	7:33	20	25.46	WC	Juda Const

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					Approximate	Tipping Weight	Manifested	Transporation
Number / Day	Manifest Number	Grid Location	Date	Time	Volume (c.y)	Volume (tons)	Facility	Company
7	F-147	B-1	10/23/2007	7:40	20	23.43	WC	Juda Const
8	F-148	B-1	10/23/2007	7:45	20	27.97	WC	Juda Const
9	F-149	B-1	10/23/2007	7:51	20	33.04	WC	Juda Const
10	F-151	A-1	10/23/2007	11:03	20	27.7	WC	Juda Const
11	F-152	A-1	10/23/2007	11:08	20	25.89	WC	Juda Const
12	F-153	A-1	10/23/2007	11:14	20	24	WC	Juda Const
13	F-155	A-1	10/23/2007	11:19	20	28.75	WC	Juda Const
14	F-154	A-1	10/23/2007	11:25	20	26.46	WC	Juda Const
15	F-159	B-1	10/23/2007	11:28	20	29.27	WC	Juda Const
16	F-156	C-4	10/23/2007	11:35	20	31.08	WC	Juda Const
17	F-158	B-1	10/23/2007	11:39	20	29	WC	Juda Const
18	F-160	B-1	10/23/2007	12:48	20	28.48	WC	Juda Const
1	6561	F-6	10/24/2007	7:16	20		PA	
2	6560	F-6	10/24/2007	7:21	20		PA	
3	6558	F-6	10/24/2007	7:26	20		PA	
4	6563	E-7	10/24/2007	7:31	20		PA	
5	6562	F-7	10/24/2007	7:34	20		PA	
6	6564	F-7	10/24/2007	7:40	20		PA	
7	6559	E-7	10/24/2007	7:44	20		PA	
8	6557	E-7	10/24/2007	7:49	20		PA	
9	6553	E-7	10/24/2007	7:52	20		PA	
10	6551	E-7	10/24/2007	7:56	20		PA	
11	6552	F-7	10/24/2007	8:00	20		PA	
12	6554	F-7	10/24/2007	8:02	20		PA	
13	6555	E-7	10/24/2007	8:08	20		PA	
14	6548	E-6	10/24/2007	8:13	20		PA	
15	6547	E-6	10/24/2007	8:17	20	32.29	PA	
16	6546	F-6	10/24/2007	8:22	20	25.75	PA	Corona
17	6556	E-6	10/24/2007	8:23	20		PA	
18	6545	F-6	10/24/2007	8:27	20		PA	
19	7254	D-6	10/24/2007	8:39	20		PA	CC
20	6542	E-6	10/24/2007	9:46	20		PA	
21	6550	E-6	10/24/2007	8:49	20	33.55	PA	Corona
22	6549	F-6	10/24/2007	8:53	20	35.43	PA	Innovative
23	6543	F-6	10/24/2007	8:57	20	36.86	PA	Munoz
24	6565	F-5	10/24/2007	9:03	20	36.02	PA	Service Express
25	6566	F-5	10/24/2007	9:11	20	34.66	PA	Innovative
26	6567	E-5	10/24/2007	11:12	20		PA	
27	6568	E-5	10/24/2007	11:17	20		PA	
28	6443	E-5	10/24/2007	11:23	20	34.9	PA	Juda Const
29	6444	F-5	10/24/2007	11:27	20		PA	
30	6445	F-5	10/24/2007	11:32	20		PA	
31	6446	F-5	10/24/2007	11:38	20		PA	
1	F-162	E-5	10/25/2007	7:17	20	25.51	WC	Munoz
2	F-134	E-5	10/25/2007	7:23	20	27.49	WC	Munoz
3	F-161	E-5	10/25/2007	7:27	20	28.3	WC	Corona
4	F-163	E-5	10/25/2007	7:35	20	32.61	WC	Munoz
5	F-165	E-5	10/25/2007	7:40	20	27.88	WC	Corona
6	003285346	E-2	10/25/2007	7:45	22	38.44	CE	Nacirema
7	003285345	E-2	10/25/2007	7:51	22	32.92	CE	Nacirema
8	003285344	E-2	10/25/2007	7:56	22	34.28	CE	Nacirema
9	003285343	E-2	10/25/2007	8:02	22	35.69	CE	Nacirema
10	003285342	E-2	10/25/2007	8:07	22	28.82	CE	Nacirema
11	003285340	E-2	10/25/2007	8:10	22	36.93	CE	Nacirema
12	003285341	E-2	10/25/2007	8:15	22	32.35	CE	Nacirema
13	003285339	E-2	10/25/2007	8:20	22	36.61	CE	Nacirema
14	003285337	E-2	10/25/2007	8:25	22		CE	
15	003285316	E-2	10/25/2007	8:32	22	31.63	CE	Nacirema
16	003285338	E-2	10/25/2007	8:40	22	35.28	CE	Nacirema
17	003285352	E-2	10/25/2007	8:45	22	30.03	CE	Nacirema
18	F-165	E-4	10/25/2007	11:07	20		WC	
19	F-166	E-4	10/25/2007	11:13	20	26.23	WC	Munoz
20	F-167	E-4	10/25/2007	11:20	20	27.16	WC	Munoz
21	F-168	E-4	10/25/2007	12:54	20	29	WC	Munoz

Table 6
Summary of Material Exported from the Site
Area A
West 34th Street and 11th Avenue
New York, NY
BCP # C231049

Facility Code	Facility
PA	Bushkill, PA
NJ	Millington, NJ
WC	Walter R. Earle Corp.
CE	Casie Ecology
MH	Mullica Hill
SK	South Kearny, NJ
BD	Bellmawr Waterfront Development
AL	Alliance
LN	Lyndhurst, NJ

					Approximate	Tipping Weight	Manifested	Transporation
Number / Day	Manifest Number	Grid Location	Date	Time	Volume (c.y)	Volume (tons)	Facility	Company
22	F-169	E-4	10/25/2007	13:07	20	33.23	WC	Munoz
1	F-170	E-4	10/26/2007	7:21	20	29.8	WC	Tapia Trucking
2	F-171	A-3	10/26/2007	7:22	20	27.69	WC	Barahona Bros
3	F-172	A-3	10/26/2007	7:26	20	30.78	WC	J.Calle
4	F-174	A-2	10/26/2007	7:30	20	31.27	WC	Tapia Trucking
5	6449	B-2	10/26/2007	7:32	20	35.81	PA	CF Bros
6	6447	B-2	10/26/2007	7:38	20		PA	
7	6448	B-2	10/26/2007	7:39	20	35.31	PA	Tapia Trucking
8	6450	B-2	10/26/2007	7:43	20		PA	
9	5725	B-2	10/26/2007	7:46	20	35.4	PA	CF Bros
10	5730	B-2	10/26/2007	7:52	20	25.75	PA	Corona
11	5732	B-2	10/26/2007	7:56	20	27.8	PA	Ilenana Trk
12	5721	B-2	10/26/2007	8:00	20	36.53	PA	CF Bros
13	5733	C-2	10/26/2007	8:06	20		PA	Munoz
14	5719	B-2	10/26/2007	8:13	20		PA	
15	5718	B-2	10/26/2007	8:23	20	33.55	PA	Corona
16	5716	C-2	10/26/2007	8:27	20	32.92	PA	Ilenana Trk
17	5711	A-2	10/26/2007	11:56	20	35.55	PA	Tapia Trucking
18	5722	A-2	10/26/2007	12:00	20	36.19	PA	Tapia Trucking
19	5714	A-6	10/26/2007	12:05	20	35.4	PA	Tapia Trucking
20	5712	A-6	10/26/2007	12:15	20		PA	
21	5713	A-6	10/26/2007	12:18	20	27.76	PA	Barahona Bros
22	5727	A-6	10/26/2007	12:24	20		PA	
23	5728	A-6	10/26/2007	12:31	20		PA	
24	5726	A-6	10/26/2007	12:42	20	35.22	PA	Tapia Trucking
25	5723	A-4	10/26/2007	12:48	20	35.21	PA	Corona
26	5731	A-4	10/26/2007	12:52	20	27.8	PA	Ilenana Trk
27	5735	A-4	10/26/2007	12:58	20	36.81	PA	CF Bros
28	5724	A-4	10/26/2007	13:02	20	36.22	PA	CF Bros
29	5717	A-4	10/26/2007	13:09	20	33.55	PA	Corona
30	5734	A-4	10/26/2007	13:12	20		PA	
31	5720	A-4	10/26/2007	13:18	20		PA	
32	5715	A-4	10/26/2007	13:27	20	32.92	PA	Ilenana Trk
1	003285353	E-2	10/29/2007	7:20	22	34.77	CE	Nacirema
2	003285333	E-2	10/29/2007	7:27	22	34.5	CE	Nacirema
3	003285332	E-2	10/29/2007	7:33	22	33.63	CE	Nacirema
4	003285330	E-2	10/29/2007	7:37	22	32.95	CE	Nacirema
5	003285329	E-2	10/29/2007	7:43	22	40.12	CE	Nacirema
6	003285331	E-2	10/29/2007	7:50	22	34.62	CE	Nacirema
7	003285327	E-2	10/29/2007	7:55	22	35.04	CE	
8	003285328	E-2	10/29/2007	8:00	22	36.33	CE	Nacirema
9	003285334	E-2	10/29/2007	8:06	22	37.79	CE	Nacirema
10	003285354	E-2	10/29/2007	8:14	22	32.93	CE	Nacirema
11	F-175	A-3	10/29/2007	8:17	20	31.36	WC	Juda Const
12	F-176	A-3	10/29/2007	8:22	20	30.98	WC	Juda Const
13	F-177	A-3	10/29/2007	8:30	20	32.95	WC	Juda Const
14	F-178	A-3	10/29/2007	12:37	20	31.09	WC	Juda Const
15	F-179	A-3	10/29/2007	12:41	20	30.21	WC	Juda Const
16	F-180	A-3	10/29/2007	12:47	20	30.86	WC	Juda Const
17	7001	A-3	10/30/2007	7:26	20	35.54	MH	Juda Const
18	7003	A-3	10/30/2007	7:34	20	33.54	MH	Juda Const
19	7000	A-3	10/30/2007	13:20	20	36.25	MH	Juda Const
20	7002	A-3	10/30/2007	13:28	20	39.15	MH	Juda Const
1	003285377	E-2	10/31/2007	0:00	22	32.46	CE	Nacirema
2	003285371	E-2	10/31/2007	7:17	22	33.09	CE	Nacirema
3	003285373	E-2	10/31/2007	7:24	22	34.13	CE	Nacirema
4	003285365	E-2	10/31/2007	7:30	22	36.06	CE	Nacirema
5	003285367	F-2	10/31/2007	7:35	22	34.16	CE	Nacirema
6	003285370	F-2	10/31/2007	7:40	22	37.6	CE	Nacirema
7	003285379	F-2	10/31/2007	7:44	22	35.16	CE	Nacirema
8	003285375	F-2	10/31/2007	7:49	22	33.56	CE	Nacirema
9	003285362	F-2	10/31/2007	7:53	22	35.5	CE	Nacirema
10	003285363	F-2	10/31/2007	7:56	22	33.33	CE	Nacirema
11	003285381	F-2	10/31/2007	8:02	22	30.9	CE	Nacirema

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West 34th Street and 11th Avenue
New York, NY
BCP # C231049

Facility Code	Facility
PA	Bushkill, PA
NJ	Millington, NJ
WC	Walter R. Earle Corp.
CE	Casie Ecology
MH	Mullica Hill
SK	South Kearny, NJ
BD	Bellmawr Waterfront Development
AL	Alliance
LN	Lyndhurst, NJ

					Approximate	Tipping Weight	Manifested	Transporation
Number / Day	Manifest Number	Grid Location	Date	Time	Volume (c.y)	Volume (tons)	Facility	Company
12	003285440	F-2	10/31/2007	11:15	22	34.63	CE	Nacirema
13	003285378	F-2	10/31/2007	12:37	22	34.09	CE	Nacirema
14	003285372	F-2	10/31/2007	12:44	22	29.43	CE	Nacirema
15	003285376	F-2	10/31/2007	12:49	22	34.33	CE	Nacirema
16	003285369	F-2	10/31/2007	12:53	22	33.8	CE	Nacirema
17	003285380	F-2	10/31/2007	13:02	22	34.25	CE	Nacirema
18	003285366	F-2	10/31/2007	13:07	22	30.3	CE	Nacirema
19	003285368	F-2	10/31/2007	13:14	22	31.77	CE	Nacirema
20	003285361	F-2	10/31/2007	13:19	22	37.07	CE	Nacirema
21	003285364	F-2	10/31/2007	13:49	22	33.11	CE	Nacirema
22	003285382	F-2	10/31/2007	13:55	22	28.15	CE	Nacirema
23	003285374	F-2	10/31/2007	14:13	22	29.82	CE	Nacirema
1	7248	A-3	11/1/2007	10:42	20	34.73	MH	DJD
2	7247	A-3	11/1/2007	10:47	20	37.24	MH	Munoz
3	7246	A-3	11/1/2007	10:54	20	29.64	MH	Munoz
4	7245	A-3	11/1/2007	11:12	20	35.42	MH	J.Calle
5	7244	A-3	11/1/2007	11:27	20	31.79	MH	Manolos Trucking
6	7243	A-3	11/1/2007	11:31	20	34	MH	Munoz
7	7242	A-1	11/1/2007	11:39	20	33.22	MH	Cuenca Coronel
8	7252	A-3	11/1/2007	11:47	20	36.37	MH	VV SL Trucking LLC
1	F-181	A-7	11/5/2007	7:57	20	24.57	WC	DJD
2	F-182	A-7	11/5/2007	8:00	20	30.83	WC	Munoz
3	F-183	A-7	11/5/2007	8:23	20	27.21	WC	Munoz
4	F-184	A-7	11/5/2007	8:31	20	24.22	WC	Ilenana Trk
5	F-185	A-7	11/5/2007	8:40	20	28.18	WC	Ilenana Trk
6	F-186	A-7	11/5/2007	8:47	20	24.1	WC	Ilenana Trk
7	F-187	A-7	11/5/2007	11:50	20	25.53	WC	DJD
8	F-188	A-7	11/5/2007	12:41	20	18	WC	Ilenana Trk
9	F-189	A-7	11/5/2007	12:50	20	28.12	WC	Ilenana Trk
10	F-190	A-7	11/5/2007	13:00	20	25.95	WC	Ilenana Trk
11	F-191	A-7	11/5/2007	13:14	20	29.8	WC	Munoz
12	F-192	A-7	11/5/2007	13:20	20	28.89	WC	Munoz
1	003285387	F-2	11/9/2007	7:44	22	33.66	CE	Nacirema
2	003285384	F-2	11/9/2007	7:50	22	20.13	CE	Nacirema
3	003285386	F-2	11/9/2007	7:56	22	24.1	CE	Nacirema
4	003285385	F-2	11/9/2007	8:05	22	25.1	CE	Nacirema
5	003285389	F-2	11/9/2007	8:13	22	24.62	CE	Nacirema
6	003285388	F-2	11/9/2007	8:17	22	22.38	CE	Nacirema
7	003285391	F-2	11/9/2007	8:24	22	23.86	CE	Nacirema
8	003285392	F-2	11/9/2007	8:32	22		CE	
9	003285390	F-2	11/9/2007	9:36	22	24.83	CE	Nacirema
10	003853283	F-2	11/9/2007	13:32	22	21.89	CE	Nacirema
1	003122899	G-2	11/15/2007	7:30	20	29.32	SK	Leticia
2	003122900	G-2	11/15/2007	7:35	20	28.83	SK	Leticia
3	003122901	G-2	11/15/2007	7:41	20	34.01	SK	Leticia
4	003122902	G-2	11/15/2007	7:53	20	33.98	SK	Leticia
5	7278	A-6	11/15/2007	7:58	20		PA	Adin Trucking
6	7282	A-6	11/15/2007	8:06	20		PA	
7	7273	A-6	11/15/2007	8:13	20		PA	
8	7279	A-6	11/15/2007	8:17	20	35.71	PA	Juda Const
9	7287	A-6	11/15/2007	8:21	20		PA	
10	7272	A-6	11/15/2007	8:23	20	35.22	PA	Corona
11	7290	A-6	11/15/2007	8:29	20		PA	
12	7053	A-6	11/15/2007	8:34	20		PA	
13	7275	A-6	11/15/2007	8:40	20	34.18	PA	Juda Const
14	7054	A-6	11/15/2007	8:49	20	35.7	PA	JCV
15	7269	A-6	11/15/2007	8:52	20	29.22	PA	Juda Const
16	7290	A-6	11/15/2007	8:54	20		PA	
17	7270	A-6	11/15/2007	8:56	20	28.41	PA	Juda Const
18	7057	A-6	11/15/2007	9:03	20	25.52	PA	Juda Const
19	7292	A-6	11/15/2007	8:07	20	30.59	PA	Juda Const
20	7051	A-6	11/15/2007	9:12	20	32.92	PA	Ilenana Trk
21	00312903	G-2	11/15/2007	10:31	20	28.7	SK	Leticia
22	00312904	G-2	11/15/2007	10:38	20	30	SK	Leticia

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Facility Code	Facility
PA	Bushkill, PA
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					Approximate	Tipping Weight	Manifested	Transporation
Number / Day	Manifest Number	Grid Location	Date	Time	Volume (c.y)	Volume (tons)	Facility	Company
23	00312905	G-2	11/15/2007	10:44	20		SK	
24	00312906	G-2	11/15/2007	10:52	20	32.63	SK	Leticia
25	00312907	F-2	11/15/2007	12:50	20	30.25	SK	Leticia
26	00312908	F-2	11/15/2007	12:57	20	29.39	SK	Leticia
27	00312909	F-2	11/15/2007	13:03	20		SK	
28	00312910	F-2	11/15/2007	13:08	20		SK	
29	7280	A-6	11/15/2007	13:12	20		PA	
30	7281	A-6	11/15/2007	13:20	20		PA	
31	7277	A-6	11/15/2007	13:38	20	35.71	PA	Juda Const
32	7050	A-6	11/15/2007	13:45	20		PA	
33	7274	A-6	11/15/2007	13:52	20		PA	
1	003122913	F-2	11/16/2007	8:01	20	30.5	SK	Leticia
2	003122912	F-2	11/16/2007	8:04	20	34.66	SK	Leticia
3	003122914	F-2	11/16/2007	8:06	20	32.13	SK	Leticia
4	003122915	F-2	11/16/2007	8:12	20	29.84	SK	Leticia
5	003122916	F-2	11/16/2007	8:15	20	32.86	SK	Leticia
6	003122917	F-2	11/16/2007	8:31	20	29.23	SK	Leticia
7	003122918	F-2	11/16/2007	9:47	20	28.52	SK	Leticia
8	7048	A-5	11/16/2007	9:07	20	26.53	WC	Juda Const
9	7004	A-5	11/16/2007	8:38	20	27.38	WC	Juda Const
10	7005	A-5	11/16/2007	8:49	20	25.04	WC	Juda Const
11	7006	A-5	11/16/2007	9:35	20	26.26	WC	Juda Const
12	7007	A-5	11/16/2007	9:38	20		WC	
13	7125	A-5	11/16/2007	9:14	20		WC	
14	7123	A-5	11/16/2007	9:20	20		WC	
15	7127	A-5	11/16/2007	9:21	20		WC	
16	7126	A-5	11/16/2007	9:27	20		WC	
17	003122918	F-2	11/16/2007	9:47	20		SK	
18	003122919	F-2	11/16/2007	9:53	20	29.33	SK	Leticia
19	003122920	F-2	11/16/2007	10:41	20	32.45	SK	Leticia
20	003122921	F-2	11/16/2007	10:47	20	33.6	SK	Leticia
21	003122923	F-2	11/16/2007	10:54	20	31.73	SK	Leticia
22	003122922	F-2	11/16/2007	11:00	20	32.19	SK	Leticia
23	003122924	F-2	11/16/2007	11:07	20	34.1	SK	Leticia
24	003122925	F-2	11/16/2007	11:08	20	33.58	SK	Leticia
27	003122926	F-2	11/16/2007	11:37	20	28.13	SK	Leticia
28	003122927	F-2	11/16/2007	11:39	20	29.16	SK	Leticia
34	003122930	G-2	11/16/2007	13:16	20	34.35	SK	Leticia
35	003122928	G-2	11/16/2007	13:18	20	30.44	SK	Leticia
40	003122929	G-2	11/16/2007	13:24	20		SK	
44	F-212	A-5	11/16/2007	13:38	20	27.44	WC	Juda Const
47	003122933	G-2	11/16/2007	13:47	20	33.81	SK	Leticia
48	003122935	G-2	11/16/2007	13:52	20	33.25	SK	Leticia
49	003122934	F-2	11/16/2007	13:55	20	29.55	SK	Leticia
50	003122936	F-2	11/16/2007	14:00	20	31.47	SK	Leticia
51	003122937	F-2	11/16/2007	14:05	20	30.9	SK	Leticia
1	003122938	G-2	11/19/2007	7:30	20	29.43	SK	Leticia
2	003122942	G-2	11/19/2007	7:37	20	34.52	SK	Leticia
3	003122941	G-2	11/19/2007	7:40	20	29.85	SK	Leticia
4	003122943	G-2	11/19/2007	7:41	20	34.26	SK	Leticia
5	003122944	G-2	11/19/2007	7:43	20	36.59	SK	Leticia
6	003122945	G-2	11/19/2007	7:50	20	27.99	SK	Leticia
7	003122949	G-2	11/19/2007	7:57	20	29.61	SK	Leticia
8	003122950	G-2	11/19/2007	8:00	20	32.64	SK	Leticia
9	003122951	G-2	11/19/2007	8:06	20	30.66	SK	Leticia
14	F-217	G-1	11/19/2007	8:21	20	26.5	WC	Munoz
15	003122952	G-2	11/19/2007	8:24	20	34.1	SK	Leticia
16	F-218	G-1	11/19/2007	8:30	20	27.45	WC	Munoz
17	F-219	G-1	11/19/2007	8:34	20	28.33	WC	Munoz
18	F-220	G-1	11/19/2007	8:36	20	27.24	WC	Munoz
19	F-221	G-1	11/19/2007	8:38	20	27.43	WC	Munoz
20	F-222	G-1	11/19/2007	8:42	20	25.68	WC	Munoz
21	F-223	G-1	11/19/2007	8:51	20	26.26	WC	Munoz
22	F-224	G-1	11/19/2007	8:46	20	27.9	WC	Mid Haulers

Table 6
Summary of Material Exported from the Site
Area A
West 34th Street and 11th Avenue
New York, NY
BCP # C231049

Facility Code	Facility
PA	Bushkill, PA
NJ	Millington, NJ
WC	Walter R. Earle Corp.
CE	Casie Ecology
MH	Mullica Hill
SK	South Kearny, NJ
BD	Bellmawr Waterfront Development
AL	Alliance
LN	Lyndhurst, NJ

					Approximate	Tipping Weight	Manifested	Transporation
Number / Day	Manifest Number	Grid Location	Date	Time	Volume (c.y)	Volume (tons)	Facility	Company
23	F-225	G-1	11/19/2007	8:49	20	27.64	WC	Munoz
24	F-226	G-1	11/19/2007	8:54	20	28.54	WC	J.Calle
25	F-227	G-1	11/19/2007	9:00	20	27.1	WC	Munoz
26	F-228	G-1	11/19/2007	9:06	20	25.13	WC	Merchan Penafiel LLC
27	F-232	G-1	11/19/2007	9:07	20	24.3	WC	SV Trucking
28	F-229	G-1	11/19/2007	9:11	20	26.3	WC	Munoz
29	F-231	G-1	11/19/2007	9:13	20	26.52	WC	Munoz
30	F-233	G-1	11/19/2007	9:17	20	22.06	WC	Munoz
31	003122967	F-2	11/19/2007	10:36	20	34.48	SK	Leticia
32	003122968	F-2	11/19/2007	10:40	20	34.62	SK	Leticia
33	003122970	F-2	11/19/2007	10:45	20	33.5	SK	Leticia
34	003122971	F-2	11/19/2007	10:45	20	36.52	SK	Leticia
35	003122972	F-2	11/19/2007	10:50	20	30.31	SK	Leticia
36	003122973	F-2	11/19/2007	10:55	20	39.06	SK	Leticia
37	003122974	F-2	11/19/2007	11:14	20	29.84	SK	Leticia
38	003122975	F-2	11/19/2007	11:17	20	33.98	SK	Leticia
39	003122965	F-2	11/19/2007	11:27	20	32.12	SK	Leticia
40	003122966	F-2	11/19/2007	11:31	20	27.41	SK	Leticia
41	F-240	F-1	11/19/2007	11:37	20	26.88	WC	Munoz
42	F-241	F-1	11/19/2007	12:43	20	22.92	WC	Munoz
43	F-242	F-1	11/19/2007	12:49	20	29.02	WC	J.Calle
44	003122969	F-2	11/19/2007	12:54	20	33.34	SK	Leticia
45	003122956	F-2	11/19/2007	13:00	20	31.5	SK	Leticia
46	F-243	F-1	11/19/2007	13:07	20	24.06	WC	Munoz
47	F-244	F-1	11/19/2007	13:11	20	25.93	WC	Munoz
48	F-245	F-1	11/19/2007	13:12	20	25.88	WC	Munoz
49	F-246	F-1	11/19/2007	13:13	20	30.5	WC	Munoz
50	F-247	F-1	11/19/2007	13:18	20	28.62	WC	Munoz
51	003122958	F-2	11/19/2007	13:21	20	30.12	SK	Leticia
52	003122957	F-2	11/19/2007	13:25	20	31.8	SK	Leticia
53	F-248	F-1	11/19/2007	13:27	20	26.38	WC	Manolos Trucking
54	003122959	F-2	11/19/2007	13:32	20	29.6	SK	Leticia
55	F-249	F-1	11/19/2007	13:34	20	28.08	WC	Munoz
56	F-242	F-1	11/19/2007	13:36	20		WC	
57	003122960	F-2	11/19/2007	13:38	20	29.83	SK	
58	F-250	F-1	11/19/2007	13:42	20	29.46	WC	Munoz
59	003122962	F-2	11/19/2007	13:46	20	34.63	SK	Leticia
60	003122963	F-2	11/19/2007	13:49	20	30.47	SK	Leticia
61	F-251	F-2	11/19/2007	13:52	20	27.86	SK	Munoz
62	F-252	F-1	11/19/2007	13:55	20	26.42	WC	SV Trucking
63	003122964	F-1	11/19/2007	13:57	20	32.02	WC	Leticia
64	F-254	F-2	11/19/2007	14:07	20	27.68	SK	Merchan Penafiel LLC
65	F-253	F-1	11/19/2007	14:10	20	31.23	WC	mendes
66	F-230	F-1	11/19/2007	14:14	20	29.77	WC	Munoz
67	F-259	F-1	11/19/2007	14:16	20	28.34	WC	Munoz
68	F-255	F-1	11/19/2007	14:19	20	30.99	WC	Munoz
1	003122976	F-2	11/20/2007	10:17	20	24.76	SK	Leticia
2	003122977	F-2	11/20/2007	10:19	20	28.23	SK	Leticia
3	003122953	F-2	11/20/2007	10:31	20	28.04	SK	Leticia
4	003122954	F-2	11/20/2007	10:36	20	31.29	SK	Leticia
5	003122982	F-2	11/20/2007	10:40	20	33.92	SK	Leticia
6	003122978	F-2	11/20/2007	10:45	20	32.65	SK	Munoz
7	F-300	F-1	11/20/2007	11:45	20	28.51	WC	Juda Const
8	F-301	F-1	11/20/2007	11:48	20	27.85	WC	Munoz
9	F-262	F-1	11/20/2007	11:51	20	28.36	WC	Tapia Trucking
10	F-289	F-1	11/20/2007	11:58	20	25.15	WC	Tapia Trucking
11	F-288	F-1	11/20/2007	12:01	20	30.32	WC	Leticia
12	F-258	F-1	11/20/2007	12:45	20	25.72	WC	Munoz
13	F-261	F-1	11/20/2007	12:50	20	25.7	WC	Barahona Bros
14	F-302	F-1	11/20/2007	12:53	20	27.5	WC	Munoz
15	F-257	F-1	11/20/2007	13:00	20	24.28	WC	Munoz
16	F-263	F-1	11/20/2007	13:01	20	31.02	WC	J.Calle
17	F-266	F-1	11/20/2007	13:05	20	25.27	WC	Cuenca Coronel
18	F-256	F-1	11/20/2007	13:08	20	29.06	WC	mendes

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CE	Casie Ecology
MH	Mullica Hill
SK	South Kearny, NJ
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AL	Alliance
LN	Lyndhurst, NJ

					Approximate	Tipping Weight	Manifested	Transporation
Number / Day	Manifest Number	Grid Location	Date	Time	Volume (c.y)	Volume (tons)	Facility	Company
19	F-265	F-1	11/20/2007	13:14	20	27.21	WC	Munoz
23	003122967	E-2	11/20/2007	13:29	20		SK	
24	003122988	E-2	11/20/2007	13:33	20	27.97	SK	Leticia
25	003122989	E-2	11/20/2007	13:38	20	28.38	SK	Leticia
26	F-270	F55	11/20/2007	13:43	20	24.19	WC	Juda Const
27	003122987	E-2	11/20/2007	13:56	20	32.82	SK	Leticia
28	003122986	E-2	11/20/2007	13:57	20	34.65	SK	Leticia
29	003122985	E-2	11/20/2007	14:38	20	30.99	SK	Leticia
30	F-271	G-4	11/20/2007	14:43	20	26.98	WC	Juda Const
31	F-272	G-4	11/20/2007	14:46	20	28.66	WC	Juda Const
32	F-273	G-4	11/20/2007	14:51	20	27.1	WC	Juda Const
33	F-274	G-4	11/20/2007	15:00	20	25.69	WC	Juda Const
1	001871102	E-2	11/21/2007	11:05	20	28.14	SK	Leticia
2	001871103	E-2	11/21/2007	11:08	20	29.03	SK	Leticia
3	001871104	E-2	11/21/2007	11:11	20		SK	
4	F-279	G-4	11/21/2007	11:25	20	30.39	WC	Munoz
5	F-280	G-4	11/21/2007	11:27	20	27.96	WC	Munoz
6	F-282	G-4	11/21/2007	11:33	20	25.7	WC	Munoz
7	001871101	E-2	11/21/2007	11:37	20	29.37	SK	Leticia
8	F-277	G-4	11/21/2007	11:40	20	22.48	WC	Munoz
9	F-275	G-4	11/21/2007	11:44	20	26.61	WC	Tapia Trucking
10	F-276	G-4	11/21/2007	11:47	20	26.78	WC	Velarde
11	F-278	G-4	11/21/2007	11:53	20	24.41	WC	Velarde
12	7028	G-5	11/21/2007	11:57	20	27.8	PA	Ilenana Trk
13	7029	G-5	11/21/2007	12:00	20	25.44	PA	Juda Const
14	7047	G-5	11/21/2007	12:06	20	21.71	PA	Juda Const
15	7045	G-5	11/21/2007	12:09	20	36.46	PA	JCV
16	7031	G-5	11/21/2007	12:12	20	37.94	PA	JCV
17	7044	G-5	11/21/2007	12:16	20		PA	
18	5874	G-5	11/21/2007	12:20	20		PA	
19	7040	G-5	11/21/2007	12:23	20	30.71	PA	Juda Const
20	7046	G-5	11/21/2007	12:25	20	30.75	PA	Juda Const
21	7043	G-5	11/21/2007	12:31	20	30.75	PA	Juda Const
22	7034	G-5	11/21/2007	12:40	20		PA	
23	7042	G-5	11/21/2007	12:44	20		PA	
24	7041	G-5	11/21/2007	12:50	20		PA	
25	7035	G-5	11/21/2007	12:54	20		PA	
26	7036	F-6	11/21/2007	12:55	20		PA	
27	7037	G-5	11/21/2007	12:58	20		PA	
28	5897	G-5	11/21/2007	13:03	20	36.46	PA	JCV
29	5903	G-5	11/21/2007	13:08	20	31.66	PA	Ilenana Trk
30	5895	F-6	11/21/2007	13:09	20	32.92	PA	Ilenana Trk
31	5905	F-6	11/21/2007	13:15	20		PA	
32	5887	F-6	11/21/2007	13:20	20		PA	
33	5885	F-6	11/21/2007	13:23	20		PA	
34	5902	F-6	11/21/2007	13:27	20	34.78	PA	CF Bros
35	5904	F-6	11/21/2007	13:30	20		PA	
36	5898	F-6	11/21/2007	13:33	20		PA	
37	5901	E-6	11/21/2007	13:41	20	36.28	PA	Tapia Trucking
38	5900	E-6	11/21/2007	13:46	20	35.4	PA	Tapia Trucking
39	5896	E-6	11/21/2007	13:49	20		PA	
40	5899	E-6	11/21/2007	13:53	20		PA	
41	001871106	E-2	11/21/2007	14:00	20	27.31	SK	Leticia
42	001871107	E-2	11/21/2007	14:06	20	28.21	SK	Leticia
43	001871105	E-2	11/21/2007	14:10	20	30.44	SK	Leticia
44	001871108	E-2	11/21/2007	14:15	20	27.97	SK	Leticia
6	F-296	A-5	11/27/2007	10:53	20	24.67	WC	Torretta
7	F-297	A-5	11/27/2007	10:57	20	28.19	WC	Torretta
8	F-298	A-5	11/27/2007	11:00	20	28.94	WC	Torretta
9	F-299	A-5	11/27/2007	11:05	20	30.02	WC	Torretta
10	F-303	A-5	11/27/2007	11:10	20	29.79	WC	Torretta
1	005	F-1	11/30/2007	7:15	20	38.1	BD	JCV
2	006	F-1	11/30/2007	7:23	20	36.98	BD	JCV
3	003	F-1	11/30/2007	7:34	20	33.23	BD	JCV

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					Approximate	Tipping Weight	Manifested	Transporation
Number / Day	Manifest Number	Grid Location	Date	Time	Volume (c.y)	Volume (tons)	Facility	Company
4	007	F-1	11/30/2007	7:40	20	33.76	BD	JCV
5	004	F-1	11/30/2007	7:46	20	34.74	BD	JCV
6	001	F-1	11/30/2007	11:44	20	35.85	BD	JCV
7	008	F-1	11/30/2007	12:00	20	33.56	BD	JCV
8	002	F-1	11/30/2007	12:05	20	33.66	BD	JCV
9	009	F-1	11/30/2007	12:10	20	35.76	BD	JCV
5	014	F-1	12/3/2007	7:50	20	37.21	BD	JCV
6	015	F-1	12/3/2007	7:56	20	39.26	BD	JCV
12	016	F-1	12/3/2007	12:10	20	36.45	BD	JCV
13	017	F-1	12/3/2007	12:13	20	37.54	BD	JCV
14	019	F-1	12/3/2007	12:17	20	34.99	BD	JCV
17	020	F-1	12/3/2007	12:37	20	36.42	BD	JCV
18	018	F-1	12/3/2007	12:41	20	31.93	BD	JCV
1	001871217	F-2	12/4/2007	7:12	20	32.82	SK	Leticia
3	001871218	F-2	12/4/2007	7:35	20	34.27	SK	Leticia
4	018	F-1	12/4/2007	7:42	20		BD	
5	001871219	F-2	12/4/2007	7:45	20	26.2	WC	Leticia
6	F-314	F-1	12/4/2007	7:51	20	37.13	WC	JCV
7	F-315	F-1	12/4/2007	7:57	20		WC	JCV
8	F-316	F-1	12/4/2007	8:00	20	28.77	WC	JCV
9	001871220	F-2	12/4/2007	8:03	20	27.78	SK	Leticia
10	F-317	F-1	12/4/2007	8:05	20	33.85	WC	JCV
11	001871221	F-2	12/4/2007	8:08	20	34.55	SK	Leticia
12	001871222	F-2	12/4/2007	8:15	20	26.04	SK	Leticia
13	001871224	F-2	12/4/2007	10:04	20	32.2	SK	Leticia
14	001871225	F-2	12/4/2007	10:20	20	32.11	SK	Leticia
15	001871227	F-2	12/4/2007	10:25	20	32.98	SK	Leticia
16	001871228	F-2	12/4/2007	10:45	20	26.14	SK	Leticia
17	019	F-1	12/4/2007	11:38	20		BD	
22	001871229	F-2	12/4/2007	12:35	20	26.84	SK	Leticia
23	001871230	F-2	12/4/2007	12:36	20	27.19	SK	Leticia
24	001871231	F-2	12/4/2007	12:40	20	28.65	SK	Leticia
25	001871232	F-2	12/4/2007	13:00	20	34.08	SK	Leticia
1	001871233	G-2	12/5/2007	10:12	20	28.83	SK	Leticia
2	001871234	G-2	12/5/2007	10:17	20	27.52	SK	Leticia
3	003122999	G-2	12/5/2007	10:18	20		SK	
4	003122998	G-2	12/5/2007	10:21	20	35.12	SK	Leticia
5	F-322	G-2	12/5/2007	11:10	20	31.84	WC	Tapia Trucking
6	F-323	G55	12/5/2007	11:12	20	31.44	WC	
7	F-324	G-2	12/5/2007	11:17	20	31.44	WC	Tapia Trucking
8	003122997	G-2	12/5/2007	13:15	20	27.47	SK	Leticia
9	003122996	G-2	12/5/2007	13:35	20	29.88	SK	Leticia
10	003122990	G-2	12/5/2007	14:00	20	31.28	SK	Leticia
11	003122983	G-2	12/5/2007	14:10	20	33.35	SK	Leticia
1	003285439	G-2	12/6/2007	10:07	20		CE	
2	003285428	G-2	12/6/2007	10:16	20		CE	
3	003285429	G-2	12/6/2007	10:22	20		CE	
4	003285430	G-2	12/6/2007	10:25	20		CE	
5	003285431	G-2	12/6/2007	10:30	20		CE	
6	003285432	G-3	12/6/2007	10:45	20		CE	
7	003285433	G-3	12/6/2007	10:46	20		CE	
8	003285434	G-2	12/6/2007	10:53	20		CE	
9	003285435	G-2	12/6/2007	11:00	20		CE	
10	003285436	G-2	12/6/2007	11:02	20		CE	
11	003285437	G-2	12/6/2007	11:07	20		CE	
12	003285438	G-2	12/6/2007	11:12	20		CE	
1	003285393	F-2	12/7/2007	10:14	20		CE	
2	003285394	F-2	12/7/2007	10:17	20		CE	
3	003285395	E-2	12/7/2007	10:27	20		CE	
4	003285396	E-2	12/7/2007	10:31	20		CE	
5	003285397	E-2	12/7/2007	10:35	20	33.41	CE	Nacirema
6	003285398	E-2	12/7/2007	11:03	20		CE	
1	003285399	E-2	12/10/2007	10:14	20	34.7	CE	Leticia
2	F-336	A-5	12/10/2007	10:25	22	23.44	WC	

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					Approximate	Tipping Weight	Manifested	Transporation
Number / Day	Manifest Number	Grid Location	Date	Time	Volume (c.y)	Volume (tons)	Facility	Company
3	003285401	E-2	12/10/2007	10:30	20		CE	
4	F-338	A-5	12/10/2007	10:35	22	21.42	WC	
5	F-339	A-5	12/10/2007	10:39	22	24.56	WC	Nacirema
6	F-340	A-5	12/10/2007	10:43	22	26.96	WC	Nacirema
7	F-337	A-5	12/10/2007	10:50	22	25.62	WC	Nacirema
8	F-341	G-4	12/10/2007	11:00	22	29.53	WC	Nacirema
9	F-342	G-4	12/10/2007	11:07	22	27.59	WC	Nacirema
10	F-343	G-4	12/10/2007	11:12	22	29.95	WC	Nacirema
11	F-344	G-4	12/10/2007	11:30	22	29.73	WC	Nacirema
12	F-345	G-4	12/10/2007	11:35	22	31.27	WC	Nacirema
1	F-346	G-4	12/11/2007	10:10	22	27.72	WC	Nacirema
2	F-348	G-4	12/11/2007	10:15	22	29.03	WC	Nacirema
3	F-349	G-4	12/11/2007	10:17	22	29.02	WC	Nacirema
4	F-350	G-4	12/11/2007	10:21	22	28.32	WC	Nacirema
5	F-351	F-4	12/11/2007	10:27	22	22.97	WC	Nacirema
6	F-352	F-4	12/11/2007	10:30	22	27.23	WC	Nacirema
7	F-353	F-4	12/11/2007	10:35	22	27.76	WC	Nacirema
8	F-354	G-5	12/11/2007	10:40	22	30.34	WC	Nacirema
9	F-355	G-5	12/11/2007	10:44	22	30.46	WC	Nacirema
10	F-356	G-4	12/11/2007	10:47	22	25.58	WC	Nacirema
11	F-357	G-5	12/11/2007	10:51	22	30.04	WC	Nacirema
12	F-358	G-5	12/11/2007	10:56	22	29.39	WC	Nacirema
13	F-359	G-5	12/11/2007	11:00	22	29.02	WC	Nacirema
14	F-360	G-5	12/11/2007	11:05	22	19.8	WC	Nacirema
15	F-361	G-5	12/11/2007	11:08	22	24	WC	Nacirema
1	F-362	F-5	12/12/2007	10:10	22	28.52	WC	Nacirema
2	F-363	F-5	12/12/2007	10:15	22	30.03	WC	Nacirema
3	F-364	F-5	12/12/2007	10:17	22	30.75	WC	Nacirema
4	F-365	F-5	12/12/2007	10:21	22	35.02	WC	Nacirema
5	F-366	F-5	12/12/2007	10:24	22	31.69	WC	Nacirema
6	F-367	F-5	12/12/2007	10:27	22	31.52	WC	Nacirema
7	F-368	F-5	12/12/2007	10:30	22	26.09	WC	Nacirema
8	F-373	F-5	12/12/2007	11:10	22	26.18	WC	Nacirema
9	F-374	F-5	12/12/2007	11:15	22	25.95	WC	Nacirema
10	F-375	F-5	12/12/2007	11:20	22	29.26	WC	Nacirema
11	7137	A-7	12/12/2007	12:47	20	27.54	MH	JCV
12	7138	A-7	12/12/2007	12:51	20	28.15	MH	JCV
13	7139	A-7	12/12/2007	12:57	20	27.37	MH	JCV
14	7140	A-7	12/12/2007	13:03	20	32.62	MH	E Santos
15	7141	A-7	12/12/2007	13:13	20	29.05	MH	Best Friends
16	7142	A-7	12/12/2007	13:17	20	36.55	MH	JCV
17	7143	A-7	12/12/2007	13:25	20	30.47	MH	Best Friends
18	7144	A-7	12/12/2007	13:41	20	32.68	MH	Tapia Trucking
19	7145	A-7	12/12/2007	13:51	20	34.83	MH	Tapia Trucking
1	F-369	G-4	12/13/2007	10:26	20	32.75	WC	Nacirema
2	F-370	G-4	12/13/2007	10:31	20	27.94	WC	Nacirema
3	F-371	G-4	12/13/2007	11:34	20	31.07	WC	Nacirema
4	F-372	G-4	12/13/2007	11:38	20	31.12	WC	Nacirema
5	F-376	G-4	12/13/2007	10:41	20	30.18	WC	Nacirema
6	F-377	G-4	12/13/2007	10:46	20	29.24	WC	Nacirema
7	F-378	G-4	12/13/2007	10:50	20	31.18	WC	Nacirema
8	F-379	A-5	12/13/2007	10:55	20	30.36	WC	Nacirema
9	F-380	A-5	12/13/2007	11:00	20	31.48	WC	Nacirema
10	F-381	A-5	12/13/2007	11:04	20	31.68	WC	Nacirema
1	F-382	A-6	12/14/2007	10:32	20	30.03	AL	Nacirema
2	F-383	A-6	12/14/2007	10:37	20	28.18	AL	Nacirema
3	F-384	A-6	12/14/2007	10:42	20	28.26	AL	Nacirema
4	F-385	A-6	12/14/2007	10:45	20	30.79	AL	Nacirema
5	F-386	A-6	12/14/2007	10:51	20	25.77	AL	Nacirema
1	F-387	A-6	12/17/2007	10:17	20	28.12	AL	Nacirema
2	F-388	A-6	12/17/2007	10:21	20	29.22	AL	Nacirema
3	F-389	A-6	12/17/2007	10:27	20	28.9	AL	Nacirema
4	F-390	A-6	12/17/2007	10:29	20	26.22	AL	Nacirema
5	F-391	A-6	12/17/2007	10:35	20	25.2	AL	Nacirema

Table 6
Summary of Material Exported from the Site
Area A
West 34th Street and 11th Avenue
New York, NY
BCP # C231049

Facility Code	Facility
PA	Bushkill, PA
NJ	Millington, NJ
WC	Walter R. Earle Corp.
CE	Casie Ecology
MH	Mullica Hill
SK	South Kearny, NJ
BD	Bellmawr Waterfront Development
AL	Alliance
LN	Lyndhurst, NJ

					Approximate	Tipping Weight	Manifested	Transporation
Number / Day	Manifest Number	Grid Location	Date	Time	Volume (c.y)	Volume (tons)	Facility	Company
6	F-392	A-6	12/17/2007	10:40	20	31.59	AL	Nacirema
7	F-393	A-6	12/17/2007	10:43	20	32.2	AL	Nacirema
8	F-394	A-6	12/17/2007	10:50	20	28.28	AL	Nacirema
9	F-395	A-6	12/17/2007	10:57	20	20.27	AL	Nacirema
10	F-396	A-6	12/17/2007	11:28	20	27.92	AL	Nacirema
1	F-397	A-6	12/18/2007	10:08	20	28.93	AL	Nacirema
2	F-398	A-6	12/18/2007	10:15	20	28.38	AL	Nacirema
3	F-399	A-6	12/18/2007	10:19	20	29.47	AL	Nacirema
4	F-400	A-6	12/18/2007	10:22	20	27.98	AL	Nacirema
5	F-401	A-6	12/18/2007	10:27	20	33.04	AL	Nacirema
6	F-402	A-6	12/18/2007	10:30	20	32.35	AL	Nacirema
7	F-403	A-6	12/18/2007	10:34	20	27.5	AL	Nacirema
8	F-404	A-6	12/18/2007	10:38	20	29.45	AL	Nacirema
9	F-405	A-6	12/18/2007	10:54	20	29.44	AL	Nacirema
10	F-406	A-6	12/18/2007	11:46	20	21	AL	Nacirema
1	5923	D-5	12/19/2007	10:06	20	26.95	AL	Nacirema
2	5924	D-5	12/19/2007	10:09	20	30.09	AL	Nacirema
3	5925	D-5	12/19/2007	10:13	20	30.2	AL	Nacirema
4	5926	D-5	12/19/2007	10:15	20	29.52	AL	Nacirema
5	5927	D-5	12/19/2007	10:19	20	29.35	AL	Nacirema
6	5928	D-5	12/19/2007	10:27	20	26.64	AL	Nacirema
7	5929	D-5	12/19/2007	10:28	20	26.42	AL	Nacirema
8	5930	D-5	12/19/2007	10:29	20	29.06	AL	Nacirema
9	5931	D-5	12/19/2007	10:33	20	27.74	AL	Nacirema
10	5933	D-5	12/19/2007	10:38	20	29.04	AL	Nacirema
11	5934	D-5	12/19/2007	10:41	20	25.91	AL	Nacirema
12	F-408	A-5	12/19/2007	11:09	20	31.26	AL	Nacirema
13	F-409	A-5	12/19/2007	11:22	20	30.22	AL	JCV
14	F-410	A-5	12/19/2007	11:38	20	28.6	AL	JCV
15	F-411	A-5	12/19/2007	11:54	20	31.38	AL	Torretta
16	F-412	A-5	12/19/2007	12:01	20	31.38	AL	Torretta
17	F-413	A-5	12/19/2007	12:11	20	30.3	AL	SOS
18	F-414	A-5	12/19/2007	12:20	20	32.46	AL	Torretta
19	F-415	A-5	12/19/2007	12:26	20	32.04	WC	Nacirema
1	F-415	B-1	12/20/2007	10:13	20	36.31	WC	Ilenana Trk
2	F-416	A-5	12/20/2007	10:19	20	36.66	WC	Tapia Trucking
3	F-417	A-5	12/20/2007	10:26	20	30.52	WC	JCV
4	F-418	A-5	12/20/2007	10:33	20	29.85	WC	DJD
5	F-419	A-5	12/20/2007	10:39	20	29.32	WC	Nacirema
6	F-420	A-5	12/20/2007	10:44	20	35.82	WC	munoz
7	F-421	A-5	12/20/2007	10:48	20	30.99	WC	Nacirema
8	F-422	A-5	12/20/2007	10:56	20	31.61	WC	K & W
9	F-423	A-5	12/20/2007	11:01	20	23.77	WC	Nacirema
10	F-424	A-5	12/20/2007	11:10	20	27.18	WC	Nacirema
11	F-425	A-5	12/20/2007	11:12	20	29.94	WC	JCV
12	F-426	G-4	12/20/2007	11:17	20	26.3	WC	Nacirema
13	F-427	G-4	12/20/2007	11:22	20	27.1	WC	Corona
14	F-428	G-4	12/20/2007	11:25	20	30.62	WC	Nacirema
15	F-429	G-4	12/20/2007	11:30	20	36.14	WC	Adin Trucking
16	F-430	G-4	12/20/2007	11:33	20	26.37	WC	Nacirema
17	F-431	G-4	12/20/2007	11:35	20	30.73	WC	Tapia Trucking
18	F-432	G-4	12/20/2007	11:40	20	32.86	WC	Nacirema
19	F-433	G-4	12/20/2007	11:45	20	33.27	WC	SOS Transport
20	F-434	G-4	12/20/2007	11:49	20	30.14	WC	Corona
21	F-435	G-4	12/20/2007	11:52	20	27.15	WC	Nacirema
22	F-436	G-4	12/20/2007	11:56	20	30	WC	SOS Transport
23	F-437	G-4	12/20/2007	12:05	20	30.23	WC	Torretta
24	F-438	G-4	12/20/2007	12:08	20	34.49	WC	JML
25	F-439	G-4	12/20/2007	12:11	20	26.69	WC	Nacirema
26	F-440	G-4	12/20/2007	12:14	20	31.28	WC	Spec-Ops
27	F-441	G-4	12/20/2007	12:22	20	31.91	WC	AB Recycling LLC
28	F-442	G-4	12/20/2007	12:26	20	31.36	WC	JCV
29	F-443	G-4	12/20/2007	13:13	20	29.18	WC	SOS Transport
30	F-444	G-4	12/20/2007	13:18	20	28.98	WC	Ilenana Trk

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BD	Bellmawr Waterfront Development
AL	Alliance
LN	Lyndhurst, NJ

					Approximate	Tipping Weight	Manifested	Transporation
Number / Day	Manifest Number	Grid Location	Date	Time	Volume (c.y)	Volume (tons)	Facility	Company
31	F-445	G-4	12/20/2007	13:22	20	33.1	WC	JCV
32	F-446	G-4	12/20/2007	13:27	20	29.14	WC	Tapia Trucking
33	F-447	G-4	12/20/2007	13:53	20	37.24	WC	Tapia Trucking
34	F-448	E-4	12/20/2007	14:03	20	30.69	WC	Best Friends
35	F-449	E-4	12/20/2007	14:34	20	32.98	WC	Best Friends
36	F-450	E-4	12/20/2007	14:38	20		WC	
1	5938	F-4	12/21/2007	12:37	20	38.75	AL	Ilenana Trk
2	5939	F-4	12/21/2007	12:42	20	39.48	AL	Tapia Trucking
3	5940	F-4	12/21/2007	12:45	20	27.74	AL	K & W
4	5941	F-4	12/21/2007	12:48	20	34.9	AL	JCV
5	5942	F-4	12/21/2007	12:52	20	35.22	AL	SOS
6	5943	F-4	12/21/2007	12:55	20	31.81	AL	JCV
7	5944	F-4	12/21/2007	12:59	20	39.98	AL	Best Friends
8	5945	F-4	12/21/2007	13:07	20	31.61	AL	Ilenana Trk
9	5946	F-4	12/21/2007	13:13	20	40.52	AL	Tapia Trucking
10	5947	F-4	12/21/2007	13:33	20	35.52	AL	Ilenana Trk
11	5948	F-4	12/21/2007	13:36	20	38.8	AL	Ivan and Chris
12	5949	F-4	12/21/2007	14:08	20	36.48	AL	E Santos
13	5950	F-4	12/21/2007	14:37	20	33.35	AL	Best Friends
1	5966	F-4	12/22/2007	9:07	20	37.6	AL	Tapia Trucking
2	5965	F-4	12/22/2007	9:12	20	32.98	AL	Munoz
3	7148	F-4	12/22/2007	9:15	20		AL	
4	5952	E-4	12/22/2007	9:22	20	32.34	AL	Munoz
5	5953	E-4	12/22/2007	9:25	20	33.06	AL	Munoz
6	5954	E-4	12/22/2007	9:29	20	32.3	AL	Mid Haulers
7	5956	E-4	12/22/2007	9:33	20	36.91	AL	Munoz
8	5957	E-4	12/22/2007	9:37	20	32.57	AL	Munoz
9	5958	E-4	12/22/2007	9:40	20	31.77	AL	Munoz
10	5959	E-4	12/22/2007	9:43	20	31.76	AL	Munoz
11	5960	E-4	12/22/2007	9:48	20	32.22	AL	Mama's Boy
12	5961	E-4	12/22/2007	9:51	20	33.17	AL	MG Horizon Corp
13	5962	E-4	12/22/2007	9:55	20	32.57	AL	Manolos Trucking
14	5963	E-4	12/22/2007	9:58	20	30.68	AL	Munoz
15	7149	E-4	12/22/2007	10:02	20	29.47	AL	Barahona Bros
16	7150	E-4	12/22/2007	10:06	20	34.81	AL	Munoz
17	7151	E-4	12/22/2007	10:12	20	31.77	AL	Munoz
18	7152	E-4	12/22/2007	10:15	20	35.01	AL	CF Bros
19	7148	A-7	12/22/2007	10:22	20	32.63	CE	Munoz
20	7147	A-7	12/22/2007	10:26	20	30.55	CE	MG Horizon Corp
21	5964	B-5	12/22/2007	10:30	20	31.85	CE	Torretta
22	5967	B-5	12/22/2007	10:37	20	32.47	CE	Manolos Trucking
23	5968	B-5	12/22/2007	10:39	20	27.69	CE	Munoz
24	5970	B-5	12/22/2007	10:43	20	33.74	CE	Munoz
25	5971	B-6	12/22/2007	10:46	20	37.92	CE	K & W
26	5972	B-7	12/22/2007	10:52	20	32.78	CE	MV Transport
27	5973	B-7	12/22/2007	10:57	20	35.62	CE	MV Transport
28	5974	B-7	12/22/2007	11:05	20	38.13	CE	MV Transport
29	5975	B-7	12/22/2007	11:10	20	34.92	CE	Munoz
30	5976	B-7	12/22/2007	11:14	20	35.87	CE	E Santos
31	5978	B-7	12/22/2007	11:20	20	34.9	CE	Best Friends
32	5977	B-7	12/22/2007	11:24	20	32.65	CE	Best Friends
33	5979	B-7	12/22/2007	11:28	20	34.66	CE	Tapia Trucking
34	5980	B-7	12/22/2007	11:31	20	35.27	CE	Tapia Trucking
35	5981	E-5	12/22/2007	11:42	20	38.23	CE	Ivan and Chris
36	5982	E-5	12/22/2007	11:48	20	28.8	CE	Nacirema
37	5983	E-5	12/22/2007	11:51	20	29.98	CE	Nacirema
38	5984	E-5	12/22/2007	11:57	20	29.42	CE	Nacirema
39	5985	E-5	12/22/2007	12:00	20	29.93	CE	Nacirema
40	5986	E-5	12/22/2007	12:03	20	27.75	CE	Nacirema
41	5987	E-5	12/22/2007	12:07	20	29.65	CE	Nacirema
42	5988	E-5	12/22/2007	12:15	20	26.54	CE	Nacirema
43	5989	E-5	12/22/2007	12:25	20	28.83	CE	Nacirema
44	5990	E-5	12/22/2007	12:20	20	25.44	CE	Nacirema
45	5992	E-5	12/22/2007	12:31	20	25.23	CE	Nacirema

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Area A
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Facility Code	Facility
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					Approximate	Tipping Weight	Manifested	Transporation
Number / Day	Manifest Number	Grid Location	Date	Time	Volume (c.y)	Volume (tons)	Facility	Company
46	5994	F-5	12/22/2007	12:38	20	26.1	CE	Nacirema
47	5995	F-5	12/22/2007	12:42	20	25.17	CE	Nacirema
48	5996	F-5	12/22/2007	12:48	20	26.06	CE	Nacirema
49	5997	F-5	12/22/2007	12:49	20	27.19	CE	Nacirema
50	5998	F-5	12/22/2007	12:52	20	26.68	CE	Nacirema
51	5999	F-5	12/22/2007	12:55	20	25.79	CE	Nacirema
52	10750	A-7	12/22/2007	13:49	20	28.79	CE	
53	10749	A-7	12/22/2007	13:50	20	25.89	CE	Nacirema
54	10748	A-7	12/22/2007	13:55	20	28.27	CE	Nacirema
55	10747	A-7	12/22/2007	14:00	20	31.04	CE	Nacirema
56	10745	A-7	12/22/2007	14:03	20	29.87	CE	Nacirema
57	10746	A-7	12/22/2007	14:06	20	33.2	CE	Nacirema
58	5991	E-5	12/22/2007	14:29	20	27.61	CE	Nacirema
59	5993	E-5	12/22/2007	14:35	20	26.57	CE	Nacirema
60	10751	E-5	12/22/2007	14:59	20	37.32	CE	Ilenana Trk
1	10739	A-7	12/27/2007	11:01	20	33.48	AL	JCV
2	10740	A-7	12/27/2007	11:05	20	35.46	AL	JCV
3	10741	A-7	12/27/2007	11:11	20	32.69	AL	SOS
4	10742	A-7	12/27/2007	11:16	20	31.87	AL	JCV
5	10743	A-7	12/27/2007	11:20	20	25.25	AL	JCV
1	13088	A-7	12/28/2007	7:12	20	30.88	AL	Ilenana Trk
2	13087	A-7	12/28/2007	7:17	20	33.68	AL	Ilenana Trk
3	13086	A-7	12/28/2007	7:22	20	27.46	AL	Ilenana Trk
4	13084	A-7	12/28/2007	7:30	20	24.97	AL	Torretta
5	13085	A-7	12/28/2007	7:34	20	28.89	AL	Ilenana Trk
6	13083	A-6	12/28/2007	7:39	20	30.05	AL	Manolos Trucking
7	13082	A-6	12/28/2007	7:43	20	34.88	AL	MG Horizon Corp
8	13081	A-6	12/28/2007	7:48	20	30.94	AL	Ilenana Trk
9	13080	A-6	12/28/2007	7:54	20		AL	
10	13078	A-6	12/28/2007	7:58	20	32.43	AL	Zaza
11	13079	A-6	12/28/2007	8:00	20		AL	
12	13077	A-6	12/28/2007	8:06	20	33.88	AL	Torretta
13	13076	B-6	12/28/2007	8:11	20	30.62	AL	All American Trucking
14	13075	B-6	12/28/2007	8:15	20	35.1	AL	All American Trucking
15	13074	B-6	12/28/2007	8:20	20	34.4	AL	Torretta
16	13073	B-6	12/28/2007	8:23	20	27.98	AL	LOBL
17	13072	B-6	12/28/2007	8:30	20	34.71	AL	Best Friends
18	13071	B-5	12/28/2007	8:35	20	37.05	AL	Best Friends
19	13070	B-5	12/28/2007	8:38	20	34.04	AL	Spec-Ops
20	13068	B-5	12/28/2007	8:42	20	31.14	AL	Ilenana Trk
21	13067	B-5	12/28/2007	11:20	20	27.41	AL	JCV
22	13066	B-5	12/28/2007	11:17	20	24.24	AL	MG Horizon Corp
23	13065	C-5	12/28/2007	11:22	20	32.27	AL	JCV
24	13064	C-5	12/28/2007	11:37	20	25.37	AL	SOS
25	13063	C-5	12/28/2007	11:38	20	30.38	AL	JCV
26	13062	C-5	12/28/2007	11:48	20	26.17	AL	JCV
27	13061	C-5	12/28/2007	12:36	20	27.29	AL	Ilenana Trk
28	13060	C-5	12/28/2007	12:41	20	35.8	AL	Ilenana Trk
29	13059	C-5	12/28/2007	12:45	20	32.45	AL	Ilenana Trk
30	13058	C-5	12/28/2007	12:51	20	26.69	AL	Torretta
31	13057	C-5	12/28/2007	12:55	20	31.99	AL	Ilenana Trk
32	13056	C-5	12/28/2007	13:09	20	29.29	AL	Manolos Trucking
33	13055	C-5	12/28/2007	13:34	20	34.15	AL	K & W
34	13054	C-5	12/28/2007	13:39	20	24.86	AL	All American Trucking
35	13053	C-5	12/28/2007	13:43	20	32.28	AL	Ilenana Trk
36	13052	C-5	12/28/2007	14:06	20		AL	
37	13051	C-5	12/28/2007	14:10	20	35.41	AL	Best Friends
38	13050	C-5	12/28/2007	14:14	20	30.9	AL	Best Friends
1	7198	A-7	12/31/2007	8:06	20		LN	
2	7199	A-7	12/31/2007	8:12	20		LN	
3	7200	A-7	12/31/2007	8:41	20	26.4	LN	K & W
4	7201	A-7	12/31/2007	8:45	20		LN	
5	7202	A-7	12/31/2007	8:47	20	26.56	LN	Zaza
6	7190	A-7	12/31/2007	8:51	20	35.89	LN	Ilenana Trk

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					Approximate	Tipping Weight	Manifested	Transporation
Number / Day	Manifest Number	Grid Location	Date	Time	Volume (c.y)	Volume (tons)	Facility	Company
7	7191	A-7	12/31/2007	8:56	20	36.75	LN	SOS
8	7192	A-7	12/31/2007	9:04	20	31.91	LN	JCV
9	7193	A-7	12/31/2007	9:06	20		LN	Manolos Trucking
10	7194	A-7	12/31/2007	9:10	20	36.57	LN	Best Friends
11	7195	A-7	12/31/2007	9:15	20	33.44	LN	Best Friends
12	7196	A-7	12/31/2007	9:19	20	35.64	LN	JCV
13	7216	A-7	12/31/2007	9:21	20	33.3	LN	JCV
14	7217	A-7	12/31/2007	9:25	20	29.16	LN	JCV
15	7218	A-7	12/31/2007	9:51	20		LN	
16	7219	A-7	12/31/2007	9:55	20		LN	
17	7220	A-7	12/31/2007	10:07	20		LN	
18	7221	A-7	12/31/2007	10:12	20		LN	
19	7222	A-7	12/31/2007	10:18	20		LN	
20	7223	A-7	12/31/2007	10:34	20	36.05	LN	Best Friends
21	7224	A-7	12/31/2007	10:39	20	32.89	LN	Best Friends
22	7225	A-7	12/31/2007	10:52	20	37.76	LN	SOS
23	7226	A-7	12/31/2007	10:57	20	35.89	LN	Ilenana Trk
24	7227	A-7	12/31/2007	10:59	20	35.64	LN	JCV
25	7228	A-7	12/31/2007	11:10	20	31.01	LN	JCV
26	7189	A-7	12/31/2007	11:13	20	13.14	LN	JCV
27	7188	A-7	12/31/2007	11:29	20		LN	
28	7187	A-7	12/31/2007	11:32	20		LN	
29	7186	A-7	12/31/2007	11:37	20		LN	
30	7185	A-6	12/31/2007	11:40	20		LN	
31	7184	A-6	12/31/2007	11:43	20		LN	
32	7183	A-6	12/31/2007	12:36	20	36.86	LN	Best Friends
33	7182	A-6	12/31/2007	12:39	20	34.06	LN	Best Friends
34	7181	A-6	12/31/2007	12:41	20	35.64	LN	JCV
35	7180	A-6	12/31/2007	12:45	20	36.75	LN	SOS
36	7179	A-6	12/31/2007	12:48	20	35.89	LN	Ilenana Trk
37	7178	A-6	12/31/2007	12:51	20	13.14	LN	JCV
38	7177	A-6	12/31/2007	12:55	20	31.41	LN	JCV
39	7176	A-6	12/31/2007	12:58	20		LN	JCV
40	7175	A-6	12/31/2007	13:02	20		LN	
41	7229	A-6	12/31/2007	13:18	20		LN	
1	7238	G-5	1/3/2008	7:23	20	27.8	NJ	Ilenana Trk
2	7239	G-5	1/3/2008	7:26	20	37.14	NJ	JCV
3	7240	G-5	1/3/2008	7:34	20		NJ	
4	7241	G-5	1/3/2008	7:38	20		NJ	
5	7161	G-5	1/3/2008	7:43	20	35.76	NJ	JCV
6	7162	F-5	1/3/2008	7:48	20	35.64	NJ	JCV
7	7163	F-5	1/3/2008	7:53	20	34.96	NJ	SOS
8	7164	F-5	1/3/2008	7:59	20	36.45	NJ	JCV
9	7165	F-5	1/3/2008	8:02	20	34.3	NJ	JCV
10	7166	F-5	1/3/2008	8:05	20	34.75	NJ	JCV
11	7167	C-3	1/3/2008	9:48	20	27.8	NJ	Ilenana Trk
12	7168	C-3	1/3/2008	9:52	20	36.66	NJ	JCV
13	7169	C-3	1/3/2008	9:57	20		NJ	
14	7170	C-3	1/3/2008	10:02	20		NJ	
15	7171	C-3	1/3/2008	10:32	20	36.36	NJ	JCV
16	7172	C-3	1/3/2008	10:37	20	33.43	NJ	JCV
17	7173	C-3	1/3/2008	10:40	20	36.61	NJ	SOS
18	7174	C-3	1/3/2008	10:46	20	34.8	NJ	JCV
19	9615	C-3	1/3/2008	10:51	20	33.94	NJ	JCV
20	9614	C-3	1/3/2008	11:11	20	36	NJ	JCV
21	9613	E-5	1/3/2008	11:45	20	27.8	NJ	Ilenana Trk
22	9612	E-5	1/3/2008	11:48	20		NJ	
23	9611	E-5	1/3/2008	11:53	20	32.97	NJ	JCV
24	9610	E-5	1/3/2008	13:01	20	35.59	NJ	JCV
25	9609	E-5	1/3/2008	13:05	20	35.57	NJ	JCV
26	9608	E-5	1/3/2008	13:10	20		NJ	Best Friends
27	9607	E-5	1/3/2008	13:15	20	35.52	NJ	SOS
28	9606	E-5	1/3/2008	13:17	20		NJ	
29	9605	E-5	1/3/2008	13:19	20	36.96	NJ	JCV

Table 6
Summary of Material Exported from the Site
Area A
West 34th Street and 11th Avenue
New York, NY
BCP # C231049

Facility Code	Facility
PA	Bushkill, PA
NJ	Millington, NJ
WC	Walter R. Earle Corp.
CE	Casie Ecology
MH	Mullica Hill
SK	South Kearny, NJ
BD	Bellmawr Waterfront Development
AL	Alliance
LN	Lyndhurst, NJ

					Approximate	Tipping Weight	Manifested	Transporation
Number / Day	Manifest Number	Grid Location	Date	Time	Volume (c.y)	Volume (tons)	Facility	Company
30	9604	E-5	1/3/2008	13:23	20	34.78	NJ	JCV
31	9603	E-5	1/3/2008	13:44	20		NJ	
1	9602	E-5	1/4/2008	7:20	20		NJ	

Table 7
Summary of VOCs in Waste Characterization Soil Samples
Compared to Track 1 - Unrestricted Use

Sample ID Date Sampled Units	NYSDEC Track 1 Soil Cleanup Objectives µg/kg	A-1-S 9/4/2007 µg/kg	A-2-S 9/4/2007 µg/kg	A-3-S 9/4/2007 µg/kg	A-4-S 9/4/2007 µg/kg	A5-S 10/5/2007 µg/kg	A6-S 10/5/2007 µg/kg
1,1,1,2-Tetrachloroethane	NS	1.2	0.35	0.55	0.36	0.41	0.52
1,1,1-Trichloroethane	680	1.1	0.35	0.54	0.35	0.4	0.52
1,1,2,2-Tetrachloroethane	NS	0.88	0.27	0.42	0.27	0.31	0.4
1,1,2-Trichloroethane	NS	0.88	0.27	0.42	0.27	0.31	0.4
1,1-Dichloroethane	270	2.1	0.64	1	0.65	0.74	0.94
1,1-Dichloroethene	330	1.4	0.43	0.67	0.43	0.49	0.63
1,2-Dichlorobenzene	1,100	0.84	0.26	0.4	0.26	0.3	0.38
1,2-Dichloroethane	20	0.71	0.22	0.34	0.22	0.25	0.32
1,2-Dichloropropane	NS	1.2	0.38	0.59	0.39	0.44	0.56
1,3-Dichlorobenzene	NS	1.1	0.34	0.53	0.34	0.39	0.5
1,4-Dichlorobenzene	NS	0.9	0.28	0.43	0.28	0.32	0.41
2-Butanone (MEK)	**120**	8.5	2.6	4.1	2.6	3	3.9
4-Methyl-2-pentanone(MIBK)	NS	6	1.8	2.9	1.9	2.1	2.7
Acetone	50	12	3.8	37.3	24.7	4.4	5.6
Acrylonitrile	NS	28	8.4	13	8.6	9.7	13
Benzene	60	2.2	0.67	1.1	0.68	0.77	0.99
Bromodichloromethane	NS	0.75	0.23	0.36	0.23	0.26	0.34
Bromoform	NS	2.5	0.75	1.2	0.77	0.87	1.1
Bromomethane	NS	1.5	0.45	0.7	0.45	0.52	0.66
Carbon tetrachloride	760	0.75	0.23	0.36	0.23	0.26	0.34
Chlorobenzene	1,100	1.7	0.51	0.8	0.52	0.59	0.76
Chloroform	370	1.2	0.37	0.57	0.37	0.42	0.54
Chloromethane	NS	1.6	0.48	0.76	0.49	0.56	0.72
cis-1,2-Dichloroethene	250	0.58	0.18	0.28	0.18	0.2	0.26
cis-1,3-Dichloropropene	NS	1.5	0.46	0.72	0.47	0.53	0.68
Dibromochloromethane	NS	0.63	0.19	0.3	0.2	0.22	0.29
Ethylbenzene	**1,000**	1.5	0.45	9.8	0.45	0.51	0.66
Methylene chloride	930	1.4	0.43	0.68	2.2	1.9 J	2.8 J
Styrene	NS	0.69	0.21	0.33	0.21	0.24	0.31
Tetrachloroethene	1,300	1	0.31	0.48	0.31	0.35	0.46
Toluene	700	1.3	0.39	10.9	0.39	0.45	0.57
trans-1,2-Dichloroethene	190	1.7	0.51	0.8	0.52	0.59	0.76
trans-1,3-Dichloropropene	NS	2.4	0.74	1.2	0.75	0.86	1.1
Trichloroethene	470	0.98	0.3	0.47	0.3	0.34	0.44
Vinyl chloride	20	1.7	0.51	0.8	0.52	0.59	0.76
Xylene (total)	260	0.78	0.24	105	0.24	0.28	0.35

VOCs = Volatile Organic Compounds

Soil samples analyzed for TCL VOCs by EPA Method 8260.

NYSDEC Track 1 Unrestricted Use Soil Cleanup Objectives (SCOs)

values from 6 NYCRR Part 375-6.8 Table 375-6.8(a): Unrestricted Use SCOs

NS = No Standard

For explanation of qualifiers, see Table 12.

Exceedances in **bold.**

Table 7
Summary of VOCs in Waste Characterization Soil Samples
Compared to Track 1 - Unrestricted Use

Sample ID Date Sampled Units	NYSDEC Track 1 Soil Cleanup Objectives µg/kg	A7-S 10/5/2007 µg/kg		AS-6-7D 12/13/2007 µg/kg		B-1-S 9/4/2007 µg/kg		B-2-S 9/4/2007 µg/kg		B-3-S 9/4/2007 µg/kg	
1,1,1,2-Tetrachloroethane	NS	0.52		25		0.42		0.44		25	
1,1,1-Trichloroethane	680	0.51		25		0.42		0.43		24	
1,1,2,2-Tetrachloroethane	13,000	0.39		19		0.32		0.33		19	
1,1,2-Trichloroethane	NS	0.39		19		0.32		0.33		19	
1,1-Dichloroethane	270	0.93		45		0.76		0.79		45	
1,1-Dichloroethene	250	0.62		30		0.51		0.53		30	
1,2-Dichlorobenzene	20	0.37		117	J	0.31		0.32		18	
1,2-Dichloroethane	NS	0.32		16		0.26		0.27		15	
1,2-Dichloropropane	NS	0.55		27		0.45		0.47		27	
1,3-Dichlorobenzene	NS	0.49		24		0.4		0.42		24	
1,4-Dichlorobenzene	NS	0.4		20		0.33		0.34		19	
2-Butanone (MEK)	**120**	3.8		**190**		3.1		3.2		**180**	
4-Methyl-2-pentanone(MIBK)	NS	2.7		130		2.2		2.3		130	
Acetone	50	5.5		270		4.5		4.7		**260**	
Acrylonitrile	NS	12		600		10		10		590	
Benzene	60	0.98		48		0.8		0.83		47	
Bromodichloromethane	NS	0.34		16		0.27		0.28		16	
Bromoform	NS	1.1		54		0.9		0.94		53	
Bromomethane	NS	0.65		32		0.54		0.56		31	
Carbon tetrachloride	760	0.34		16		0.27		0.28		16	
Chlorobenzene	1,100	0.75		37		0.62		0.64		36	
Chloroform	370	0.53		26		0.44		0.45		26	
Chloromethane	NS	0.71		35		0.58		0.6		34	
cis-1,2-Dichloroethene	250	0.26		13		0.21		0.22		12	
cis-1,3-Dichloropropene	NS	0.67		33		0.55		0.57		32	
Dibromochloromethane	NS	0.28		14		0.23		0.24		14	
Ethylbenzene	**1,000**	0.65		**2,710**		0.53		0.55		**29,500**	
Methylene chloride	930	2.6	J	31		0.52		0.54		30	
Styrene	NS	0.31		15		0.25		0.26		15	
Tetrachloroethene	1,300	0.45		22		0.37		0.38		21	
Toluene	700	0.56		62.0	J	0.46		0.48		**3,090**	
trans-1,2-Dichloroethene	190	0.74		36		0.61		0.63		36	
trans-1,3-Dichloropropene	NS	1.1		53		0.89		0.92		52	
Trichloroethene	470	0.44		21		0.36		0.37		21	
Vinyl chloride	20	0.75		**37**		0.61		0.64		**36**	
Xylene (total)	260	0.35		**9,460**		0.29		0.3		**124,000**	

VOCs = Volatile Organic Compounds

Soil samples analyzed for TCL VOCs by EPA Method 8260.

NYSDEC Track 1 Unrestricted Use Soil Cleanup Objectives (SCOs)
values from 6 NYCRR Part 375-6.8 Table 375-6.8(a): Unrestricted Use SCOs

NS = No Standard

For explanation of qualifiers, see Table 12.

Exceedances in **bold.**

Table 7
Summary of VOCs in Waste Characterization Soil Samples
Compared to Track 1 - Unrestricted Use

Sample ID Date Sampled Units	NYSDEC Track 1 Soil Cleanup Objectives µg/kg	B-4-S 9/5/2007 µg/kg	B-5 9/24/2007 µg/kg	B-6 9/24/2007 µg/kg	B-7 9/25/2007 µg/kg	C-1-S 9/5/2007 µg/kg	C-2-S 9/5/2007 µg/kg
1,1,1,2-Tetrachloroethane	NS	0.51	0.46	0.52	0.45	0.5	0.49
1,1,1-Trichloroethane	680	0.5	0.45	0.52	0.45	0.49	0.49
1,1,2,2-Tetrachloroethane	13,000	0.39	0.35	0.4	0.35	0.38	0.38
1,1,2-Trichloroethane	NS	0.39	0.35	0.4	0.35	0.38	0.38
1,1-Dichloroethane	270	0.92	0.83	0.94	0.82	0.89	0.89
1,1-Dichloroethene	250	0.62	0.56	0.63	0.55	0.6	0.6
1,2-Dichlorobenzene	20	0.37	0.33	0.38	0.33	0.36	0.36
1,2-Dichloroethane	NS	0.32	0.29	0.32	0.28	0.31	0.3
1,2-Dichloropropane	NS	0.55	0.5	0.56	0.49	0.53	0.53
1,3-Dichlorobenzene	NS	0.49	0.44	0.5	0.44	0.47	0.47
1,4-Dichlorobenzene	NS	0.4	0.36	0.41	0.36	0.39	0.39
2-Butanone (MEK)	**120**	3.8	3.4	3.9	3.3	3.6	3.6
4-Methyl-2-pentanone(MIBK)	NS	2.7	2.4	2.7	2.3	2.6	2.6
Acetone	50	5.5	4.9	5.6	4.9	5.3	5.3
Acrylonitrile	NS	12	11	13	11	12	12
Benzene	60	0.97	0.88	0.99	0.86	0.94	0.93
Bromodichloromethane	NS	0.33	0.3	0.34	0.3	0.32	0.32
Bromoform	NS	1.1	0.99	1.1	0.97	1.1	1.1
Bromomethane	NS	0.65	0.59	0.66	0.58	0.63	0.63
Carbon tetrachloride	760	0.33	0.3	0.34	0.3	0.32	0.32
Chlorobenzene	1,100	0.75	0.67	0.76	0.66	0.72	0.72
Chloroform	370	0.53	0.48	0.54	0.47	0.51	0.51
Chloromethane	NS	0.7	0.63	0.72	0.62	0.68	0.68
cis-1,2-Dichloroethene	250	0.26	0.23	0.26	0.23	0.25	0.25
cis-1,3-Dichloropropene	NS	0.67	0.6	0.68	0.59	0.65	0.65
Dibromochloromethane	NS	0.28	0.25	0.29	0.25	0.27	0.27
Ethylbenzene	**1,000**	0.65	0.58	0.66	0.57	0.63	0.62
Methylene chloride	930	0.63	0.57	0.64	0.56	0.61	0.61
Styrene	NS	0.3	0.27	0.31	0.27	0.29	0.29
Tetrachloroethene	1,300	0.45	0.4	0.46	0.39	0.43	0.43
Toluene	700	0.56	0.51	0.57	0.5	0.54	0.54
trans-1,2-Dichloroethene	190	0.74	0.67	0.76	0.66	0.72	0.71
trans-1,3-Dichloropropene	NS	1.1	0.97	1.1	0.96	1	1
Trichloroethene	470	0.43	0.39	0.44	0.38	0.42	0.42
Vinyl chloride	20	0.74	0.67	0.76	0.66	0.72	0.72
Xylene (total)	260	0.35	0.31	0.35	0.31	0.33	0.33

VOCs = Volatile Organic Compounds

Soil samples analyzed for TCL VOCs by EPA Method 8260.

NYSDEC Track 1 Unrestricted Use Soil Cleanup Objectives (SCOs)
values from 6 NYCRR Part 375-6.8 Table 375-6.8(a): Unrestricted Use SCOs

NS = No Standard

For explanation of qualifiers, see Table 12.

Exceedances in **bold.**

Table 7
Summary of VOCs in Waste Characterization Soil Samples
Compared to Track 1 - Unrestricted Use

Sample ID Date Sampled Units	NYSDEC Track 1 Soil Cleanup Objectives µg/kg	C-3-S 9/5/2007 µg/kg		C-4-S 9/5/2007 µg/kg		C-5 9/24/2007 µg/kg		C-6 9/25/2007 µg/kg		C-7 9/25/2007 µg/kg		D-1-S 9/5/2007 µg/kg	
1,1,1,2-Tetrachloroethane	NS	0.46		0.57		0.55		0.47		0.47		0.55	
1,1,1-Trichloroethane	680	0.45		0.56		0.54		0.46		0.46		0.54	
1,1,2,2-Tetrachloroethane	13,000	0.35		0.44		0.42		0.36		0.36		0.42	
1,1,2-Trichloroethane	NS	0.35		0.44		0.42		0.36		0.36		0.42	
1,1-Dichloroethane	270	0.83		1		0.99		0.84		0.84		0.98	
1,1-Dichloroethene	250	0.55		0.69		0.66		0.57		0.57		0.66	
1,2-Dichlorobenzene	20	0.33		0.41		0.4		0.34		0.34		0.39	
1,2-Dichloroethane	NS	0.28		0.35		0.34		0.29		0.29		0.34	
1,2-Dichloropropane	NS	0.49		0.62		0.59		0.5		0.5		0.59	
1,3-Dichlorobenzene	NS	0.44		0.55		0.52		0.45		0.45		0.52	
1,4-Dichlorobenzene	NS	0.36		0.45		0.43		0.37		0.37		0.43	
2-Butanone (MEK)	**120**	3.4		4.2		4		3.4		3.4		4	
4-Methyl-2-pentanone(MIBK)	NS	2.4		3		2.8		2.4		2.4		2.8	
Acetone	50	4.9		6.1		5.8		5		5		5.8	
Acrylonitrile	NS	11		14		13		11		11		13	
Benzene	60	0.87		1.1		1		0.88		0.89		1	
Bromodichloromethane	NS	0.3		0.37		0.36		0.3		0.3		0.35	
Bromoform	NS	0.98		1.2		1.2		1		1		1.2	
Bromomethane	NS	0.58		0.73		0.69		0.59		0.59		0.69	
Carbon tetrachloride	760	0.3		0.37		0.36		0.3		0.3		0.35	
Chlorobenzene	1,100	0.67		0.83		0.8		0.68		0.68		0.8	
Chloroform	370	0.47		0.59		0.57		0.48		0.48		0.56	
Chloromethane	NS	0.63		0.78		0.75		0.64		0.64		0.75	
cis-1,2-Dichloroethene	250	0.23		0.29		0.27		0.23		0.24		0.27	
cis-1,3-Dichloropropene	NS	0.6		0.75		0.72		0.61		0.61		0.71	
Dibromochloromethane	NS	0.25		0.31		0.3		0.26		0.26		0.3	
Ethylbenzene	**1,000**	0.58		0.72		0.69		0.59		0.59		0.69	
Methylene chloride	930	0.56		0.7		5.1	J	3.0	J	2.4	J	0.67	
Styrene	NS	0.27		0.34		0.33		0.28		0.28		0.32	
Tetrachloroethene	1,300	0.4		0.5		0.48		0.41		0.41		0.47	
Toluene	700	0.5		0.63		0.6		0.51		0.51		0.6	
trans-1,2-Dichloroethene	190	0.66		0.83		0.79		0.68		0.68		0.79	
trans-1,3-Dichloropropene	NS	0.96		1.2		1.2		0.98		0.98		1.1	
Trichloroethene	470	0.39		0.48		0.46		0.4		0.4		0.46	
Vinyl chloride	20	0.66		0.83		0.79		0.68		0.68		0.79	
Xylene (total)	260	0.31		0.39		0.37		0.32		0.32		0.37	

VOCs = Volatile Organic Compounds

Soil samples analyzed for TCL VOCs by EPA Method 8260.

NYSDEC Track 1 Unrestricted Use Soil Cleanup Objectives (SCOs)

values from 6 NYCRR Part 375-6.8 Table 375-6.8(a): Unrestricted Use SCOs

NS = No Standard

For explanation of qualifiers, see Table 12.

Exceedances in **bold.**

Table 7
Summary of VOCs in Waste Characterization Soil Samples
Compared to Track 1 - Unrestricted Use

Sample ID Date Sampled Units	NYSDEC Track 1 Soil Cleanup Objectives µg/kg	D-2-S 9/5/2007 µg/kg		D-3-S 9/5/2007 µg/kg		D-4-S 9/5/2007 µg/kg		D-5 9/24/2007 µg/kg		D6-S 10/5/2007 µg/kg		D7-S 10/5/2007 µg/kg	
1,1,1,2-Tetrachloroethane	NS	0.43		0.47		0.41		0.47		0.57		0.49	
1,1,1-Trichloroethane	680	0.42		0.46		0.4		0.46		0.56		0.49	
1,1,2,2-Tetrachloroethane	13,000	0.33		0.36		0.31		0.36		0.44		0.38	
1,1,2-Trichloroethane	NS	0.33		0.36		0.31		0.36		0.44		0.38	
1,1-Dichloroethane	270	0.77		0.84		0.74		0.85		1		0.89	
1,1-Dichloroethene	250	0.52		0.57		0.5		0.57		0.69		0.6	
1,2-Dichlorobenzene	20	0.31		0.34		0.3		0.34		0.41		0.36	
1,2-Dichloroethane	NS	0.26		0.29		0.25		0.29		0.35		0.3	
1,2-Dichloropropane	NS	0.46		0.5		0.44		0.51		0.61		0.53	
1,3-Dichlorobenzene	NS	0.41		0.45		0.39		0.45		0.55		0.47	
1,4-Dichlorobenzene	NS	0.33		0.37		0.32		0.37		0.45		0.39	
2-Butanone (MEK)	**120**	3.2		3.4		3		3.5		4.2		3.6	
4-Methyl-2-pentanone(MIBK)	NS	2.2		2.4		2.1		2.4		3		2.6	
Acetone	50	4.6		5		4.4		5		31.0		5.3	
Acrylonitrile	NS	10		11		9.8		11		14		12	
Benzene	60	0.81		0.89		0.78		0.89		1.1		0.94	
Bromodichloromethane	NS	0.28		0.3		0.27		0.31		0.37		0.32	
Bromoform	NS	0.91		1		0.88		1		1.2		1.1	
Bromomethane	NS	0.54		0.59		0.52		0.6		0.72		0.63	
Carbon tetrachloride	760	0.28		0.3		0.27		0.31		0.37		0.32	
Chlorobenzene	1,100	0.62		0.68		0.6		0.69		0.83		0.72	
Chloroform	370	0.44		0.48		0.42		0.49		0.59		0.51	
Chloromethane	NS	0.59		0.64		0.56		0.65		0.78		0.68	
cis-1,2-Dichloroethene	250	0.21		0.24		0.21		0.24		0.29		0.25	
cis-1,3-Dichloropropene	NS	0.56		0.61		0.54		0.62		0.75		0.65	
Dibromochloromethane	NS	0.23		0.26		0.22		0.26		0.31		0.27	
Ethylbenzene	**1,000**	0.54		0.59		0.52		0.6		0.72		0.62	
Methylene chloride	930	0.53		0.58		0.5		2.8	J	3.2	J	0.61	
Styrene	NS	0.25		0.28		0.24		0.28		0.34		0.29	
Tetrachloroethene	1,300	0.37		0.41		0.36		0.41		0.5		0.43	
Toluene	700	0.47		0.51		0.45		0.52		0.63		0.54	
trans-1,2-Dichloroethene	190	0.62		0.68		0.59		0.68		0.82		0.71	
trans-1,3-Dichloropropene	NS	0.9		0.98		0.86		0.99		1.2		1	
Trichloroethene	470	0.36		2.5	J	0.35		1.8	J	1.2	J	0.42	
Vinyl chloride	20	0.62		0.68		0.59		0.69		0.83		0.72	
Xylene (total)	260	0.29		0.32		0.28		0.32		0.39		0.33	

VOCs = Volatile Organic Compounds

Soil samples analyzed for TCL VOCs by EPA Method 8260.

NYSDEC Track 1 Unrestricted Use Soil Cleanup Objectives (SCOs)
values from 6 NYCRR Part 375-6.8 Table 375-6.8(a): Unrestricted Use SCOs

NS = No Standard

For explanation of qualifiers, see Table 12.

Exceedances in **bold.**

Table 7
Summary of VOCs in Waste Characterization Soil Samples
Compared to Track 1 - Unrestricted Use

Sample ID Date Sampled Units	NYSDEC Track 1 Soil Cleanup Objectives µg/kg	E-1-S 9/11/2007 µg/kg		E-2-S 9/11/2007 µg/kg		E-3-S 9/11/2007 µg/kg		E-4-S 9/11/2007 µg/kg		E-5 10/15/2007 µg/kg		EF-6 10/15/2007 µg/kg	
1,1,1,2-Tetrachloroethane	NS	0.48		0.74		0.48		0.47		0.46		0.48	
1,1,1-Trichloroethane	680	0.47		0.72		0.47		0.46		0.45		0.47	
1,1,2,2-Tetrachloroethane	13,000	0.36		0.56		0.37		0.36		0.35		0.36	
1,1,2-Trichloroethane	NS	0.36		0.56		0.37		0.36		0.35		0.36	
1,1-Dichloroethane	270	0.86		1.3		0.86		0.85		0.82		0.86	
1,1-Dichloroethene	250	0.58		0.89		0.58		0.57		0.55		0.58	
1,2-Dichlorobenzene	20	0.34		0.53		0.35		0.34		0.33		0.34	
1,2-Dichloroethane	NS	0.29		0.45		0.29		0.29		0.28		0.29	
1,2-Dichloropropane	NS	0.51		0.79		0.51		0.51		0.49		0.51	
1,3-Dichlorobenzene	NS	0.46		0.7		0.46		0.45		0.44		0.46	
1,4-Dichlorobenzene	NS	0.37		0.58		0.37		0.37		0.36		0.37	
2-Butanone (MEK)	**120**	3.5		5.4		3.5		3.5		3.4		3.5	
4-Methyl-2-pentanone(MIBK)	NS	2.5		3.8		2.5		2.4		2.4		2.5	
Acetone	50	5.1		7.9		5.1		5		5.9	J	5.1	
Acrylonitrile	NS	11		18		11		11		11		11	
Benzene	60	0.9		1.4		0.9		0.89		0.86		0.9	
Bromodichloromethane	NS	0.31		0.48		0.31		0.31		0.3		0.31	
Bromoform	NS	1		1.6		1		1		0.97		1	
Bromomethane	NS	0.6		0.93		0.61		0.6		0.58		0.6	
Carbon tetrachloride	760	0.31		0.48		0.31		0.31		0.3		0.31	
Chlorobenzene	1,100	0.69		1.1		0.7		0.69		0.66		0.69	
Chloroform	370	0.49		0.76		0.49		0.49		0.47		0.49	
Chloromethane	NS	0.65		1		0.65		0.65		0.62		0.65	
cis-1,2-Dichloroethene	250	0.24		0.37		0.24		0.24		0.23		0.24	
cis-1,3-Dichloropropene	NS	0.62		0.96		0.62		0.62		0.6		0.62	
Dibromochloromethane	NS	0.26		0.4		0.26		0.26		0.25		0.26	
Ethylbenzene	**1,000**	0.6		0.93		0.6		0.59		1.8		0.6	
Methylene chloride	930	0.59		0.9		0.59		0.58		0.56		2.8	J
Styrene	NS	0.28		0.44		0.28		0.28		0.27		0.28	
Tetrachloroethene	1,300	0.41		0.64		0.41		0.41		0.4		0.41	
Toluene	700	0.52		0.81		0.52		0.52		0.5		0.52	
trans-1,2-Dichloroethene	190	0.69		1.1		0.69		0.68		0.66		0.69	
trans-1,3-Dichloropropene	NS	1		1.5		1		0.99		0.96		1	
Trichloroethene	470	0.72	J	2.8	J	0.4		4.8	J	1.2	J	2.1	J
Vinyl chloride	20	0.69		1.1		0.69		0.68		0.66		0.69	
Xylene (total)	260	0.32		0.5		0.32		0.32		1.5	J	0.32	

VOCs = Volatile Organic Compounds

Soil samples analyzed for TCL VOCs by EPA Method 8260.

NYSDEC Track 1 Unrestricted Use Soil Cleanup Objectives (SCOs)

values from 6 NYCRR Part 375-6.8 Table 375-6.8(a): Unrestricted Use SCOs

NS = No Standard

For explanation of qualifiers, see Table 12.

Exceedances in **bold.**

Table 7
Summary of VOCs in Waste Characterization Soil Samples
Compared to Track 1 - Unrestricted Use

Sample ID Date Sampled Units	NYSDEC Track 1 Soil Cleanup Objectives µg/kg	E-F-G5D 12/13/2007 µg/kg		F-1-S 9/11/2007 µg/kg		F-2-S 9/11/2007 µg/kg		F-3-S 9/11/2007 µg/kg		F-4-S 9/11/2007 µg/kg		F-5 10/15/2007 µg/kg	
1,1,1,2-Tetrachloroethane	NS	0.46		0.45		0.48		0.54		0.54		0.46	
1,1,1-Trichloroethane	680	0.46		0.44		0.47		0.53		0.53		0.45	
1,1,2,2-Tetrachloroethane	13,000	0.35		0.34		0.36		0.41		0.41		0.35	
1,1,2-Trichloroethane	NS	0.35		0.34		0.36		0.41		0.41		0.35	
1,1-Dichloroethane	270	0.83		0.81		0.86		0.97		0.98		0.83	
1,1-Dichloroethene	250	0.56		0.54		0.58		0.65		0.66		0.56	
1,2-Dichlorobenzene	20	0.33		0.32		0.34		0.39		0.39		0.33	
1,2-Dichloroethane	NS	0.29		0.28		0.29		0.33		0.33		0.28	
1,2-Dichloropropane	NS	0.5		0.48		0.51		0.58		0.58		0.49	
1,3-Dichlorobenzene	NS	0.44		0.43		0.46		0.52		0.52		0.44	
1,4-Dichlorobenzene	NS	0.36		0.35		0.37		0.42		0.42		0.36	
2-Butanone (MEK)	**120**	3.4		3.3		3.5		4		4		3.4	
4-Methyl-2-pentanone(MIBK)	NS	2.4		2.3		2.5		2.8		2.8		2.4	
Acetone	50	28.9		4.8		5.1		5.8		5.8		4.9	
Acrylonitrile	NS	11		11		11		13		13		11	
Benzene	60	0.88		0.85		0.9		1		1		0.87	
Bromodichloromethane	NS	0.3		0.29		0.31		0.35		0.35		0.3	
Bromoform	NS	0.99		0.95		1		1.2		1.2		0.98	
Bromomethane	NS	0.59		0.57		0.6		0.69		0.69		0.58	
Carbon tetrachloride	760	0.3		0.29		0.31		0.35		0.35		0.3	
Chlorobenzene	1,100	0.67		0.65		0.69		0.79		0.79		0.67	
Chloroform	370	2.1	J	0.46		0.49		0.56		0.56		0.47	
Chloromethane	NS	0.63		0.61		0.65		0.74		0.74		0.63	
cis-1,2-Dichloroethene	250	0.23		0.22		0.24		0.27		0.27		0.23	
cis-1,3-Dichloropropene	NS	0.6		0.58		0.62		0.71		0.71		0.6	
Dibromochloromethane	NS	0.25		0.24		0.26		0.3		0.3		0.25	
Ethylbenzene	**1,000**	11.1		0.56		0.6		0.68		0.68		0.58	
Methylene chloride	930	1.5	J	0.55		0.58		0.66		0.67		0.56	
Styrene	NS	0.27		0.27		0.28		0.32		0.32		0.27	
Tetrachloroethene	1,300	0.83	J	0.39		0.41		0.47		0.47		0.4	
Toluene	700	4.4		0.49		0.52		0.59		0.59		0.5	
trans-1,2-Dichloroethene	190	0.67		0.65		0.69		0.78		0.78		0.66	
trans-1,3-Dichloropropene	NS	0.97		0.94		1		1.1		1.1		0.96	
Trichloroethene	470	12.8		0.59	J	1.6	J	2.3	J	3.5	J	4.1	J
Vinyl chloride	20	0.67		0.65		0.69		0.78		0.79		0.67	
Xylene (total)	260	59.4		0.3		0.32		0.36		0.37		0.31	

VOCs = Volatile Organic Compounds

Soil samples analyzed for TCL VOCs by EPA Method 8260.

NYSDEC Track 1 Unrestricted Use Soil Cleanup Objectives (SCOs)
values from 6 NYCRR Part 375-6.8 Table 375-6.8(a): Unrestricted Use SCOs

NS = No Standard

For explanation of qualifiers, see Table 12.

Exceedances in **bold.**

Table 7
Summary of VOCs in Waste Characterization Soil Samples
Compared to Track 1 - Unrestricted Use

Sample ID Date Sampled Units	NYSDEC Track 1 Soil Cleanup Objectives µg/kg	G-S-1 9/6/2007 µg/kg		G-S-2 9/6/2007 µg/kg		G-3-S 9/7/2007 µg/kg		G-4-S 9/7/2007 µg/kg		G-5 10/15/2007 µg/kg	
1,1,1,2-Tetrachloroethane	NS	0.69		0.54		0.67		0.5		0.46	
1,1,1-Trichloroethane	680	0.68		0.53		0.66		0.49		0.45	
1,1,2,2-Tetrachloroethane	13,000	0.53		0.41		0.51		0.38		0.35	
1,1,2-Trichloroethane	NS	0.53		0.41		0.51		0.38		0.35	
1,1-Dichloroethane	270	1.2		0.96		1.2		0.9		0.83	
1,1-Dichloroethene	250	0.83		0.65		0.81		0.61		0.56	
1,2-Dichlorobenzene	20	0.5		0.39		0.48		0.36		0.33	
1,2-Dichloroethane	NS	0.43		0.33		0.41		0.31		0.28	
1,2-Dichloropropane	NS	0.74		0.57		0.72		0.54		0.5	
1,3-Dichlorobenzene	NS	0.66		0.51		0.64		0.48		0.44	
1,4-Dichlorobenzene	NS	0.54		0.42		0.52		0.39		0.36	
2-Butanone (MEK)	**120**	5.1		3.9		4.9		3.7		3.4	
4-Methyl-2-pentanone(MIBK)	NS	3.6		2.8		3.5		2.6		2.4	
Acetone	50	7.4		5.7		7.1		5.3		4.9	
Acrylonitrile	NS	16		13		16		12		11	
Benzene	60	1.3		1		1.3		0.95		0.87	
Bromodichloromethane	NS	0.45		0.35		0.43		0.33		0.3	
Bromoform	NS	1.5		1.1		1.4		1.1		0.99	
Bromomethane	NS	0.87		0.68		0.85		0.64		0.59	
Carbon tetrachloride	760	0.45		0.35		0.43		0.33		0.3	
Chlorobenzene	1,100	1		0.78		0.97		0.73		0.67	
Chloroform	370	0.71		0.71	J	4.6	J	0.52		0.48	
Chloromethane	NS	0.95		0.73		0.92		0.69		0.63	
cis-1,2-Dichloroethene	250	0.35		0.27		0.34		0.25		0.23	
cis-1,3-Dichloropropene	NS	0.9		0.7		0.87		0.65		0.6	
Dibromochloromethane	NS	0.38		0.29		0.37		0.27		0.25	
Ethylbenzene	**1,000**	0.87		0.67		0.84		0.63		0.58	
Methylene chloride	930	0.85		0.66		0.82		0.61		0.57	
Styrene	NS	0.41		0.32		0.4		0.3		0.27	
Tetrachloroethene	1,300	0.6		0.46		1.4	J	0.78	J	0.4	
Toluene	700	0.76		0.59		0.73		0.55		0.51	
trans-1,2-Dichloroethene	190	1		0.77		0.97		0.72		0.67	
trans-1,3-Dichloropropene	NS	1.4		1.1		1.4		1.1		0.97	
Trichloroethene	470	3.0	J	3.2	J	17.2		3.7	J	1.1	J
Vinyl chloride	20	1		0.78		0.97		0.73		0.67	
Xylene (total)	260	0.47		0.36		0.45		0.34		0.31	

VOCs = Volatile Organic Compounds

Soil samples analyzed for TCL VOCs by EPA Method 8260.

NYSDEC Track 1 Unrestricted Use Soil Cleanup Objectives (SCOs)

values from 6 NYCRR Part 375-6.8 Table 375-6.8(a): Unrestricted Use SCOs

NS = No Standard

For explanation of qualifiers, see Table 12.

Exceedances in **bold.**

Table 8
Summary of SVOCs in Waste Characterization Soil Samples
Compared to Track 1 –Unrestricted Use

Sample ID Date Sampled Units	NYSDEC Track 1 Soil Cleanup Objectives µg/kg	A-1-S 9/4/2007 µg/kg		A-2-S 9/4/2007 µg/kg		A-3-S 9/4/2007 µg/kg		A-4-S 9/4/2007 µg/kg		A5-S 10/5/2007 µg/kg		A6-S 10/5/2007 µg/kg	
2-Chlorophenol	NS	32		32		33		32		24		24	
4-Chloro-3-methyl phenol	NS	47		48		48		48		52		51	
2,4-Dichlorophenol	NS	62		63		64		63		40		39	
2,4-Dimethylphenol	NS	95		97		97		97		46		45	
2,4-Dinitrophenol	NS	56		58		58		57		42		41	
4,6-Dinitro-o-cresol	NS	32		33		33		33		70		68	
2-Methylphenol	NS	44.8	J	37		37		37		37		36	
3&4-Methylphenol	NS	118	J	54		54		54		47		46	
2-Nitrophenol	NS	46		47		47		47		44		43	
4-Nitrophenol	NS	50		52		52		51		67		66	
Pentachlorophenol	800	41		42		43		42		40		39	
Phenol	330	46		47		47		47		36		35	
2,4,5-Trichlorophenol	NS	56		57		57		57		72		71	
2,4,6-Trichlorophenol	NS	31		32		32		32		77		75	
Acenaphthene	20,000	1,650		58.0	J	32.6	J	199		4,820		345	
Acenaphthylene	100,000	596		202		145		83.9		44.3	J	60.5	J
Anthracene	100,000	3,680		271		147		574		9200		857	
Benzidine	NS	1.7		1.7		1.7		1.7		6.1		5.9	
Benzo(a)anthracene	**1,000**	**6,450**		914		663		**2,070**		**16,500**		**2,640**	
Benzo(a)pyrene	**1,000**	**5,760**		923		831		**1,790**		**12,600**		**2,290**	
Benzo(b)fluoranthene	**1,000**	**5,220**		818		883		**1,490**		**10,800**		**2,320**	
Benzo(g,h,i)perylene	100,000	3,280		609		1090		1,070		7,660		1,730	
Benzo(k)fluoranthene	**800**	**3,660**		724		636		**1,260**		**8,050**		**1,850**	
4-Bromophenyl phenyl ether	NS	19		19		19		19		17		16	
Butyl benzyl phthalate	NS	28		29		6460		1,330		14		14	
Benzyl Alcohol	NS	30		31		31		31		13		13	
2-Chloronaphthalene	NS	52		53		53		53		12		11	
4-Chloroaniline	NS	23		23		24		23		14		13	
Chrysene	**1,000**	**6,730**		996		823		**2,100**		**17,200**		**2,450**	
bis(2-Chloroethoxy)methane	NS	24		24		25		24		15		14	
bis(2-Chloroethyl)ether	NS	18		19		19		19		17		17	
bis(2-Chloroisopropyl)ether	NS	28		28		29		28		22		22	
4-Chlorophenyl phenyl ether	NS	17		18		18		18		11		11	
1,2-Dichlorobenzene	NS	16		17		17		17		13		13	
1,2-Diphenylhydrazine	NS	25		26		26		26		12		12	
1,3-Dichlorobenzene	NS	20		20		20		20		11		11	
1,4-Dichlorobenzene	NS	15		16		16		16		10		10	
2,4-Dinitrotoluene	NS	43		44		44		44		12		12	
2,6-Dinitrotoluene	NS	42		43		43		43		15		15	
3,3'-Dichlorobenzidine	NS	35		36		36		36		28		27	
Dibenzo(a,h)anthracene	**330**	**1,130**		168		183		312		**3,560**		**749**	
Di-n-butyl phthalate	NS	24		24		24		24		11		10	
Di-n-octyl phthalate	NS	32		32		33		32		16		15	
Diethyl phthalate	NS	16		16		16		16		13		13	
Dimethyl phthalate	NS	16		16		16		16		10		10	
bis(2-Ethylhexyl)phthalate	NS	47		49		285		111		264		154	
Fluoranthene	100,000	17,600		1,730		1,160		4,510		37,400		3,360	
Fluorene	30,000	1,800		69.4	J	29.5	J	134		4,140		325	
Hexachlorobenzene	NS	21		22		22		22		18		18	
Hexachlorobutadiene	NS	24		25		25		25		18		17	
Hexachlorocyclopentadiene	NS	27		27		27		27		18		17	
Hexachloroethane	NS	19		19		19		19		16		16	
Indeno(1,2,3-cd)pyrene	NS	3,850		707		935		1,210		8,180		1,860	
Isophorone	NS	18		19		19		19		12		12	
Naphthalene	12,000	2,270		29.8	J	532		150		1,400		151	
Nitrobenzene	NS	26		26		27		26		13		13	
n-Nitrosodimethylamine	NS	22		22		22		22		17		16	
N-Nitroso-di-n-propylamine	NS	24		24		24		24		13		13	
N-Nitrosodiphenylamine	NS	15		16		16		16		8.4		8.2	
Phenanthrene	NS	19,300		1,100		579		3,040		43,000		3,680	
Pyrene	NS	13,600		1,640		1,280		4,210		35,500		5,410	
1,2,4-Trichlorobenzene	NS	23		23		24		23		12		12	

SVOCs = Semi-Volatile Organic Compounds

Soil samples analyzed for TCL SVOCs by EPA Method 8270.

NYSDEC Track 1 Unrestricted Use Soil Cleanup Objectives (SCOs)

values from 6 NYCRR Part 375-6.8 Table 375-6.8(a): Unrestricted Use SCOs

NS = No Standard

Exceedances in **bold.**

For explanation of qualifiers, see Table 12.

Table 8
Summary of SVOCs in Waste Characterization Soil Samples
Compared to Track 1 –Unrestricted Use

Sample ID	NYSDEC Track 1 Soil Cleanup Objectives	A7-S		AS-6-7D		B-1-S		B-2-S		B-3-S		B-4-S	
Date Sampled		10/5/2007		12/13/2007		9/4/2007		9/4/2007		9/4/2007		9/5/2007	
Units	µg/kg	µg/kg		µg/kg		µg/kg		µg/kg		µg/kg		µg/kg	
2-Chlorophenol	NS	24		25		33		32		33		33	
4-Chloro-3-methyl phenol	NS	51		54		48		47		48		49	
2,4-Dichlorophenol	NS	39		41		64		62		63		64	
2,4-Dimethylphenol	NS	46		48		98		94		97		98	
2,4-Dinitrophenol	NS	41		43		58		56		58		58	
4,6-Dinitro-o-cresol	NS	69		72		33		32		33		33	
2-Methylphenol	NS	36		38		37		36		37		38	
3&4-Methylphenol	NS	47		49		55		53		54		55	
2-Nitrophenol	NS	44		46		47		46		47		48	
4-Nitrophenol	NS	66		69		52		50		52		52	
Pentachlorophenol	800	40		41		43		41		43		43	
Phenol	330	35		37		47		46		47		48	
2,4,5-Trichlorophenol	NS	72		75		57		55		57		57	
2,4,6-Trichlorophenol	NS	76		80		32		31		32		32	
Acenaphthene	20,000	590		13		33.1	J	64.7	J	40.9	J	63.0	J
Acenaphthylene	100,000	80.7		8		47.9	J	35.3	J	69.5	J	32.2	J
Anthracene	100,000	1,530		36		105		220		119		219	
Benzidine	NS	6		6.3		1.7		1.7		1.7		1.8	
Benzo(a)anthracene	**1,000**	**5,790**		45.5	J	399		719		457		657	
Benzo(a)pyrene	**1,000**	**5,220**		39.6	J	389		753		605		563	
Benzo(b)fluoranthene	**1,000**	**4,330**		41.1	J	331		611		520		678	
Benzo(g,h,i)perylene	100,000	3,080		38.4	J	281		503		528		409	
Benzo(k)fluoranthene	**800**	**2,890**		20.7	J	295		513		433		279	
4-Bromophenyl phenyl ether	NS	16		17		19		19		19		19	
Butyl benzyl phthalate	NS	14		14		29		342		29		29	
Benzyl Alcohol	NS	13		13		31		30		31		32	
2-Chloronaphthalene	NS	11		12		53		52		53		54	
4-Chloroaniline	NS	14		14		24		23		24		24	
Chrysene	**1,000**	**5,780**		34.2	J	426		743		550		577	
bis(2-Chloroethoxy)methane	NS	15		15		25		24		24		25	
bis(2-Chloroethyl)ether	NS	17		18		19		18		19		19	
bis(2-Chloroisopropyl)ether	NS	22		23		29		28		28		29	
4-Chlorophenyl phenyl ether	NS	11		11		18		17		18		18	
1,2-Dichlorobenzene	NS	13		13		17		16		17		17	
1,2-Diphenylhydrazine	NS	12		13		26		25		26		26	
1,3-Dichlorobenzene	NS	11		12		20		20		20		20	
1,4-Dichlorobenzene	NS	10		11		16		15		16		16	
2,4-Dinitrotoluene	NS	12		13		44		43		44		44	
2,6-Dinitrotoluene	NS	15		16		43		42		43		44	
3,3'-Dichlorobenzidine	NS	27		29		36		35		36		37	
Dibenzo(a,h)anthracene	**330**	**1,350**		10		69.0	J	158		111		99.3	
Di-n-butyl phthalate	NS	10		11		24		23		24		24	
Di-n-octyl phthalate	NS	15		16		33		257		33		33	
Diethyl phthalate	NS	13		14		16		16		16		16	
Dimethyl phthalate	NS	10		11		16		16		16		16	
bis(2-Ethylhexyl)phthalate	NS	154		49.9	J	137		3350		49		49	
Fluoranthene	100,000	11,700		79.4		713		1,440		1,000		1,390	
Fluorene	30,000	478		37.7	J	23.1	J	53.3	J	49.1	J	55.2	J
Hexachlorobenzene	NS	18		19		22		21		22		22	
Hexachlorobutadiene	NS	17		18		25		24		25		25	
Hexachlorocyclopentadiene	NS	18		18		27		26		27		28	
Hexachloroethane	NS	16		16		19		18		19		19	
Indeno(1,2,3-cd)pyrene	NS	3,340		37		309		554		522		364	
Isophorone	NS	12		13		19		18		19		19	
Naphthalene	12,000	136		211		21		26.1	J	4,300		22	
Nitrobenzene	NS	13		13		27		26		27		27	
n-Nitrosodimethylamine	NS	16		17		22		21		22		22	
N-Nitroso-di-n-propylamine	NS	13		14		24		24		24		25	
N-Nitrosodiphenylamine	NS	8.3		8.7		16		15		16		16	
Phenanthrene	NS	7,150		114		453		971		659		976	
Pyrene	NS	10,900		97.0		839		1,580		1,030		1,190	
1,2,4-Trichlorobenzene	NS	12		12		24		23		24		24	

SVOCs = Semi-Volatile Organic Compounds

Soil samples analyzed for TCL SVOCs by EPA Method 8270.

NYSDEC Track 1 Unrestricted Use Soil Cleanup Objectives (SCOs)

values from 6 NYCRR Part 375-6.8 Table 375-6.8(a): Unrestricted Use SCOs

NS = No Standard

Exceedances in **bold.**

For explanation of qualifiers, see Table 12.

Table 8
Summary of SVOCs in Waste Characterization Soil Samples
Compared to Track 1 –Unrestricted Use

Sample ID Date Sampled Units	NYSDEC Track 1 Soil Cleanup Objectives µg/kg	B-5 9/24/2007 µg/kg		B-6 9/24/2007 µg/kg		B-7 9/25/2007 µg/kg		C-1-S 9/5/2007 µg/kg		C-2-S 9/5/2007 µg/kg		C-3-S 9/5/2007 µg/kg	
2-Chlorophenol	NS	31		32		31		33		32		33	
4-Chloro-3-methyl phenol	NS	47		47		46		49		47		49	
2,4-Dichlorophenol	NS	61		62		61		64		62		64	
2,4-Dimethylphenol	NS	94		95		93		98		95		99	
2,4-Dinitrophenol	NS	56		57		55		58		56		59	
4,6-Dinitro-o-cresol	NS	32		32		32		33		32		34	
2-Methylphenol	NS	36		37		36		38		36		38	
3&4-Methylphenol	NS	53		53		52		55		53		55	
2-Nitrophenol	NS	46		46		45		48		46		48	
4-Nitrophenol	NS	50		51		49		52		50		52	
Pentachlorophenol	800	41		42		41		43		41		43	
Phenol	330	46		46		45		48		46		48	
2,4,5-Trichlorophenol	NS	55		56		54		57		56		58	
2,4,6-Trichlorophenol	NS	31		31		30		32		31		32	
Acenaphthene	20,000	19.2	J	73.0	J	53.0	J	63.0	J	19		232	
Acenaphthylene	100,000	15		24.6	J	18.6	J	32.2	J	15.7	J	176	
Anthracene	100,000	65.1	J	187		124		219		21.8	J	706	
Benzidine	NS	1.7		1.7		1.7		1.8		1.7		1.8	
Benzo(a)anthracene	**1,000**	319		466		348		657		129		**2,500**	
Benzo(a)pyrene	**1,000**	283		414		310		563		134		**2,400**	
Benzo(b)fluoranthene	**1,000**	261		452		322		678		121		**2,450**	
Benzo(g,h,i)perylene	100,000	115		158		108		409		99.2		1,770	
Benzo(k)fluoranthene	**800**	226		305		270		279		132		**1,270**	
4-Bromophenyl phenyl ether	NS	19		19		18		19		19		20	
Butyl benzyl phthalate	NS	28		28		27		29		28		29	
Benzyl Alcohol	NS	30		31		30		32		30		32	
2-Chloronaphthalene	NS	52		52		51		54		52		54	
4-Chloroaniline	NS	23		23		22		24		23		24	
Chrysene	**1,000**	316		437		336		577		141		**2,200**	
bis(2-Chloroethoxy)methane	NS	24		24		23		25		24		25	
bis(2-Chloroethyl)ether	NS	18		19		18		19		18		19	
bis(2-Chloroisopropyl)ether	NS	28		28		27		29		28		29	
4-Chlorophenyl phenyl ether	NS	17		18		17		18		17		18	
1,2-Dichlorobenzene	NS	16		16		16		17		16		17	
1,2-Diphenylhydrazine	NS	25		25		25		26		25		26	
1,3-Dichlorobenzene	NS	20		20		19		20		20		21	
1,4-Dichlorobenzene	NS	15		15		15		16		15		16	
2,4-Dinitrotoluene	NS	43		43		42		44		43		45	
2,6-Dinitrotoluene	NS	42		42		41		44		42		44	
3,3'-Dichlorobenzidine	NS	35		35		35		37		35		37	
Dibenzo(a,h)anthracene	**330**	38.1	J	52.2	J	37.8	J	99.3		26.1	J	**461**	
Di-n-butyl phthalate	NS	23		24		23		24		24		25	
Di-n-octyl phthalate	NS	31		32		31		33		32		33	
Diethyl phthalate	NS	16		16		16		16		16		17	
Dimethyl phthalate	NS	16		16		16		16		16		17	
bis(2-Ethylhexyl)phthalate	NS	59.5	J	63.9	J	68.2	J	49		47		60.6	J
Fluoranthene	100,000	645		1,030		732		1,390		232		5,220	
Fluorene	30,000	15.9	J	74.8		38.8	J	55.2	J	15		179	
Hexachlorobenzene	NS	21		21		21		22		21		22	
Hexachlorobutadiene	NS	24		25		24		25		24		25	
Hexachlorocyclopentadiene	NS	26		27		26		28		27		28	
Hexachloroethane	NS	18		19		18		19		19		19	
Indeno(1,2,3-cd)pyrene	NS	118		168		110		364		88.7		1,520	
Isophorone	NS	18		18		18		19		18		19	
Naphthalene	12,000	21		55.0	J	20		22		21		197	
Nitrobenzene	NS	26		26		25		27		26		27	
n-Nitrosodimethylamine	NS	21		22		21		22		22		22	
N-Nitroso-di-n-propylamine	NS	24		24		23		25		24		25	
N-Nitrosodiphenylamine	NS	15		15		15		16		15		16	
Phenanthrene	NS	310		844		569		976		104		3,700	
Pyrene	NS	586		804		624		1,190		192		4,460	
1,2,4-Trichlorobenzene	NS	23		23		22		24		23		24	

SVOCs = Semi-Volatile Organic Compounds

Soil samples analyzed for TCL SVOCs by EPA Method 8270.

NYSDEC Track 1 Unrestricted Use Soil Cleanup Objectives (SCOs)
values from 6 NYCRR Part 375-6.8 Table 375-6.8(a): Unrestricted Use SCOs

NS = No Standard

Exceedances in **bold.**

For explanation of qualifiers, see Table 12.

Table 8
Summary of SVOCs in Waste Characterization Soil Samples
Compared to Track 1 –Unrestricted Use

Sample ID Date Sampled Units	NYSDEC Track 1 Soil Cleanup Objectives µg/kg	C-4-S 9/5/2007 µg/kg		C-5 9/24/2007 µg/kg		C-6 9/25/2007 µg/kg		C-7 9/25/2007 µg/kg		D-1-S 9/5/2007 µg/kg		D-2-S 9/5/2007 µg/kg	
2-Chlorophenol	NS	34		31		31		30		33		35	
4-Chloro-3-methyl phenol	NS	50		46		45		45		49		51	
2,4-Dichlorophenol	NS	66		61		60		59		65		68	
2,4-Dimethylphenol	NS	100		93		91		91		100		100	
2,4-Dinitrophenol	NS	60		55		54		54		59		61	
4,6-Dinitro-o-cresol	NS	35		32		31		31		34		35	
2-Methylphenol	NS	39		36		35		35		38		40	
3&4-Methylphenol	NS	57		52		51		51		56		58	
2-Nitrophenol	NS	49		45		44		44		48		50	
4-Nitrophenol	NS	54		49		49		48		53		55	
Pentachlorophenol	800	44		41		40		40		44		45	
Phenol	330	49		45		44		44		48		50	
2,4,5-Trichlorophenol	NS	60		54		54		53		58		61	
2,4,6-Trichlorophenol	NS	33		30		30		30		33		34	
Acenaphthene	20,000	35.9	J	115		224		364		416		21	
Acenaphthylene	100,000	44.7	J	149		102		108		479		38.5	J
Anthracene	100,000	141		410		487		926		1620		73.2	J
Benzidine	NS	1.8		1.7		1.6		1.6		1.8		1.9	
Benzo(a)anthracene	**1,000**	543		**1,460**		**1,770**		**3,630**		**6,010**		304	
Benzo(a)pyrene	**1,000**	522		**1,380**		**1,290**		**3,700**		**5,060**		325	
Benzo(b)fluoranthene	**1,000**	600		**1,480**		**1,680**		**3,630**		**5,060**		246	
Benzo(g,h,i)perylene	100,000	405		479		572		,1750		3,480		222	
Benzo(k)fluoranthene	**800**	265		**1,310**		**1,080**		**3,040**		**2,650**		286	
4-Bromophenyl phenyl ether	NS	20		18		18		18		20		21	
Butyl benzyl phthalate	NS	30		27		89.3		77.4		425		31	
Benzyl Alcohol	NS	33		30		29		29		32		33	
2-Chloronaphthalene	NS	56		51		50		50		54		57	
4-Chloroaniline	NS	25		22		22		22		24		25	
Chrysene	**1,000**	487		**1,390**		**1,370**		**3,250**		**5,180**		298	
bis(2-Chloroethoxy)methane	NS	26		23		23		23		25		26	
bis(2-Chloroethyl)ether	NS	20		18		18		18		19		20	
bis(2-Chloroisopropyl)ether	NS	30		27		27		27		29		30	
4-Chlorophenyl phenyl ether	NS	19		17		17		17		18		19	
1,2-Dichlorobenzene	NS	18		16		16		16		17		18	
1,2-Diphenylhydrazine	NS	27		25		24		24		27		28	
1,3-Dichlorobenzene	NS	21		19		19		19		21		22	
1,4-Dichlorobenzene	NS	16		15		15		15		16		17	
2,4-Dinitrotoluene	NS	46		42		41		41		45		47	
2,6-Dinitrotoluene	NS	45		41		41		40		44		46	
3,3'-Dichlorobenzidine	NS	38		35		34		34		37		39	
Dibenzo(a,h)anthracene	**330**	95.6		149		204		**560**		**1,040**		81.5	
Di-n-butyl phthalate	NS	25		23		100		23		25		26	
Di-n-octyl phthalate	NS	34		31		31		30		33		35	
Diethyl phthalate	NS	17		16		15		15		17		17	
Dimethyl phthalate	NS	17		16		15		15		17		17	
bis(2-Ethylhexyl)phthalate	NS	91.7		69.8	J	316		122		283		72.2	J
Fluoranthene	100,000	1,130		2,860		2,690		7,110		12,200		632	
Fluorene	30,000	26.4	J	134		222		295		342		18.7	J
Hexachlorobenzene	NS	23		21		21		20		22		23	
Hexachlorobutadiene	NS	26		24		24		23		26		27	
Hexachlorocyclopentadiene	NS	28		26		26		25		28		29	
Hexachloroethane	NS	20		18		18		18		19		20	
Indeno(1,2,3-cd)pyrene	NS	346		495		561		1,660		3,110		203	
Isophorone	NS	20		18		18		18		19		20	
Naphthalene	12,000	22		73.0		68.8	J	91.0		84.5		23	
Nitrobenzene	NS	28		25		25		25		27		28	
n-Nitrosodimethylamine	NS	23		21		21		21		23		23	
N-Nitroso-di-n-propylamine	NS	25		23		23		23		25		26	
N-Nitrosodiphenylamine	NS	16		15		15		15		16		17	
Phenanthrene	NS	643		1,890		2,330		4,110		8,100		313	
Pyrene	NS	964		2,370		3,210		6,930		11,200		507	
1,2,4-Trichlorobenzene	NS	25		22		22		22		24		25	

SVOCs = Semi-Volatile Organic Compounds

Soil samples analyzed for TCL SVOCs by EPA Method 8270.

NYSDEC Track 1 Unrestricted Use Soil Cleanup Objectives (SCOs)

values from 6 NYCRR Part 375-6.8 Table 375-6.8(a): Unrestricted Use SCOs

NS = No Standard

Exceedances in **bold.**

For explanation of qualifiers, see Table 12.

Table 8
Summary of SVOCs in Waste Characterization Soil Samples
Compared to Track 1 –Unrestricted Use

Sample ID Date Sampled Units	NYSDEC Track 1 Soil Cleanup Objectives µg/kg	D-3-S 9/5/2007 µg/kg		D-4-S 9/5/2007 µg/kg		D-5 9/24/2007 µg/kg		D6-S 10/5/2007 µg/kg		D-7 9/25/2007 µg/kg		E-1-S 9/11/2007 µg/kg	
2-Chlorophenol	NS	33		33		33		23		30		33	
4-Chloro-3-methyl phenol	NS	48		49		49		50		44		49	
2,4-Dichlorophenol	NS	64		65		64		38		58		64	
2,4-Dimethylphenol	NS	98		99		98		45		90		98	
2,4-Dinitrophenol	NS	58		59		58		40		53		58	
4,6-Dinitro-o-cresol	NS	33		34		33		67		30		33	
2-Methylphenol	NS	37		38		38		35		34		38	
3&4-Methylphenol	NS	89.3	J	90.0	J	55		45		50		55	
2-Nitrophenol	NS	47		48		48		42		43		48	
4-Nitrophenol	NS	52		53		52		64		48		52	
Pentachlorophenol	800	43		43		43		38		39		43	
Phenol	330	47		48		48		34		43		48	
2,4,5-Trichlorophenol	NS	57		58		58		70		53		58	
2,4,6-Trichlorophenol	NS	32		33		32		74		29		32	
Acenaphthene	20,000	1,980		1,990		199		140		565		37.1	J
Acenaphthylene	100,000	741		234		50.2	J	87.4		87.3		80.0	
Anthracene	100,000	5,400		4,080		485		496		1120		174	
Benzidine	NS	1.8		1.8		1.8		5.8		1.6		1.8	
Benzo(a)anthracene	**1,000**	**11,800**		**5,600**		874		**1,810**		**3,160**		522	
Benzo(a)pyrene	**1,000**	**10,000**		**4,380**		714		**1,760**		**3,020**		492	
Benzo(b)fluoranthene	**1,000**	**9,470**		**3,790**		639		**1,450**		**3,040**		510	
Benzo(g,h,i)perylene	100,000	1,710		1,120		465		1,160		1,360		298	
Benzo(k)fluoranthene	**800**	**7,710**		**2,400**		534		**1,300**		**2,140**		377	
4-Bromophenyl phenyl ether	NS	19		20		20		16		18		19	
Butyl benzyl phthalate	NS	29		29		29		13		577		29	
Benzyl Alcohol	NS	31		32		32		12		29		32	
2-Chloronaphthalene	NS	53		54		54		11		49		54	
4-Chloroaniline	NS	24		24		24		13		22		24	
Chrysene	**1,000**	**12,200**		**5,190**		768		**1750**		**2,790**		527	
bis(2-Chloroethoxy)methane	NS	25		25		25		14		23		25	
bis(2-Chloroethyl)ether	NS	19		19		19		17		17		19	
bis(2-Chloroisopropyl)ether	NS	29		29		29		21		26		29	
4-Chlorophenyl phenyl ether	NS	18		18		18		10		16		18	
1,2-Dichlorobenzene	NS	17		17		17		12		15		17	
1,2-Diphenylhydrazine	NS	26		26		26		12		24		26	
1,3-Dichlorobenzene	NS	20		21		21		11		19		21	
1,4-Dichlorobenzene	NS	16		16		16		9.8		15		16	
2,4-Dinitrotoluene	NS	44		45		45		12		41		44	
2,6-Dinitrotoluene	NS	44		44		44		15		40		44	
3,3'-Dichlorobenzidine	NS	36		37		37		26		33		37	
Dibenzo(a,h)anthracene	**330**	1,310		760		181		290		**401**		138	
Di-n-butyl phthalate	NS	24		25		24		10		22		24	
Di-n-octyl phthalate	NS	33		33		33		15		30		33	
Diethyl phthalate	NS	16		17		16		13		15		16	
Dimethyl phthalate	NS	16		17		16		9.9		15		16	
bis(2-Ethylhexyl)phthalate	NS	67.1	J	67.3	J	49		164		206		73.7	J
Fluoranthene	100,000	32,200		13,500		2,030		2,680		6,680		902	
Fluorene	30,000	1,880		1,970		204		132		427		42.6	J
Hexachlorobenzene	NS	22		22		22		18		20		22	
Hexachlorobutadiene	NS	25		26		25		17		23		25	
Hexachlorocyclopentadiene	NS	27		28		28		17		25		28	
Hexachloroethane	NS	19		19		19		15		18		19	
Indeno(1,2,3-cd)pyrene	NS	2,460		1,430		438		1,250		1,310		285	
Isophorone	NS	19		19		19		12		17		19	
Naphthalene	12,000	1,750		3,570		22		33.4	J	109		22	
Nitrobenzene	0	27		27		27		12		24		27	
n-Nitrosodimethylamine	NS	22		23		22		16		20		22	
N-Nitroso-di-n-propylamine	NS	25		25		25		13		22		25	
N-Nitrosodiphenylamine	NS	16		16		16		8		14		16	
Phenanthrene	NS	28,600		14,900		2,080		2,050		5,530		567	
Pyrene	NS	21,400		9,470		1,580		8,080		6,850		1,130	
1,2,4-Trichlorobenzene	NS	24		24		24		11		22		24	

SVOCs = Semi-Volatile Organic Compounds

Soil samples analyzed for TCL SVOCs by EPA Method 8270.

NYSDEC Track 1 Unrestricted Use Soil Cleanup Objectives (SCOs)

values from 6 NYCRR Part 375-6.8 Table 375-6.8(a): Unrestricted Use SCOs

NS = No Standard

Exceedances in **bold.**

For explanation of qualifiers, see Table 12.

Table 8
Summary of SVOCs in Waste Characterization Soil Samples
Compared to Track 1 –Unrestricted Use

Sample ID Date Sampled Units	NYSDEC Track 1 Soil Cleanup Objectives µg/kg	E-2-S 9/11/2007 µg/kg		E-3-S 9/11/2007 µg/kg		E-4-S 9/11/2007 µg/kg		E-5 10/15/2007 µg/kg		EF-6 10/15/2007 µg/kg		E-F-G5D 12/13/2007 µg/kg	
2-Chlorophenol	NS	40		33		33		24		23		27	
4-Chloro-3-methyl phenol	NS	59		49		50		51		50		58	
2,4-Dichlorophenol	NS	77		64		65		39		38		45	
2,4-Dimethylphenol	NS	120		98		100		46		45		52	
2,4-Dinitrophenol	NS	70		58		59		42		40		47	
4,6-Dinitro-o-cresol	NS	40		33		34		69		67		79	
2-Methylphenol	NS	45		38		38		37		36		42	
3&4-Methylphenol	NS	66		55		56		47		46		53	
2-Nitrophenol	NS	57		48		48		44		43		50	
4-Nitrophenol	NS	63		52		53		67		65		76	
Pentachlorophenol	800	52		43		44		40		39		45	
Phenol	330	57		48		48		35		34		40	
2,4,5-Trichlorophenol	NS	69		58		59		72		70		82	
2,4,6-Trichlorophenol	NS	39		32		33		76		74		87	
Acenaphthene	20,000	753		36.5	J	250		151		91.2		26.1	J
Acenaphthylene	100,000	642		121		166		48.0	J	112		77.9	J
Anthracene	100,000	2,360		263		641		347		288		106	
Benzidine	NS	2.1		1.8		1.8		6		5.8		6.8	
Benzo(a)anthracene	**1,000**	**6,690**		974		**1,900**		867		956		483	
Benzo(a)pyrene	**1,000**	**5,930**		963		**1,730**		830		950		400	
Benzo(b)fluoranthene	**1,000**	**5,690**		903		**2,120**		753		845		546	
Benzo(g,h,i)perylene	100,000	2,770		589		1,050		489		643		264	
Benzo(k)fluoranthene	**800**	**2,210**		681		**998**		648		673		260	
4-Bromophenyl phenyl ether	NS	23		20		20		17		16		19	
Butyl benzyl phthalate	NS	35		29		29		14		164		16	
Benzyl Alcohol	NS	38		32		32		13		12		14	
2-Chloronaphthalene	NS	65		54		55		11		11		13	
4-Chloroaniline	NS	29		24		24		14		13		16	
Chrysene	**1,000**	**6,780**		913		**2,060**		901		970		403	
bis(2-Chloroethoxy)methane	NS	30		25		25		15		14		17	
bis(2-Chloroethyl)ether	NS	23		19		19		17		17		20	
bis(2-Chloroisopropyl)ether	NS	35		29		29		22		21		25	
4-Chlorophenyl phenyl ether	NS	22		18		18		11		11		12	
1,2-Dichlorobenzene	NS	20		17		17		13		12		15	
1,2-Diphenylhydrazine	NS	32		26		27		12		12		14	
1,3-Dichlorobenzene	NS	25		21		21		11		11		13	
1,4-Dichlorobenzene	NS	19		16		16		10		9.9		12	
2,4-Dinitrotoluene	NS	54		45		45		12		12		14	
2,6-Dinitrotoluene	NS	53		44		44		15		15		17	
3,3'-Dichlorobenzidine	NS	44		37		37		27		27		31	
Dibenzo(a,h)anthracene	**330**	**1,460**		273		**500**		170		206		92.7	
Di-n-butyl phthalate	NS	258		24		857		11		37.8	J	12	
Di-n-octyl phthalate	NS	40		33		33		15		15		18	
Diethyl phthalate	NS	20		16		17		13		13		15	
Dimethyl phthalate	NS	20		16		17		10		10		12	
bis(2-Ethylhexyl)phthalate	NS	129		49		50		97.1		121		62.1	J
Fluoranthene	100,000	14,200		1,700		3,900		2,100		2,050		639	
Fluorene	30,000	901		33.7	J	275		147		85.4		29.0	J
Hexachlorobenzene	NS	27		22		22		18		18		21	
Hexachlorobutadiene	NS	30		25		26		18		17		20	
Hexachlorocyclopentadiene	NS	33		28		28		18		17		20	
Hexachloroethane	NS	23		19		20		16		15		18	
Indeno(1,2,3-cd)pyrene	NS	2,780		550		1,000		458		583		244	
Isophorone	NS	23		19		19		12		12		14	
Naphthalene	12,000	757		22		175		105		38.9	J	596	
Nitrobenzene	NS	32		27		27		13		12		14	
n-Nitrosodimethylamine	NS	27		22		23		17		16		19	
N-Nitroso-di-n-propylamine	NS	30		25		25		13		13		15	
N-Nitrosodiphenylamine	NS	19		16		16		8.3		8.1		9.4	
Phenanthrene	NS	13,100		810		3,600		1,750		1,190		228	
Pyrene	NS	14,900		2,080		4,430		1,570		1,560		683	
1,2,4-Trichlorobenzene	NS	29		24		24		12		12		13	

SVOCs = Semi-Volatile Organic Compounds

Soil samples analyzed for TCL SVOCs by EPA Method 8270.

NYSDEC Track 1 Unrestricted Use Soil Cleanup Objectives (SCOs)

values from 6 NYCRR Part 375-6.8 Table 375-6.8(a): Unrestricted Use SCOs

NS = No Standard

Exceedances in **bold.**

For explanation of qualifiers, see Table 12.

Table 8
Summary of SVOCs in Waste Characterization Soil Samples
Compared to Track 1 –Unrestricted Use

Sample ID Date Sampled Units	NYSDEC Track 1 Soil Cleanup Objectives µg/kg	F-1-S 9/11/2007 µg/kg		F-2-S 9/11/2007 µg/kg		F-3-S 9/11/2007 µg/kg		F-4-S 9/11/2007 µg/kg		F-5 10/15/2007 µg/kg		G-S-1 9/6/2007 µg/kg	
2-Chlorophenol	NS	34		35		34		34		24		34	
4-Chloro-3-methyl phenol	NS	50		51		50		50		51		51	
2,4-Dichlorophenol	NS	66		67		66		66		39		67	
2,4-Dimethylphenol	NS	100		100		100		100		46		100	
2,4-Dinitrophenol	NS	60		61		60		60		41		61	
4,6-Dinitro-o-cresol	NS	34		35		34		34		68		35	
2-Methylphenol	NS	38		40		39		39		36		39	
3&4-Methylphenol	NS	56		58		56		56		46		57	
2-Nitrophenol	NS	49		50		49		49		43		49	
4-Nitrophenol	NS	53		55		54		53		66		54	
Pentachlorophenol	800	44		45		44		44		39		45	
Phenol	330	49		50		49		49		35		49	
2,4,5-Trichlorophenol	NS	59		61		59		59		71		60	
2,4,6-Trichlorophenol	NS	33		34		33		33		76		33	
Acenaphthene	20,000	54.7	J	930		729		230		229		373	
Acenaphthylene	100,000	47.5	J	385		298		136		152		87.5	
Anthracene	100,000	176		2880		1900		518		629		1040	
Benzidine	NS	1.8		1.9		1.8		1.8		5.9		1.8	
Benzo(a)anthracene	**1,000**	438		**5,640**		**3,220**		**1,170**		**1,840**		**2,070**	
Benzo(a)pyrene	**1,000**	387		**4,570**		**2,490**		**1,090**		**1,840**		**1,720**	
Benzo(b)fluoranthene	**1,000**	415		**5,030**		**2,830**		**1,100**		**1,790**		**1,750**	
Benzo(g,h,i)perylene	100,000	276		2,820		1,230		705		1,240		703	
Benzo(k)fluoranthene	**800**	277		**1,760**		**1,390**		751		**1,230**		**1,060**	
4-Bromophenyl phenyl ether	NS	20		21		20		20		16		20	
Butyl benzyl phthalate	NS	30		31		30		30		143		30	
Benzyl Alcohol	NS	32		33		32		32		13		33	
2-Chloronaphthalene	NS	55		56		55		55		11		56	
4-Chloroaniline	NS	24		25		24		24		14		25	
Chrysene	**1,000**	430		**5,470**		**3,180**		**1,190**		**1,810**		**1,940**	
bis(2-Chloroethoxy)methane	NS	25		26		25		25		15		26	
bis(2-Chloroethyl)ether	NS	20		20		20		20		17		20	
bis(2-Chloroisopropyl)ether	NS	29		30		30		29		22		30	
4-Chlorophenyl phenyl ether	NS	18		19		19		18		11		19	
1,2-Dichlorobenzene	NS	17		18		17		17		13		18	
1,2-Diphenylhydrazine	NS	27		28		27		27		12		27	
1,3-Dichlorobenzene	NS	21		22		21		21		11		21	
1,4-Dichlorobenzene	NS	16		17		16		16		10		17	
2,4-Dinitrotoluene	NS	46		47		46		46		12		46	
2,6-Dinitrotoluene	NS	45		46		45		45		15		45	
3,3'-Dichlorobenzidine	NS	37		38		38		37		27		38	
Dibenzo(a,h)anthracene	**330**	113		**1,300**		**625**		306		**391**		**394**	
Di-n-butyl phthalate	NS	25		26		44.3	J	249		147		129	
Di-n-octyl phthalate	NS	34		35		34		34		15		34	
Diethyl phthalate	NS	17		17		17		17		13		17	
Dimethyl phthalate	NS	17		17		17		17		10		17	
bis(2-Ethylhexyl)phthalate	NS	50		95.0		77.4	J	50		122		51	
Fluoranthene	100,000	940		12,300		7860		2,830		3,990		4,830	
Fluorene	30,000	59.3	J	1,290		736		190		212		443	
Hexachlorobenzene	NS	23		23		23		23		18		23	
Hexachlorobutadiene	NS	26		27		26		26		17		26	
Hexachlorocyclopentadiene	NS	28		29		28		28		17		29	
Hexachloroethane	NS	20		20		20		20		16		20	
Indeno(1,2,3-cd)pyrene	NS	246		2,610		1,260		643		1,130		770	
Isophorone	NS	19		20		20		20		12		20	
Naphthalene	12,000	22		437		745		199		208		287	
Nitrobenzene	NS	27		28		27		27		13		28	
n-Nitrosodimethylamine	NS	23		23		23		23		16		23	
N-Nitroso-di-n-propylamine	NS	25		26		25		25		13		26	
N-Nitrosodiphenylamine	NS	16		17		16		16		8.2		16	
Phenanthrene	NS	714		13,200		8,370		2,670		2,710		4,280	
Pyrene	NS	962		12,700		7,110		3,010		3,100		3,630	
1,2,4-Trichlorobenzene	NS	24		25		24		24		12		25	

SVOCs = Semi-Volatile Organic Compounds

Soil samples analyzed for TCL SVOCs by EPA Method 8270.

NYSDEC Track 1 Unrestricted Use Soil Cleanup Objectives (SCOs)

values from 6 NYCRR Part 375-6.8 Table 375-6.8(a): Unrestricted Use SCOs

NS = No Standard

Exceedances in **bold.**

For explanation of qualifiers, see Table 12.

Table 8
Summary of SVOCs in Waste Characterization Soil Samples
Compared to Track 1 –Unrestricted Use

Sample ID Date Sampled Units	NYSDEC Track 1 Soil Cleanup Objectives µg/kg	G-S-2 9/6/2007 µg/kg		G-3-S 9/7/2007 µg/kg		G-4-S 9/7/2007 µg/kg		G-5 10/15/2007 µg/kg	
2-Chlorophenol	NS	34		35		33		23	
4-Chloro-3-methyl phenol	NS	51		52		50		50	
2,4-Dichlorophenol	NS	67		68		65		38	
2,4-Dimethylphenol	NS	100		100		100		45	
2,4-Dinitrophenol	NS	61		62		59		40	
4,6-Dinitro-o-cresol	NS	35		35		34		67	
2-Methylphenol	NS	39		40		38		36	
3&4-Methylphenol	NS	57		58		56		46	
2-Nitrophenol	NS	50		51		49		43	
4-Nitrophenol	NS	54		55		53		65	
Pentachlorophenol	800	45		46		44		39	
Phenol	330	50		51		49		34	
2,4,5-Trichlorophenol	NS	60		61		59		70	
2,4,6-Trichlorophenol	NS	34		34		33		74	
Acenaphthene	20,000	153		121		1120		208	
Acenaphthylene	100,000	123		364		222		185	
Anthracene	100,000	567		610		2090		650	
Benzidine	NS	1.8		1.9		1.8		5.8	
Benzo(a)anthracene	**1,000**	**1,390**		**1,990**		**3,770**		**1,800**	
Benzo(a)pyrene	**1,000**	**1,270**		**1,900**		**3,160**		**1,770**	
Benzo(b)fluoranthene	**1,000**	**1,220**		**2,080**		**3,620**		**1,620**	
Benzo(g,h,i)perylene	100,000	596		1,140		,210		1,110	
Benzo(k)fluoranthene	**800**	**933**		**1,400**		**1,590**		**1,330**	
4-Bromophenyl phenyl ether	NS	20		21		20		16	
Butyl benzyl phthalate	NS	30		31		30		13	
Benzyl Alcohol	NS	33		34		32		12	
2-Chloronaphthalene	NS	56		57		55		11	
4-Chloroaniline	NS	25		25		24		13	
Chrysene	**1,000**	**1,360**		**2,250**		**3,370**		**1,760**	
bis(2-Chloroethoxy)methane	NS	26		26		25		14	
bis(2-Chloroethyl)ether	NS	20		20		19		17	
bis(2-Chloroisopropyl)ether	NS	30		31		29		21	
4-Chlorophenyl phenyl ether	NS	19		19		18		11	
1,2-Dichlorobenzene	NS	18		18		17		12	
1,2-Diphenylhydrazine	NS	27		28		27		12	
1,3-Dichlorobenzene	NS	21		22		21		11	
1,4-Dichlorobenzene	NS	17		17		16		9.8	
2,4-Dinitrotoluene	NS	46		47		45		12	
2,6-Dinitrotoluene	NS	46		46		45		15	
3,3'-Dichlorobenzidine	NS	38		39		37		27	
Dibenzo(a,h)anthracene	**330**	218		**481**		**640**		**393**	
Di-n-butyl phthalate	NS	25		26		321		101	
Di-n-octyl phthalate	NS	34		35		33		15	
Diethyl phthalate	NS	17		53.0	J	17		13	
Dimethyl phthalate	NS	17		17		17		10	
bis(2-Ethylhexyl)phthalate	NS	51		174		50		86.1	
Fluoranthene	100,000	3,120		4,690		10,200		4,030	
Fluorene	30,000	174		176		831		208	
Hexachlorobenzene	NS	23		23		22		18	
Hexachlorobutadiene	NS	26		27		26		17	
Hexachlorocyclopentadiene	NS	29		29		28		17	
Hexachloroethane	NS	20		20		20		15	
Indeno(1,2,3-cd)pyrene	NS	615		1070		1,370		1,070	
Isophorone	NS	20		20		19		12	
Naphthalene	12,000	70.0	J	40.0	J	519		87.3	
Nitrobenzene	NS	28		28		27		12	
n-Nitrosodimethylamine	NS	23		24		23		16	
N-Nitroso-di-n-propylamine	NS	26		26		25		13	
N-Nitrosodiphenylamine	NS	16		17		16		8.1	
Phenanthrene	NS	2,280		4,030		9,390		2,640	
Pyrene	NS	2,440		5,110		7,770		2,940	
1,2,4-Trichlorobenzene	NS	25		25		24		12	

SVOCs = Semi-Volatile Organic Compounds

Soil samples analyzed for TCL SVOCs by EPA Method 8270.

NYSDEC Track 1 Unrestricted Use Soil Cleanup Objectives (SCOs)
values from 6 NYCRR Part 375-6.8 Table 375-6.8(a): Unrestricted Use SCOs

NS = No Standard

Exceedances in **bold.**

For explanation of qualifiers, see Table 12.

Table 9
Summary of Metals in Waste Characterization Soil Samples
Compared to Track 1 – Unrestricted Use

Sample ID Date Sampled Units	NYSDEC Track 1 Soil Cleanup Objectives mg/kg	A-1-S 9/4/2007 mg/Kg	A-2-S 9/4/2007 mg/Kg	A-3-S 9/4/2007 mg/Kg	A-4-S 9/4/2007 mg/Kg	A5-S 10/5/2007 mg/Kg	A6-S 10/5/2007 mg/Kg	A7-S 10/5/2007 mg/Kg
Antimony	NS	2.2	2.3	2.3	2.4	2.3	2.2	2.2
Arsenic	13	5.0	2.3	6.2	2.6	4.8	5.3	5.8
Barium	350	321	83.4	162	71.3	118	208	211
Beryllium	7.2	0.54	0.56	0.57	0.6	0.57	0.56	0.56
Cadmium	2.5	0.69	0.56	1.4	0.6	0.57	0.56	0.56
Chromium	NS	14.7	23.0	14.8	11.3	18.6	16.3	16.3
Chromium, Trivalent	**30**	7.8	23.0	14.8	11.3	18.6	16.3	16.3
Chromium, Hexavalent	**1**	**6.9**	1.2	1.2	1.1	1.1	1.1	1.1
Copper	NS	35.4	22.7	122	24.1	72.7	45.2	39.6
Cyanide	27	0.57	0.23	0.23	0.23	0.5	0.26	0.26
Lead	**63**	**605**	44.0	**700**	**103**	**187**	**365**	**338**
Mercury	**0.18**	**0.99**	0.15	**1.4**	**0.31**	**0.32**	**0.49**	**0.44**
Nickel	**30**	16.2	16.1	16.1	10.1	13.0	17.0	16.4
Selenium	3.9	2.2	2.3	2.3	2.4	2.3	2.2	2.2
Silver	2	1.1	1.1	1.6	1.2	1.1	1.1	1.1
Thallium	NS	1.1	1.1	1.1	1.2	1.1	1.1	1.1
Vanadium	NS	15.6	24.0	17.6	15.3	22.5	31.8	37.0
Zinc	**109**	**420**	61.6	**458**	95.1	**156**	**245**	**201**

Soil samples analyzed for TAL Metals by EPA Method 6010.
Mercury analyzed by EPA Method 7471.
NYSDEC Track 1 Unrestricted Use Soil Cleanup Objectives (SCOs)
values from 6 NYCRR Part 375-6.8 Table 375-6.8(a): Unrestricted Use SCOs
NS = No Standard
Chromium, Trivalent calculated from (Chromium - Chromium, Hexavalent)
Exceedances in **bold.**

Table 9
Summary of Metals in Waste Characterization Soil Samples
Compared to Track 1 – Unrestricted Use

Sample ID Date Sampled Units	NYSDEC Track 1 Soil Cleanup Objectives mg/kg	AS-6-7D 12/13/2007 mg/Kg	B-1-S 9/4/2007 mg/Kg	B-2-S 9/4/2007 mg/Kg	B-3-S 9/4/2007 mg/Kg	B-4-S 9/5/2007 mg/Kg	B-5 9/24/2007 mg/Kg
Antimony	NS	2.3	2.3	2.2	2.3	2.3	2.1
Arsenic	13	2.3	46.3	2.2	2.6	3.6	3.9
Barium	350	52.3	255	62.2	92.8	72.3	84.7
Beryllium	7.2	0.58	0.58	0.54	0.57	0.58	0.53
Cadmium	2.5	0.58	1.1	0.54	0.57	0.58	0.53
Chromium	NS	15.5	15.3	12.7	19.5	16.4	16.6
Chromium, Trivalent	**30**	15.5	15.3	12.7	19.5	16.4	16.6
Chromium, Hexavalent	**1**	1.2	1.2	1.1	1.2	1.1	1.1
Copper	NS	13.5	136	17.9	26.8	19.5	19.6
Cyanide	27	0.24	0.23	0.23	0.23	0.23	0.25
Lead	**63**	12.1	**483**	45.4	**119**	**72.7**	**118**
Mercury	**0.18**	0.036	**1.8**	**0.26**	**0.18**	**0.19**	**0.14**
Nickel	**30**	15.7	12.6	10.2	17.2	15.4	13.2
Selenium	3.9	2.3	3.3	2.2	2.3	2.3	2.1
Silver	2	1.2	2.2	1.1	1.1	1.2	1.1
Thallium	NS	1.2	1.2	1.1	1.1	1.2	1.1
Vanadium	NS	19.9	19.6	14.7	21.9	22.0	24.0
Zinc	**109**	36.6	**345**	65.7	**95.3**	56.8	68.2

Soil samples analyzed for TAL Metals by EPA Method 6010.
Mercury analyzed by EPA Method 7471.
NYSDEC Track 1 Unrestricted Use Soil Cleanup Objectives (SCOs)
values from 6 NYCRR Part 375-6.8 Table 375-6.8(a): Unrestricted Use SCOs
NS = No Standard
Chromium, Trivalent calculated from (Chromium - Chromium, Hexavalent)
Exceedances in **bold.**

Table 9
Summary of Metals in Waste Characterization Soil Samples
Compared to Track 1 – Unrestricted Use

Sample ID Date Sampled Units	NYSDEC Track 1 Soil Cleanup Objectives mg/kg	B-6 9/24/2007 mg/Kg	B-7 9/25/2007 mg/Kg	C-1-S 9/5/2007 mg/Kg	C-2-S 9/5/2007 mg/Kg	C-3-S 9/5/2007 mg/Kg	C-4-S 9/5/2007 mg/Kg	C-5 9/24/2007 mg/Kg
Antimony	NS	2.2	2.2	2.3	2.3	2.5	2.2	2.2
Arsenic	13	2.9	3.3	9.0	3.5	3.6	3.0	3.9
Barium	350	76.3	83.1	219	91.1	130	82.2	189
Beryllium	7.2	0.54	0.56	0.57	0.57	0.63	0.56	0.54
Cadmium	2.5	0.54	0.56	1.0	0.57	0.63	0.56	0.54
Chromium	NS	15.9	17.8	39.6	15.6	19.7	13.1	16.9
Chromium, Trivalent	**30**	15.9	17.8	39.6	15.6	19.7	13.1	16.9
Chromium, Hexavalent	**1**	1.1	1.1	1.1	1.2	1.2	1.2	1.1
Copper	NS	19.3	21.3	91.3	53.9	32.4	17.3	50.4
Cyanide	27	0.25	0.23	0.34	0.23	0.24	0.32	0.24
Lead	**63**	**161**	42.7	**96.8**	**188**	**221**	**104**	**470**
Mercury	**0.18**	**0.18**	0.16	**0.67**	**1.1**	**0.26**	0.14	**0.35**
Nickel	**30**	13.4	14.1	24.0	14.6	14.4	11.7	12.1
Selenium	3.9	2.2	2.2	2.3	2.3	2.5	2.2	2.2
Silver	2	1.1	1.1	1.8	1.1	1.3	1.1	1.1
Thallium	NS	1.1	1.1	1.1	1.1	1.3	1.1	1.1
Vanadium	NS	24.3	25.6	58.6	18.9	25.6	19.3	28.1
Zinc	**109**	63.7	57.3	**299**	**162**	**132**	**80.0**	**172**

Soil samples analyzed for TAL Metals by EPA Method 6010.
Mercury analyzed by EPA Method 7471.
NYSDEC Track 1 Unrestricted Use Soil Cleanup Objectives (SCOs)
values from 6 NYCRR Part 375-6.8 Table 375-6.8(a): Unrestricted Use SCOs
NS = No Standard
Chromium, Trivalent calculated from (Chromium - Chromium, Hexavalent)
Exceedances in **bold.**

Table 9
Summary of Metals in Waste Characterization Soil Samples
Compared to Track 1 – Unrestricted Use

Sample ID Date Sampled Units	NYSDEC Track 1 Soil Cleanup Objectives mg/kg	C-6 9/25/2007 mg/Kg	C-7 9/25/2007 mg/Kg	D-1-S 9/5/2007 mg/Kg	D-2-S 9/5/2007 mg/Kg	D-3-S 9/5/2007 mg/Kg	D-4-S 9/5/2007 mg/Kg	D-5 9/24/2007 mg/Kg
Antimony	NS	2.2	2.1	2.2	2.4	2.4	2.3	2.3
Arsenic	13	6.5	4.6	3.9	3.1	5.3	4.8	2.7
Barium	350	150	150	175	145	163	271	215
Beryllium	7.2	0.55	0.52	0.56	0.6	0.6	0.57	0.57
Cadmium	2.5	0.97	0.52	0.85	1.1	0.6	2.0	0.57
Chromium	NS	18.3	18.7	21.0	19.4	20.8	22.4	14.9
Chromium, Trivalent	**30**	18.3	18.7	21.0	19.4	20.8	22.4	14.9
Chromium, Hexavalent	**1**	1.1	1.1	1.2	1.2	1.1	1.2	1.2
Copper	NS	50.6	42.6	203	33.2	54.4	56.1	32.0
Cyanide	27	0.24	0.24	0.24	0.24	0.23	0.3	0.23
Lead	**63**	**152**	**121**	**196**	**122**	**233**	**320**	**82.2**
Mercury	**0.18**	**0.36**	**0.45**	**0.39**	**0.36**	**0.70**	**0.31**	**0.21**
Nickel	**30**	18.3	16.0	**38.3**	16.3	18.4	20.9	11.2
Selenium	3.9	2.2	2.1	2.2	2.4	2.4	2.3	2.3
Silver	2	1.1	1	1.1	1.2	1.2	1.1	1.1
Thallium	NS	1.1	1	1.1	1.2	1.2	1.1	1.1
Vanadium	NS	27.9	30.4	28.3	24.7	25.1	22.8	19.6
Zinc	**109**	**172**	**143**	**324**	**425**	**179**	**763**	**168**

Soil samples analyzed for TAL Metals by EPA Method 6010.
Mercury analyzed by EPA Method 7471.
NYSDEC Track 1 Unrestricted Use Soil Cleanup Objectives (SCOs)
values from 6 NYCRR Part 375-6.8 Table 375-6.8(a): Unrestricted Use SCOs
NS = No Standard
Chromium, Trivalent calculated from (Chromium - Chromium, Hexavalent)
Exceedances in **bold.**

Table 9
Summary of Metals in Waste Characterization Soil Samples
Compared to Track 1 – Unrestricted Use

Sample ID Date Sampled Units	NYSDEC Track 1 Soil Cleanup Objectives mg/kg	D6-S 10/5/2007 mg/Kg	D-7 9/25/2007 mg/Kg	E-1-S 9/11/2007 mg/Kg	E-2-S 9/11/2007 mg/Kg	E-3-S 9/11/2007 mg/Kg	E-4-S 9/11/2007 mg/Kg	E-5 10/15/2007 mg/Kg
Antimony	NS	2.3	2.1	2.3	2.9	2.5	2.3	2.2
Arsenic	13	4.6	17.8	3.3	11.3	3.1	6.5	3.2
Barium	350	99.1	277	290	803	61.3	442	83.4
Beryllium	7.2	0.56	0.51	0.57	0.73	0.61	0.58	0.55
Cadmium	2.5	0.56	2.0	0.57	1.6	0.61	0.78	0.55
Chromium	NS	16.7	21.7	15.6	19.5	25.2	21.4	17.2
Chromium, Trivalent	**30**	16.7	19.9	14.3	14.7	25.2	21.4	17.2
Chromium, Hexavalen	**1**	1.1	1.8	1.3	**4.8**	1.2	1.2	1.1
Copper	NS	35.7	108	53.2	56.6	22.5	80.5	34.6
Cyanide	27	0.26	0.23	0.26	0.81	0.25	0.63	0.23
Lead	**63**	**99.5**	**330**	**206**	**952**	**72.2**	**669**	**65.4**
Mercury	**0.18**	**0.31**	**0.45**	**0.25**	**0.66**	**0.73**	**0.36**	**0.22**
Nickel	**30**	16.0	23.3	23.4	19.7	**30.6**	20.1	15.8
Selenium	3.9	2.3	2.1	2.3	2.9	2.5	2.3	2.2
Silver	2	1.1	1	1.1	1.5	1.2	1.2	1.1
Thallium	NS	1.1	1	1.1	1.5	1.2	1.2	1.1
Vanadium	NS	26.0	41.7	21.1	24.3	24.1	24.0	21.3
Zinc	**109**	**126**	**255**	**272**	**775**	**66.4**	**492**	**132**

Soil samples analyzed for TAL Metals by EPA Method 6010.
Mercury analyzed by EPA Method 7471.
NYSDEC Track 1 Unrestricted Use Soil Cleanup Objectives (SCOs)
values from 6 NYCRR Part 375-6.8 Table 375-6.8(a): Unrestricted Use SCOs
NS = No Standard
Chromium, Trivalent calculated from (Chromium - Chromium, Hexavalent)
Exceedances in **bold.**

Table 9
Summary of Metals in Waste Characterization Soil Samples
Compared to Track 1 – Unrestricted Use

Sample ID Date Sampled Units	NYSDEC Track 1 Soil Cleanup Objectives mg/kg	EF-6 10/15/2007 mg/Kg	E-F-G5D 12/13/2007 mg/Kg	F-1-S 9/11/2007 mg/Kg	F-2-S 9/11/2007 mg/Kg	F-3-S 9/11/2007 mg/Kg	F-4-S 9/11/2007 mg/Kg	F-5 10/15/2007 mg/Kg
Antimony	NS	2.3	2.7	2.5	2.3	2.5	2.4	2.1
Arsenic	13	6.7	2.7	15.4	5.7	4.1	5.5	6.0
Barium	350	432	65.6	673	1180	979	449	248
Beryllium	7.2	0.58	0.68	0.62	0.58	0.62	0.61	0.53
Cadmium	2.5	0.81	0.68	1.0	1.2	0.67	0.61	0.64
Chromium	NS	17.3	15.3	25.0	15.5	12.1	16.1	17.9
Chromium, Triv	**30**	17.3	15.3	25.0	15.5	12.1	16.1	17.9
Chromium, Hex	**1**	1.1	1.1	2.4	2.4	1.2	1.2	1.1
Copper	NS	194	17.2	96.3	35.0	33.4	63.9	57.6
Cyanide	27	0.57	0.31	0.25	0.25	1.1	0.28	0.22
Lead	**63**	**244**	37.6	**494**	**871**	**245**	**268**	**186**
Mercury	**0.18**	**0.51**	0.058	**0.47**	**0.64**	**0.25**	**0.41**	**0.44**
Nickel	**30**	**56.7**	14.7	**37.2**	12.3	12.6	18.0	20.1
Selenium	3.9	2.3	2.7	2.5	2.3	2.5	2.4	2.1
Silver	2	1.2	1.4	1.2	1.2	1.2	1.2	1.1
Thallium	NS	1.2	1.4	1.2	1.2	1.2	1.2	1.1
Vanadium	NS	37.6	19.9	25.1	17.7	16.9	24.0	31.6
Zinc	**109**	**329**	52.4	**608**	**667**	**481**	**298**	**213**

Soil samples analyzed for TAL Metals by EPA Method 6010.
Mercury analyzed by EPA Method 7471.
NYSDEC Track 1 Unrestricted Use Soil Cleanup Objectives (SCOs)
values from 6 NYCRR Part 375-6.8 Table 375-6.8(a): Unrestricted Use SCOs
NS = No Standard
Chromium, Trivalent calculated from (Chromium - Chromium, Hexavalent)
Exceedances in **bold.**

Table 9
Summary of Metals in Waste Characterization Soil Samples
Compared to Track 1 – Unrestricted Use

Sample ID Date Sampled Units	NYSDEC Track 1 Soil Cleanup Objectives mg/kg	G-S-1 9/6/2007 mg/Kg	G-S-2 9/6/2007 mg/Kg	G-3-S 9/7/2007 mg/Kg	G-4-S 9/7/2007 mg/Kg	G-5 10/15/2007 mg/Kg
Antimony	NS	2.4	2.4	3.6	2.3	2.1
Arsenic	13	7.3	6.8	15.2	10.0	4.5
Barium	350	1,350	1,400	2,520	699	277
Beryllium	7.2	0.6	0.6	0.61	0.57	0.53
Cadmium	2.5	2.1	1.1	5.5	1.2	0.53
Chromium	NS	23.8	20.1	42.8	40.9	15.6
Chromium, Trivalent	**30**	1.2	1.2	**39.9**	**34.1**	1.1
Chromium, Hexavalent	1	1.2	1.2	**2.9**	**6.8**	1.1
Copper	NS	127	67.8	821	205	52.3
Cyanide	27	0.34	0.31	0.27	0.25	1.2
Lead	**63**	**1,380**	**816**	**1,290**	**597**	**213**
Mercury	**0.18**	**0.69**	**0.61**	**1.2**	**0.89**	**0.35**
Nickel	**30**	**42.7**	**26.4**	**350**	**60.2**	20.2
Selenium	3.9	2.4	2.4	3.4	2.3	2.1
Silver	2	1.2	1.2	2.8	1.1	1.1
Thallium	NS	1.2	1.2	1.2	1.1	1.1
Vanadium	NS	38.7	22.5	78.7	29.2	19.3
Zinc	**109**	**955**	**693**	**2,020**	**545**	**258**

Soil samples analyzed for TAL Metals by EPA Method 6010.
Mercury analyzed by EPA Method 7471.
NYSDEC Track 1 Unrestricted Use Soil Cleanup Objectives (SCOs)
values from 6 NYCRR Part 375-6.8 Table 375-6.8(a): Unrestricted Use SCOs
NS = No Standard
Chromium, Trivalent calculated from (Chromium - Chromium, Hexavalent)
Exceedances in **bold.**

Table 10
Summary of Pesticides and PCBs in Post Excavation Soil Samples
Compared to Track 1 – Unrestricted Use

Sample ID Date Sampled Units	NYSDEC Track 1 Soil Cleanup Objectives µg/kg	A-1-S 9/4/2007 µg/kg	A-2-S 9/4/2007 µg/kg	A-3-S 9/4/2007 µg/kg	A-4-S 9/4/2007 µg/kg	A5-S 10/5/2007 µg/kg	A6-S 10/5/2007 µg/kg
Pesticides							
Aldrin	5	0.33	0.34	0.33	0.33	0.33	0.32
alpha-BHC	20	0.27	0.28	0.28	0.28	0.28	0.27
beta-BHC	36	0.32	0.33	0.33	0.33	0.33	0.32
delta-BHC	40	0.55	0.56	0.56	0.56	0.56	0.54
gamma-BHC (Lindane)	NS	0.3	0.31	0.31	0.3	0.31	0.29
Chlordane	94	9.6	9.9	9.9	9.8	9.8	9.5
Dieldrin	5	0.37	0.39	0.38	0.38	0.38	0.37
4,4'-DDD	3.3	0.36	0.37	0.37	0.36	0.36	2.4
4,4'-DDE	3.3	8.5	0.38	3.8	1.9	0.38	7.0
4,4'-DDT	3.3	20.0	0.47	5.8	4.6	0.46	21.7
Endrin	14	0.37	0.38	0.38	0.38	0.38	0.36
Endosulfan sulfate	2,400	0.4	0.41	0.41	0.41	0.41	0.4
Endrin aldehyde	NS	0.35	0.36	0.36	0.36	0.36	0.34
Endosulfan-I	2,400	0.4	0.41	0.41	0.4	0.41	0.39
Endosulfan-II	2,400	0.39	0.4	0.4	0.4	0.4	0.39
Heptachlor	42	0.39	0.4	0.4	0.39	0.39	0.38
Heptachlor epoxide	NS	0.41	0.42	0.42	0.42	0.42	0.4
Methoxychlor	NS	0.49	0.51	0.5	0.5	0.5	0.48
Toxaphene	NS	7.1	7.3	7.2	7.2	7.2	6.9
PCBs							
Aroclor 1016	NS	7	7.3	7.2	7.2	7.2	6.9
Aroclor 1221	100	22	23	23	23	23	22
Aroclor 1232	100	20	21	21	21	21	20
Aroclor 1242	100	12	12	12	12	12	12
Aroclor 1248	100	13	13	13	13	13	13
Aroclor 1254	100	18	18	18	18	18	17
Aroclor 1260	100	7.5	7.7	7.7	7.6	7.6	7.4

PCBs = Polychlorinated Biphenyls

Soil samples analyzed for Pesticides by EPA Method 8081.

Soil samples analyzed for Polychlorinated Biphenyls by EPA Method 8082.

NYSDEC Track 1 Unrestricted Use Soil Cleanup Objectives (SCOs)

values from 6 NYCRR Part 375-6.8 Table 375-6.8(a): Unrestricted Use SCOs

NS = No Standard

Exceedances in **bold.**

Table 10
Summary of Pesticides and PCBs in Post Excavation Soil Samples
Compared to Track 1 – Unrestricted Use

Sample ID Date Sampled Units	NYSDEC Track 1 Soil Cleanup Objectives µg/kg	A7-S 10/5/2007 µg/kg	AS-6-7D 12/13/2007 µg/kg	B-1-S 9/4/2007 µg/kg	B-2-S 9/4/2007 µg/kg	B-3-S 9/4/2007 µg/kg	B-4-S 9/5/2007 µg/kg
Pesticides							
Aldrin	5	0.33	0.34	0.34	0.32	0.34	0.33
alpha-BHC	20	0.28	0.29	0.29	0.27	0.28	0.28
beta-BHC	36	0.33	0.34	0.34	0.32	0.33	0.33
delta-BHC	40	0.55	0.57	0.57	0.54	0.56	0.56
gamma-BHC (Lindane)	NS	0.3	0.31	0.31	0.3	0.31	0.3
Chlordane	94	9.7	10	10	9.5	9.9	9.8
Dieldrin	5	0.38	0.39	0.39	0.37	0.39	0.38
4,4'-DDD	3.3	0.36	0.37	0.37	0.35	0.37	0.36
4,4'-DDE	3.3	7.3	0.39	0.39	0.37	0.38	0.38
4,4'-DDT	3.3	25.8	0.48	0.48	0.45	0.47	0.46
Endrin	14	0.37	0.39	0.39	0.37	0.38	0.38
Endosulfan sulfate	2,400	0.41	0.42	0.42	0.4	0.41	0.41
Endrin aldehyde	NS	0.35	0.37	0.37	0.35	0.36	0.36
Endosulfan-I	2,400	0.4	0.42	0.42	0.39	0.41	0.41
Endosulfan-II	2,400	0.4	0.41	0.41	0.39	0.4	0.4
Heptachlor	42	0.39	0.4	0.4	0.38	0.4	0.39
Heptachlor epoxide	NS	0.41	0.43	0.43	0.41	0.42	0.42
Methoxychlor	NS	0.5	0.52	0.52	0.49	0.51	0.5
Toxaphene	NS	7.1	7.4	7.4	7	7.3	7.2
PCBs							
Aroclor 1016	NS	7.1	7.4	7.4	7	7.3	7.2
Aroclor 1221	100	23	23	23	22	23	23
Aroclor 1232	100	20	21	21	20	21	21
Aroclor 1242	100	12	12	12	12	12	12
Aroclor 1248	100	13	13	13	13	13	13
Aroclor 1254	100	18	18	18	17	18	18
Aroclor 1260	100	7.6	7.8	7.8	7.4	7.7	7.6

PCBs = Polychlorinated Biphenyls

Soil samples analyzed for Pesticides by EPA Method 8081.

Soil samples analyzed for Polychlorinated Biphenyls by EPA Method 8082.

NYSDEC Track 1 Unrestricted Use Soil Cleanup Objectives (SCOs)

values from 6 NYCRR Part 375-6.8 Table 375-6.8(a): Unrestricted Use SCOs

NS = No Standard

Exceedances in **bold.**

Table 10
Summary of Pesticides and PCBs in Post Excavation Soil Samples
Compared to Track 1 – Unrestricted Use

Sample ID Date Sampled Units	NYSDEC Track 1 Soil Cleanup Objectives µg/kg	B-5 9/24/2007 µg/kg	B-6 9/24/2007 µg/kg	B-7 9/25/2007 µg/kg	C-1-S 9/5/2007 µg/kg	C-2-S 9/5/2007 µg/kg	C-3-S 9/5/2007 µg/kg
Pesticides							
Aldrin	5	0.32	0.33	0.0051	0.33	0.34	0.35
alpha-BHC	20	0.27	0.27	0.0042	0.27	0.28	0.29
beta-BHC	36	0.31	0.32	0.005	0.32	0.33	0.34
delta-BHC	40	0.53	0.54	0.0085	0.55	0.56	0.58
gamma-BHC (Lindane)	NS	0.29	0.3	0.0046	0.3	0.31	0.32
Chlordane	94	9.4	9.6	0.15	9.6	9.9	10
Dieldrin	5	0.37	0.37	0.0058	0.37	0.39	0.4
4,4'-DDD	3.3	0.35	0.36	0.0055	0.36	0.37	0.38
4,4'-DDE	3.3	0.36	0.37	0.0057	0.37	0.38	40.9
4,4'-DDT	3.3	0.44	5.8	0.069	0.45	0.47	51.5
Endrin	14	0.36	0.37	0.0057	0.37	0.38	0.39
Endosulfan sulfate	2,400	0.39	0.4	0.0062	0.4	0.41	0.43
Endrin aldehyde	NS	0.34	0.35	0.0054	0.35	0.36	0.37
Endosulfan-I	2,400	0.39	0.4	0.0061	0.4	0.41	0.42
Endosulfan-II	2,400	0.38	0.39	0.0061	0.39	0.4	0.42
Heptachlor	42	0.38	0.38	0.006	0.39	0.4	0.41
Heptachlor epoxide	NS	0.4	0.41	0.0063	0.41	0.42	0.44
Methoxychlor	NS	0.48	0.49	0.0076	0.49	0.51	0.52
Toxaphene	NS	6.9	7	0.11	7.1	7.3	7.5
PCBs							
Aroclor 1016	NS	6.9	7	6.9	7	7.2	7.5
Aroclor 1221	100	22	22	22	22	23	24
Aroclor 1232	100	20	20	20	20	21	21
Aroclor 1242	100	12	12	12	12	12	13
Aroclor 1248	100	13	13	13	13	13	14
Aroclor 1254	100	17	17	17	18	18	19
Aroclor 1260	100	7.3	7.4	7.3	7.5	7.7	8

PCBs = Polychlorinated Biphenyls

Soil samples analyzed for Pesticides by EPA Method 8081.

Soil samples analyzed for Polychlorinated Biphenyls by EPA Method 8082.

NYSDEC Track 1 Unrestricted Use Soil Cleanup Objectives (SCOs)

values from 6 NYCRR Part 375-6.8 Table 375-6.8(a): Unrestricted Use SCOs

NS = No Standard

Exceedances in **bold.**

Table 10
Summary of Pesticides and PCBs in Post Excavation Soil Samples
Compared to Track 1 – Unrestricted Use

Sample ID Date Sampled Units	NYSDEC Track 1 Soil Cleanup Objectives µg/kg	C-4-S 9/5/2007 µg/kg	C-5 9/24/2007 µg/kg	C-6 9/25/2007 µg/kg	C-7 9/25/2007 µg/kg	D-1-S 9/5/2007 µg/kg	D-2-S 9/5/2007 µg/kg
Pesticides							
Aldrin	5	0.34	0.32	0.31	0.32	0.34	0.35
alpha-BHC	20	0.29	0.27	0.26	0.27	0.29	0.3
beta-BHC	36	0.34	0.31	0.31	0.31	0.34	0.35
delta-BHC	40	0.57	0.53	0.52	0.53	0.57	0.59
gamma-BHC (Lindane)	NS	0.31	0.29	0.29	0.29	0.31	0.32
Chlordane	94	10	9.4	9.2	9.3	10	10
Dieldrin	5	0.39	0.36	0.36	2.1	0.39	0.41
4,4'-DDD	3.3	0.37	0.35	0.34	0.35	0.38	0.39
4,4'-DDE	3.3	0.38	0.36	0.35	0.36	0.39	6.6
4,4'-DDT	3.3	8.9	12.1	16.1	12.7	2.5	9.8
Endrin	14	0.39	0.36	0.35	0.36	0.39	0.4
Endosulfan sulfate	2,400	0.42	0.39	0.39	0.39	0.42	0.44
Endrin aldehyde	NS	0.36	0.34	0.34	0.34	0.37	0.38
Endosulfan-I	2,400	0.41	0.39	0.38	0.38	0.42	0.43
Endosulfan-II	2,400	0.41	0.38	0.38	0.38	0.41	0.43
Heptachlor	42	0.4	0.38	0.37	0.37	0.41	0.42
Heptachlor epoxide	NS	0.43	0.4	0.39	0.4	0.43	0.44
Methoxychlor	NS	0.51	0.48	0.47	0.48	0.52	0.53
Toxaphene	NS	7.4	6.9	6.8	6.8	7.4	7.7
PCBs							
Aroclor 1016	NS	7.3	6.9	6.8	6.8	7.4	7.6
Aroclor 1221	100	23	22	21	22	23	24
Aroclor 1232	100	21	20	19	19	21	22
Aroclor 1242	100	12	11	11	11	12	13
Aroclor 1248	100	13	12	12	12	13	14
Aroclor 1254	100	18	17	17	154	18	19
Aroclor 1260	100	7.8	7.3	58.0	58.4	7.9	8.1

PCBs = Polychlorinated Biphenyls

Soil samples analyzed for Pesticides by EPA Method 8081.

Soil samples analyzed for Polychlorinated Biphenyls by EPA Method 8082.

NYSDEC Track 1 Unrestricted Use Soil Cleanup Objectives (SCOs)

values from 6 NYCRR Part 375-6.8 Table 375-6.8(a): Unrestricted Use SCOs

NS = No Standard

Exceedances in **bold.**

Table 10
Summary of Pesticides and PCBs in Post Excavation Soil Samples
Compared to Track 1 – Unrestricted Use

Sample ID Date Sampled Units	NYSDEC Track 1 Soil Cleanup Objectives µg/kg	D-3-S 9/5/2007 µg/kg	D-4-S 9/5/2007 µg/kg	D-5 9/24/2007 µg/kg	D6-S 10/5/2007 µg/kg	D-7 9/25/2007 µg/kg	E-1-S 9/11/2007 µg/kg
Pesticides							
Aldrin	5	0.33	0.34	0.34	0.32	0.31	0.34
alpha-BHC	20	0.28	0.28	0.28	0.27	0.26	0.28
beta-BHC	36	0.33	0.33	0.33	0.31	0.31	0.33
delta-BHC	40	0.55	0.56	0.57	0.53	0.52	0.56
gamma-BHC (Lindane)	NS	0.3	0.31	0.31	0.29	0.28	0.31
Chlordane	94	9.7	9.9	10	9.3	9.2	9.9
Dieldrin	5	0.38	0.38	0.39	0.36	2.3	0.39
4,4'-DDD	3.3	0.36	0.37	0.37	0.35	0.34	0.37
4,4'-DDE	3.3	0.37	0.38	0.38	2.0	0.35	0.38
4,4'-DDT	3.3	0.46	0.47	29.3	0.44	28.9	15.4
Endrin	14	0.37	0.38	0.38	0.36	0.35	0.38
Endosulfan sulfate	2,400	0.41	0.41	0.42	0.39	0.38	0.41
Endrin aldehyde	NS	0.35	0.36	0.36	0.34	0.33	0.36
Endosulfan-I	2,400	0.4	0.41	0.41	0.38	0.38	0.41
Endosulfan-II	2,400	0.4	0.4	0.41	0.38	0.37	0.4
Heptachlor	42	0.39	0.4	0.4	0.37	0.37	0.4
Heptachlor epoxide	NS	0.41	0.42	0.42	0.4	0.39	0.42
Methoxychlor	NS	0.5	0.51	0.51	0.48	0.47	0.51
Toxaphene	NS	7.1	7.3	7.3	6.8	6.7	7.3
PCBs							
Aroclor 1016	NS	7.1	7.2	7.3	6.8	6.7	7.2
Aroclor 1221	100	23	23	23	22	21	23
Aroclor 1232	100	20	21	21	20	19	21
Aroclor 1242	100	12	12	12	11	11	12
Aroclor 1248	100	13	13	13	12	12	13
Aroclor 1254	100	18	18	18	17	17	18
Aroclor 1260	100	7.6	7.7	7.7	7.2	49.2	7.7

PCBs = Polychlorinated Biphenyls

Soil samples analyzed for Pesticides by EPA Method 8081.

Soil samples analyzed for Polychlorinated Biphenyls by EPA Method 8082.

NYSDEC Track 1 Unrestricted Use Soil Cleanup Objectives (SCOs)

values from 6 NYCRR Part 375-6.8 Table 375-6.8(a): Unrestricted Use SCOs

NS = No Standard

Exceedances in **bold.**

Table 10
Summary of Pesticides and PCBs in Post Excavation Soil Samples
Compared to Track 1 – Unrestricted Use

Sample ID Date Sampled Units	NYSDEC Track 1 Soil Cleanup Objectives µg/kg	E-2-S 9/11/2007 µg/kg	E-3-S 9/11/2007 µg/kg	E-4-S 9/11/2007 µg/kg	E-5 10/15/2007 µg/kg	EF-6 10/15/2007 µg/kg	E-F-G5D 12/13/2007 µg/kg
Pesticides							
Aldrin	5	0.41	0.34	0.34	0.33	0.33	0.38
alpha-BHC	20	0.34	0.29	0.29	0.28	0.27	0.32
beta-BHC	36	0.4	0.34	0.34	0.33	0.32	0.38
delta-BHC	40	0.68	0.57	0.57	0.55	0.55	0.64
gamma-BHC (Lindane)	NS	0.37	0.31	0.31	0.3	0.3	0.35
Chlordane	94	12	10	10	9.7	9.6	11
Dieldrin	5	0.47	0.39	0.39	0.38	0.37	0.44
4,4'-DDD	3.3	0.45	0.38	0.37	0.36	0.36	0.42
4,4'-DDE	3.3	0.46	0.39	0.39	0.37	4.8	0.43
4,4'-DDT	3.3	0.57	0.48	0.48	0.46	20.8	0.53
Endrin	14	0.46	0.39	0.39	0.37	0.37	0.43
Endosulfan sulfate	2,400	0.5	0.42	0.42	0.41	0.4	0.47
Endrin aldehyde	NS	0.44	0.37	0.37	0.35	0.35	0.41
Endosulfan-I	2,400	0.5	0.42	0.42	0.4	0.4	0.46
Endosulfan-II	2,400	0.49	0.41	0.41	0.4	0.39	0.46
Heptachlor	42	0.48	0.41	0.4	0.39	0.39	0.45
Heptachlor epoxide	NS	0.51	0.43	0.43	0.41	0.41	0.48
Methoxychlor	NS	0.61	0.52	0.52	0.5	0.49	0.58
Toxaphene	NS	8.8	7.4	7.4	7.1	7.1	8.2
PCBs							
Aroclor 1016	NS	8.8	7.4	7.4	0.71	0.7	8.2
Aroclor 1221	100	28	23	23	2.3	2.2	26
Aroclor 1232	100	25	21	21	2	2	24
Aroclor 1242	100	15	12	12	1.2	1.2	14
Aroclor 1248	100	16	13	13	1.3	1.3	15
Aroclor 1254	100	22	18	18	1.8	1.8	20
Aroclor 1260	100	139	7.9	7.8	0.76	16.7	8.7

PCBs = Polychlorinated Biphenyls

Soil samples analyzed for Pesticides by EPA Method 8081.

Soil samples analyzed for Polychlorinated Biphenyls by EPA Method 8082.

NYSDEC Track 1 Unrestricted Use Soil Cleanup Objectives (SCOs)

values from 6 NYCRR Part 375-6.8 Table 375-6.8(a): Unrestricted Use SCOs

NS = No Standard

Exceedances in **bold.**

Table 10
Summary of Pesticides and PCBs in Post Excavation Soil Samples
Compared to Track 1 – Unrestricted Use

Sample ID Date Sampled Units	NYSDEC Track 1 Soil Cleanup Objectives µg/kg	F-1-S 9/11/2007 µg/kg	F-2-S 9/11/2007 µg/kg	F-3-S 9/11/2007 µg/kg	F-4-S 9/11/2007 µg/kg	F-5 10/15/2007 µg/kg	G-S-1 9/6/2007 µg/kg
Pesticides							
Aldrin	5	0.35	0.36	0.35	0.35	0.33	0.35
alpha-BHC	20	0.29	0.3	0.29	0.29	0.27	0.29
beta-BHC	36	0.34	0.35	0.34	0.34	0.32	0.34
delta-BHC	40	0.58	0.6	0.58	0.58	0.54	0.58
gamma-BHC (Lindane)	NS	0.32	0.33	0.32	0.32	0.3	0.32
Chlordane	94	10	10	10	10	9.6	10
Dieldrin	5	0.4	0.41	0.4	0.4	0.37	0.4
4,4'-DDD	3.3	0.38	0.39	0.38	0.38	0.36	0.38
4,4'-DDE	3.3	0.39	0.4	0.39	0.39	2.6	0.39
4,4'-DDT	3.3	10.1	0.49	0.48	0.49	16.0	0.48
Endrin	14	0.39	0.4	0.39	0.4	0.37	0.39
Endosulfan sulfate	2,400	0.43	0.44	0.43	0.43	0.4	0.43
Endrin aldehyde	NS	0.37	0.38	0.37	0.37	0.35	0.37
Endosulfan-I	2,400	0.42	0.43	0.42	0.42	0.4	0.42
Endosulfan-II	2,400	0.42	0.43	0.42	0.42	0.39	0.42
Heptachlor	42	0.41	0.42	0.41	0.41	0.38	0.41
Heptachlor epoxide	NS	0.43	0.45	0.44	0.44	0.41	0.43
Methoxychlor	NS	0.52	0.54	0.52	0.53	0.49	0.52
Toxaphene	NS	7.5	7.7	7.5	7.6	7	7.5
PCBs							
Aroclor 1016	NS	7.5	7.7	7.5	7.5	0.7	7.5
Aroclor 1221	100	24	24	24	24	2.2	24
Aroclor 1232	100	21	22	21	22	2	21
Aroclor 1242	100	12	13	13	13	1.2	12
Aroclor 1248	100	14	14	14	14	1.3	14
Aroclor 1254	100	19	19	19	19	1.7	19
Aroclor 1260	100	7.9	78.9	8	8	16.1	7.9

PCBs = Polychlorinated Biphenyls

Soil samples analyzed for Pesticides by EPA Method 8081.

Soil samples analyzed for Polychlorinated Biphenyls by EPA Method 8082.

NYSDEC Track 1 Unrestricted Use Soil Cleanup Objectives (SCOs)

values from 6 NYCRR Part 375-6.8 Table 375-6.8(a): Unrestricted Use SCOs

NS = No Standard

Exceedances in **bold.**

Table 10
Summary of Pesticides and PCBs in Post Excavation Soil Samples
Compared to Track 1 – Unrestricted Use

Sample ID Date Sampled Units	NYSDEC Track 1 Soil Cleanup Objectives µg/kg	G-S-2 9/6/2007 µg/kg	G-3-S 9/7/2007 µg/kg	G-4-S 9/7/2007 µg/kg	G-5 10/15/2007 µg/kg
Pesticides					
Aldrin	5	0.35	0.36	0.34	0.32
alpha-BHC	20	0.29	0.3	0.29	0.27
beta-BHC	36	0.34	0.35	0.34	0.32
delta-BHC	40	0.58	0.6	0.57	0.54
gamma-BHC (Lindane)	NS	0.32	0.33	0.31	0.3
Chlordane	94	10	10	10	9.5
Dieldrin	5	0.4	0.41	0.39	0.37
4,4'-DDD	3.3	0.38	0.39	0.37	0.35
4,4'-DDE	3.3	0.39	3.9	5.7	2.4
4,4'-DDT	3.3	0.48	6.7	54.2	15.5
Endrin	14	0.39	0.4	0.39	0.37
Endosulfan sulfate	2,400	0.43	0.44	14.9	0.4
Endrin aldehyde	NS	0.37	0.38	0.36	0.35
Endosulfan-I	2,400	0.42	0.43	0.41	0.39
Endosulfan-II	2,400	0.42	0.43	0.41	0.39
Heptachlor	42	0.41	0.42	0.4	0.38
Heptachlor epoxide	NS	0.43	0.45	0.43	0.41
Methoxychlor	NS	0.52	0.54	0.51	0.49
Toxaphene	NS	7.5	7.7	7.4	7
PCBs					
Aroclor 1016	NS	7.5	7.7	7.3	0.7
Aroclor 1221	100	24	24	23	2.2
Aroclor 1232	100	21	22	21	2
Aroclor 1242	100	12	13	12	1.2
Aroclor 1248	100	14	14	13	1.3
Aroclor 1254	100	19	19	18	1.7
Aroclor 1260	100	211	8.2	7.8	7.5

PCBs = Polychlorinated Biphenyls

Soil samples analyzed for Pesticides by EPA Method 8081.

Soil samples analyzed for Polychlorinated Biphenyls by EPA Method 8082.

NYSDEC Track 1 Unrestricted Use Soil Cleanup Objectives (SCOs)

values from 6 NYCRR Part 375-6.8 Table 375-6.8(a): Unrestricted Use SCOs

NS = No Standard

Exceedances in **bold.**

Table 11
Summary of Additional Parameters in Waste Characterization Soil Samples
Compared to Track 1 - Unrestricted Use

Sample ID Date Sampled	NYSDEC Track 1 Soil Cleanup Objectives	A-1-S 9/4/2007	A-2-S 9/4/2007	A-3-S 9/4/2007	A-4-S 9/4/2007	A5-S 10/5/2007	A6-S 10/5/2007	A7-S 10/5/2007
Additional Parameters								
Cyanide (mg/kg)	27	0.57	<0.23	<0.23	<0.23	0.5	<0.26	0.26
Chromium, Hexavalent (mg/kg)	1	6.9	<1.2	<1.2	<1.1	<1.1	<1.1	<1.1
pH (su)	--	8.38	7.99	9.42	9.15	8.68	9.16	9.26
Redox Potential Vs H2 (mv)	--	280	295	228	249	392	394	278
Solids, Percent %	--	89.4	86.8	86.7	88.3	87.5	82	88.5

NYSDEC Track 1 Unrestricted Use Soil Cleanup Objectives (SCOs)
values from 6 NYCRR Part 375-6.8 Table 375-6.8(a): Unrestricted Use SCOs
-- = No Standard
For explanation of qualifiers, see Table 12.
Exceedances in **bold.**

Table 11
Summary of Additional Parameters in Waste Characterization Soil Samples
Compared to Track 1 - Unrestricted Use

Sample ID Date Sampled	NYSDEC Track 1 Soil Cleanup Objectives	AS-6-7D 12/13/2007	A7-D 12/13/2007	B-1-S 9/4/2007	B-2-S 9/4/2007	B-3-S 9/4/2007	B-4-S 9/5/2007	B-5 9/24/2007
Additional Parameters								
Cyanide (mg/kg)	27	<0.24	<0.25	<0.23	<0.23	<0.23	<0.23	<0.25
Chromium, Hexavalent (mg/kg)	1	<1.2	<1.2	<1.2	<1.1	<1.2	<1.1	<1.1
pH (su)	--	8.55	8.1	7.44	7.85	7.75	8.17	7.62
Redox Potential Vs H2 (mv)	--	205	333	309	361	313	300	388
Solids, Percent %	--	83.6	83.2	86	89.6	86.8	87	90.3

NYSDEC Track 1 Unrestricted Use Soil Cleanup Objectives (SCOs)
values from 6 NYCRR Part 375-6.8 Table 375-6.8(a): Unrestricted Use SCOs
-- = No Standard
For explanation of qualifiers, see Table 12.
Exceedances in **bold.**

Table 11
Summary of Additional Parameters in Waste Characterization Soil Samples
Compared to Track 1 - Unrestricted Use

Sample ID Date Sampled	NYSDEC Track 1 Soil Cleanup Objectives	B-6 9/24/2007	B-7 9/25/2007	C-1-S 9/5/2007	C-2-S 9/5/2007	C-3-S 9/5/2007	C-4-S 9/5/2007	C-5 9/24/2007
Additional Parameters								
Cyanide (mg/kg)	27	<0.25	<0.23	0.34	<0.23	<0.24	0.32	<0.24
Chromium, Hexavalent (mg/kg)	1	<1.1	<1.1	<1.1	<1.2	<1.2	<1.2	<1.1
pH (su)	--	7.71	7.54	7.08	7.47	7.39	7.44	7.83
Redox Potential Vs H2 (mv)	--	383	392	372	276	297	312	366
Solids, Percent %	--	89.2	91.9	90	86.4	84	85.7	91.9

NYSDEC Track 1 Unrestricted Use Soil Cleanup Objectives (SCOs)
values from 6 NYCRR Part 375-6.8 Table 375-6.8(a): Unrestricted Use SCOs
-- = No Standard
For explanation of qualifiers, see Table 12.
Exceedances in **bold.**

Table 11
Summary of Additional Parameters in Waste Characterization Soil Samples
Compared to Track 1 - Unrestricted Use

Sample ID Date Sampled	NYSDEC Track 1 Soil Cleanup Objectives	C-6 9/25/2007	C-7 9/25/2007	D-1-S 9/5/2007	D-2-S 9/5/2007	D-3-S 9/5/2007	D-4-S 9/5/2007	D-5 9/24/2007
Additional Parameters								
Cyanide (mg/kg)	27	<0.24	<0.24	<0.24	<0.24	<0.23	0.3	<0.23
Chromium, Hexavalent (mg/kg)	1	<1.1	<1.1	<1.2	<1.2	<1.1	<1.2	<1.2
pH (su)	--	9.98	9.28	7.49	7.67	5.59	7.59	7.5
Redox Potential Vs H2 (mv)	--	290	320	321	361	332	362	386
Solids, Percent %	--	95.3	93.1	85.6	84	81.9	87.3	86.5

NYSDEC Track 1 Unrestricted Use Soil Cleanup Objectives (SCOs)
values from 6 NYCRR Part 375-6.8 Table 375-6.8(a): Unrestricted Use SCOs
-- = No Standard
For explanation of qualifiers, see Table 12.
Exceedances in **bold.**

Table 11
Summary of Additional Parameters in Waste Characterization Soil Samples
Compared to Track 1 - Unrestricted Use

Sample ID Date Sampled	NYSDEC Track 1 Soil Cleanup Objectives	D6-S 10/5/2007	D7-S 10/5/2007	E-1-S 9/11/2007	E-2-S 9/11/2007	E-3-S 9/11/2007	E-4-S 9/11/2007	E-5 10/15/2007
Additional Parameters								
Cyanide (mg/kg)	27	<0.26	<0.23	<0.26	0.81	0.25	0.63	<0.23
Chromium, Hexavalent (mg/kg)	1	<1.1	1.8	1.3	4.8	<1.2	<1.2	<1.1
pH (su)	--	10.32	8.22	7.86	7.86	8.03	7.55	7.83
Redox Potential Vs H2 (mv)	--	254	373	423	559	505	499	390
Solids, Percent %	--	90.5	94.6	85.8	72.1	85.6	84.9	90

NYSDEC Track 1 Unrestricted Use Soil Cleanup Objectives (SCOs)
values from 6 NYCRR Part 375-6.8 Table 375-6.8(a): Unrestricted Use SCOs
-- = No Standard
For explanation of qualifiers, see Table 12.
Exceedances in **bold.**

Table 11
Summary of Additional Parameters in Waste Characterization Soil Samples
Compared to Track 1 - Unrestricted Use

Sample ID Date Sampled	NYSDEC Track 1 Soil Cleanup Objectives	EF-6 10/15/2007	E-F-G5D 12/13/2007	F-1-S 9/11/2007	F-2-S 9/11/2007	F-3-S 9/11/2007	F-4-S 9/11/2007	F-5 10/15/2007
Additional Parameters								
Cyanide (mg/kg)	27	0.57	<0.31	<0.25	<0.25	1.1	0.28	<0.22
Chromium, Hexavalent (mg/kg)	1	<1.1	<1.3	2.4	2.4	<1.2	<1.2	<1.1
pH (su)	--	7.7	8.72	7.92	7.92	8.78	7.84	7.94
Redox Potential Vs H2 (mv)	--	548	212	483	483	440	433	397
Solids, Percent %	--	87	77.1	84	84.4	84.5	84.2	89

NYSDEC Track 1 Unrestricted Use Soil Cleanup Objectives (SCOs)
values from 6 NYCRR Part 375-6.8 Table 375-6.8(a): Unrestricted Use SCOs
-- = No Standard
For explanation of qualifiers, see Table 12.
Exceedances in **bold.**

Table 11
Summary of Additional Parameters in Waste Characterization Soil Samples
Compared to Track 1 - Unrestricted Use

Sample ID Date Sampled	NYSDEC Track 1 Soil Cleanup Objectives	G-S-1 9/6/2007	G-S-2 9/6/2007	G-3-S 9/7/2007	G-4-S 9/7/2007	G-5 10/15/2007
Additional Parameters						
Cyanide (mg/kg)	27	0.34	0.31	<0.27	0.25	1.2
Chromium, Hexavalent (mg/kg)	1	<1.2	<1.2	2.9	6.8	<1.1
pH (su)	--	8.29	8.13	7.89	7.79	8.13
Redox Potential Vs H2 (mv)	--	355	357	362	362	354
Solids, Percent %	--	83.7	83.4	81.5	85.2	87.6

NYSDEC Track 1 Unrestricted Use Soil Cleanup Objectives (SCOs)
values from 6 NYCRR Part 375-6.8 Table 375-6.8(a): Unrestricted Use SCOs
-- = No Standard
For explanation of qualifiers, see Table 12.
Exceedances in **bold.**

Table 12
Summary of Additional Parameters in Waste Characterization Soil Samples
Total Petroleum Hydrocarbons

Sample ID Date Sampled	NYSDEC Track 1 Soil Cleanup Objectives	A-1-SI 4-Sep-07	A-1-SII 4-Sep-07	A-1-SIII 4-Sep-07	A-1-SIV 4-Sep-07	A-1-SV 4-Sep-07	A-1-SVI 4-Sep-07
TPH-DRO	NS	239	225	147	195	61.4	367
TPH-GRO	NS	2.2	2.5	2.5	2.3	3.2	2.7

Sample ID Date Sampled	NYSDEC Track 1 Soil Cleanup Objectives	A-1-SVII 4-Sep-07	A-1-SVIII 4-Sep-07	A-2-SI 4-Sep-07	A-2-SII 4-Sep-07	A-2-SII 4-Sep-07	A-2-SIV 4-Sep-07
TPH-DRO	NS	43.6	296	63.7	56.1	13	138
TPH-GRO	NS	2.6	2.7	2.5	257	2.5	2.7

Sample ID Date Sampled	NYSDEC Track 1 Soil Cleanup Objectives	A-2-SV 4-Sep-07	A-2-SVI 4-Sep-07	A-2-SVII 4-Sep-07	A-2-SVIII 4-Sep-07	A-3-SI 4-Sep-07	A-3-SIII 4-Sep-07
TPH-DRO	NS	35.4	18.4	39	33.9	136	357
TPH-GRO	NS	2.4	2.4	2.4	2.4	2.5	13.6

Sample ID Date Sampled	NYSDEC Track 1 Soil Cleanup Objectives	A-3-SIV 4-Sep-07	A-3-SV 4-Sep-07	A-3-SVI 4-Sep-07	A-3-SVII 4-Sep-07	A-3-SVIII 4-Sep-07	A-4-SI 4-Sep-07
TPH-DRO	NS	51	200	121	91.3	167	14
TPH-GRO	NS	2.6	296	11.9	2.5	16.1	2.6

Sample ID Date Sampled	NYSDEC Track 1 Soil Cleanup Objectives	A-4-SII 4-Sep-07	A-4-SIII 4-Sep-07	A-4-SIV 4-Sep-07	A-4-SV 4-Sep-07	A-4-SVI 4-Sep-07	A-4-SVII 4-Sep-07
TPH-DRO	NS	13	13	22.8	38.4	263	13.4 J
TPH-GRO	NS	2.5	2.6	35.3	55.6	2.4	2.5

Sample ID Date Sampled	NYSDEC Track 1 Soil Cleanup Objectives	A-4-SVIII 4-Sep-07	B-1-SI 4-Sep-07	B-1-SII 4-Sep-07	B-1-SIII 4-Sep-07	B-1-SIV 4-Sep-07	B-1-SV 4-Sep-07
TPH-DRO	NS	140	34.6	13	35.2	13	13
TPH-GRO	NS	43.2	2.8	2.5	2.6	2.3	2.3

TPH-DRO = Total Petroleum Hydrocarbons (diesel range organics)
TPH-GRO = Total Petroleum Hydrocarbons (gasoline range organics)
NS = No Standard
NA = Not Analyzed

Table 12
Summary of Additional Parameters in Waste Characterization Soil Samples
Total Petroleum Hydrocarbons

Sample ID Date Sampled	NYSDEC Track 1 Soil Cleanup Objectives	B-1-SVI 4-Sep-07	B-1-SVII 4-Sep-07	B-1-SVIII 4-Sep-07	B-2-SI 4-Sep-07	B-2-SII 4-Sep-07	B-2-SIII 4-Sep-07
TPH-DRO	NS	16.8 J	47.8	23.2	15.3 J	25.1	13
TPH-GRO	NS	2.8	2.8	2.8	2.8	2.4	2.3

Sample ID Date Sampled	NYSDEC Track 1 Soil Cleanup Objectives	B-2-SIV 4-Sep-07	B-2-SV 4-Sep-07	B-2-SVI 4-Sep-07	B-2-SVII 4-Sep-07	B-2-SVIII 4-Sep-07	B-3-SI 4-Sep-07
TPH-DRO	NS	253	13	13	25.4	13	607
TPH-GRO	NS	2.4	2.3	2.4	2.5	2.4	3850

Sample ID Date Sampled	NYSDEC Track 1 Soil Cleanup Objectives	B-3-SII 4-Sep-07	B-3-SIII 4-Sep-07	B-3-SIV 4-Sep-07	B-3-SV 4-Sep-07	B-3-SVI 4-Sep-07	A-1-SVIII 4-Sep-07
TPH-DRO	NS	537	13.7 J	25.3	46.1	62.4	28.2
TPH-GRO	NS	4650	2.7	2.6	2.8	3.1	2.7

Sample ID Date Sampled	NYSDEC Track 1 Soil Cleanup Objectives	A-3-SII 4-Sep-07	B-4-SI 5-Sep-07	B-4-SII 5-Sep-07	B-4-SIII 5-Sep-07	B-4-SIV 5-Sep-07	B-4-SV 5-Sep-07
TPH-DRO	NS	93.3	25.3	13.1	275 J	14	115
TPH-GRO	NS	2.6	45.8	2.3	2.8	2.9	3

Sample ID Date Sampled	NYSDEC Track 1 Soil Cleanup Objectives	B-4-SVI 5-Sep-07	B-4-SVII 5-Sep-07	B-4-SVIII 5-Sep-07	C-1-SI 5-Sep-07	C-1-SII 5-Sep-07	C-1-SIII 5-Sep-07
TPH-DRO	NS	113	13	15.7	295 J	13	24.9
TPH-GRO	NS	2.8	2.2	2.7	2.5	3.1	2.5

Sample ID Date Sampled	NYSDEC Track 1 Soil Cleanup Objectives	C-1-SIV 5-Sep-07	C-1-SV 5-Sep-07	C-1-SVI 5-Sep-07	C-1-SVII 5-Sep-07	C-1-SVIII 5-Sep-07	C-2-SI 5-Sep-07
TPH-DRO	NS	13	12.6	29.1 J	26.5	13	419
TPH-GRO	NS	2.3	2.6	2.2	2.7	2.8	2.7

TPH-DRO = Total Petroleum Hydrocarbons (diesel range organics)
TPH-GRO = Total Petroleum Hydrocarbons (gasoline range organics)
NS = No Standard
NA = Not Analyzed

Table 12
Summary of Additional Parameters in Waste Characterization Soil Samples
Total Petroleum Hydrocarbons

Sample ID Date Sampled	NYSDEC Track 1 Soil Cleanup Objectives	C-2-SII 5-Sep-07	C-2-SIII 5-Sep-07	C-2-SIV 5-Sep-07	C-2-SV 5-Sep-07	C-2-SVI 5-Sep-07	C-2-SVII 5-Sep-07
TPH-DRO	NS	60.9	163	13	116	13	100
TPH-GRO	NS	2	3.1	2.9	2.6	2.7	2.8

Sample ID Date Sampled	NYSDEC Track 1 Soil Cleanup Objectives	C-2-SVIII 5-Sep-07	C-3-SI 5-Sep-07	C-3-SIII 5-Sep-07	C-3-SII 5-Sep-07	C-3-SIV 5-Sep-07	C-3-SV 5-Sep-07
TPH-DRO	NS	52.4	73	50	165	21.2	53.4
TPH-GRO	NS	2.4	2.8	2.8	2.6	2.7	3

Sample ID Date Sampled	NYSDEC Track 1 Soil Cleanup Objectives	C-3-SVI 5-Sep-07	C-3-SVII 5-Sep-07	C-3-SVIII 5-Sep-07	C-4-SI 5-Sep-07	C-4-SII 5-Sep-07	C-4-SIII 5-Sep-07
TPH-DRO	NS	14	24.3	13	523	173	12
TPH-GRO	NS	2.9	2.8	2.6	2.9	2.7	2.4

Sample ID Date Sampled	NYSDEC Track 1 Soil Cleanup Objectives	C-4-SIV 5-Sep-07	C-4-SV 5-Sep-07	C-4-SVI 5-Sep-07	C-4-SVII 5-Sep-07	C-4-SVIII 5-Sep-07	D-1-SI 5-Sep-07
TPH-DRO	NS	14	13	29.2	61.1	14	296
TPH-GRO	NS	2.4	2.8	2.7	2.6	2.3	2.7

Sample ID Date Sampled	NYSDEC Track 1 Soil Cleanup Objectives	D-1-SII 5-Sep-07	D-1-SIII 5-Sep-07	D-1-SIV 5-Sep-07	D-1-SV 5-Sep-07	D-1-SVI 5-Sep-07	D-1-SVIII 5-Sep-07
TPH-DRO	NS	52	37.7	12	37.7	12	12
TPH-GRO	NS	2.5	2.6	3.1	2.2	2.4	2.1

Sample ID Date Sampled	NYSDEC Track 1 Soil Cleanup Objectives	D-1-SVII 5-Sep-07	D-2-SI 5-Sep-07	D-2-SII 5-Sep-07	D-2-SIII 5-Sep-07	D-2-SIV 5-Sep-07	D-2-SV 5-Sep-07
TPH-DRO	NS	14	138	181	1.6	1.7	37.8
TPH-GRO	NS	3.1	3.1	3.2	3.1	3.3	2.8

TPH-DRO = Total Petroleum Hydrocarbons (diesel range organics)
TPH-GRO = Total Petroleum Hydrocarbons (gasoline range organics)
NS = No Standard
NA = Not Analyzed

Table 12
Summary of Additional Parameters in Waste Characterization Soil Samples
Total Petroleum Hydrocarbons

Sample ID Date Sampled	NYSDEC Track 1 Soil Cleanup Objectives	D-2-SVI 5-Sep-07	D-2-SVII 5-Sep-07	D-2-SVIII 5-Sep-07	D-3-SI 5-Sep-07	D-3-SII 5-Sep-07	D-3-SIII 5-Sep-07
TPH-DRO	NS	74.2	1.6	1.7	157	54.5	143
TPH-GRO	NS	3	3.2	3.1	2.6	3	2.5

Sample ID Date Sampled	NYSDEC Track 1 Soil Cleanup Objectives	D-3-SIV 5-Sep-07	D-3-SV 5-Sep-07	D-3-SVI 5-Sep-07	D-3-SVII 5-Sep-07	D-3-SVIII 5-Sep-07	D-4-SI 5-Sep-07
TPH-DRO	NS	83.8	13.7	12.1	21.8	77.5	232
TPH-GRO	NS	2.8	2.7	2.5	2.6	2.8	2.7

Sample ID Date Sampled	NYSDEC Track 1 Soil Cleanup Objectives	D-4-SII 5-Sep-07	D-4-SIII 5-Sep-07	D-4-SIV 5-Sep-07	D-4-SV 5-Sep-07	D-4-SVI 5-Sep-07	D-4-SVII 5-Sep-07
TPH-DRO	NS	283	19.4	1.6	11.6	1.7	1.5
TPH-GRO	NS	2.6	2.6	2.9	2.8	3.1	2.7

Sample ID Date Sampled	NYSDEC Track 1 Soil Cleanup Objectives	39,330 2	39,331 95	39,331 126	39,331 2	39,331 84	39,331 69
TPH-DRO	NS	2.5	2.8	2.8	2.7	2.9	3.1
TPH-GRO	NS						

Sample ID Date Sampled	NYSDEC Track 1 Soil Cleanup Objectives	G-S-1VI 6-Sep-07	G-S-1VII 6-Sep-07	G-S-1VIII 6-Sep-07	G-S-2I 6-Sep-07	G-S-2II 6-Sep-07	G-S-2III 6-Sep-07
TPH-DRO	NS	120	111	94.8	35.4	35	182
TPH-GRO	NS	2.7	2.9	2.6	3.2	2.8	3.3

Sample ID Date Sampled	NYSDEC Track 1 Soil Cleanup Objectives	G-S-2IV 6-Sep-07	G-S-2V 6-Sep-07	G-S-2VI 6-Sep-07	G-S-2VII 6-Sep-07	G-S-2VIII 6-Sep-07	G-3-SI 7-Sep-07
TPH-DRO	NS	104	20.8	39.9	39.1	65.7	53.5
TPH-GRO	NS	2.8	2.9	2.7	2.8	2.8	2.6

TPH-DRO = Total Petroleum Hydrocarbons (diesel range organics)
TPH-GRO = Total Petroleum Hydrocarbons (gasoline range organics)
NS = No Standard
NA = Not Analyzed

Table 12
Summary of Additional Parameters in Waste Characterization Soil Samples
Total Petroleum Hydrocarbons

Sample ID Date Sampled	NYSDEC Track 1 Soil Cleanup Objectives	G-3-SII 7-Sep-07	G-3-SIII 7-Sep-07	G-3-SIV 7-Sep-07	G-3-SV 7-Sep-07	G-3-SVI 7-Sep-07	G-3-SVII 7-Sep-07
TPH-DRO	NS	53.4	86.1	48.2	56.9	57	68.2
TPH-GRO	NS	2.7	3.1	2.8	3.5	3	3

Sample ID Date Sampled	NYSDEC Track 1 Soil Cleanup Objectives	G-3-SVIII 7-Sep-07	G-3-SI 7-Sep-07	G-3-SII 7-Sep-07	G-3-SIII 7-Sep-07	G-3-SIV 7-Sep-07	G-3-SV 7-Sep-07
TPH-DRO	NS	79.7	104	83.6	238	66.8	126
TPH-GRO	NS	3.2	2.7	2.9	2.6	2.9	2.6

Sample ID Date Sampled	NYSDEC Track 1 Soil Cleanup Objectives	G-3-SVI 7-Sep-07	G-3-SVII 7-Sep-07	G-3-SVIII 7-Sep-07	E-1-SI 11-Sep-07	E-1-S-II 11-Sep-07	E-1-SIII 11-Sep-07
TPH-DRO	NS	103	85.2	96.6	371	123	265
TPH-GRO	NS	2.9	2.8	2.6	3	2.7	2.7

Sample ID Date Sampled	NYSDEC Track 1 Soil Cleanup Objectives	39,336 29	39,336 2	39,336 14	39,336 94	39,336 84	39,336 114
TPH-DRO	NS	2.6	3	2.6	2.9	2.7	2.8
TPH-GRO	NS						

Sample ID Date Sampled	NYSDEC Track 1 Soil Cleanup Objectives	E-2-SII 11-Sep-07	E-2-SIII 11-Sep-07	E-2-SIV 11-Sep-07	E-2-SV 11-Sep-07	E-2-SVI 11-Sep-07	E-2-SVII 11-Sep-07
TPH-DRO	NS	333	692	559	136	524	2740
TPH-GRO	NS	2.8	2.8	2.9	2.7	3.1	3.3

Sample ID Date Sampled	NYSDEC Track 1 Soil Cleanup Objectives	E-2-SVIII 11-Sep-07	E-3SI 11-Sep-07	E-3-SII 11-Sep-07	E-3-SIII 11-Sep-07	E-3-SIV 11-Sep-07
TPH-DRO	NS	811	25.4	119	21.6	81.6
TPH-GRO	NS	2.8	2.3	2.6	2.7	2.3

TPH-DRO = Total Petroleum Hydrocarbons (diesel range organics)
TPH-GRO = Total Petroleum Hydrocarbons (gasoline range organics)
NS = No Standard
NA = Not Analyzed

Table 12
Summary of Additional Parameters in Waste Characterization Soil Samples
Total Petroleum Hydrocarbons

Sample ID Date Sampled	NYSDEC Track 1 Soil Cleanup Objectives	E-3-SV 11-Sep-07	E-3-SVI 11-Sep-07	E-3-SVII 11-Sep-07	E-3-SVIII 11-Sep-07	E-4-SI 11-Sep-07	E-4-SII 11-Sep-07
TPH-DRO	NS	19.8	77.5	1.6	15.9	35	215
TPH-GRO	NS	2.4	2.4	2.9	2.7	2.8	2.9

Sample ID Date Sampled	NYSDEC Track 1 Soil Cleanup Objectives	E-4-SIII 11-Sep-07	E-4-SIV 11-Sep-07	E-4-SV 11-Sep-07	E-4-SVI 11-Sep-07	E-4-SVII 11-Sep-07	E-4-SVIII 11-Sep-07
TPH-DRO	NS	127	114	189	59.1	332	1.6
TPH-GRO	NS	2.8	2.8	2.7	2.8	2.6	2.8

Sample ID Date Sampled	NYSDEC Track 1 Soil Cleanup Objectives	F-1-SI 11-Sep-07	F-1-SII 11-Sep-07	F-1-SIII 11-Sep-07	F-1-SIV 11-Sep-07	F-1-SV 11-Sep-07	F-1-SVI 11-Sep-07
TPH-DRO	NS	123	122	57.4	66	85.8	178
TPH-GRO	NS	2.9	2.7	2.6	2.8	2.9	2.6

Sample ID Date Sampled	NYSDEC Track 1 Soil Cleanup Objectives	F-1-SVII 11-Sep-07	F-1-SVIII 11-Sep-07	F-2-SI 11-Sep-07	F-2-SII 11-Sep-07	F-2-SIII 11-Sep-07	F-2-SIV 11-Sep-07
TPH-DRO	NS	64.5	121	602	55.7	301	194
TPH-GRO	NS	2.5	2.8	2.8	2.8	2.9	2.5

Sample ID Date Sampled	NYSDEC Track 1 Soil Cleanup Objectives	F-2-SV 11-Sep-07	F-2-SVI 11-Sep-07	F-2-SVII 11-Sep-07	F-2-SVIII 11-Sep-07	F-3-SI 11-Sep-07	F-3-SII 11-Sep-07
TPH-DRO	NS	271	74.9	637	281	65	153
TPH-GRO	NS	2.7	3.1	2.9	2.7	2.8	2.7

Sample ID Date Sampled	NYSDEC Track 1 Soil Cleanup Objectives	F-3-SIII 11-Sep-07	F-3-SIV 11-Sep-07	F-3-SV 11-Sep-07	F-3-SVI 11-Sep-07	F-3-SVII 11-Sep-07	F-3-SVIII 11-Sep-07
TPH-DRO	NS	49.2	55.8	112	56.3	84.6	95.6
TPH-GRO	NS	2.6	2.5	2.4	2.4	2.7	2.5

TPH-DRO = Total Petroleum Hydrocarbons (diesel range organics)
TPH-GRO = Total Petroleum Hydrocarbons (gasoline range organics)
NS = No Standard
NA = Not Analyzed

Table 12
Summary of Additional Parameters in Waste Characterization Soil Samples
Total Petroleum Hydrocarbons

Table 12
Summary of Additional Parameters in Waste Characterization Soil Samples
Total Petroleum Hydrocarbons

Sample ID Date Sampled	NYSDEC Track 1 Soil Cleanup Objectives	F-4-SI 11-Sep-07	F-4-SII 11-Sep-07	F-4-SIII 11-Sep-07	F-4-SIV 11-Sep-07	F-4-SV 11-Sep-07	F-4-SVI 11-Sep-07
TPH-DRO	NS	38.5	15100	56.2	107	ND	58.6
TPH-GRO	NS	2.3	2.5	2.7	2.4	3	3

Sample ID Date Sampled	NYSDEC Track 1 Soil Cleanup Objectives	F-4-SVII 11-Sep-07	F-4-SVIII 11-Sep-07	B-6I 24-Sep-07	B-6II 24-Sep-07	B-6III 24-Sep-07	B-6IV 24-Sep-07
TPH-DRO	NS	14.6	15.9	1.5	1.5	67.8	1.5
TPH-GRO	NS	2.5	3	2.6	2.6	2.7	2.8

Sample ID Date Sampled	NYSDEC Track 1 Soil Cleanup Objectives	B-6V 24-Sep-07	B-6VI 24-Sep-07	B-6VII 24-Sep-07	B-6VIII 24-Sep-07	B-5I 24-Sep-07	B-5II 24-Sep-07
TPH-DRO	NS	1.4	1.5	1.5	1.5	1.5	1.5
TPH-GRO	NS	2.6	2.5	2.7	2.6	2.6	2.7

Sample ID Date Sampled	NYSDEC Track 1 Soil Cleanup Objectives	B-5III 24-Sep-07	B-5IV 24-Sep-07	B-5V 24-Sep-07	B-5VI 24-Sep-07	B-5VIII 24-Sep-07	B-5VII 24-Sep-07
TPH-DRO	NS	1.5	1.5	75.7	1.5	1.5	117
TPH-GRO	NS	2.8	2.8	2.7	2.8	2.7	2.6

Sample ID Date Sampled	NYSDEC Track 1 Soil Cleanup Objectives	C-5I 24-Sep-07	C-5II 24-Sep-07	C-5III 24-Sep-07	C-5IV 24-Sep-07	C-5V 24-Sep-07	C-5VI 24-Sep-07
TPH-DRO	NS	69.5	12.2	29.9	10.8	1.5	20.6
TPH-GRO	NS	2.5	2.8	3.7	2.6	2.5	2.5

Sample ID Date Sampled	NYSDEC Track 1 Soil Cleanup Objectives	C-5VII 24-Sep-07	C-5VIII 24-Sep-07	D-5I 24-Sep-07	D-5II 24-Sep-07	D-5III 24-Sep-07	D-5IV 24-Sep-07
TPH-DRO	NS	16.8	14.7	142	110	39.4	27
TPH-GRO	NS	2.5	2.6	2.6	2.6	2.7	2.6

TPH-DRO = Total Petroleum Hydrocarbons (diesel range organics)
TPH-GRO = Total Petroleum Hydrocarbons (gasoline range organics)
NS = No Standard
NA = Not Analyzed

Table 12
Summary of Additional Parameters in Waste Characterization Soil Samples
Total Petroleum Hydrocarbons

Sample ID Date Sampled	NYSDEC Track 1 Soil Cleanup Objectives	D-5V 24-Sep-07	D-5VI 24-Sep-07	D-5VII 24-Sep-07	D-5VIII 24-Sep-07	C-6I 25-Sep-07	C-6II 25-Sep-07
TPH-DRO	NS	74.2	91.4	105	35.3	592	440
TPH-GRO	NS	2.7	2.7	2.6	3.3	2.4	2.2

Sample ID Date Sampled	NYSDEC Track 1 Soil Cleanup Objectives	C-6III 25-Sep-07	C-6IV 25-Sep-07	C-6V 25-Sep-07	C-6VI 25-Sep-07	C-6VII 25-Sep-07	C-6VIII 25-Sep-07
TPH-DRO	NS	387	386	399	493	348	331
TPH-GRO	NS	2.2	2.3	2.3	2.3	2.3	2.2

Sample ID Date Sampled	NYSDEC Track 1 Soil Cleanup Objectives	C-7I 25-Sep-07	C-7II 25-Sep-07	C-7III 25-Sep-07	C-7IV 25-Sep-07	C-7V 25-Sep-07	C-7VI 25-Sep-07
TPH-DRO	NS	286	214	270	247	298	269
TPH-GRO	NS	2.4	2.4	2.3	2.3	2.4	2.3

Sample ID Date Sampled	NYSDEC Track 1 Soil Cleanup Objectives	C-7VII 25-Sep-07	C-7VIII 25-Sep-07	B-7I 25-Sep-07	B-7II 25-Sep-07	B-7III 25-Sep-07	B-7IV 25-Sep-07
TPH-DRO	NS	360	346	14.9	20.3	72.5	30.3
TPH-GRO	NS	2.4	2.3	2.5	2.5	2.3	2.5

Sample ID Date Sampled	NYSDEC Track 1 Soil Cleanup Objectives	B-7V 25-Sep-07	D-7VIII 25-Sep-07	B-7VI 25-Sep-07	B-7VII 25-Sep-07	B-7VIII 25-Sep-07	D-7I 25-Sep-07
TPH-DRO	NS	24.5	99.4	41.8	85.9	57.2	429
TPH-GRO	NS	2.5	2.4	2.6	2.5	2.5	2.3

Sample ID Date Sampled	NYSDEC Track 1 Soil Cleanup Objectives	D-7II 25-Sep-07	D-7III 25-Sep-07	D-7IV 25-Sep-07	D-7V 25-Sep-07	D-7VI 25-Sep-07	D-7VII 25-Sep-07
TPH-DRO	NS	390	205	289	120	55	328
TPH-GRO	NS	2.3	2.4	2.4	2.4	2.3	2.3

TPH-DRO = Total Petroleum Hydrocarbons (diesel range organics)
TPH-GRO = Total Petroleum Hydrocarbons (gasoline range organics)
NS = No Standard
NA = Not Analyzed

Table 12
Summary of Additional Parameters in Waste Characterization Soil Samples
Total Petroleum Hydrocarbons

Sample ID Date Sampled	NYSDEC Track 1 Soil Cleanup Objectives	D6-S I 5-Oct-07	D6-S II 5-Oct-07	D6-S III 5-Oct-07	D6-S IV 5-Oct-07	D6-S V 5-Oct-07	D6-S VI 5-Oct-07
TPH-DRO	NS	689	354	376	399	556	122
TPH-GRO	NS	2.4	2.3	2.4	2.4	2.5	2.5

Sample ID Date Sampled	NYSDEC Track 1 Soil Cleanup Objectives	D6-S VII 5-Oct-07	D6-S VIII 5-Oct-07	A5-S I 5-Oct-07	A5-S II 5-Oct-07	A5-S III 5-Oct-07	A5-S IV 5-Oct-07
TPH-DRO	NS	98.2	127	33.8	1250	1000	2080
TPH-GRO	NS	2.6	2.5	2.5	2.6	2.6	2.5

Sample ID Date Sampled	NYSDEC Track 1 Soil Cleanup Objectives	A5-S V 5-Oct-07	A5-S VI 5-Oct-07	A5-S VII 5-Oct-07	A5-S VIII 5-Oct-07	A6-S I 5-Oct-07	A6-S II 5-Oct-07
TPH-DRO	NS	1800	1320	1030	547	127	139
TPH-GRO	NS	2.6	2.5	2.6	2.7	2.9	2.6

Sample ID Date Sampled	NYSDEC Track 1 Soil Cleanup Objectives	A6-S III 5-Oct-07	A6-S IV 5-Oct-07	A6-S V 5-Oct-07	A6-S VI 5-Oct-07	A6-S VII 5-Oct-07	A6-S VIII 5-Oct-07
TPH-DRO	NS	469	1590	336	263	141	253
TPH-GRO	NS	2.6	2.6	2.5	2.4	2.5	2.3

Sample ID Date Sampled	NYSDEC Track 1 Soil Cleanup Objectives	A7-S I 5-Oct-07	A7-S II 5-Oct-07	A7-S III 5-Oct-07	A7-S IV 5-Oct-07	A7-S V 5-Oct-07	A7-S VI 5-Oct-07
TPH-DRO	NS	240	248	216	250	216	320
TPH-GRO	NS	2.5	2.6	2.5	2.5	2.5	2.6

Sample ID Date Sampled	NYSDEC Track 1 Soil Cleanup Objectives	A7-S VII 5-Oct-07	A7-S VIII 5-Oct-07	EF-6I 15-Oct-07	EF-6II 15-Oct-07	EF-6III 15-Oct-07	EF-6IV 15-Oct-07
TPH-DRO	NS	218	245	735	169	296	67.3
TPH-GRO	NS	2.5	2.5	2.5	2.5	2.6	2.5

TPH-DRO = Total Petroleum Hydrocarbons (diesel range organics)
TPH-GRO = Total Petroleum Hydrocarbons (gasoline range organics)
NS = No Standard
N/A = Not Analyzed

Table 12
Summary of Additional Parameters in Waste Characterization Soil Samples
Total Petroleum Hydrocarbons

Sample ID Date Sampled	NYSDEC Track 1 Soil Cleanup Objectives	EF-6V 15-Oct-07	EF-6VI 15-Oct-07	EF-6VIII 15-Oct-07	E-5I 15-Oct-07	E-5III 15-Oct-07	E-5IV 15-Oct-07
TPH-DRO	NS	56	115	117	163	ND	185
TPH-GRO	NS	2.4	2.3	2.5	2.5	2.2	2.6

Sample ID Date Sampled	NYSDEC Track 1 Soil Cleanup Objectives	E-5V 15-Oct-07	E-5VI 15-Oct-07	E-5VII 15-Oct-07	E-5VIII 15-Oct-07	F-5I 15-Oct-07	F-5III 15-Oct-07
TPH-DRO	NS	1.5	14	1.5	15.4	468	242
TPH-GRO	NS	2.5	2.7	2.7	2.8	2.5	2.5

Sample ID Date Sampled	NYSDEC Track 1 Soil Cleanup Objectives	F-5IV 15-Oct-07	F-5V 15-Oct-07	F-5VI 15-Oct-07	F-5VII 15-Oct-07	F-5VIII 15-Oct-07	G-5I 15-Oct-07
TPH-DRO	NS	103	136	89.8	113	84.4	61.4
TPH-GRO	NS	2.6	2.5	2.4	2.6	2.7	2.6

Sample ID Date Sampled	NYSDEC Track 1 Soil Cleanup Objectives	G-5II 15-Oct-07	G-5III 15-Oct-07	G-5V 15-Oct-07	G-5VI 15-Oct-07	G-5VII 15-Oct-07	G-5VIII 15-Oct-07
TPH-DRO	NS	156	85.3	131	80.1	72.3	112
TPH-GRO	NS	2.5	2.4	2.5	2.6	2.3	2.4

Sample ID Date Sampled	NYSDEC Track 1 Soil Cleanup Objectives	AS-6-7D I 13-Dec-07	AS-6-7D II 13-Dec-07	E-F-G5D I 13-Dec-07	E-F-G5D II 13-Dec-07	AS-6-7D III 13-Dec-07	AS-6-7D IV 13-Dec-07
TPH-DRO	NS	554	1270	45.6	28.1	339	459
TPH-GRO	NS	NA	NA	NA	NA	NA	NA

Sample ID Date Sampled	NYSDEC Track 1 Soil Cleanup Objectives	AS-6-7D V 13-Dec-07	AS-6-7D VI 13-Dec-07	AS-6-7D VII 13-Dec-07	AS-6-7D VIII 13-Dec-07	AS-6-7D IX 13-Dec-07	AS-6-7D X 13-Dec-07
TPH-DRO	NS	432	99.2	570	253	115	2.4
TPH-GRO	NS	NA	NA	NA	NA	NA	NA

TPH-DRO = Total Petroleum Hydrocarbons (diesel range organics)
TPH-GRO = Total Petroleum Hydrocarbons (gasoline range organics)
NS = No Standard
NA = Not Analyzed

Table 12
Summary of Additional Parameters in Waste Characterization Soil Samples
Total Petroleum Hydrocarbons

Sample ID Date Sampled	NYSDEC Track 1 Soil Cleanup Objectives	E-F-G5D III 13-Dec-07	E-F-G5D IV 13-Dec-07	E-F-G5D V 13-Dec-07	E-F-G5D VI 13-Dec-07	E-F-G5D VII 13-Dec-07	E-F-G5D VII1 13-Dec-07
TPH-DRO	NS	30.2	76.8	14.6	17.8	29.2	15
TPH-GRO	NS	NA	NA	NA	NA	NA	NA

Sample ID Date Sampled	NYSDEC Track 1 Soil Cleanup Objectives	E-F-G5D IX 13-Dec-07	E-F-G5D X 13-Dec-07
TPH-DRO	NS	190	65.2
TPH-GRO	NS	NA	NA

TPH-DRO = Total Petroleum Hydrocarbons (diesel range organics)
TPH-GRO = Total Petroleum Hydrocarbons (gasoline range organics)
NS = No Standard
NA = Not Analyzed

Table 13
Summary of Exceedances of Volatile Organic Compounds for Structural Soil Samples
Compared to Track 1 - Unrestricted Use
Area A
West 34th Street and 11th Avenue
New York, NY
BCP # C231049

Client ID Lab Sample ID Date Sampled	NY Soil Cleanup Unrestricted Use	BHW NW J80262-1 12/28/2007			BHW SW J80262-2 12/28/2007			PIER B7 J80261-1 12/28/2007			TB J80262-3 12/28/2007			TB J80261-2 12/28/2007		
		Result	Q_1	Q_2	Result	Q_1	Q_2	Result	Q_1	Q_2	Result	Q_1	Q_2	Result	Q_1	Q_2
Volatiles (ppb)																
Acetone	50	5.5	U		4.7	U		5.3	U		2.9	U		2.9	U	
Benzene	60	0.98	U		0.84	U		0.94	U		0.19	U		0.19	U	
Bromodichloromethane	NS	0.34	U		0.29	U		0.32	U		0.15	U		0.15	U	
Bromoform	NS	1.1	U		0.95	U		1.1	U		0.34	U		0.34	U	
Bromomethane	NS	0.66	U		0.56	U		0.63	U		0.38	U		0.38	U	
2-Butanone (MEK)	120	3.8	U		3.3	U		3.6	U		2.7	U		2.7	U	
n-Butylbenzene	12000	0.34	U		0.29	U		0.33	U		0.56	U		0.56	U	
sec-Butylbenzene	11000	0.43	U		0.37	U		0.41	U		0.65	U		0.65	U	
tert-Butylbenzene	5900	0.54	U		0.46	U		0.52	U		0.20	U		0.20	U	
Carbon disulfide	NS	0.39	U		0.34	U		0.38	U		0.14	U		0.14	U	
Carbon tetrachloride	760	0.34	U		0.29	U		0.32	U		0.19	U		0.19	U	
Chlorobenzene	1100	0.75	U		0.65	U		0.72	U		0.19	U		0.19	U	
Chloroethane	NS	0.70	U		0.60	U		0.67	U		0.67	U		0.67	U	
Chloroform	370	0.54	U		0.46	U		0.51	U		0.25	U		0.25	U	
Chloromethane	NS	0.71	U		0.61	U		0.68	U		0.30	U		0.30	U	
Dibromochloromethane	NS	0.28	U		0.24	U		0.27	U		0.28	U		0.28	U	
1,1-Dichloroethane	270	0.93	U		0.80	U		0.89	U		0.20	U		0.20	U	
1,2-Dichloroethane	20	0.32	U		0.27	U		0.31	U		0.29	U		0.29	U	
1,1-Dichloroethene	330	0.63	U		0.54	U		0.60	U		0.28	U		0.28	U	
cis-1,2-Dichloroethene	250	0.26	U		0.22	U		0.25	U		0.27	U		0.27	U	
trans-1,2-Dichloroethene	190	0.75	U		0.64	U		0.71	U		0.32	U		0.32	U	
1,2-Dichloroethene (total)	NS	0.26	U		0.22	U		0.25	U		0.27	U		0.27	U	
1,2-Dichloropropane	NS	0.56	U		0.48	U		0.53	U		0.24	U		0.24	U	
cis-1,3-Dichloropropene	NS	0.68	U		0.58	U		0.65	U		0.13	U		0.13	U	
trans-1,3-Dichloropropene	NS	1.1	U		0.93	U		1.0	U		0.17	U		0.17	U	
1,4-Dioxane	100	51	U		44	U		49	U		47	U		47	U	
Ethylbenzene	1000	0.65	U		0.56	U		0.62	U		0.21	U		0.21	U	
2-Hexanone	NS	2.3	U		2.0	U		2.2	U		0.94	U		0.94	U	
Methyl Tert Butyl Ether	930	0.85	U		0.73	U		0.81	U		0.20	U		0.20	U	
4-Methyl-2-pentanone(MIBK)	NS	2.7	U		2.3	U		2.6	U		1.4	U		1.4	U	
Methylene chloride	50	0.64	U		0.54	U		0.61	U		0.21	U		0.21	U	
n-Propylbenzene	3900	0.39	U		0.34	U		0.38	U		0.74	U		0.74	U	
Styrene	NS	0.31	U		0.26	U		0.29	U		0.20	U		0.20	U	
1,1,2,2-Tetrachloroethane	NS	0.40	U		0.34	U		0.38	U		0.80	U		0.80	U	
Tetrachloroethene	1300	0.45	U		0.39	U		0.43	U		0.28	U		0.28	U	
Toluene	700	0.57	U		0.49	U		0.54	U		0.21	U		0.21	U	
1,1,1-Trichloroethane	680	0.51	U		0.44	U		0.49	U		0.30	U		0.30	U	
1,1,2-Trichloroethane	NS	0.40	U		0.34	U		0.38	U		0.49	U		0.49	U	
Trichloroethene	470	0.44	U		0.38	U		0.42	U		0.26	U		0.26	U	
1,2,4-Trimethylbenzene	3600	0.41	U		0.35	U		0.39	U		1.5	U		1.5	U	
1,3,5-Trimethylbenzene	8400	0.36	U		0.31	U		0.35	U		1.2	U		1.2	U	
Vinyl chloride	20	0.75	U		0.64	U		0.72	U		0.22	U		0.22	U	
Xylene (total)	260	0.35	U		0.30	U		0.33	U		0.20	U		0.20	U	
Total VOCs		0.0			0.0			0.0			0.0			0.0		

Notes:
VOCs = Volatile Organic Compounds
Soil samples analyzed for VOCs by EPA Method 8260.
Units in (ppb) = parts per billion (µg/kg)
Q_1 = Lab qualifier from Accutest Laboratories
U - Below Dectection Limit
J - Estimated value detected above qualitative method detection limit (MDL)
& below the quantitative reporting detection limit (RDL).
Q_2 = Lab qualifier from Chemworld Environmental, Inc.
For explanation of Q_2 qualifiers, see Table 8
NYSDEC Track 1 Unrestricted Use Soil Cleanup Objectives (SCOs)
values from 6 New York City Rules and Regulations (NYCRR)
Part 375-6.8 Table 375-6.8(a): Unrestricted Use SCOs
NS = No Standard
NA = Not analyzed
Exceedances in **bold.**

Table 14
Summary of Exceedances of SVOCs for Structural Soil Samples
Compared to Track 1 - Unrestricted Use
Area A
West 34th Street and 11th Avenue
New York, NY
BCP # C231049

Client ID Lab Sample ID Date Sampled	NY Soil Cleanup Unrestricted Use	BHW NW J80262-1 12/28/2007			BHW SW J80262-2 12/28/2007			PIER B7 J80261-1 12/28/2007		
		Result	Q_1	Q_2	Result	Q_1	Q_2	Result	Q_1	Q_2
Semi-volatiles (ppb)										
2-Chlorophenol	NS	24	U		24	U		25	U	
4-Chloro-3-methyl phenol	NS	51	U		51	U		54	U	
2,4-Dichlorophenol	NS	39	U		39	U		41	U	
2,4-Dimethylphenol	NS	46	U		46	U		48	U	
2,4-Dinitrophenol	NS	42	U		41	U		43	U	
4,6-Dinitro-o-cresol	NS	69	U		68	U		72	U	
2-Methylphenol	330	37	U		36	U		38	U	
3&4-Methylphenol	NS	47	U		46	U		49	U	
2-Nitrophenol	NS	44	U		43	U		46	U	
4-Nitrophenol	NS	67	U		66	U		69	U	UJ
Pentachlorophenol	800	40	U		39	U		41	U	
Phenol	330	35	U		35	U		37	U	
2,4,5-Trichlorophenol	NS	72	U		71	U		75	U	
2,4,6-Trichlorophenol	NS	76	U		76	U		80	U	
Acenaphthene	20000	12	U		12	U		13	U	
Acenaphthylene	100000	7.7	U		7.6	U		8.0	U	
Anthracene	100000	35	U		34	U		36	U	
Benzo(a)anthracene	1000	7.8	U		7.7	U		8.1	U	
Benzo(a)pyrene	1000	19	U		18	U		19	U	
Benzo(b)fluoranthene	1000	12	U		12	U		13	U	
Benzo(g,h,i)perylene	100000	15	U		15	U		16	U	
Benzo(k)fluoranthene	800	16	U		16	U		17	U	
4-Bromophenyl phenyl ether	NS	17	U		16	U		17	U	
Butyl benzyl phthalate	NS	14	U		14	U		14	U	
2-Chloronaphthalene	NS	11	U		11	U		12	U	
4-Chloroaniline	NS	14	U		14	U		14	U	
Carbazole	NS	13	U		13	U		13	U	
Chrysene	1000	15	U		15	U		16	U	
bis(2-Chloroethoxy)methane	NS	15	U		15	U		15	U	
bis(2-Chloroethyl)ether	NS	17	U		17	U		18	U	
bis(2-Chloroisopropyl)ether	NS	22	U		22	U		23	U	
4-Chlorophenyl phenyl ether	NS	11	U		11	U		11	U	
1,2-Dichlorobenzene	1100	13	U		13	U		13	U	
1,3-Dichlorobenzene	2400	11	U		11	U		12	U	
1,4-Dichlorobenzene	1800	10	U		10	U		11	U	
2,4-Dinitrotoluene	NS	12	U		12	U		13	U	
2,6-Dinitrotoluene	NS	15	U		15	U		16	U	
3,3'-Dichlorobenzidine	NS	27	U		27	U		28	U	
Dibenzo(a,h)anthracene	330	9.7	U		9.6	U		10	U	
Dibenzofuran	7000	7.4	U		7.4	U		7.8	U	
Di-n-butyl phthalate	NS	11	U		10	U		11	U	
Di-n-octyl phthalate	NS	15	U		15	U		16	U	
Diethyl phthalate	NS	13	U		13	U		14	U	
Dimethyl phthalate	NS	10	U		10	U		11	U	
bis(2-Ethylhexyl)phthalate	NS	23	U		23	U		24	U	
Fluoranthene	100000	7.0	U		7.0	U		7.3	U	
Fluorene	30000	7.6	U		7.6	U		8.0	U	
Hexachlorobenzene	330	18	U		18	U		19	U	
Hexachlorobutadiene	NS	18	U		17	U		18	U	
Hexachlorocyclopentadiene	NS	18	U		17	U		18	U	
Hexachloroethane	NS	16	U		16	U		16	U	
Indeno(1,2,3-cd)pyrene	500	35	U		35	U		37	U	
Isophorone	NS	12	U		12	U		13	U	
2-Methylnaphthalene	NS	34	U		34	U		35	U	
2-Nitroaniline	NS	24	U		24	U		25	U	
3-Nitroaniline	NS	25	U		25	U		26	U	
4-Nitroaniline	NS	22	U		21	U		23	U	
Naphthalene	12000	8.5	U		8.5	U		8.9	U	
Nitrobenzene	NS	13	U		13	U		13	U	
N-Nitroso-di-n-propylamine	NS	13	U		13	U		13	U	
N-Nitrosodiphenylamine	NS	8.3	U		8.2	U		8.7	U	
Phenanthrene	100000	9.4	U		9.4	U		9.8	U	
Pyrene	100000	13	U		13	U		14	U	
1,2,4-Trichlorobenzene	NS	12	U		12	U		12	U	
Total SVOCs		0.0			0.0			0.0		

Notes:
SVOCs = Semi-Volatile Organic Compounds
Soil samples analyzed for SVOCs by EPA Method 8270.
Units in (ppb) = parts per billion (µg/kg)
Q_1 = Lab qualifier from Accutest Laboratories
U - Below Dectection Limit
J - Estimated value detected above qualitative method detection limit (MDL)
& below the quantitative reporting detection limit (RDL).
Q_2 = Lab qualifier from Chemworld Environmental, Inc.
For explanation of Q_2 qualifiers, see Table 8
NYSDEC Track 1 Unrestricted Use Soil Cleanup Objectives (SCOs)
values from 6 New York City Rules and Regulations (NYCRR)
Part 375-6.8 Table 375-6.8(a): Unrestricted Use SCOs
NS = No Standard
NA = Not analyzed
Exceedances in **bold.**

Table 15
Summary of Exceedances of Metals for Structural Soil Samples
Compared to Track 1 - Unrestricted Use
Area A
West 34th Street and 11th Avenue
New York, NY
BCP # C231049

Client ID Lab Sample ID Date Sampled	NY Soil Cleanup Unrestricted Use	BHW NW J80262-1 12/28/2007			BHW SW J80262-2 12/28/2007			PIER B7 J80261-1 12/28/2007		
		Result	Q_1	Q_2	Result	Q_1	Q_2	Result	Q_1	Q_2
Metals Analysis (ppm)										
Aluminum	NS	9870			9470			12300		
Antimony	NS	2.3	U		2.3	U		2.3	U	
Arsenic	13	2.3	U		2.3	U		2.3	U	
Barium	350	85.9			87.4			89.3		
Beryllium	7.2	0.63			0.62			0.64		
Cadmium	2.5	0.57	U		0.56	U		0.58	U	
Calcium	NS	3360			15300			1770		
Chromium, Hexavalent	1	1.1	U	UJ	1.1	U	UJ	1.2	U	UJ
Chromium, Trivalent	**30**	23.1			21.4			24.1		
Cobalt	NS	7.4			6.7			8.2		
Copper	50	16.2			15.9			17.0		
Cyanide	27	0.23	U		0.25	U		0.28	U	
Iron	NS	16400			15800			17500		
Lead	**63**	7.4			8.4			10.7		
Magnesium	NS	3540			6170			3750		
Manganese	1600	482			408			468		
Mercury	**0.18**	0.034	U	UJ	0.037	U	UJ	0.038	U	
Nickel	30	27.9			24.9			27.4		
Potassium	NS	2870			2990			3220		
Selenium	3.9	2.3	U		2.3	U		2.3	U	
Silver	2	1.1	U		1.1	U		1.2	U	
Sodium	NS	1100	U		1100	U		1200	U	
Thallium	NS	1.1	U		1.1	U		1.2	U	
Vanadium	NS	24.8			21.8			26.7		
Zinc	**109**	31.9			30.6			33.5		

Notes:
Soil samples analyzed for TAL Metals by EPA Method 6010.
Mercury analyzed by EPA Method 7471.
Cyanide analyzed by EPA Method 335.4
Units in ppm = parts per million (mg/kg)
Q_1 = Lab qualifier from Accutest Laboratories
U - Below Dectection Limit
J - Estimated value detected above qualitative method detection limit (MDL)
& below the quantitative reporting detection limit (RDL).
Q_2 = Lab qualifier from Chemworld Environmental, Inc.
For explanation of Q_2 qualifiers, see Table 8
NYSDEC Track 1 Unrestricted Use Soil Cleanup Objectives (SCOs)
values from 6 New York City Rules and Regulations (NYCRR)
Part 375-6.8 Table 375-6.8(a): Unrestricted Use SCOs
NS = No Standard
NA = Not analyzed
Exceedances in **bold.**

Table 16
Summary of Exceedances of Volatile Organic Compounds for Structural Soil Samples
Compared to Track 1 - Unrestricted Use
Area A
West 34th Street and 11th Avenue
New York, NY
BCP # C231049

Client ID Lab Sample ID Date Sampled	NY Soil Cleanup Unrestricted Use	BHW NW J80262-1 12/28/2007			BHW SW J80262-2 12/28/2007			PIER B7 J80261-1 12/28/2007		
		Result	Q_1	Q_2	Result	Q_1	Q_2	Result	Q_1	Q_2
Pesticides (ppb)										
Aldrin	5	0.33	U		0.33	U		0.34	U	
2,4-D	NS	8.0	U		NA			8.4	U	
alpha-BHC	20	0.28	U		0.28	U		0.29	U	
2,4,5-TP (Silvex)	3800	0.88	U		NA			0.93	U	
beta-BHC	36	0.33	U		0.33	U		0.34	U	
2,4,5-T	NS	0.77	U		NA			0.81	U	
delta-BHC	40	0.55	U		0.56	U		0.57	U	
gamma-BHC (Lindane)	100	0.30	U		0.30	U		0.31	U	
alpha-Chlordane	94	9.8	U		9.8	U		0.42	U	
gamma-Chlordane	NS	NA			NA			0.42	U	
Dieldrin	5	0.38	U		0.38	U		0.39	U	
4,4'-DDD	3.3	0.36	U		0.36	U		0.37	U	
4,4'-DDE	3.3	0.37	U		0.38	U		0.39	U	
4,4'-DDT	3.3	0.46	U		0.46	U		0.47	U	
Endrin	14	0.37	U		0.38	U		0.39	U	
Endosulfan sulfate	2400	0.41	U		0.41	U		0.42	U	
Endrin aldehyde	NS	0.35	U		0.36	U		0.37	U	
Endosulfan-I	2400	0.40	U		0.40	U		0.42	U	
Endosulfan-II	2400	0.40	U		0.40	U		0.41	U	
Heptachlor	42	0.39	U		0.39	U		0.40	U	
Heptachlor epoxide	NS	0.42	U		0.42	U		0.43	U	
Methoxychlor	NS	0.50	U		0.50	U		0.51	U	
Endrin ketone	NS	NA			NA			NA	U	
Toxaphene	NS	7.2	U		7.2	U		7.4	U	
Total Pesticides		0.0			0.0			0.0		
PCBs (ppb)										
Aroclor 1016	100	7.1	U		7.2	U		7.4	U	
Aroclor 1221	100	23	U		23	U		23	U	
Aroclor 1232	100	20	U		20	U		21	U	
Aroclor 1242	100	12	U		12	U		12	U	
Aroclor 1248	100	13	U		13	U		13	U	
Aroclor 1254	100	18	U		18	U		18	U	
Aroclor 1260	100	7.6	U		7.6	U		7.8	U	
Total PCBs		0.0			0.0			0.0		

Notes:
Soil samples analyzed for Pesticides by EPA Method 8081A.
Polychlorinated biphenyls (PCBs) analyzed by EPA Method 8082.
Units in (ppb) = parts per billion (µg/kg)
Q_1 = Lab qualifier from Accutest Laboratories
U - Below Dectection Limit
J - Estimated value detected above qualitative method detection limit (MDL)
& below the quantitative reporting detection limit (RDL).
Q_2 = Lab qualifier from Chemworld Environmental, Inc.
For explanation of Q_2 qualifiers, see Table 8
NYSDEC Track 1 Unrestricted Use Soil Cleanup Objectives (SCOs)
values from 6 New York City Rules and Regulations (NYCRR)
Part 375-6.8 Table 375-6.8(a): Unrestricted Use SCOs
NS = No Standard
NA = Not analyzed
Exceedances in **bold.**

Table 17
Summary of Laboratory Analytical Qualifiers 3
for Post Excavation End-Point Soil Samples

Analytical Laboratory (Accutest) Qualifiers

U = Analyte not detected at or above reporting limit.
J = Value is estimated (greater than detection limit but below reporting limit).

Data Usabilty Summary Report (DUSR) Qualifiers
as reported in DUSR report in Appendix V

As reported by ChemTech, the following "Results Qualifiers" are used:

Value If the result is a value greater than or equal to the detection limit, report the value

U = Indicates the compound was analyzed for, but not detected at or above the Contract Required Quantitaion Limit (CRQL), or the compound is not detected due to qualification through the method or field blank.
J = The associated numerical value is an estimated quantity.
UJ = The compound was analyzed for, but not detected. The sample quantitation limit is an estimated quantity due to variance from quality control limits.
JN = Tentatively identified with approximated concentrations (Volatile and Semi-Volatile Organics). Presumptively present at an approximated quanity (Pesticides/PCBs).