New York State Department of Environmental Conservation
Division of Environmental Remediation
Remedial Bureau C, 11th Floor
625 Broadway, Albany, New York 12233-7014
Phone: (518) 402-9662 • **Fax:** (518) 402-9679
Website: www.dec.ny.gov

Alexander B. Grannis
Commissioner

July 20, 2010

Ms. Yelena Skorobogatov
Project Manager
Remediation Environment, Health and Safety
Consolidated Edison Company of New York, Inc.
31-01 20th Avenue
Long Island City, NY 11105-2048

Dear Ms. Skorobogatov:

RE: Con Edison Farrington Street Former Gas Holder Site
Farrington Street, Flushing, New York
Site # 2-41-034
Site Management Plan

The New York State Department of Environmental Conservation (the Department) and the New York State Department of Health (DOH) have reviewed and approve the Site Management Plan with the following minor modifications.

1. Page 5, Section **1.1.1 General,** second sentence indicates that all reports associated with the Site can be viewed by contacting the NYSDEC. The document repository is the NYSDEC Albany Office, 625 Broadway, Albany, NY 12233-7014, (518) 402-9662.
2. Page 21, Section **1.4.5 Engineering and Institutional Controls,** last two bullets indicate that the EC/ICs are designed to prevent the off-site migration of contaminants in groundwater. There are no active EC/ICs that prevent the off-site migration of contaminants in ground water, therefore, these two bullets are deleted.
3. Page 25, Section **2.3 Institutional Controls**, second set of bullets under Site restrictions, second bullet refers to the use of groundwater underlying the Site is prohibited without treatment and approval of the NYC Department of Health Mental Hygiene and/or the NYSDOH".
4. Page 26, Section **2.3 Institutional Controls,** first bullet: add "restricted-residential" after the word "residential".
5. Page 26, Section **2.3 Institutional Controls,** first bullet: The way this bullet is written it seems to indicate that the NYSDEC doesn't need to approve any amendment to the Declaration of Covenants and Restrictions. To clarify this statement, DEC approval is required for all amendments.
6. Page 26, Section **2.3.1 Soil Vapor Intrusion Evaluation**, second paragraph, first sentence: replace the word "may" with "will".
7. Page 26, Section **2.3.1 Soil Vapor Intrusion Evaluation**, second paragraph, first sentence: replace the phrase "to eliminate potential exposure" with the phrase "to minimize potential exposure".
8. Page 26, Section **2.3.1 Soil Vapor Intrusion Evaluation**, second paragraph, last sentence: add the phrase "if necessary, based on an evaluation of the data." to the end of the sentence.

9. Page 28, Section **2.4.1 Notification**: the updated address for NYSDEC contact:
   Anthony Karwiel
   New York State Department of Environmental Conservation
   625 Broadway
   11th Floor
   Albany, New York 12233-7014
10. Page 38, Section **2.4.13 Odor Control Plan**, a telephone number will be posted for the public to report nuisance odors.

If you have any questions or would like to discuss these modifications, please contact me at (518) 402-9662. This modification list can be errata and attached to the Site Management Plan. No formal revision is required.

Sincerely,

Anthony Karwiel

Anthony Karwiel
Project Manager

Cc: J. Crua, NYSDOH
C. Bethoney, NYSDOH
J. O'Connell, NYSDEC, Region 2

Farrington Street Former Gas Holder Site

FLUSHING, QUEENS COUNTY, NEW YORK

Site Management Plan

NYSDEC Site Number: 2-41-034

Prepared for:

Consolidated Edison Company of New York, Inc.

31-01 20th Avenue
Long Island City, NY 11105

Prepared by:

PARSONS
301 Plainfield Road, Suite 350
Syracuse, New York 13212
Phone: (315) 451-9560
Fax: (315) 451-9570

FEBRUARY 2010

TABLE OF CONTENTS

1.0 INTRODUCTION AND DESCRIPTION OF REMEDIAL PROGRAM

1.1 INTRODUCTION

This document is required as an element of the remedial program at the Farrington Street Former Gas Holder Site (hereinafter referred to as the "Site") under the New York State Inactive Hazardous Waste Disposal Site Remedial Program administered by the New York State Department of Environmental Conservation (NYSDEC). The Site was remediated in accordance with the Order of Consent Site # 2-41-034 (**Consent Order**), which was executed on December 4, 2001.

1.1.1 General

Consolidated Edison Company of New York, Inc. (**Con Edison**) entered into the Consent Order with the NYSDEC to develop and implement an NYSDEC-approved remedial program for the Site -- an 1.1 acre industrial property located in Flushing, Queens County, New York. The Consent Order requires Con Edison to investigate and remediate contaminated media at the Site. A map showing the location of the Site is provided in Figure 1. The boundaries of the Site are more fully described in the metes and bounds description that accompanies the required NYSDEC-approved Declaration of Covenants and Restrictions for the Site, a copy of which is attached as Appendix A of this Site Management Plan (**SMP**).

After completion of the remedial work described in the NYSDEC-approved Interim Remedial Measures Report (Parsons, 2004), some contamination was left in the subsurface at this Site, which is hereafter referred to as "**remaining contamination**." This SMP was prepared to manage the remaining contamination at the Site in perpetuity or until extinguishment of the Declaration of Covenants and Restrictions for the Site in accordance with Paragraph X of the Consent Order. Implementation of the NYSDEC-approved Interim Remedial Measures Work Plan (Parsons, 2002) for the Site began in

November 2002 and was completed in March 2003. All reports associated with the Site can be viewed by contacting the NYSDEC or its successor agency managing environmental issues in New York State.

This SMP was prepared by Parsons, on behalf of Con Edison, in accordance with the requirements in the Consent Order, in NYSDEC DER-10 Technical Guidance for Site Investigation and Remediation, dated December 2002, and the guidelines provided by the NYSDEC. This SMP addresses the means for implementing the Institutional Controls (**ICs**) and Engineering Controls (**ECs**) that are required by the NYSDEC-approved Declaration of Covenants and Restrictions for the Site.

1.1.2 Purpose

The Site contains remaining contamination after completion of the remedial action specified in the Interim Remedial Measure Work Plan that the NYSDEC approved for the Site under the Consent Order. Engineering Controls have been incorporated into the NYSDEC-approved remedial program for the Site to provide proper management of the Site's remaining contamination in the future to ensure protection of public health and the environment. An NYSDEC-approved Declaration of Covenants and Restrictions will be executed by Con Edison and recorded in the Queens County Land Division Records of the Office of the New York City Register to provide an enforceable legal instrument to ensure compliance with this SMP and all required ECs and ICs for the Site.

The ICs place restrictions on Site use, and mandate operation, maintenance, monitoring and reporting measures for all ECs and ICs. This SMP specifies the methods necessary to ensure compliance with all required ECs and ICs for the Site. This SMP has been approved by the NYSDEC, and compliance with this SMP is required by Con Edison, Con Edison's successors and assigns, and all future owners of the Site. This SMP may only be revised with the approval of the NYSDEC.

This SMP provides an overview of the procedures required to manage the Site's remaining contamination including: (1) implementation and management of all Engineering Controls and Institutional Controls for this Site; (2) groundwater and other media monitoring; and (3) performance of periodic inspections, certification of results, and submittal of Periodic Review Reports to the NYSDEC.

To address these needs, this SMP includes two plans: (1) an Engineering and Institutional Control Plan for the implementation and management of the Site's required EC/ICs, which includes a reporting plan for the submittal of data, information,

recommendations, and certifications to NYSDEC; and (2) a Monitoring Plan for the implementation of Site Monitoring. It is important to note that:

- This SMP details the Site-specific implementation procedures that are required as part of the Site's NYSDEC-approved remedial program under the Consent Order. Failure to properly implement this SMP is a violation of Environmental Conservation Law and the Consent Order, which is grounds for the revocation of the NYSDEC release and limited covenant not to sue for the Site provided for in the Consent Order;
- Failure to comply with this SMP is also a violation of 6NYCRR Part 375 and Consent Order, and thereby subject to applicable penalties.

At the time this SMP was prepared, the SMP and all Site documents related to the Preliminary Site Assessment (**PSA**), Interim Remedial Measures, and the Soil Gas Investigation implemented at the Site were maintained at the NYSDEC office in Albany, New York.

1.2 SITE BACKGROUND

Con Edison previously planned to implement an improvement and upgrade project for its utility flush truck facility located at the Site. The project was to include construction of a new central collection facility (CCF) building and various below ground settlement basins and collection tanks on the portions of the Site formerly occupied by a 3 million-cubic foot gas holder that was initially used for the storage of gas produced at a nearby manufactured gas plant owned by one of Con Edison's predecessor companies and later used for the storage of natural gas by Con Edison.

In anticipation of the construction activities associated with the flush truck facility upgrade project, a PSA was conducted to characterize and identify potential subsurface conditions at the Site that could pose a risk to the health and safety of Site workers and the public during those activities (Parsons, 2001). The PSA identified former gas holder-related structures (tar pumps, skimmer pumps, piping and tanks) and several areas within and outside of the proposed CCF building footprint that contained soils with coal tar and petroleum contamination from the Site's former gas holder operations.

To address the former gas holder-related structures and impacted soils prior to construction of the new building at the Site, an IRM Work Plan (Parsons, 2002) was

developed by Con Edison and approved by the NYSDEC under the Consent Order. The IRM was subsequently conducted between November 2002 and March 2003 in accordance with the NYSDEC-approved work plan.

1.2.1 Site Location and Description

The Site is located in Flushing, Queens County, New York and is identified as Block 4408, Lot 1 on the Tax Map of the City of New York for Queens County. The Site encompasses an approximately 1.1-acre area bounded by a recycling paper plant building and several commercial buildings to the north, by Linden Place to the east, by 32nd Avenue to the south and by Farrington Street to the west (see Figure 1). The boundaries of the Site are more fully described in Appendix A– Declaration of Covenants and Restrictions /Metes and Bounds.

1.2.2 Site History

Con Edison records and Sanborn fire insurance maps for the years 1892, 1897, 1903, 1916, 1941, 1943, 1951, 1963, 1981, 1986, 1987, 1988, 1990, 1991, 1992, 1993, 1994, 1995, and 1996 were examined to identify the history of the Farrington Street Former Gas Holder Site. Sanborn maps from 1892, 1897, and 1903 indicate that, with the exception of a house in the Site's southwestern corner, the Site was vacant. The 1916 map indicates the addition of a second house and a junk shop located in the northwest corner of the Site. The 1941 map shows the addition of a 3 million-cubic foot steel gas holder on the eastern half of the Site. Con Edison's records indicate that the gas holder was erected by the New York and Queens Gas Company (NY&QGC) in 1925 and was initially associated with an NY&QGC manufactured gas plant (MGP) located on the block immediately west of the Site. NY&QGC was merged with and into Con Edison on June 1, 1936.

The 1943 Sanborn map indicates that a strip of property with the three buildings on the western side of the Site had been separated from the main portion of the Site containing the gas holder. Five sets of tar pumps, four skimmer pumps, an oil skimmer tank, an emergency tar pump house, and an office were located around the perimeter of the gas holder. No changes to the property were observed on the 1951 and 1963 Sanborn maps. The gas holder is no longer present on the 1981 Sanborn map. Con Edison's records indicate that the gas holder was retired in 1965 and was demolished prior to May 1967. Con Edison began using the Site in support of its utility flush truck operations in

1974. Figure 2 shows the locations of the former gas holder and other structures at the Site.

1.2.3 Geologic Conditions

The Site is located in the Coastal Plain physiographic province. The regional geology is characterized by Pleistocene age glacial deposits which overlay unconsolidated Cretaceous age deposits which overlay Precambrian age crystalline bedrock. The Pleistocene glacial deposits consist of terminal moraine deposits and outwash sand and gravel deposits. The underlying Cretaceous deposits consist of clay, silt, sand and gravel of the Raritan Formation. Bedrock consists of gneissic metamorphic rocks that occur at depths of several hundred feet.

The shallow stratigraphy of the Site consists primarily of an orange-brown to brown, fine to coarse grained, poorly graded micaceous sand with varying amounts of clay, silt and gravel. Sand was encountered to depths up to 37 feet below ground surface. Soils in the upper ten feet have been reworked and used as fill and contain various historic structures such as concrete foundations, timber, steel pipes and brick. A stiff, clayey silt was encountered at a depth of approximately 36 feet in two geotechnical borings. The clayey silt was not encountered in the other borings. Bedrock was not encountered at the Site. A geologic section of the Site is shown in Figure 3.

Groundwater in the region is found in the unconsolidated Pleistocene age glacial deposits (upper glacial aquifer) and in deeper unconsolidated Cretaceous age deposits. Pleistocene age deposits include the local Jameco aquifer, which is overlain by the Gardiners Clay. Deeper aquifers in the Cretaceous age deposits include the Magothy and Lloyd aquifers. The Lloyd aquifer is the deepest and rests on bedrock. Because much of Queens County is surrounded by saltwater, the aquifers underlying it are significantly impacted by saltwater intrusion.

The shallow groundwater table at the Site generally ranges in depth from approximately 13 to 14 feet below ground surface. Local groundwater flow is to southeast. A groundwater flow map is shown in Figure 4.

1.3 SUMMARY OF INVESTIGATION FINDINGS

Several investigations were conducted at the Site. The results of these investigations are described in detail in the PSA Report for the Farrington Street Former Gas Holder Site (Parsons, June 2001). The investigations and their purposes are summarized below.

Phase I and II Investigation at 32-02 Linden Place

In August 1994, AKRF, Inc. performed a Phase I and Phase II Environmental Assessment of the property located directly south of the Site at 32-02 Linden Place (AKRF, 1994a and 1994b). The purpose of the assessment was to identify any potential environmental concerns resulting from the Site's past or current use.

Geotechnical Investigation

In February 1996, CH2M Hill conducted a geotechnical investigation at the Site (CH2M Hill, 1996a). The purpose of the investigation was to collect the subsurface information needed to design the foundations of a proposed flush truck container facility and wastewater treatment system at the Site, and to determine whether there was any impacted soil present in the areas to be excavated.

Preliminary Site Investigation

In May and June 1996, CH2M Hill conducted a Preliminary Site investigation at the Site (CH2M Hill, 1996b). The purpose of the investigation was to evaluate potential residual contamination from the former gas holder operations.

Risk Evaluation

In September 1996, CH2M Hill performed a risk evaluation to assess the potential for adverse effects after the proposed construction at the Site (CH2M Hill, 1996c).

Well Search Summary

In November 1996, CH2M Hill completed a groundwater well search to identify the presence of potable wells currently in use within a two-mile radius of the Site (CH2M Hill, 1996d).

Preliminary Site Assessment

In January and February 2001, Jacques Whitford Company, Inc. conducted a PSA to characterize and identify potential subsurface conditions at the Site that could pose a risk to the health and safety of Site workers and the public. The work was completed in accordance with the NYSDEC-approved PSA work plan prepared by Parsons (Parsons 2001).

Soil Gas Investigation

In May 2006, Parsons conducted a soil gas investigation to determine what measures, if any, would need to be taken to prevent potential future exposures to volatile organic compounds (VOCs) in the subsurface as a result of potential vapor intrusion in a proposed on-site building (Parsons, 2006). The results of the Soil Gas Investigation are summarized in the Soil Gas Investigation Report (Parsons, 2006).

1.3.1 Impact Assessment

Below is a summary of Site conditions when the PSA was performed in 2001, as documented in the PSA Report:

1.3.1.1 Former MGP Structures

As part of the PSA, nine test pits (TP-1 to TP-9) were excavated in the vicinity of the former gas holder's tar pumps and skimmer pumps to determine whether any buried structures were present and to assess any impacts to surrounding soils. A total of 20 soil and tarry residue samples were collected for analysis of volatile organic compounds (VOCs), semi-volatile compounds (SVOCs), polychlorinated biphenyls (PCBs), metals, and cyanide. Laboratory analytical results are summarized on Table 1 and graphically illustrated on Figures 5 and 6. Analytical results were compared with NYSDEC Soil Cleanup Objectives provided in Technical Administrative Guidance Memorandum #HWR-94-4046 (TAGM 4046) (NYSDEC, 1994). Soil samples analyzed for metals were also compared with eastern United States background concentrations (NYSDEC, 1994).

The completed test pits and borings indicated that the former gas holder was constructed on a concrete slab at grade, which ranged in thickness from 1 foot to 1.5 feet. The concrete slab was constructed on concrete footings, which extend from 5 feet to 8 feet below ground surface (bgs). Subsurface structures were encountered in test pits excavated in the vicinity of the former skimmer pumps and tar pumps located around the perimeter of the former gas holder. The subsurface structures included concrete vaults, pump hardware, brick, concrete and metal containment structures, and steel piping. Former underground storage tanks (USTs) encased in concrete were also encountered in the northeastern corner of the Site. The USTs were apparently closed in place by filling them with concrete.

Visual staining and petroleum odors were observed in soils surrounding the structures found in test pits TP-1, TP-2, TP-4, TP-7 and TP-8. Non-aqueous phase liquid

(NAPL) was observed within the sump in TP-2 and in a small seep at a depth of about 4 feet bgs was observed in TP-4. A summary of the structures encountered and observations in surrounding soils is presented in Table 2.

A total of 11 VOCs were detected in soil samples collected from the test pits. The VOCs consisted primarily of benzene, toluene, ethyl benzene and xylene (collectively referred to as BTEX) with lesser detections of 1,2-dichloroethane and tetrachloroethene. Although low levels of acetone and methylene chloride were also detected, these chemicals are common laboratory contaminants. Total BTEX concentrations ranged from 0.001 mg/kg to 530.0 mg/kg with the highest concentrations detected in test pits TP-7 and TP-8. The concentrations of one or more individual BTEX compounds exceeded the NYSDEC soil cleanup objectives in soil samples from test pits TP-1, TP-4, TP-7 and TP-8. The concentration of 1,2-dichloroethane exceeded the NYSDEC soil cleanup objective in one sample from TP-4. Four samples from test pits TP-4, TP-7 and TP-8 contained total VOC concentrations that exceeded the NYSDEC's soil cleanup objective for total VOCs of <10 mg/kg.

A total of 27 SVOCs were detected in the test pit soil samples. The SVOCs detected consisted primarily of polycyclic aromatic hydrocarbons (PAHs) with lesser detections of dibenzofuran, carbazole, phenol, and several phthalate compounds. Total PAH concentrations ranged from 0.051 mg/kg to 105,522 mg/kg with the highest concentrations being detected in the soil samples from test pits TP-2 and TP-8. In 18 samples one or more individual PAHs were detected at concentrations exceeding the soil cleanup objectives specified in NYSDEC Technical Assistance Guidance Memorandum 4046 (NYSDEC, 1994 – hereinafter referred to as TAGM 4046). Total PAH concentrations exceeded the NYSDEC TAGM 4046 soil cleanup objective of $\leq$500 mg/kg for total PAHs in six samples from test pits TP-1, TP-2 and TP-8. Dibenzofuran was also detected at concentrations exceeding its NYSDEC TAGM 4046 soil cleanup objective in soil samples from test pits TP-1, TP-2, and TP-8.

PCB-Aroclor 1260 was detected at a concentration below the NYSDEC TAGM 4046 soil cleanup objective in five samples from test pits TP-1, TP-2 and TP-6. PCB 1260 concentrations ranged from 0.133 mg/kg to 0.26 mg/kg.

A total of 22 metals were detected in the test pit soil samples. Eleven of the metals were detected at concentrations exceeding NYSDEC TAGM 4046 soil cleanup objectives or eastern United States background concentrations. Cyanide was detected in seven samples at concentrations ranging from 0.14 mg/kg to 2.47 mg/kg.

1.3.1.2 Soil Borings

A total of 91 subsurface soil samples were collected from the soil borings advanced on the Site as part of the PSA and were analyzed for VOCs, SVOCs, PCBs, metals and cyanide. Laboratory analytical results are summarized on Table 3 and graphically illustrated on Figures 5 and 6. Analytical results from the borings conducted during the previous CH2M Hill investigations are also included on Figures 5 and 6. Analytical results were compared with NYSDEC Soil Cleanup Objectives provided in TAGM 4046. Soil samples analyzed for metals were also compared with eastern United States background concentrations (NYSDEC, 1994).

Soil samples from the borings were visually described and screened for organic vapors with a PID. Lithologic descriptions and observations related to the presence of NAPL, staining, and odors are provided on the boring logs in Appendix B**.** Varying degrees of staining and petroleum odors were observed in the soil borings. The heaviest amounts of staining were commonly observed in borings located near test pits TP-1, TP-2, TP-4, TP-7, TP-8, and the GT-2 soil boring location. Evidence of NAPL was observed in five borings located in the vicinity of TP-1, TP-4 and TP-8. The NAPL was generally found in thin discrete lenses. Borings where evidence of NAPL was observed include:

- TP1-SB2: 1-inch zone of NAPL above the water table (16 feet bgs), 1-inch lense of NAPL at 22 feet bgs, and 2-inch lense of NAPL at 25 feet bgs.
- TP8-SB1: 6-inch layer of NAPL at 18.5 to 19 feet bgs.
- SB-9: 1-foot zone of NAPL at 3-4 feet bgs.
- SB-10: 2-inch layer of NAPL at 19.8 feet bgs and 4-inch layer of NAPL at 27.6 feet bgs.
- SB-12: ½-inch lense of NAPL at 12 feet bgs, trace NAPL in water at 15 feet bgs, and trace NAPL-containing soils from 19.5 to 20 feet bgs.

A total of 12 VOCs were detected in soil samples. The VOCs consisted primarily of BTEX with lesser detections of styrene, trichloroethene and tetrachloroethene. Acetone and methylene chloride were also detected in the blank samples and are common laboratory contaminants. Total BTEX concentrations in soil ranged from 0.001 mg/kg to 3,929 mg/kg with the highest concentrations detected in boring TP8-SB1. Concentrations of one or more individual BTEX compounds exceeded the NYSDEC soil cleanup objectives in five samples from borings GT-2, GT-2C, and TP8-SB1. Acetone was detected at a concentration above the NYSDEC soil cleanup objective in the 22 to 23 foot bgs sample interval from SB-06. Tetrachloroethene was detected at a

concentration above the NYSDEC soil cleanup objective in the 25 to 26 foot bgs sample interval from TP1-SB2. Total VOC concentrations exceeded the NYSDEC soil cleanup objective of 10 mg/kg for total VOCs in six samples from borings GT-2, B-6, G-10 and TP8-SB1.

Seventeen SVOCs were detected in the soil samples. The SVOCs consisted primarily of PAHs with lesser detections of dibenzofuran, carbazole and several phthalate compounds. In general, the distribution of PAHs in soils was similar to the distribution of BTEX. Total PAH concentrations in soil ranged from not detected to 2,636 mg/kg with the highest concentrations being detected in borings B-5, B-6, GT-2DD, and TP8-SB1. One or more individual PAHs were detected at concentrations exceeding the NYSDEC soil cleanup objectives in 44 samples. Total PAH concentrations exceeded the NYSDEC soil cleanup objective of 500 mg/kg for total PAHs in six samples from borings B-5, B-6, SB-2, GT-2DD, and TP8-SB1. Dibenzofuran was also detected at concentrations exceeding the NYSDEC soil cleanup objective in three samples from borings GT-2DD and TP8-SB1.

PCB 1260 was detected at concentrations below the NYSDEC soil cleanup objective in four samples from borings GT-2DD, MW-1, MW-3 and TP1-SB2. PCB 1260 concentrations ranged from 0.01 mg/kg to 0.027 mg/kg.

A total of 23 metals were detected in the soil samples. Seven of the metals were detected at concentrations exceeding the NYSDEC soil cleanup objectives or the eastern U.S. background concentrations. Cyanide was detected in 41 samples at concentrations ranging from 0.0001 mg/kg to 2.18 mg/kg.

1.3.1.3 TCLP Results

Twelve soils samples were collected from the test pits and soil borings and analyzed for toxic characteristic leaching procedure (TCLP) VOCs, SVOCs and metals. Laboratory analytical results are summarized on Table 4. Benzene was detected in three samples and cresol was detected in one sample at concentrations below the regulatory criteria for toxicity characteristic hazardous waste. All metals concentrations were below the regulatory criteria for toxicity characteristic hazardous waste.

1.3.1.4 Groundwater

Groundwater samples were collected from six monitoring wells on February 22, 2001, and analyzed for VOCs, SVOCs, PCBs, metals and cyanide. Analytical results were compared with NYSDEC Class GA groundwater quality standards and guidance

values contained in NYSDEC Technical and Operational Guidance Series 1.1.1 (TOGS 1.1.1) (NYSDEC, 1998). These standards and guidance values are protective of groundwater quality for groundwater that is used as a source of drinking water. Laboratory analytical results are summarized on Table 5 and graphically illustrated on Figure 7.

A total of nine VOCs were detected in the collected groundwater samples. The detected VOCs consisted primarily of BTEX and several chlorinated solvents (cis-1,2-dichloroethene, trichloroethene and tetrachloroethene). BTEX compounds were detected at concentrations exceeding the Class GA groundwater quality standards or guidance values in two monitoring wells, MW-5 and CH2-MW-1, located adjacent to the northwest corner of the former gas holder. BTEX was not detected in the upgradient or downgradient monitoring wells. One or more chlorinated solvent compounds were detected in all of the monitoring wells on-site. Concentrations of cis-1,2-dichloroethene, trichloroethene and tetrachloroethene exceeded the Class GA groundwater quality standards or guidance values in monitoring wells on the eastern portion of the Site.

The SVOCs detected in the groundwater samples consisted primarily of PAHs. Low concentrations of several phthalate compounds, dibenzofuran and carbazole were also sporadically present in the groundwater samples. PAHs in groundwater exhibited a similar distribution pattern to BTEX. They were detected at concentrations exceeding the Class GA groundwater quality standards or guidance values in two monitoring wells MW-5 and CH2-MW-1. PAHs were not detected in the downgradient monitoring well.

PCBs were not detected in the groundwater samples. Twenty metals were detected in the groundwater samples. Concentrations of 11 metals, primarily in monitoring well MW-2, exceeded the Class GA groundwater quality standards or guidance values. Cyanide was detected at low concentrations below the Class GA groundwater quality standard in three monitoring wells, MW-1, MW-2 and MW-4.

1.3.1.5 Fingerprint Results

Fifteen soil samples and four NAPL samples were submitted to META Environmental, Inc. for gas chromatography with flame ionization detector (GC/FID) fingerprint analysis. The fingerprint results indicated that most of the samples consisted primarily of a pyrogenic substance. The pattern of PAHs and the ratio of fluoranthene to pyrene indicated that the samples had a manufactured gas plant (MGP) related source, potentially from a carbureted water gas process. Several of the samples also contained a petrogenic substance, which is similar to a weathered #6 fuel oil or residual oil that may

have been used as a carburetion fluid. These samples also exhibited varying degrees of weathering. The hydrocarbon fingerprint reports are summarized on Table 6.

1.3.1.6 On-Site and Off-Site Soil Vapor

A soil gas investigation was conducted in May 2006 in accordance with a NYSDEC- and New York State Department of Health (NYSDOH)-approved Soil Gas Investigation Work Plan (Parsons, April 2006) and the NYSDOH's Draft Guidance for Evaluating Soil Vapor Intrusion in the State of New York (February 2005). See Section 2.3.1 for a description of activities and results associated with the Soil Gas Investigation.

1.4 SUMMARY OF REMEDIAL MEASURES

The Site was remediated in accordance with the NYSDEC-approved Interim Remedial Measure Work Plan dated January, 2002.

The following is a summary of the Interim Remedial Measures performed at the Site:

(1) Approximately 6,355 tons of impacted soil were excavated at depths ranging from four to 18 feet bgs as part of the IRM. Excavation activities were initiated in impacted areas initially identified in the IRM Work Plan and were subsequently expanded, as necessary, based on visual observations.

At three locations located along the perimeter of the former gas holder location on the Site, excavation could not be extended further to remove all impacted materials. These include the SB-9, TP-8, and Dripleg #3 areas. Impacted materials were observed to extend beyond the eastern and southern boundaries of the Site in the SB-9 and TP-8 areas, respectively. In addition, impacted materials were observed to extend beneath the existing flush truck facilities adjacent to the Dripleg #3 area. Due to the presence of the sidewalks, streets, and buildings in these areas, it was decided with the NYSDEC approval that excavation would not be extended further in these areas. At each of these locations, an impermeable rubber membrane wall was installed along the impacted excavation sidewall as shown on Figure 8. The wall was constructed of a rubber membrane material manufactured by GAF Corporation and extended along the entire width and depth of the remaining impacted area.

In three areas, excavations extended to the depth of the water table (approximately 14 to 18 feet bgs). These include the TP-8, Dripleg #1, and Dripleg #3 areas. In these areas, NAPL-impacted groundwater was observed to be seeping into the bottom of the excavation. In accordance with the work plan and with the NYSDEC's approval, excavations were not extended below the groundwater table in these areas. Excavation beyond the groundwater table was not conducted due to the high rate of groundwater inflow.

(2) The *IRM Work Plan* specified the removal of a portion of the former gas holder's concrete slab, which was within the proposed new CCF building footprint. However, because soil excavation was extended beneath the concrete slab at several locations along the perimeter, the entire former gas holder concrete slab, foundation, and underlying footers were removed during the IRM as shown on Figure 8. The concrete slab ranged in thickness from 14 inches near the perimeter and 6 inches near the center.

(3) Several former belowground structures along the perimeter of the former gas holder (tar and skimmer pumps/tanks) were removed during the IRM as shown on Figure 8. The structures and any impacted materials associated with the structures were removed and staged separately pending testing and off-Site transportation and disposal.

Belowground piping associated with the former gas holder that was encountered during the IRM was addressed by draining any liquids present in the piping. The piping was then completely removed or abandoned in place where complete removal was not possible. As shown on Figure 8, several 3-inch diameter steel pipes were encountered along the perimeter of the gas holder. This piping was most likely associated with the system of tar and skimmer pumps/tanks located along the gas holder perimeter. In addition, three 24-inch diameter steel pipes were encountered during the IRM. These pipes (referred to as Driplegs #1, #2, and #3) ran from beneath the former gas holder concrete slab to Farrington Street as shown on Figure 8. Each of these pipes were drained and removed to the property line with the exception of a portion of Dripleg #3 which ran directly adjacent to the existing water treatment tank at the Site. Any piping that was left in place was sealed using brick and cement grout. The underground piping and impacted materials associated with it were removed and staged separately pending off-Site transportation and disposal.

Two 550-gallon former gas-oil USTs located in the northeast corner of the Site were removed during the IRM. The *IRM Work Plan* specified that the tanks would be closed in-place. However, upon opening the tops of these tanks it was discovered that the tanks had been filled with impacted debris rather than concrete as originally anticipated. Therefore, each of the tanks, their contents, and the surrounding concrete encasing the tanks were removed. The tanks and associated impacted materials were staged separately pending off-Site transportation and disposal.

In addition to these completed IRM Activities, the following remedial measures are required for the Site:

1. Execution and recording of a NYSDEC-approved Declaration of Covenants and Restrictions to impose limitations on the use of the Site and requirements to prevent future exposure to any contamination remaining at the Site.

2. Implementation of this SMP, which includes plans for: (1) Institutional and Engineering Controls, (2) monitoring, and (3) reporting

3. Groundwater Monitoring Program

1.4.1 Removal of Contaminated Materials from the Site

The following soil cleanup objectives were established for the Site in the NYSDEC-approved IRM Work Plan:

- Total VOC concentrations less than 10 mg/kg above the groundwater table.
- Total PAH concentrations less than 500 mg/kg above the groundwater table.

A map showing areas where excavation was performed as part of the completed IRM is shown in Figure 8. Soil excavation and gas holder-related structure removal during the IRM was conducted by CEI 40-hour OSHA HAZWOPER-certified personnel qualified to perform environmental work. Soil excavation was conducted using typical excavation and construction equipment, including excavators, backhoes, and front-end loaders. PSA results were used to obtain pre-approval for treatment and/or disposal of excavated soils at selected disposal facilities.

Stained or NAPL-coated steel and concrete was disposed of as non-hazardous waste. Visually clean steel and concrete were disposed of as construction debris. Segregated materials were placed in lined roll-off containers or in a staging area that was

bermed and lined with 20-mil plastic sheeting. The materials were covered with plastic to control odors, erosion, and sedimentation. Liquids encountered in structures and piping were pumped into the on-site frac tank for subsequent off-Site treatment/disposal.

No hazardous wastes were generated during the IRM. The following table summarizes the IRM waste streams that were transported off-Site for treatment or disposal:

Waste	Volume	Disposal Facility/ Treatment Method
Non-Hazardous Waste – Soil	Casie – 6,354 tons ESMI – 1,561.16 tons	Casie/ESMI – Thermal Treatment
Construction Debris – Concrete	1,181 cubic yards	Evergreen Recycling – Recycling
Construction Debris – Steel	29.5 tons	Metal Management/Naporano – Recycling
Non-Hazardous Waste – Steel	115 cubic yards	Clean Venture/CycleChem – landfilling
Non-Hazardous Waste-Oily Water	7,642 gallons	Clean Water of New York – treatment

Transportation of the materials to the disposal facilities was accomplished by licensed haulers with valid waste transporter permits in accordance with appropriate local, state, and federal regulations. All trucks were decontaminated, covered with a tarp, and manifested prior to leaving the decontamination area or the exclusion zone. A representative of Con Edison signed all manifests and bills of lading.

1.4.2 Quality of Backfill Placed in Excavated Areas

Fill material was brought on Site for backfilling the IRM excavation. The fill material consisted of clean sand, recycled (item #4) concrete, and recycled asphalt. Fill materials were placed in the excavation and compacted in 1-foot lifts. Con Edison retained Municipal Testing to perform compaction testing to verify 85% compaction was accomplished.

1.4.3 On-Site and Off-Site Treatment Systems

No long-term treatment systems were installed at the Site as part of the IRM.

1.4.4 Remaining Contamination

At three locations located along the gas holder perimeter, excavation activities could not be extended further to remove all impacted materials due to the presence of sidewalks, streets, and buildings in these areas. These include the SB-9, TP-8, and Dripleg #3 areas depicted on Figure 8. Impacted materials were observed to extend beyond the eastern and southern property boundaries in the SB-9 and TP-8 areas, respectively. In addition, impacted materials were observed to extend beneath the existing flush truck facilities adjacent to the Dripleg #3 area. Due to the presence of the sidewalks, streets, and buildings in these areas, it was decided with NYSDEC approval that excavation would not be extended further in these areas.

In three areas (TP-8, Dripleg #1, and Dripleg #3), excavation extended to the depth of the water table (approximately 14 to 18 feet bgs). In these areas, non-aqueous phase liquid (**NAPL**)-impacted groundwater was observed to be seeping into the bottom of the excavation. In accordance with the IRM work plan and with the NYSDEC's approval, excavation was not extended to a depth beyond the groundwater table in these areas.

A total of 107 post-excavation samples (not including QA/QC samples) of the subsurface soil remaining at the Site were collected and submitted for laboratory analysis after the completion of the IRM. The analytical results of these samples are presented in Table 7. The Site areas from which these samples were collected are depicted on Figure 9. The sample results indicate that, with the exception of the Site areas from which the following samples were collected, the concentrations of total VOCs and total PAH in remaining Site soils were less than the soil cleanup objectives specified for the Site in the NYSDEC-approved IRM work plan:

- VOCs were detected in samples DL-3SW-2 and DL-3SW-13 at concentrations of 40 ppm and 60 ppm, respectively, exceeding the soil cleanup objective of $\leq$10 ppm for total VOCs. PAHs were also detected in samples DL-3SW-13 and DL-3SW-15 at concentrations of 822 ppm and 936 ppm, respectively, exceeding the soil cleanup objective of $\leq$500 ppm for total PAHs. Each of these four samples was collected along the western sidewall of the excavation associated with the Drip Leg #3 area.

- VOCs were detected in sample DP-3-B-3 at a concentration of 1,224 ppm which exceeds the soil cleanup objective of ≤10 ppm for total VOCs. This sample was collected from below the groundwater table in this area.
- PAHs were detected in sample TP-8SW-1 at a concentration of 1,247 ppm which exceeds the soil cleanup objective of ≤500 ppm for total PAHs. This sample was collected along the southern sidewall of the excavation associated with the TP-8 area, adjacent to the southern property boundary.
- PAHs were detected in sample SB-9SW-3 at a concentration of 1,231 ppm which exceeds the soil cleanup objective of ≤500 ppm for total PAHs. This sample was collected along the eastern sidewall of the excavation associated with the SB-9 area, adjacent to the eastern property boundary.

1.4.5 Engineering and Institutional Controls

Since remaining contamination is present at the Site, Engineering Controls and Institutional Controls have been implemented to protect public health and the environment from the Site's remaining contamination. The Site has the following Engineering Controls:

(1) Perimeter chain-link fencing surrounding the Site, including gates, locks and signs;

(2) On-Site groundwater monitoring well network.

A series of Institutional Controls are also required for the Site. The Declaration of Covenants and Restrictions that the NYSDEC has approved for the Site requires compliance with these Institutional Controls to ensure that:

- All Engineering Controls for the Site are operated and maintained as specified in this SMP;
- All Engineering Controls for the Site are inspected and certified at a frequency and in a manner defined in this SMP;
- Groundwater and other environmental or public health monitoring on the Site is performed as defined in this SMP;
- Data and information pertinent to Site Management for the Site is reported at the frequency and in a manner defined in this SMP;

- On-Site environmental monitoring devices, including but not limited to, groundwater monitoring wells are protected and replaced as necessary to ensure continued functioning in the manner specified in this SMP.

In addition, the NYSDEC-approved Declaration of Covenants and Restrictions places the following restrictions on the Site:

- Vegetable gardens and farming on the Site are prohibited;
- Use of groundwater underlying the Site is prohibited without treatment rendering the groundwater safe for its intended use;
- All future activities on the Site that would disturb remaining contaminated material must be conducted in accordance with the Soil Management Plan included in this SMP;
- The potential for vapor intrusion must be evaluated for any buildings developed on the Site, and any potential impacts that are identified must be mitigated;
- The property may be used for industrial and commercial use, provided that the long-term Engineering and Institutional Controls described in this SMP remain in use.

These EC/ICs are designed to:

- Prevent ingestion/direct contact with contaminated soil on the Site;
- Prevent inhalation of or exposure to contaminants volatilizing from such soil;
- Prevent ingestion of Site groundwater with contaminant levels that exceed drinking water standards;
- Prevent contact with or inhalation of volatiles from such groundwater;
- Prevent contaminated groundwater from migrating off-Site; and
- Prevent migration of contaminants that would result in off-Site groundwater or surface water contamination.

2.0 ENGINEERING AND INSTITUTIONAL CONTROL PLAN

2.1 INTRODUCTION

2.1.1 General

Remedial activities completed at the Site were conducted in accordance with the NYSDEC-approved IRM Work Plan for the Farrington Street Former Gas Holder Site (Parsons, 2002). Based on the intended future Site use, the remedial goals included attainment of the following Soil Cleanup Objectives (SCOs) for on-Site soils:

- Total VOC concentrations less than 10 mg/kg above the groundwater table
- Total PAH concentrations less than 500 mg/kg above the groundwater table

The SCOs were approved by NYSDEC.

Since remaining contaminated soil and groundwater exists beneath the Site, Engineering Controls and Institutional Controls (EC/ICs) are required to protect human health and the environment from that contamination. This Engineering and Institutional Control Plan describes the procedures for the implementation and management of all required EC/ICs for the Site. The EC/IC Plan is one component of the SMP and is subject to revision by NYSDEC.

2.1.2 Purpose

The purpose of this Plan is to provide:

- A description of all required EC/ICs for the Site;
- The basic operation and intended role of each implemented EC/IC;
- A description of the key components of the required Site ICs;
- A description of the features that should be evaluated during each periodic inspection and compliance certification period;

- A description of plans and procedures to be followed for implementation of EC/ICs, such as the implementation of an Soil Management Plan for the safe handling of remaining contamination that may be disturbed during maintenance or redevelopment work on the Site;
- Any other provisions necessary to identify or establish methods for implementing the EC/ICs required by the Site remedy, as determined by the NYSDEC; and
- A description of the reporting requirements for these controls.

2.2 ENGINEERING CONTROLS

2.2.1 Engineering Control Systems

2.2.1.1 On-Site Perimeter Fencing

The Site is enclosed by a 10-foot high chain link security fence. Access to the Site is through locked gates. Fencing has been installed and is maintained around the entire perimeter of the Site and will limit the potential for public exposure to on-Site contaminants.

Procedures for inspection of the on-Site perimeter fencing are documented in the Inspections and Notifications section (Section 2.5 of this SMP). Procedures for the inspection and maintenance of the Site's perimeter fencing system are provided in the Monitoring Plan included in Section 3 of this SMP. The Monitoring Plan also addresses severe condition inspections in the event that a severe condition, which may affect controls at the Site, occurs.

2.2.1.2 On-Site Monitoring Well Network

An on-site monitoring well network is maintained at the Site to monitor groundwater conditions. Protective casings and vault covers have been installed at each on-site monitoring well to limit access by unqualified personnel to contaminants in the groundwater.

Procedures for inspection of the on-site monitoring well network are documented in the Inspections and Notifications section (Section 2.5 of this SMP). Procedures for

monitoring the system are included in the Monitoring Plan (Section 3 of this SMP). The Monitoring Plan also addresses severe condition inspections in the event that a severe condition, which may affect controls at the Site, occurs.

2.2.2 Criteria for Completion of Remediation/Termination of Remedial Systems

Generally, the remedial processes will be considered to be completed when effectiveness monitoring indicates that the remedy has achieved the interim remedial measure objectives identified by the decision document. The specific determination of when the following remedial processes are complete will be made in compliance with Section 6.6 of NYSDEC DER-10.

2.2.2.1 On-Site Perimeter Fencing

The on-Site perimeter fencing is a permanent control and the quality and integrity of this system will be inspected at defined, regular intervals in perpetuity.

2.2.2.2 On-Site Monitoring Well Network

For the duration of the post-IRM Groundwater Monitoring program, the on-Site monitoring well network will be maintained and the quality and integrity of this network will be inspected at defined, regular intervals in perpetuity.

2.3 INSTITUTIONAL CONTROLS

A series of Institutional Controls is required for the Site to: (1) implement, maintain and monitor the Site's required Engineering Control systems; (2) prevent future exposure to the Site's remaining contamination by controlling disturbances of the Site's subsurface contamination; and, (3) limit the use and development of the Site to commercial and industrial uses only. Adherence to these Institutional Controls for the Site is required by the NYSDEC-approved Declaration of Covenants and Restrictions being recorded for the Site with the New York City Register's Office and will be implemented under this Site Management Plan. These Institutional Controls are:

- Compliance with the NYSDEC-approved Declaration of Covenants and Restrictions by Con Edison and its successors and assigns, including its or their successors-in-title to the Site, with all elements of this SMP;

- All Engineering Controls must be inspected and maintained as specified in this SMP;
- All Engineering Controls on the Site must be inspected and certified at a frequency and in a manner defined in the SMP.
- Groundwater, soil vapor and other environmental or public health monitoring on the Site must be performed as defined in this SMP;
- Data and information pertinent to Site Management for the Site must be reported at the frequency and in a manner defined in this SMP;
- On-Site environmental monitoring devices, including but not limited to, groundwater monitoring wells, must be protected and replaced as necessary to ensure the devices function in the manner specified in this SMP.
- Institutional Controls may not be discontinued without an amendment to or extinguishment of the NYSDEC-approved Declaration of Covenants and Restrictions that has been approved by the NYSDEC.

The Site also has a series of Institutional Controls in the form of Site restrictions. Adherence to these Institutional Controls is required by the NYSDEC-approved Declaration of Covenants and Restrictions for the Site. The specific restrictions that apply to the Site are as follows:

- Vegetable gardens and farming, including cattle and dairy farming, on the Site are prohibited;
- The use of the groundwater underlying the Site is prohibited without treatment rendering such groundwater safe for its intended purpose;
- All future activities on the Site that will disturb remaining contaminated material are prohibited unless they are conducted in accordance with this SMP;
- The potential for vapor intrusion must be evaluated for any buildings developed on the Site, and any potential impacts that are identified must be mitigated;
- The Site may be used for commercial and/or industrial use provided that the long-term Engineering Controls and Institutional Controls included in this SMP are employed.

- The Site may not be used for a less restrictive use, such as unrestricted residential use without additional remediation and an amendment of the Declaration of Covenants and Restrictions approved by the NYSDEC.
- The Site owner or remedial party will submit to NYSDEC a written statement that certifies, under penalty of perjury, that: (1) the engineering controls and institutional controls employed at the Site are unchanged from the previous certification or that any changes to those controls were approved by the NYSDEC; and, (2) nothing has occurred that impairs the ability of those controls to protect public health and environment from the remaining contamination on the Site or that constitutes a violation or failure to comply with this SMP. NYSDEC retains the right to access the Site at all times reasonable and necessary in order to evaluate the continued maintenance of any and all required engineering controls and institutional controls for this Site. This certification must be submitted to the NYSDEC annually, or an alternate period of time that NYSDEC may allow and will be made by an expert that the NYSDEC finds acceptable.

2.3.1 Soil Vapor Intrusion Evaluation

A soil gas investigation was conducted at the Site in May 2006 in accordance with an NYSDEC-approved Soil Gas Investigation Work Plan (Parsons, April 2006) and the NYSDOH Draft Guidance for Evaluating Soil Vapor Intrusion in the State of New York (February 2005). The results of the Soil Gas Investigation are summarized in the Soil Gas Investigation Report (Parsons, 2006).

An additional soil vapor intrusion (SVI) evaluation may need to be performed prior to the construction of any enclosed structures located over areas of the Site that contain remaining contamination, to determine whether any mitigation measures are necessary to eliminate potential exposure to volatile organic vapors in the proposed structure. Alternatively, a SVI mitigation system may be installed as an element of the building foundation without first conducting any additional evaluation. This mitigation system will include a vapor barrier and/or passive sub-slab depressurization system that is capable of being converted to an active system.

Prior to conducting any additional SVI investigation or installing an SVI mitigation system, a work plan will be developed and submitted to the NYSDEC and NYSDOH for approval. That work plan will be developed in accordance with the most recent NYSDOH "Guidance for Evaluating Soil Vapor Intrusion in the State of New York." Measures to be employed to mitigate potential vapor intrusion will be evaluated, selected, designed, installed, and maintained based on the SVI evaluation, NYSDOH guidance, and construction details of the proposed structure.

Preliminary (unvalidated) data will be forwarded to the NYSDEC and NYSDOH for initial review and interpretation. Upon validation, the final data will be transmitted to these agencies, along with a recommendation for follow-up action, such as mitigation.

SVI sampling results, evaluations, and follow-up actions will also be summarized in the appropriate Periodic Review Report to the NYSDEC.

2.4 SOIL MANAGEMENT PLAN

The Site remedy allows for commercial and industrial use of the Site subject to engineering and institutional controls. Any future intrusive work that will penetrate, encounter or disturb the remaining contamination present beneath the Site will be performed in compliance with this Soil Management Plan. The top four feet of soil at the site either meets the soil cleanup objectives established for the IRM or consists of clean backfill. In addition, portions of the site that were excavated during the IRM were backfilled with clean soil (areas and depths shown on Figure 8). Therefore, on site intrusive work at depths of greater than four feet bgs that are not within areas backfilled with clean soil during the IRM, shall be presumed to be subject to this SMP.

Intrusive construction work that disturbs remaining contamination present beneath the Site must also be conducted in accordance with the procedures defined in a Health and Safety Plan (HASP) and Community Air Monitoring Plan (CAMP) prepared for the Site. A sample HASP that meets the requirements of DER-10, 29 CFR 1910, 29 CFR 1926, and all other applicable federal, New York State and New York City Laws and regulations is attached as Appendix C to this SMP. Based on future changes to federal, New York State and New York City health and safety requirements, and specific methods employed by future contractors, the HASP and CAMP will be updated and re-submitted to the NYSDEC with the notification provided in Section 2.4.1 below. Any intrusive

construction work that disturbs remaining contamination will be performed in compliance with the Soil Management Plan, HASP and CAMP, and will be included in the periodic inspection and certification reports submitted to the NYSDEC under the Site Management Reporting Plan (See Section 2.6).

The Site owner and associated parties preparing the remedial documents submitted to the State, and the parties performing this work, are completely responsible for the safe performance of all such intrusive work, the structural integrity of excavations, and for structures that may be affected by excavations (such as building foundations and bridge footings).

The Site owner will ensure that Site development activities will not interfere with, or otherwise impair or compromise, the remedial activities completed for the Site as part of the NYSDEC-approved IRM or any additional remedial actions proposed to the NYSDEC as part of the Site development activities.

Each hotspot and structure to be remediated (USTs, vaults and associated piping, transformers, etc.) will be removed and end-point sampling completed for documentation purposes before excavations related to Site development commence proximal to the hotspot or structure.

Mechanical processing of historical fill and contaminated soil on-site is prohibited.

All primary contaminant sources (including but not limited to tanks and hotspots) identified during intrusive construction work or additional remedial actions for the Site will be surveyed by a surveyor licensed to practice in the State of New York. The survey information will be shown on maps to be reported in the Periodic Review Report.

2.4.1 Notification

At least 10 days prior to the start of any activity that is reasonably anticipated to encounter remaining contamination, the Site owner or their representative will notify the Department. Currently, this notification will be made to:

Mr. Anthony Karwiel
New York State Department of Environmental Conservation

625 Broadway
12th Floor
Albany, New York 12233-7013

This notification will include:

- A detailed description of the work to be performed, including the location and areal extent, plans for Site re-grading, intrusive elements or utilities to be installed below the soil cover, or any work that may impact an engineering control,
- A summary of environmental conditions anticipated in the work areas, including the nature and concentration levels of contaminants of concern, potential presence of grossly contaminated media, and plans for any pre-construction sampling;
- A schedule for the work, detailing the start and completion of all intrusive work,
- A statement that the work will be performed in compliance with this Soil Management Plan and 29 CFR 1910.120,
- A copy of the contractor's health and safety plan, in electronic format, if it differs from the HASP provided in Appendix C of this document,
- Identification of disposal facilities for potential waste streams,
- Identification of sources of any anticipated backfill, along with all required chemical testing results.

2.4.2 Soil Screening Methods

Before intrusive work entailing soil excavation is commenced on-Site in areas presumed to be subject to this SMP (see Section 2.4), pre-excavation soil sampling may be conducted to determine whether the intrusive work will penetrate, encounter, or disturb remaining contamination and require implementation of the SMP. The pre-excavation sampling will include the collection of soil borings. Details regarding the spacing of soil borings, sampling intervals, and constituents for which analyses will be performed by an ELAP laboratory, will be determined by a qualified environmental professional based on the area and depth of intrusive work being performed.

If implementation of the Soil Management Plan is required visual, olfactory and instrument-based soil screening will be performed by a qualified environmental professional during all excavations into material containing remaining contamination. Soil screening will be performed regardless of when the invasive work is done and will include all excavation and invasive work performed during development, such as excavations for foundations and utility work, after the NYSDEC's approval of this SMP.

Soils will be segregated based on previous environmental data and screening results into material that requires off-Site disposal, material that requires testing, material that can be returned to the subsurface, and material that can be used as cover soil.

All excavated soil and materials that require off-site disposal will be placed into appropriate containers (55-gallon steel drums, 20-cubic yd roll off containers, Baker tanks, tanker trucks). Containers will be properly labeled. The Site owner/contractor will coordinate with the waste transporter and disposal facility to assure that the containers used are suitable for transport and receipt at the disposal facility. Waste will be grouped by environmental matrix (soil, separate phase oils, and/or water). Construction and debris (C&D) material, including items of disposable personal protective equipment (PPE), which has been in contact with impacted soil and/or groundwater will be containerized, as well.

Containerized soil and water will be characterized using the laboratory analyses specified by the receiving facility. Following such analyses, containerized waste shall be disposed of at an approved facility. The contractor/Site owner representative must verify the appropriate analyses and sampling frequency with the disposal facility and maintain any waste disposal records.

2.4.3 Stockpile Methods

Soil stockpiles will be continuously encircled with a berm and/or silt fence. Hay bales will be used as needed near catch basins, surface waters and other discharge points.

Stockpiles will be kept covered at all times with appropriately anchored tarps. Stockpiles will be routinely inspected and damaged tarp covers will be promptly replaced.

Stockpiles will be inspected at a minimum once each week and after every storm event. Results of inspections will be recorded in a logbook and maintained at the Site and available for inspection by NYSDEC.

2.4.4 Materials Excavation and Load Out

A qualified environmental professional or person under the supervision of such a professional will oversee all invasive work and the excavation and load-out of all excavated material.

The owner of the Site and its contractors are solely responsible for safe execution of all invasive and other work performed under this Plan.

The presence of utilities and easements on the Site will be investigated by the qualified environmental professional. It will be determined whether a risk or impediment to the planned work under this SMP is posed by utilities or easements on the Site.

A truck decontamination pad will be operated on-site. The qualified environmental professional will be responsible for ensuring that all outbound trucks associated the excavation of remaining contamination are washed at the truck decontamination pad before leaving the Site.

Transport vehicles leaving the Site with contaminated soil or materials will be appropriately lined, tarped, securely covered, manifested, and placarded in accordance with appropriate Federal, State, local, and New York State Department of Transportation (NYSDOT) requirements (and all other applicable transportation requirements).

Locations where vehicles enter or exit the Site shall be inspected daily for evidence of off-Site soil tracking.

The qualified environmental professional will be responsible for ensuring that all egress points for truck and equipment transport from the Site are clean of dirt and other materials derived from the Site during intrusive excavation activities. Cleaning of the adjacent streets will be performed as needed to maintain a clean condition with respect to Site-derived materials.

2.4.5 Materials Transport Off-Site

All off-Site transport of materials containing remaining contamination will be performed by licensed haulers in accordance with appropriate local, State, and Federal regulations, including 6NYCRR Part 364. Haulers will be appropriately licensed and trucks properly placarded.

Material containing remaining contamination transported by trucks exiting the Site will be secured with tight-fitting covers. Loose-fitting canvas-type truck covers will be prohibited. If loads contain wet material capable of producing free liquid, truck liners will be used.

All trucks tires and other potentially impacted surfaces will be washed prior to leaving the Site. Truck wash waters will be collected and disposed of off-Site in an appropriate manner.

Truck transport routes will be identified that will: (a) limit transport through residential areas and past sensitive sites; (b) use city-mapped truck routes; (c) minimize off-Site queuing of trucks entering the Site; (d) limit total distance to major highways; and (e) promote safety in access to highways.

Trucks will be prohibited from stopping and idling in the neighborhood outside the Site. Egress points for truck and equipment transport from the Site will be kept clean of dirt and other materials during Site remediation and development.

Due to limited available space at the Site, some off-Site queuing of trucks may be necessary. The number and duration of trucks lined up outside the Site entrance will be minimized through efficient scheduling and staging at a remote location.

2.4.6 Materials Disposal Off-Site

All soil, fill, and other materials containing remaining contamination that are excavated at and removed from the Site will be transported and disposed of in accordance with all local, State (including 6NYCRR Part 360) and Federal regulations. If disposal of soil/fill from this Site is proposed for unregulated off-Site disposal (i.e. clean soil removed for development purposes), a formal request with an associated plan will be

made to the NYSDEC. Unregulated off-Site management of excavated materials from this Site will not occur without formal NYSDEC approval.

Off-Site disposal locations for excavated soils will be identified in the pre-excavation notification. This will include estimated quantities and a breakdown by class of disposal facility if appropriate, i.e. hazardous waste disposal facility, solid waste landfill, petroleum treatment facility, C/D recycling facility, etc. Actual disposal quantities and associated documentation will be reported to the NYSDEC in the Periodic Review Report. This documentation will include: waste profiles, test results, facility acceptance letters, manifests, bills of lading and facility receipts.

Non-hazardous historic fill and contaminated soils taken off-Site will be handled, at minimum, as a Municipal Solid Waste pursuant to 6NYCRR Part 360-1.2. Material that does not meet the lower of the NYSDEC's Soil Cleanup Objectives (SCOs) for residential use or groundwater protection will not be taken to a New York State recycling facility (6NYCRR Part 360-16 Registration Facility) without a beneficial use determination issued by the NYSDEC.

2.4.7 Materials Reuse On-Site

Soil and fill excavated at the Site may be reused as backfill material on Site provided the soil or fill contains no visual or olfactory evidence of contamination. The qualified environmental professional will ensure that procedures defined for materials reuse in this SMP are followed and that unacceptable material does not remain on-Site. Contaminated on-Site material, including historic fill and contaminated soil, that is acceptable for re-use on-site will be placed below the demarcation layer or impervious surface, and will not be reused within a cover soil layer, within landscaping berms, or as backfill for subsurface utility lines.

Any demolition material proposed for reuse on-Site will be sampled for asbestos and the results will be reported to the NYSDEC for acceptance. Concrete crushing or processing on-Site will not be performed without prior NYSDEC approval. Organic matter (wood, roots, stumps, etc.) or other solid waste derived from clearing and grubbing of the Site will not be reused on-Site.

2.4.8 Fluids Management

All liquids to be removed from the Site, including excavation dewatering and groundwater monitoring well purge and development waters, will be handled, transported and disposed in accordance with applicable local, State, and Federal regulations. Dewatering, purge and development fluids will not be recharged back to the land surface or subsurface of the Site, but will be managed off-Site.

Discharge of water generated during large-scale construction activities to surface waters (i.e. a local pond, stream or river) will be performed under a State Pollutant Discharge Elimination System (SPDES) permit.

2.4.9 Backfill from Off-Site Sources

Backfill materials utilized at the Site will be obtained from a NYSDOT approved source. The following material may be imported and used as backfill without chemical testing:

- Rock or stone, consisting of virgin material from a permitted mine or quarry; or
- Granular fill material (less than 10% passing #200 sieve) that is virgin material from a NYSDOT approved source.

Should the backfill material not meet one of the above requirements, the material will be tested via the collection of one composite sample for every 500 cubic yards for each source area and analyzed by a NYSDOH-certified Environmental Laboratory Accreditation Program (ELAP)-approved laboratory. The material will be used as backfill only if the analytical results do not exceed the Soil Cleanup Objectives found in NYSDEC Environmental Programs Subpart 375.

Trucks entering the Site with imported soils will be securely covered with tight fitting covers. Imported soils will be stockpiled separately from excavated materials and covered to prevent dust releases.

2.4.10 Stormwater Pollution Prevention

A Stormwater Pollution Prevention Plan will be developed for any future Site development activities affecting an area greater than one acre and will conform to the requirements of NYSDEC Division of Water guidelines and NYS regulations. As part of the Stormwater Pollution Prevention Plan, the following measures will be implemented:

Barriers and hay bale checks will be installed and inspected once a week and after every storm event. Results of inspections will be recorded in a logbook and maintained at the Site and available for inspection by NYSDEC. All necessary repairs shall be made immediately.

Accumulated sediments will be removed as required to keep the barrier and hay bale check functional.

All undercutting or erosion of the silt fence toe anchor shall be repaired immediately with appropriate backfill materials.

Manufacturer's recommendations will be followed for replacing silt fencing damaged due to weathering.

Erosion and sediment control measures identified in the SMP shall be observed to ensure that they are operating correctly. Where discharge locations or points are accessible, they shall be inspected to ascertain whether erosion control measures are effective in preventing significant impacts to receiving waters

Silt fencing or hay bales will be installed around the entire perimeter of the remedial construction area.

2.4.11 Contingency Plan

If underground tanks or other previously unidentified contaminant sources are found during post-remedial subsurface excavations or development-related construction, excavation activities will be suspended until sufficient equipment is mobilized to address the condition.

Sampling will be performed on product, sediment and surrounding soils, etc. as necessary to determine the nature of the material and proper disposal method. Chemical

analysis will be performed for a full list of analytes (TAL metals; TCL volatiles and semi-volatiles, TCL pesticides and PCBs), unless the Site history and previous sampling results provide a sufficient justification to limit the list of analytes. In this case, a reduced list of analytes will be proposed to the NYSDEC for approval prior to sampling.

Identification of unknown or unexpected contaminated media identified by screening during invasive Site work will be promptly communicated by phone to NYSDEC's Project Manager. Reportable quantities of petroleum product will also be reported to the NYSDEC spills hotline. These findings will be also included in daily and periodic electronic media reports.

2.4.12 Community Air Monitoring Plan

Community air monitoring will be conducted in compliance with the NYSDOH's Generic Community Air Monitoring Plan (CAMP). Real-time air monitoring for volatile compounds and particulates at the perimeter of the hot zone will be performed as described below.

VOC Monitoring

Periodic monitoring for VOCs will be conducted during non-intrusive activities such as the collection of groundwater samples. Periodic monitoring may include obtaining measurements upon arrival at a location, while opening a monitoring well cap, when purging a well, and upon leaving the location. In some instances, depending on the proximity of exposed individuals, continuous monitoring may be conducted during these activities.

Continuous monitoring for VOCs will be conducted during all ground intrusive activities (i.e., hand clearing, soil boring/excavation and monitoring well installation). Upwind concentrations will be measured at the start of each workday and periodically thereafter to establish background concentrations. VOCs will be monitored continuously at the downwind perimeter of the hot zone. Monitoring will be conducted with a PID equipped with a 10.6 eV lamp capable of calculating 15-minute running average concentrations.

- If total organic vapor levels exceed 5 ppm above background for the 15-minute average at the perimeter, work activities will be temporarily halted and monitoring continued. If levels readily decrease (per instantaneous readings) below 5 ppm above background, work activities will resume with continued monitoring.
- If total organic vapor levels at the downwind perimeter of the hot zone persist at levels in excess of 5 ppm above background but less than 25 ppm, work activities will be halted, the source of vapors identified, corrective actions taken to abate emissions, and monitoring continued. The corrective actions may include physically covering the source area and/or application of foam. After these steps work activities will resume provided that the total organic vapor level 200 feet downwind of the hot zone or half the distance to the nearest potential receptor or residential /commercial structure, whichever is less – but in no case less than 20 feet, is below 5 ppm above background for the 15-minute average.
- If the total organic vapor level is above 25 ppm at the perimeter of the hot zone, activities will be shutdown.

All 15-minute readings will be recorded and available for NYSDEC and NYSDOH personnel to review. Instantaneous readings, if any, will also be recorded.

Particulate Monitoring

Particulate concentrations will be monitored continuously at the downwind perimeter of the hot zone with a portable real-time particulate monitor capable of measuring particulate matter less than 10 micrometers in size and capable of integrating over a period of 15 minutes (or less). The equipment will include an audible alarm to indicate exceedence of the action level. Upwind concentrations will be measured at the start of each workday and periodically thereafter to establish background concentrations.

- If the downwind particulate level is 100 micrograms per cubic meter ($\mu g/m^3$) above background for the 15-minute period or if dust is observed leaving the work area, then dust suppression techniques will be employed. Work will continue with dust suppression provided that the downwind particulate level does not exceed 150 $\mu g/m^3$ above background and no visible dust is migrating from the work area.

- If, after implementation of dust suppression techniques, the downwind particulate level is greater than 150 μg/m^3 above background, work will be stopped and a re-evaluation of activities initiated. Work will resume provided that dust suppression measures and other controls are successful in reducing the downwind particulate level to within 150 μg/m^3 of the background (upwind) level and in preventing visible dust migration.

All readings will be recorded and be available for NYSDEC and NYSDOH personnel to review.

Air sampling stations will be based on generally prevailing wind conditions and will be adjusted on a daily or more frequent basis based on actual wind directions to provide an upwind and downwind monitoring stations.

Exceedences of action levels listed in the CAMP will be reported to NYSDEC and NYSDOH Project Managers.

2.4.13 Odor Control Plan

This odor control plan is capable of controlling emissions of nuisance odors off-Site. Specific odor control methods to be used on a routine basis will include reducing the exposed impacted area through sequenced excavation or plastic sheeting and use of available odor/vapor suppressant foams and sprays if airborne VOCs are found to be above acceptable levels. If nuisance odors are identified at the Site boundary, or if odor complaints are received, work will be halted and the source of odors will be identified and corrected. Work will not resume until all nuisance odors have been abated. NYSDEC and NYSDOH will be notified of all odor events and of any other complaints about the project. Implementation of all odor controls, including the halt of work, is the responsibility of the property owner and/or its contractor, and any measures that are implemented will be discussed in the Periodic Review Report.

All necessary means will be employed to prevent on- and off-Site nuisances. At a minimum, these measures will include: (a) limiting the area of open excavations and size of soil stockpiles; (b) shrouding open excavations with tarps and other covers; and (c) using foams to cover exposed odorous soils. If odors develop and cannot be

otherwise controlled, additional means to eliminate odor nuisances will include: (d) direct load-out of soils to trucks for off-Site disposal; (e) use of chemical odorants in spray or misting systems; and (f) use of staff to monitor odors in surrounding neighborhoods.

If nuisance odors develop during intrusive work and cannot be corrected, or where the control of nuisance odors cannot otherwise be achieved due to on-Site conditions or close proximity to sensitive receptors, odor control will be achieved by sheltering the excavation and handling areas in a temporary containment structure equipped with appropriate air venting/filtering systems.

2.4.14 Dust Control Plan

A dust suppression plan that addresses dust management during invasive on-Site work will include, at a minimum, the items listed below:

- Dust suppression will be achieved through the use of a dedicated on-Site water truck for unpaved construction road wetting. The truck will be equipped with a water cannon capable of spraying water directly onto off-road areas including excavations and stockpiles.
- Clearing and grubbing of any section of the Site encompassing an area of one acre or more will be done in stages to limit the area of exposed, unvegetated soils vulnerable to dust production.
- Gravel will be used on unpaved construction roadways to provide a clean and dust-free road surface.
- On-Site unpaved construction roads will be limited in total area to minimize the area required for water truck sprinkling.

2.4.15 Other Nuisances

A plan will be developed and utilized by the contractor for any post-remedial excavation activities to ensure compliance with local noise control ordinances.

2.5 INSPECTIONS AND NOTIFICATIONS

2.5.1 Periodic Inspections

Periodic inspections of all remedial components installed at the Site will be conducted at the frequency specified in SMP Monitoring Plan schedule. A comprehensive Site-wide inspection will be conducted annually, regardless of the frequency of the Periodic Review Report. The inspections will determine and document the following:

- Whether Engineering Controls continue to perform as designed;
- If these controls continue to be protective of human health and the environment;
- Compliance with requirements of this SMP and the NYSDEC-approved Declaration of Covenants and Restrictions executed by Con Edison for the Site;
- Achievement of remedial performance criteria;
- Sampling and analysis of appropriate media during monitoring events;
- If Site records are complete and up to date; and
- Changes, or needed changes, to the remedial or monitoring system;

Inspections will be conducted in accordance with the procedures set forth in the Monitoring Plan of this SMP (Section 3), using the Site-Wide Inspection Form included in Appendix D. The reporting requirements are outlined in the Site Management Reporting Plan (Section 2.6).

If an emergency, such as a natural disaster or an unforeseen failure of any of the ECs occurs, an inspection of the Site will be conducted within five (5) days of the event to verify the effectiveness of the EC/ICs implemented at the Site by a qualified environmental professional as determined by NYSDEC.

2.5.2 Notifications

Notifications will be submitted by the Site owner to the NYSDEC as needed for the following reasons:

- 60-day advance notice of any proposed changes in Site use that are required under the terms of the Consent Order, 6NYCRR Part 375, and/or Environmental Conservation Law.

- 10-day advance notice of any proposed ground-intrusive activities that will require excavations deeper than four feet in depth or will disturb greater than 10 cubic yards of soil.
- Notice within 48-hours of any damage or defect to the foundations of any structures that reduces or has the potential to reduce the effectiveness of any Engineering Controls in place at the Site and likewise any action to be taken to mitigate the damage or defect.
- Notice within 48-hours of any emergency, such as a fire, flood, or earthquake that reduces or has the potential to reduce the effectiveness of Engineering Controls in place at the Site, including a summary of actions taken, or to be taken, and the potential impact to the environment and the public.
- Follow-up status reports on actions taken to respond to any emergency event requiring ongoing responsive action shall be submitted to the NYSDEC within 45 days and shall describe and document actions taken to restore the effectiveness of the ECs.

Notifications will be made to Mr. Anthony Karwiel, New York State Department of Environmental Conservation, 625 Broadway, 12th Floor, Albany, New York 12233-7013. In the event that NYSDEC develops a centralized notification system, that system will be used instead.

2.5.3 Evaluation and Reporting

The results of the inspection and Site monitoring data will be evaluated as part of the EC/IC certification to confirm that the:

- EC/ICs are in place, are performing properly, and remain effective;
- The Monitoring Plan is being implemented;
- Maintenance activities are being conducted properly; and, based on the above items,
- The Site remedy continues to be protective of public health and the environment and is performing as designed.

2.6 REPORTING PLAN

2.6.1 Introduction

A Periodic Review Report will be submitted to NYSDEC every year, beginning one year after the SMP for the Site is approved by the NYSDEC. The Periodic Review Report will be prepared in accordance with NYSDEC DER-10 "Technical Guidance for Site Investigation and Remediation". The frequency of submittal of the Periodic Review Report may be modified with the approval of the NYSDEC.

This report will include the following:

- Identification of all EC/ICs required for the Site;
- An assessment of the effectiveness of all Institutional and Engineering Controls for the Site;
- An evaluation of the Engineering and Institutional Control Plan and the Monitoring Plan for adequacy in meeting remedial goals;
- Results of the required annual Site inspections and severe condition inspections, if any;
- A compilation of all deliverables generated during the reporting period, as specified in Section 2 EC/IC Plan and Section 3 Monitoring Plan; and
- Certification of the EC/ICs.

2.6.2 Certification of Engineering and Institutional Controls

Inspection of the EC/ICs will occur at the frequency described in Section 3 (Monitoring Plan). After the last inspection of the reporting period, a Professional Engineer licensed to practice in New York State or an environmental professional acceptable to the NYSDEC will prepare a Periodic Review Report which certifies that:

- On-site ECs/ICs are unchanged from the previous certification unless otherwise noted;
- They remain in-place and are effective;
- The EC systems are performing as designed;

- Nothing has occurred that would impair the ability of the engineering and institutional controls in place for the Site to protect the public health and environment;
- Nothing has occurred that would constitute a violation or failure to comply with any operation and maintenance plan for such controls;
- Access is available to the Site by NYSDEC and NYSDOH to evaluate continued maintenance of such controls; and
- Site use is compliant with the NYSDEC-approved Declaration of Covenants and Restrictions executed for the Site by Con Edison.

2.6.3 Periodic Review Report

A Periodic Review Report will be submitted every year, beginning one year after the SMP for the Site is approved by the NYSDEC. The frequency of these reports may be reduced in subsequent years if approved by NYSDEC. The report will be submitted within 45 days of the end of each certification period. Other reports, such as validated groundwater data, may be submitted as determined by NYSDEC thereafter. Media sampling results will also be incorporated into the Periodic Review Report. The report will include:

- EC/IC certification;
- All applicable inspection forms and other records generated for the Site during the reporting period;
- Data summary tables and graphical representations of contaminants of concern by media (groundwater), which include identification of all compounds analyzed, along with the applicable standards, with all exceedences highlighted. These will include a presentation of past data sufficient for the NYSDEC to evaluate contaminant concentration trends;
- A data usability summary report (DUSR). Required laboratory data deliverables for samples collected during the reporting period, which include laboratory reporting forms and analytical results, will be reviewed and validated in accordance to USEPA Region II SOPs for organic and inorganic data review and will be presented in the DUSR;

- A Site evaluation, which includes the following:
    - The compliance of the remedy with the requirements of the IRM Work Plan;
    - The effectiveness of all ECs, etc., including identification of any needed repairs or modifications;
    - Any new conclusions or observations regarding Site contamination based on inspections or data generated by the Monitoring Plan for the media being monitored;
    - Recommendations regarding any necessary changes to the remedy and/or Monitoring Plan; and
    - The overall performance and effectiveness of the remedy.

The Periodic Review Report will be submitted, in hard-copy format, to the NYSDEC Regional Office located closest to the Site, and in electronic format to NYSDEC Central Office and the NYSDOH Bureau of Environmental Exposure Investigation.

3.0 MONITORING PLAN

3.1 INTRODUCTION

3.1.1 General

The Monitoring Plan describes the measures for evaluating the performance and effectiveness of the implemented ECs to reduce or mitigate contamination at the Site. ECs at the Site include an on-Site perimeter fence and a monitoring well network. This Monitoring Plan may only be revised with the approval of NYSDEC.

3.1.2 Purpose and Schedule

This Monitoring Plan describes the methods to be used for:

- Sampling and analysis of appropriate media (e.g., groundwater,);
- Assessing compliance with NYSDEC groundwater standards;
- Assessing achievement of the remedial performance criteria;
- Evaluating Site information periodically to confirm that the remedy continues to be effective in protecting public health and the environment; and
- Preparing the necessary reports for the various monitoring activities.

To adequately address these issues, this Monitoring Plan provides information on:

- Sampling locations, protocol, and frequency;
- Information on all designed monitoring systems (e.g., well logs);
- Analytical sampling program requirements;
- Reporting requirements;
- Quality Assurance/Quality Control (QA/QC) requirements;
- Inspection and maintenance requirements for monitoring wells;
- Monitoring well decommissioning procedures; and
- Annual inspection and periodic certification.

Semiannual monitoring of the performance of the remedy and overall stability or reduction in contamination on-Site will be conducted until November 2010. The frequency of such monitoring thereafter will be determined by NYSDEC and incorporated into the SMP as an NYSDEC-approved amendment thereto. Trends in contaminant levels in groundwater in the affected areas, will be evaluated to determine if the remedy continues to be effective in achieving remedial goals. Monitoring programs for environmental media are summarized in Table 8 and outlined in detail in Sections 3.2 through 3.5 below.

Table 8: Media Monitoring Schedule

Monitoring Program	Frequency*	Matrix	Analysis
Post-IRM Monitoring Program	Semiannual	Groundwater	VOC's, SVOCs

* The frequency of events will be conducted as specified until otherwise approved by NYSDEC and NYSDOH

3.2 GROUNDWATER MONITORING PROGRAM

Groundwater monitoring will be performed on a periodic basis to assess the performance of the remedy.

The post-IRM groundwater monitoring plan presented in the *IRM Report* required that groundwater samples be collected semi-annually for a period of two years following installation of the new monitoring wells. An evaluation of data collected over those initial two years, as well as data collected over two subsequent years, was summarized in the January 31, 2008 letter to the NYSDEC. The January 31, 2008 letter recommended that groundwater samples be collected semi-annually for two additional years and that the monitoring program be re-evaluated at the conclusion of those two years (i.e., following the November 2010 sampling event). During each sampling event, groundwater samples are collected from each of the eight monitoring wells and submitted for laboratory analysis of

VOCs using EPA Method 8260 and SVOCs using Method 8270. Results are summarized after each sampling event and provided to the NYSDEC.

3.2.1 Monitoring System Design

A monitoring well network that includes eight wells (MW-3, MW-6 through MW-10, MW-11A and MW-12) has been installed at the Site as depicted on Figure 10. The network of monitoring wells has been installed to monitor both up-gradient and down-gradient groundwater conditions at the Site. The locations were selected based on observations made during the IRM excavation activities and groundwater elevation data obtained during the PSA, which indicates groundwater flow direction at the Site is to the southeast. The network of on-site wells has been designed based on the following criteria:

- MW-3 was installed during the PSA in the southern portion of the Site to assess groundwater flow direction, determine the potential impact of MGP residuals and other constituents on groundwater quality, and evaluate the potential presence of free product.

- MW-6 was installed to replace old monitoring well MW-4 in the northwest corner of the Site which is no longer accessible. MW-6 serves as an upgradient monitoring well.

- MW-7 was installed downgradient of the Dripleg-1 area encountered during the IRM excavation activities. Visibly impacted soils were observed in this area at the groundwater table during the remedial excavation.

- MW-8 was installed within the center of the former gas holder footprint. MW-8 serves to monitor groundwater conditions in the center of the Site and downgradient of the Dripleg-2 area, where a large volume of impacted soils were encountered during the IRM excavation.

- MW-9 was installed in the vicinity of the SB-9 area where impacted materials were encountered adjacent to the eastern Site boundary during the IRM excavation activities.

- MW-10 was installed downgradient of the Dripleg-3 area where impacted materials were encountered during the IRM excavation activities. Visibly impacted soils were observed in this area at the groundwater table.

- MW-11A was installed downgradient of the TP-8 area and adjacent to the southern Site boundary, where visibly impacted soils were encountered during IRM excavation at the groundwater table. Monitoring well MW-11A was installed as a replacement for MW-11 which was damaged during Site operations.

- MW-12 was installed adjacent to the southern Site boundary and downgradient of several impacted areas encountered during the IRM excavation activities.

Available monitoring well construction logs are included in Appendix E.

3.2.2 Groundwater Monitoring Schedule

Groundwater samples will be collected semi-annually for two years and the monitoring program will be re-evaluated following the November 2010 sampling event. The sampling frequency may be modified with the approval of the NYSDEC. The SMP will be modified to reflect changes in sampling plans approved by NYSDEC.

Deliverables for the groundwater monitoring program are specified below.

3.2.3 Sampling Event Protocol

All monitoring well sampling activities will be recorded in a field book and on a groundwater-sampling record as presented in Appendix F. Other observations (e.g., well integrity, etc.) will be noted on the well sampling log. The well sampling log will serve as the inspection form for the groundwater monitoring well network.

On-Site monitoring wells will be sampled using low-flow purging and sampling techniques. Prior to sampling, the headspace will be measured with a PID and monitoring wells will be gauged utilizing an oil/water interface probe to measure the depth to the water table and thickness of any free product in the well. Depth to water readings will be obtained and documented to the nearest 0.01 ft bgs. Any down-hole tooling will be properly decontaminated between each monitoring well. Subsequent to the round of monitoring well gauging, monitoring wells will be purged in preparation for sampling.

Monitoring wells will be purged by removing a minimum of three times the volume of standing water in the well. Water quality parameters including dissolved oxygen, oxidation-reduction potential, temperature, pH, conductivity, and turbidity will be recorded and when stable, a representative groundwater sample will be obtained. Water quality parameter measurements and observations will be recorded during purging and sampling and will be documented.

Laboratory analyses of groundwater samples will be conducted by an NYSDOH approved ELAP laboratory certified for analyses using Analytical Services Protocol (ASP). Laboratory analyses will be conducted in accordance with USEPA SW-846 methods and standard deliverable format including initial and continuing instrument calibrations, standard compound spikes, surrogate compound spikes, and analysis of other samples (blanks, laboratory control samples, matrix spikes/matrix spike duplicates, etc.). Additionally, data validation will be performed in accordance with USEPA validation guidelines for organic and inorganic data review. The groundwater samples will be submitted for laboratory analysis of volatile organic compounds (VOCs) using USEPA Method 8260 and semi-volatile organic compounds (SVOCs) using USEPA Method 8270.

3.3 MONITORING WELL REPAIRS, REPLACEMENT AND DECOMMISSIONING

If biofouling or silt accumulation occurs in the monitoring wells, the wells will be physically agitated/surged and redeveloped. Additionally, monitoring wells will be properly decommissioned and replaced (as per the Monitoring Plan), if an event renders the wells unusable.

Repairs and/or replacement of wells in the monitoring well network will be performed based on assessments of structural integrity and overall performance.

The NYSDEC will be notified prior to any repair or decommissioning of monitoring wells for the purpose of replacement, and the repair or decommissioning and replacement process will be documented in the subsequent periodic report. Well decommissioning without replacement will be done only with the prior approval of the

NYSDEC. Well abandonment will be performed in accordance with the NYSDEC's "Groundwater Monitoring Well Decommissioning Procedures." Monitoring wells that are decommissioned because they have been rendered unusable will be reinstalled in the nearest available location, unless otherwise approved by the NYSDEC.

3.4 MONITORING QUALITY ASSURANCE/QUALITY CONTROL

All sampling and analyses will be performed in accordance with the requirements of the Quality Assurance Project Plan (QAPP) prepared for the Site (Appendix G). Main components of the QAPP include:

- QA/QC Objectives for Data Measurement;
- Sampling Program:
    - Sample containers will be properly washed, decontaminated, and appropriate preservative will be added (if applicable) prior to their use by the analytical laboratory. Containers with preservative will be tagged as such.
    - Sample holding times will be in accordance with the NYSDEC ASP requirements.
    - Field QC samples (e.g., trip blanks, coded field duplicates, and matrix spike/matrix spike duplicates) will be collected as necessary.
- Sample Tracking and Custody;
- Calibration Procedures:
    - All field analytical equipment will be calibrated immediately prior to each day's use. Calibration procedures will conform to manufacturer's standard instructions.
    - The laboratory will follow all calibration procedures and schedules as specified in USEPA SW-846 and subsequent updates that apply to the instruments used for the analytical methods.
- Analytical Procedures;
- Preparation of a Data Usability Summary Report (DUSR), which will present the results of data validation, including a summary assessment of laboratory data

packages, sample preservation and chain of custody procedures, and a summary assessment of precision, accuracy, representativeness, comparability, and completeness for each analytical method.

- Internal QC and Checks;
- QA Performance and System Audits;
- Preventative Maintenance Procedures and Schedules;
- Corrective Action Measures.

3.5 ENGINEERING CONTROL SYSTEM MONITORING

On-Site Perimeter Fencing

The Site is enclosed by a 10-foot high chain link security fence. Access to the Site is through locked gates. Perimeter fencing has been installed and is maintained around the entire Site and will limit the potential for public exposure to on-site contaminants. The fencing was installed between November 2002 and March 2003. Procedures for inspection of the on-site perimeter fencing are documented in the Inspections and Notifications section (Section 2.5 of this SMP).

On-Site Monitoring Well Network

An on-site monitoring well network is maintained at the Site to monitor groundwater conditions. Protective casings and vault covers have been installed at each on-site monitoring well to limit access by unqualified personnel to contaminants in the groundwater. Available monitoring well construction logs are provided as Appendix E of this SMP. Procedures for inspection of the on-site monitoring well network are documented in the Inspections and Notifications section (Section 2.5 of this SMP).

3.5.1 Inspection Schedule

The engineering controls installed at the Site will be inspected annually to determine if, and when, maintenance activities are required to maintain the integrity of these features. The monitoring wells, protective casings and covers, and surrounding surface areas will be inspected during each monitoring event and annual inspection to determine if, and when, maintenance activities are required to maintain the integrity of

these features. In addition, the perimeter chain-link fencing surrounding the Site, including gates, will be inspected on an annual basis. The inspections will be performed to confirm that these items are present, functioning properly, and have not been damaged so as to compromise the effectiveness of each feature. Maintenance activities will be performed, as appropriate, based on the findings of the inspection. Maintenance activities may include, but are not limited to: the repair/replacement of damaged fencing, gates, and locks; the repair/replacement of damaged or missing well or vault covers; and the repair of damaged concrete or asphalt surfaces immediately surrounding the wells. The inspections and any maintenance activities performed will be reported to the NYSDEC.

Inspection frequency is subject to change with the approval of the NYSDEC. Unscheduled inspections and/or sampling may take place when a suspected failure of any EC system has been reported or an emergency occurs that is deemed likely to affect the operation of the system. Monitoring deliverables for the EC systems are specified later in this Plan.

3.5.2 General Equipment Inspection

On-Site Perimeter Fencing

A visual inspection of the complete system will be conducted during the monitoring event. The perimeter fence components to be monitored include, but are not limited to, the following:

- Integrity of chain-link fencing; and,
- Integrity of gates and locks.

On-Site Monitoring Well Network

A visual inspection of the complete system will be conducted during the monitoring event. Monitoring well network components to be monitored include, but are not limited to, the following:

- Well covers;
- Vault covers;
- Well caps; and

- Concrete well pads.

If any equipment is observed to be malfunctioning or damaged, maintenance and repair as per the Operation and Maintenance Plan will be performed immediately.

3.6 MONITORING REPORTING REQUIREMENTS

Forms and any other information generated during regular monitoring events and inspections will be kept on file. All forms, and other relevant reporting formats used during the monitoring/inspection events, will be (1) subject to approval by NYSDEC and (2) submitted at the time of the Periodic Review Report, as specified in Section 2.6.

All media and engineering system monitoring results will be reported to NYSDEC on a periodic basis in the Periodic Review Report. A letter report will also be prepared subsequent to each sampling event. The report will include, at a minimum:

- Date of event;
- Personnel conducting sampling;
- Description of the activities performed;
- Type of samples collected (e.g., sub-slab vapor, indoor air, outdoor air, etc);
- Copies of all field forms completed (e.g., well sampling logs, chain-of-custody documentation, inspection checklists, etc.);
- Sampling results in comparison to appropriate standards/criteria;
- A figure illustrating sample type and sampling locations;
- A data usability summary report (DUSR). Required laboratory data deliverables for samples collected during the reporting period, which include laboratory reporting forms and analytical results, will be reviewed and validated in accordance to USEPA Region II SOPs for organic and inorganic data review and will be presented in the DUSR;
- Any observations, conclusions, or recommendations; and
- A determination as to whether groundwater conditions have changed since the last reporting event.

4.0 OPERATION AND MAINTENANCE PLAN

4.1 INTRODUCTION

The Site remedy does not rely on any mechanical systems, such as sub-slab depressurization systems or air sparge/ soil vapor extraction systems to protect public health and the environment. Therefore, the operation and maintenance of such components is not included in this SMP.

4.2 CONTINGENCY PLAN

Emergencies may include injury to personnel, fire or explosion, environmental release, or serious weather conditions.

4.2.1 Emergency Telephone Numbers

In the event of any environmentally related situation or unplanned occurrence requiring assistance the property owner or property owner's representative(s) should contact the appropriate party from the contact list below. For emergencies, appropriate emergency response personnel should be contacted. Prompt contact should also be made to the Con Edison Project Manager. These emergency contact lists must be maintained in an easily accessible location at the Site.

Table 9: Emergency Contact Numbers

Medical, Fire, and Police:	911
One Call Center:	(800) 272-4480 (3 day notice required for utility markout)
Poison Control Center:	(800) 222-1222
Pollution Toxic Chemical Oil Spills:	(800) 424-8802
NYSDEC Spills Hotline	(800) 457-7362

Table 10: Other Contact Numbers

Ms. Yelena Skorobogatov (Con Edison Project Manager)	(718) 204-4205 – office
Mr. Eddy Louie (Con Edison)	(718) 204-4262 – office
Shane Blauvelt (Parsons Project Manager)	(315) 552-9675
Dig Safely New York	811

* Note: Emergency contact numbers are subject to change and will be updated whenever a change in personnel occurs

4.2.2 Map and Directions to Emergency Health Facility

Site Location: Corner of Farrington Street and 32nd Avenue in Flushing, Queens County, New York

Nearest Hospital Name: New York Flushing Hospital

Hospital Location: 4500 Parsons Blvd., Flushing, NY, 11355

Hospital Telephone: (718) 670-0500

Directions to the Hospital:

1. Start out going SOUTH on FARRINGTON ST toward 32ND AVE.

2. Turn LEFT on 35TH AVE.

3. Turn RIGHT onto PARSONS BLVD.

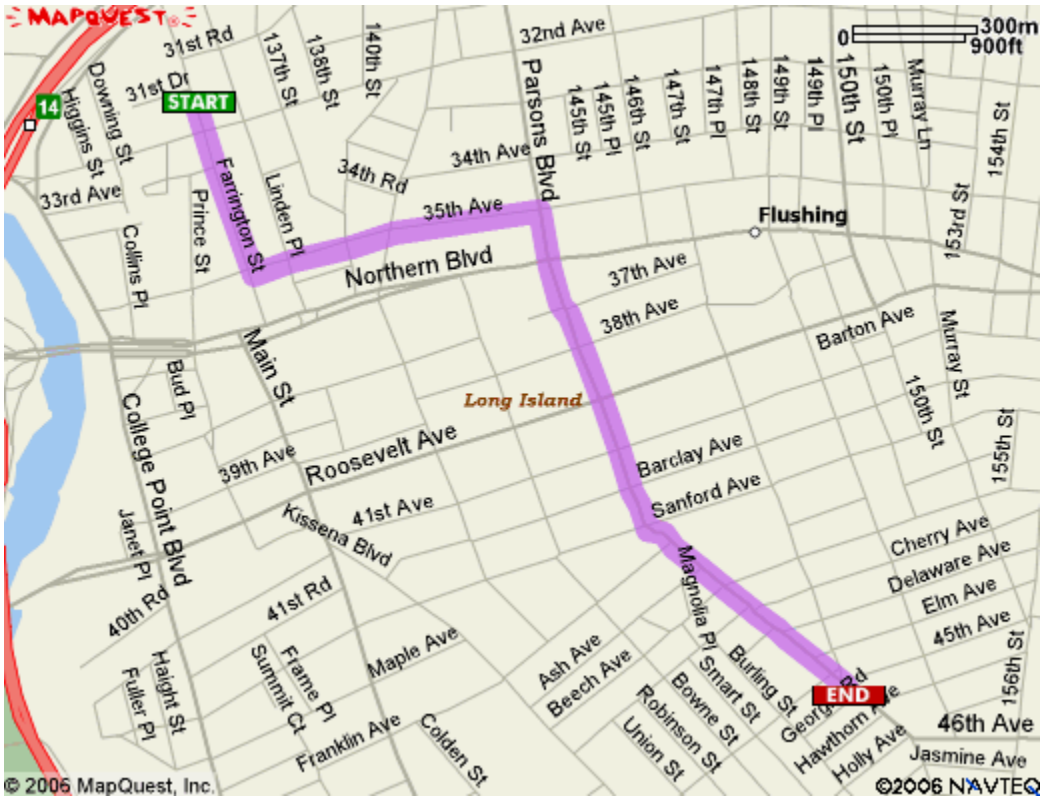
4. End at 4500 Parsons Blvd, Flushing, NY 11354

Total Distance: **1.58 miles**

Total Estimated Time: **5 minutes**

Figure 11 - Map Showing Route from the Site to the Hospital:

New York Flushing Hospital
4500 Parsons Blvd
Flushing, NY 11355
(718)- 670- 0500



4.2.3 Response Procedures

As appropriate, the fire department and other emergency response group will be notified immediately by telephone of the emergency. The emergency telephone number list is found at the beginning of this Contingency Plan (Table 9). The list will also be posted prominently at the Site and made readily available to all personnel at all times.

Procedures for spills – The nature of the ECs at the Site present very little to no danger of spills. Spill kits will be available onSite in the event of a spill and, if necessary, a contractor will be dispatched to perform cleanup activities.

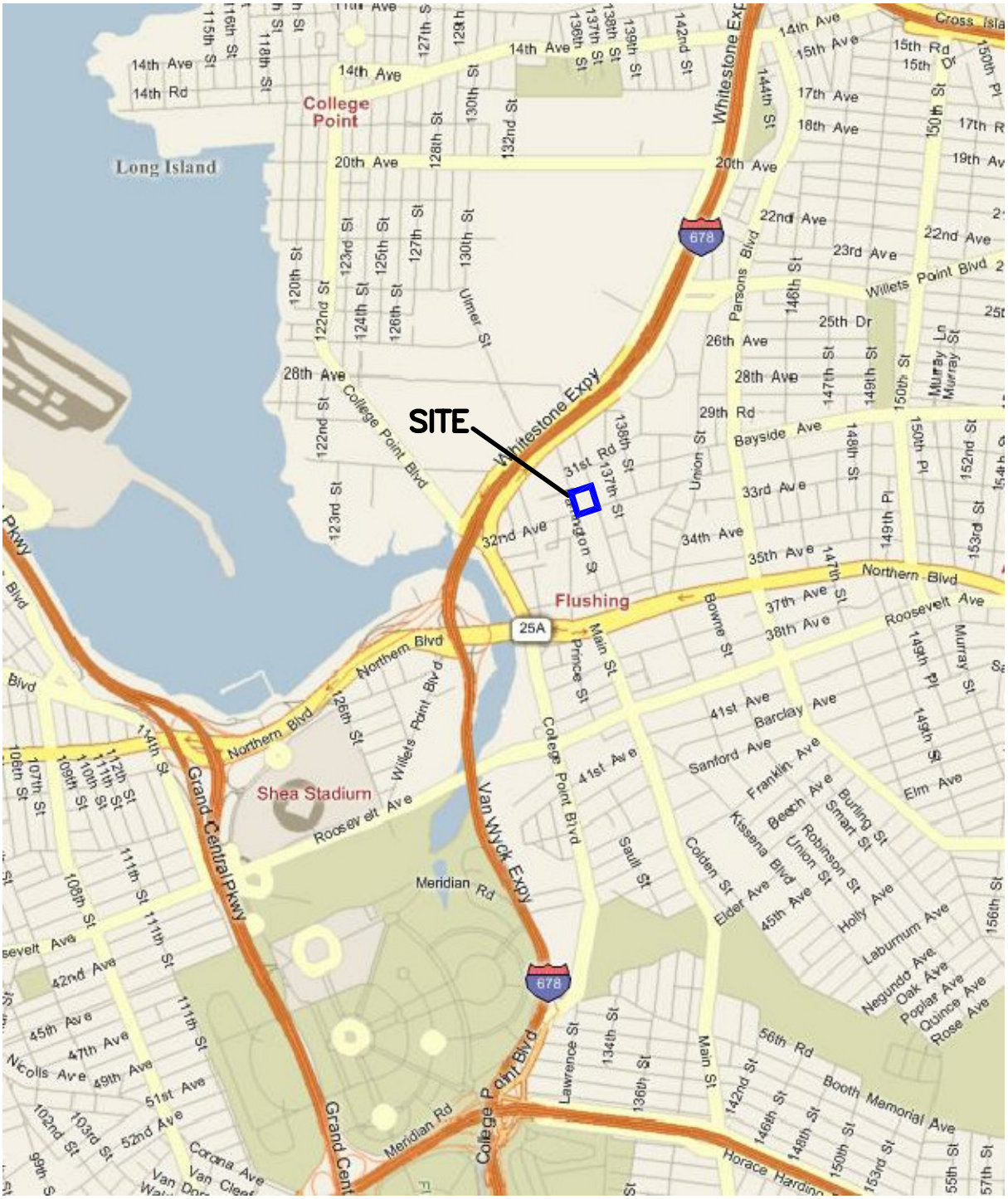
Evacuation Plans - the existing Site evacuation plan will be implemented as needed.

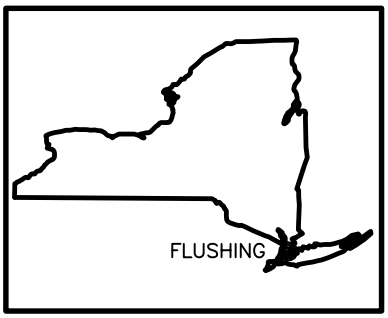
Amendments to the contingency plan will be made as required.

LIST OF TABLES

LIST OF FIGURES

LIST OF APPENDICES





QUADRANGLE LOCATION
NEW YORK

FILE NAME: P:\CONED\444575 – FARRINGTON STREET GAS WORKS\CAD\REPORT– 9–09\SITEMAP.DWG
PLOT DATE: 2/10/2010 10:25 AM PLOTTED BY: GOLDTHWAIT, JAMES

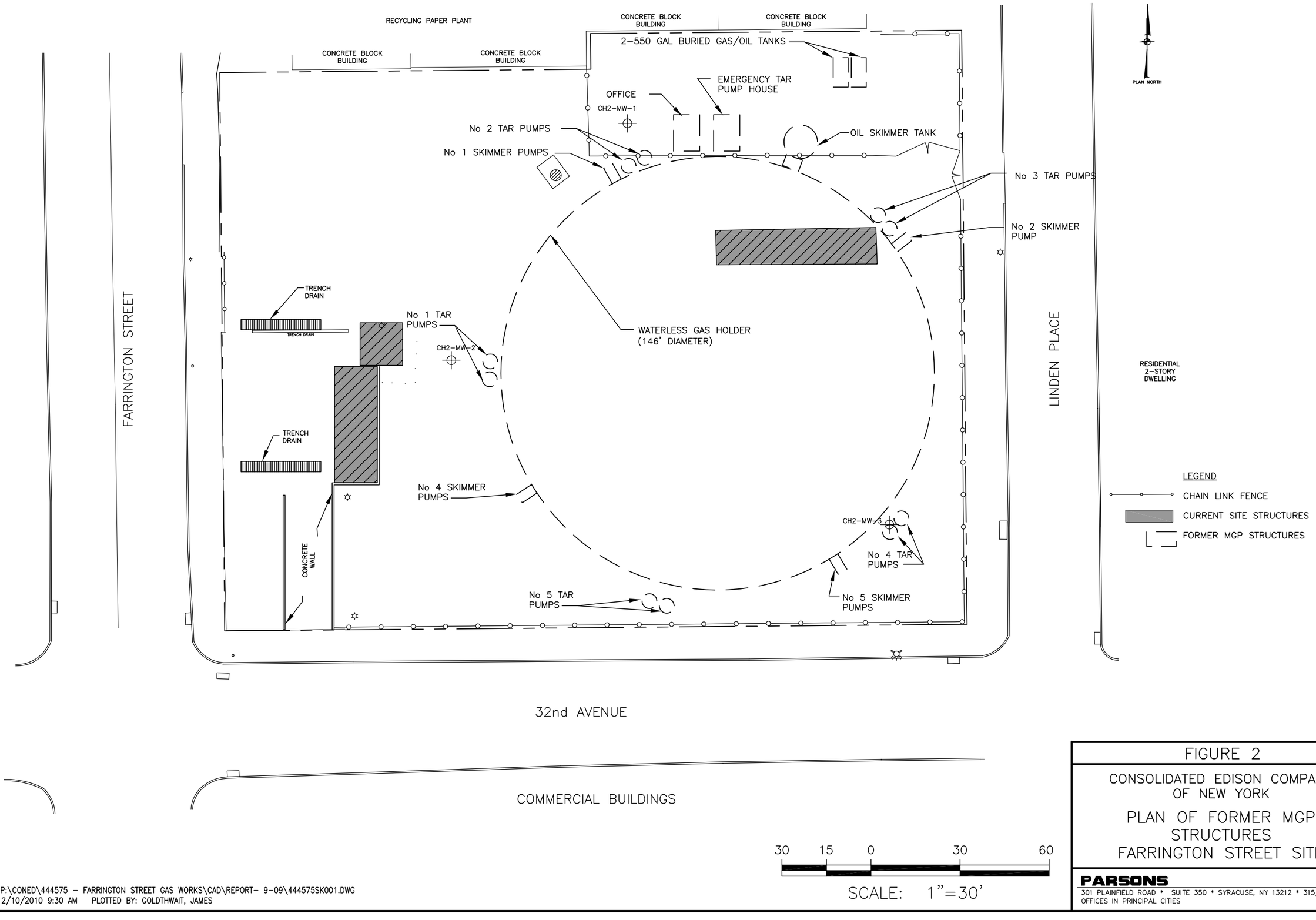
N

FIGURE 1

CONSOLIDATED EDISON COMPANY OF NEW YORK
FARRINGTON STREET SITE

SITE LOCATION MAP

PARSONS
301 PLAINFIELD ROAD * SUITE 350 * SYRACUSE, NY 13212 * 315/451–9560
OFFICES IN PRINCIPAL CITIES



FILE NAME: P:\CONED\444575 – FARRINGTON STREET GAS WORKS\CAD\REPORT– 9–09\444575SK001.DWG
PLOT DATE: 2/10/2010 9:30 AM PLOTTED BY: GOLDTHWAIT, JAMES

FIGURE 2

CONSOLIDATED EDISON COMPANY OF NEW YORK

PLAN OF FORMER MGP STRUCTURES
FARRINGTON STREET SITE

PARSONS
301 PLAINFIELD ROAD * SUITE 350 * SYRACUSE, NY 13212 * 315/451–9560
OFFICES IN PRINCIPAL CITIES

A
NORTHWEST

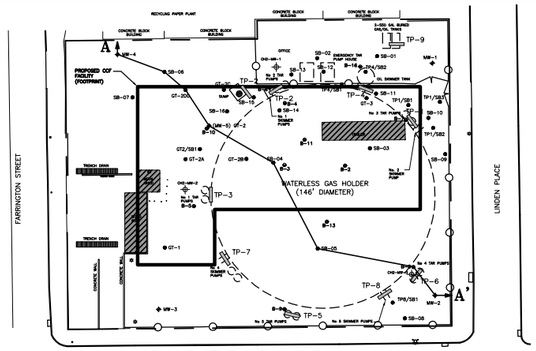
FORMER GAS HOLDER

A'
SOUTHEAST

MW-4 | SB-06 | GT-2DD | MW-5 (GT-2) | HOLDER FOUNDATION | SB-04 | SB-05 | HOLDER FOUNDATION | B-8 | TAR PUMP | MW-2

100'
90'
80'
70'
60'

MW-4: BTEX=ND PAH=ND; BTEX=0.008 PAH=ND; BTEX=0.006 PAH=ND
SB-06: BTEX=0.001 PAH=0.74; BTEX=0.39 PAH=161.2; BTEX=0.48 PAH=168.8; BTEX=ND PAH=0.26
GT-2DD: BTEX=ND PAH=11.75; BTEX=0.9 PAH=13.87; BTEX=0.012 PAH=1848.81; BTEX=0.023 PAH=13.08
MW-5 (GT-2): BTEX=1.328 PAH=410.1; BTEX=ND PAH=6.95; BTEX=0.01 PAH=0.85
SB-04: BTEX=ND PAH=ND; BTEX=ND PAH=1.73; BTEX=ND PAH=1.18; BTEX=ND PAH=8.54
SB-05: BTEX=ND PAH=0.06; BTEX=0.0008 PAH=5.38; BTEX=ND PAH=ND; BTEX=ND PAH=ND; BTEX=ND PAH=ND
B-8: BTEX=0.0007 PAH=0.66
MW-2: BTEX=ND PAH=5.3; BTEX=ND PAH=ND; BTEX=0.002 PAH=ND



SITE PLAN
NOT TO SCALE

SOIL BORING LOCATION
SCREENED INTERVAL
GROUNDWATER LEVEL
SOIL SAMPLE INTERVAL
BTEX=1.38 PAH=410.1 — BTEX AND PAH CONCENTRATIONS IN SOIL (mg/kg)
ND — NON-DETECT

SAND
SILT
GRAVEL
CONCRETE

10 5 0 10 20
SCALE: 1"=10'
VERTICAL SCALE

20 10 0 20 40
SCALE: 1"=20'
HORIZONTAL SCALE

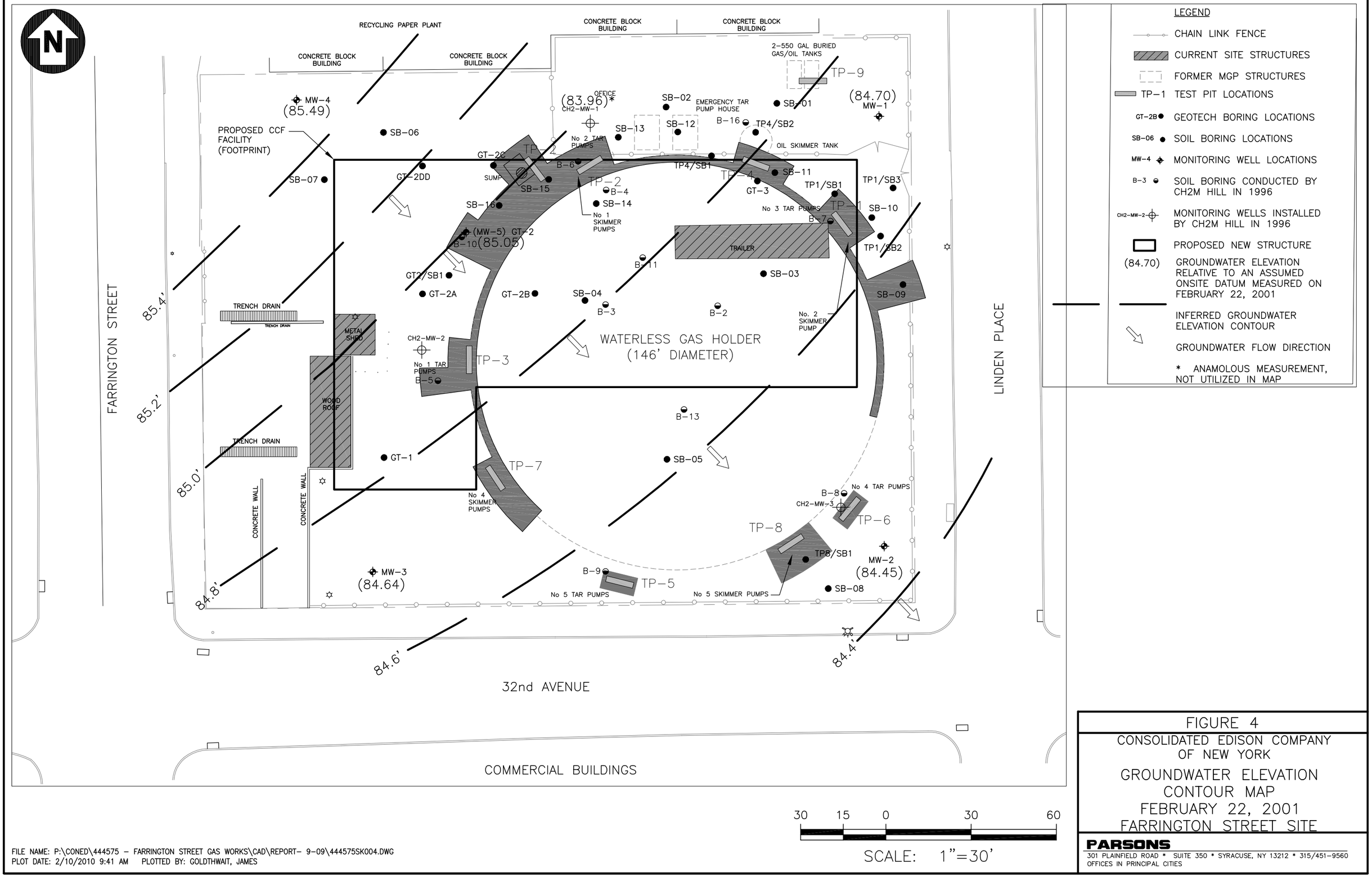
FIGURE 3

CONSOLIDATED EDISON COMPANY OF NEW YORK

CROSS SECTION A-A'
FARRINGTON STREET SITE

PARSONS
301 PLAINFIELD ROAD * SUITE 350 * SYRACUSE, NY 13212 * 315/451-9560
OFFICES IN PRINCIPAL CITIES

FILE NAME: P:\CONED\444575 - FARRINGTON STREET GAS WORKS\CAD\REPORT- 9-09\444575SK008.DWG
PLOT DATE: 2/10/2010 10:06 AM PLOTTED BY: GOLDTHWAIT, JAMES



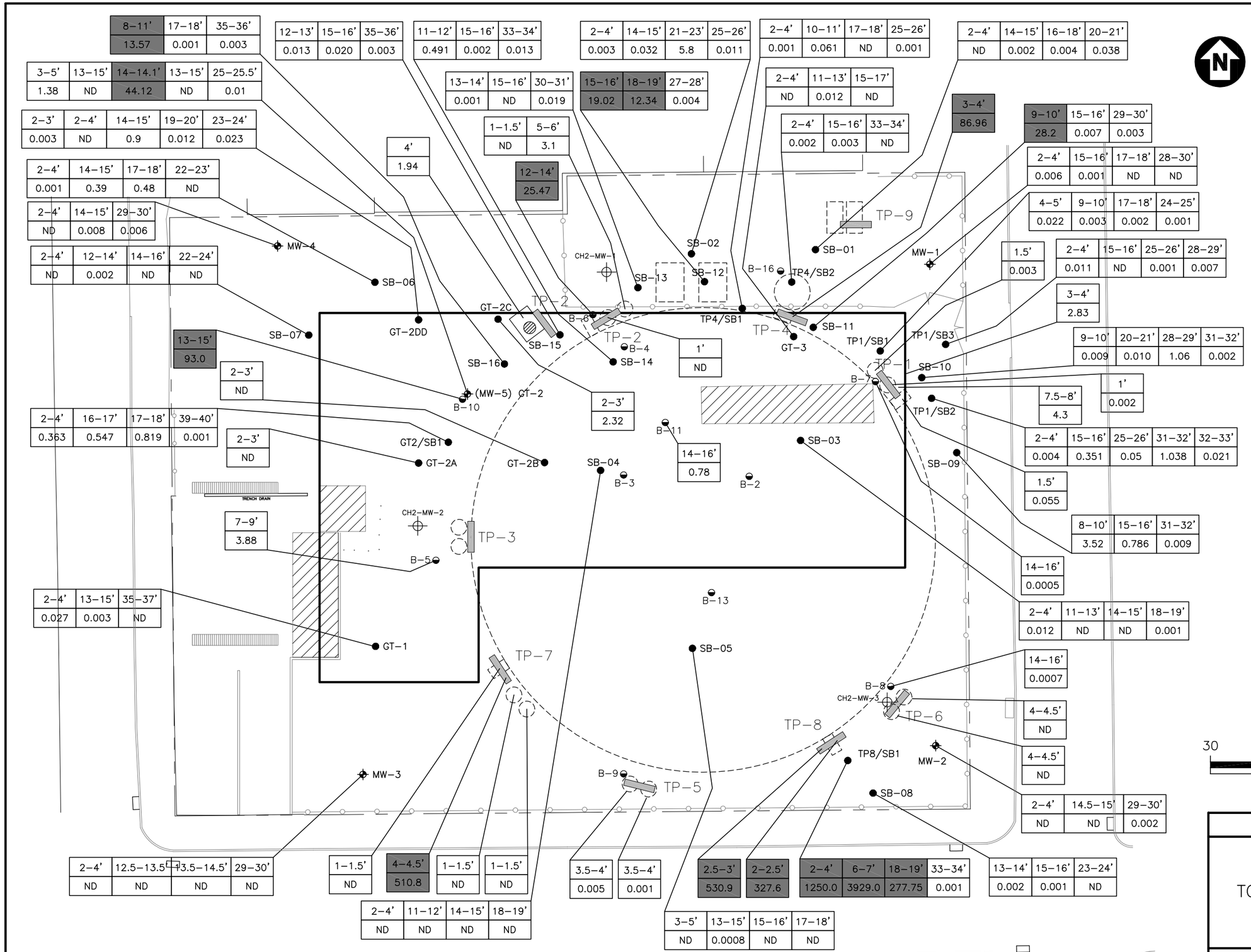
FILE NAME: P:\CONED\444575 – FARRINGTON STREET GAS WORKS\CAD\REPORT– 9–09\444575SK004.DWG
PLOT DATE: 2/10/2010 9:41 AM PLOTTED BY: GOLDTHWAIT, JAMES

FIGURE 4

CONSOLIDATED EDISON COMPANY OF NEW YORK

GROUNDWATER ELEVATION CONTOUR MAP
FEBRUARY 22, 2001
FARRINGTON STREET SITE

PARSONS
301 PLAINFIELD ROAD * SUITE 350 * SYRACUSE, NY 13212 * 315/451–9560
OFFICES IN PRINCIPAL CITIES



LEGEND

- CHAIN LINK FENCE
- CURRENT SITE STRUCTURES
- FORMER MGP STRUCTURES
- TP–1 TEST PIT LOCATIONS

2–4' / 0.006	SAMPLE DEPTH IN FEET / TOTAL BTEX (mg/Kg) CONCENTRATION IN SOIL
3–4' / 86.96	EXCEEDS VOC SOIL CLEANUP OBJECTIVE OF 10 mg/kg
ND	NOT DETECTED

FIGURE 5

CONSOLIDATED EDISON COMPANY OF NEW YORK

TOTAL BTEX CONCENTRATIONS IN SOIL
FARRINGTON STREET SITE

PARSONS
301 PLAINFIELD ROAD * SUITE 350 * SYRACUSE, NY 13212 * 315/451–9560
OFFICES IN PRINCIPAL CITIES

FILE NAME: P:\CONED\444575 – FARRINGTON STREET GAS WORKS\CAD\REPORT– 9–09\444575SK002.DWG
PLOT DATE: 2/10/2010 9:29 AM PLOTTED BY: GOLDTHWAIT, JAMES

2–3’	2–4’	14–15’	19–20’	23–24’
1.74	11.75	13.87	1848.81	13.08

2–4’	14–15’	17–18’	22–23’
0.74	161.29	168.81	0.26

2–4’	14–15’	29–30’
ND	ND	ND

2–4’	12–14’	14–16’	22–24’
0.06	0.05	56.79	0.05

3–5’	13–15’	25–25.5’
410.19	6.95	0.85

2–4’	16–17’	17–18’	39–40’
274.53	498.33	30.4	0.13

2–4’	14–15’	21–23’	25–26’
8.39	0.54	749.58	1.04

8–11’	17–18’	35–36’
67.22	68.65	ND

15–16’	18–19’	27–28’
584.73	506.55	ND

12–13’	15–16’	35–36’
0.041	0.078	4.929

13–14’	15–16’	30–31’
9.87	107.2	ND

2–4’	10–11’	17–18’	25–26’
99.08	231.28	0.028	0.078

2–4’	11–13’	15–17’
4.05	110.89	1.48

2–4’	14–15’	16–18’	20–21’
4.04	0.96	1.45	ND

2–4’	15–16’	33–34’
ND	4.11	0.05

4–5’
3,677.5

12–14’
1589.81

1’
26.74

2–3’
267.02

1–1.5’	5–6’
57.31	94.76

13–15’
217.26

2–3’
ND

2–3’
56.77

14–16’
36.85

11–12’	15–16’	33–34’
8.87	0.87	0.086

7–9’
2636

3–5’	13–15’	15–16’	17–18’
0.06	5.38	ND	ND

2–4’	13–15’	35–37’
ND	ND	ND

2–4’	12.5–13.5’	13.5–14.5’	29–30’
0.05	ND	3.42	ND

1–1.5’
236.08

4–4.5’	1–1.5’	1–1.5’	3.5–4’	3.5–4’
235.71	239.5	109.34	ND	2.58

2.5–3’	2–2.5’
1066.01	105522

2–4’	6–7’	18–19’	33–34’
1691.08	1283.4	401.71	1.71

13–14’	15–16’	23–24’
ND	ND	ND

2–4’	14.5–15’	29–30’
5.3	ND	ND

14–16’
ND

8–10’	15–16’	31–32’
1,247.5	219.57	0.020

2–4’	11–13’	14–15’	18–19’
ND	ND	96.24	0.29

2–4’	11–12’	14–15’	18–19’
ND	1.74	1.18	8.54

14–16’
0.66

4–4.5’
1.21

4–4.5’
12.69

9–10’	15–16’	29–30’
346.93	0.623	0.495

2–4’	15–16’	17–18’	28–30’
1.21	ND	0.91	ND

4–5’	9–10’	17–18’	24–25’
49.22	1.55	1.09	ND

1.5’
26.1

3–4’
1294.32

2–4’	15–16’	25–26’	28–29’
0.03	0.11	0.15	0.19

7.5–8’
651.69

1’
147.13

9–10’	20–21’	28–29’	31–32’
95.0	34.01	379.68	0.04

2–4’	15–16’	25–26’	31–32’	32–33’
19.64	163.27	209.3	272.83	0.39

1.5’
1,704.4

MW-4, MW-1, MW-2, MW-3, (MW-5), CH2-MW-1, CH2-MW-2, CH2-MW-3

SB-01, SB-02, SB-03, SB-04, SB-05, SB-06, SB-07, SB-08, SB-09, SB-10, SB-11, SB-12, SB-13, SB-14, SB-15, SB-16

GT-1, GT-2A, GT-2B, GT-2C, GT-2DD, GT-3, GT2/SB1

TP-1, TP-2, TP-3, TP-4, TP-5, TP-6, TP-7, TP-8, TP-9

TP1/SB1, TP1/SB2, TP1/SB3, TP4/SB1, TP4/SB2, TP8/SB1

B-1, B-2, B-3, B-4, B-5, B-6, B-7, B-8, B-9, B-10, B-11, B-13, B-16

LEGEND

- CHAIN LINK FENCE
- CURRENT SITE STRUCTURES
- FORMER MGP STRUCTURES
- TP–1 TEST PIT LOCATIONS
- PROPOSED NEW STRUCTURE
- 2–4’ / 1.21 — SAMPLE DEPTH IN FEET; TOTAL PAH (mg/Kg) CONCENTRATION IN SOIL
- 3–4’ / 651.69 — EXCEEDS PAH SOIL CLEANUP OBJECTIVE OF 500 mg/kg
- ND — NOT DETECTED

30 15 0 30 60

SCALE: 1”=30’

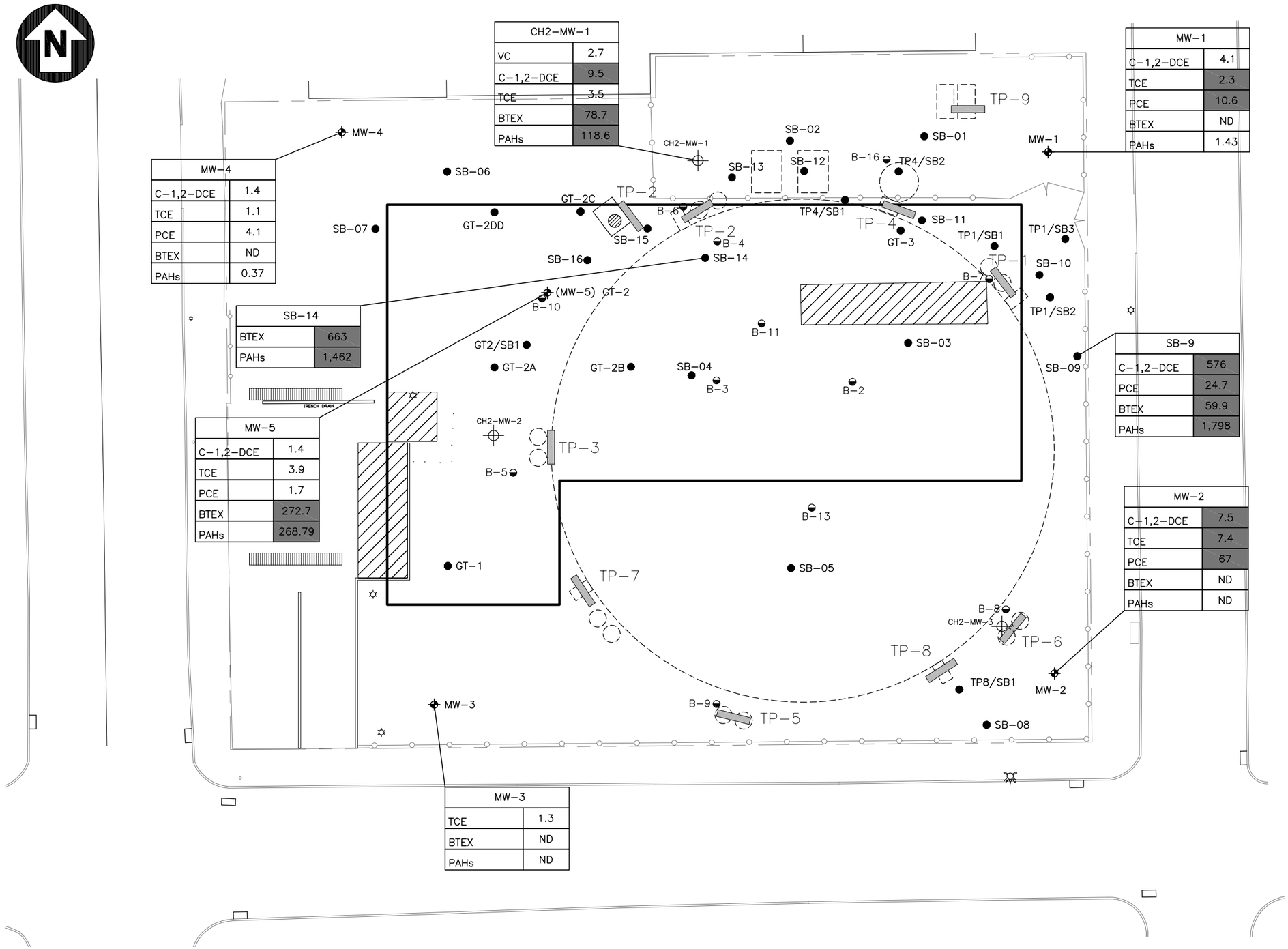
FIGURE 6

CONSOLIDATED EDISON COMPANY OF NEW YORK

TOTAL PAH CONCENTRATIONS IN SOIL
FARRINGTON STREET SITE

PARSONS
301 PLAINFIELD ROAD * SUITE 350 * SYRACUSE, NY 13212 * 315/451–9560
OFFICES IN PRINCIPAL CITIES

FILE NAME: P:\CONED\444575 – FARRINGTON STREET GAS WORKS\CAD\REPORT– 9–09\444575SK003.DWG
PLOT DATE: 2/10/2010 9:27 AM PLOTTED BY: GOLDTHWAIT, JAMES



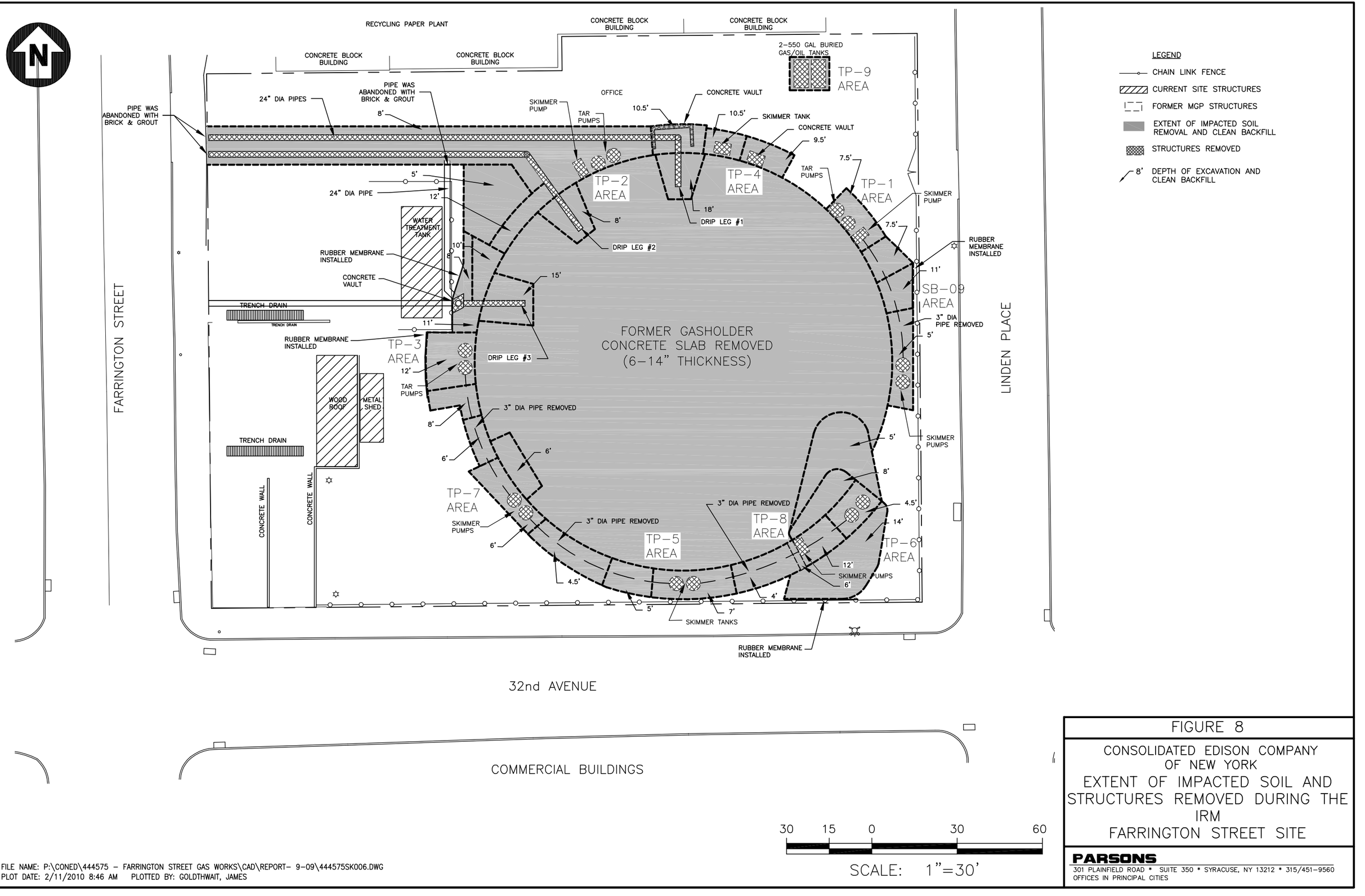
FILE NAME: P:\CONED\444575 – FARRINGTON STREET GAS WORKS\CAD\REPORT– 9–09\444575SK005.DWG
PLOT DATE: 2/10/2010 9:45 AM PLOTTED BY: GOLDTHWAIT, JAMES

FIGURE 7

CONSOLIDATED EDISON COMPANY OF NEW YORK

VOC AND SVOC CONCENTRATIONS IN GROUNDWATER FARRINGTON STREET SITE

PARSONS
301 PLAINFIELD ROAD * SUITE 350 * SYRACUSE, NY 13212 * 315/451-9560
OFFICES IN PRINCIPAL CITIES



FILE NAME: P:\CONED\444575 – FARRINGTON STREET GAS WORKS\CAD\REPORT– 9–09\444575SK006.DWG
PLOT DATE: 2/11/2010 8:46 AM PLOTTED BY: GOLDTHWAIT, JAMES

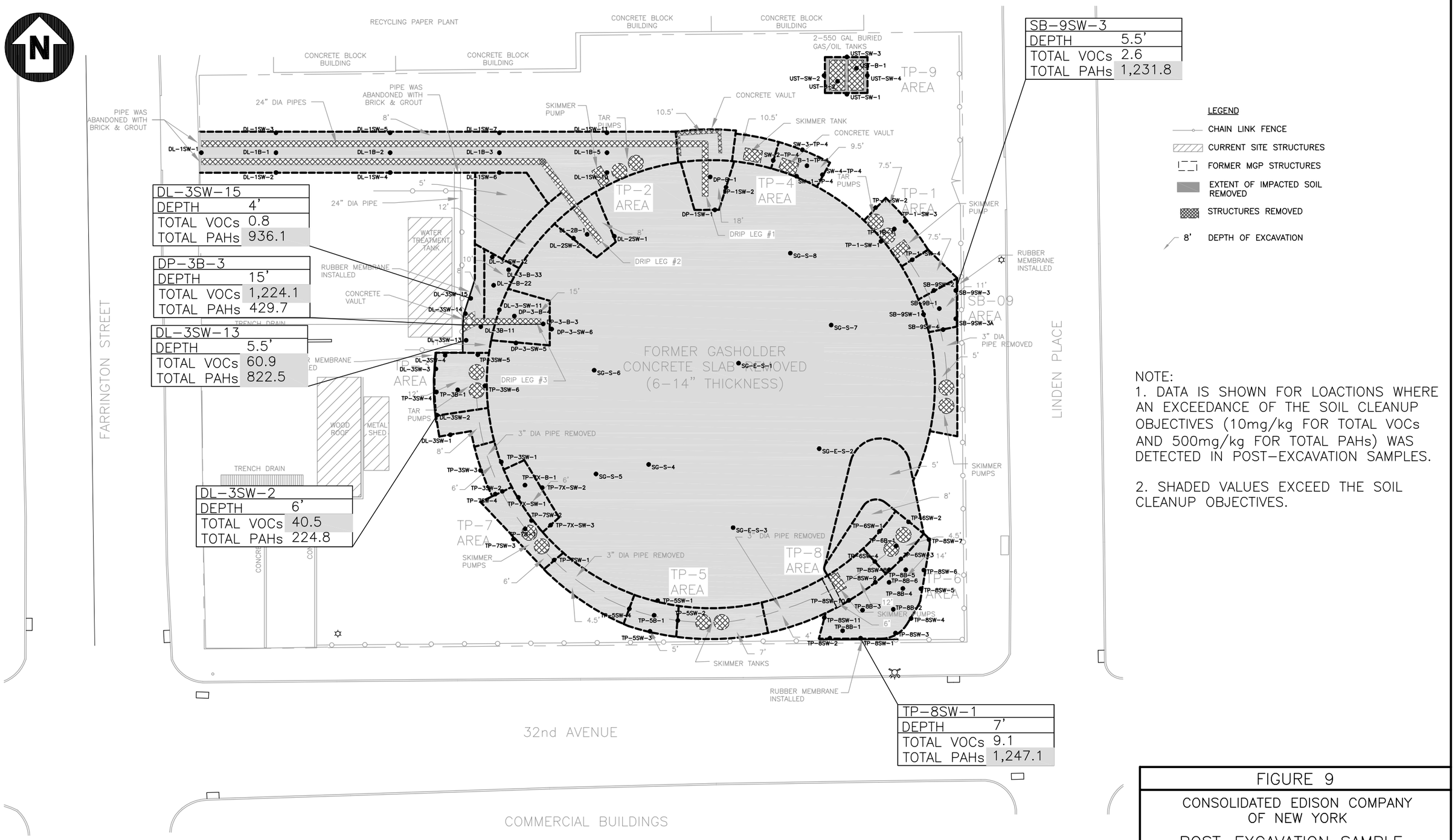
FIGURE 8

CONSOLIDATED EDISON COMPANY OF NEW YORK

EXTENT OF IMPACTED SOIL AND STRUCTURES REMOVED DURING THE IRM

FARRINGTON STREET SITE

PARSONS
301 PLAINFIELD ROAD * SUITE 350 * SYRACUSE, NY 13212 * 315/451–9560
OFFICES IN PRINCIPAL CITIES



DL-3SW-15	
DEPTH	4'
TOTAL VOCs	0.8
TOTAL PAHs	936.1

DP-3B-3	
DEPTH	15'
TOTAL VOCs	1,224.1
TOTAL PAHs	429.7

DL-3SW-13	
DEPTH	5.5'
TOTAL VOCs	60.9
TOTAL PAHs	822.5

DL-3SW-2	
DEPTH	6'
TOTAL VOCs	40.5
TOTAL PAHs	224.8

SB-9SW-3	
DEPTH	5.5'
TOTAL VOCs	2.6
TOTAL PAHs	1,231.8

TP-8SW-1	
DEPTH	7'
TOTAL VOCs	9.1
TOTAL PAHs	1,247.1

LEGEND

- CHAIN LINK FENCE
- CURRENT SITE STRUCTURES
- FORMER MGP STRUCTURES
- EXTENT OF IMPACTED SOIL REMOVED
- STRUCTURES REMOVED
- 8' DEPTH OF EXCAVATION

NOTE:
1. DATA IS SHOWN FOR LOACTIONS WHERE AN EXCEEDANCE OF THE SOIL CLEANUP OBJECTIVES (10mg/kg FOR TOTAL VOCs AND 500mg/kg FOR TOTAL PAHs) WAS DETECTED IN POST-EXCAVATION SAMPLES.

2. SHADED VALUES EXCEED THE SOIL CLEANUP OBJECTIVES.

30 15 0 30 60

SCALE: 1"=30'

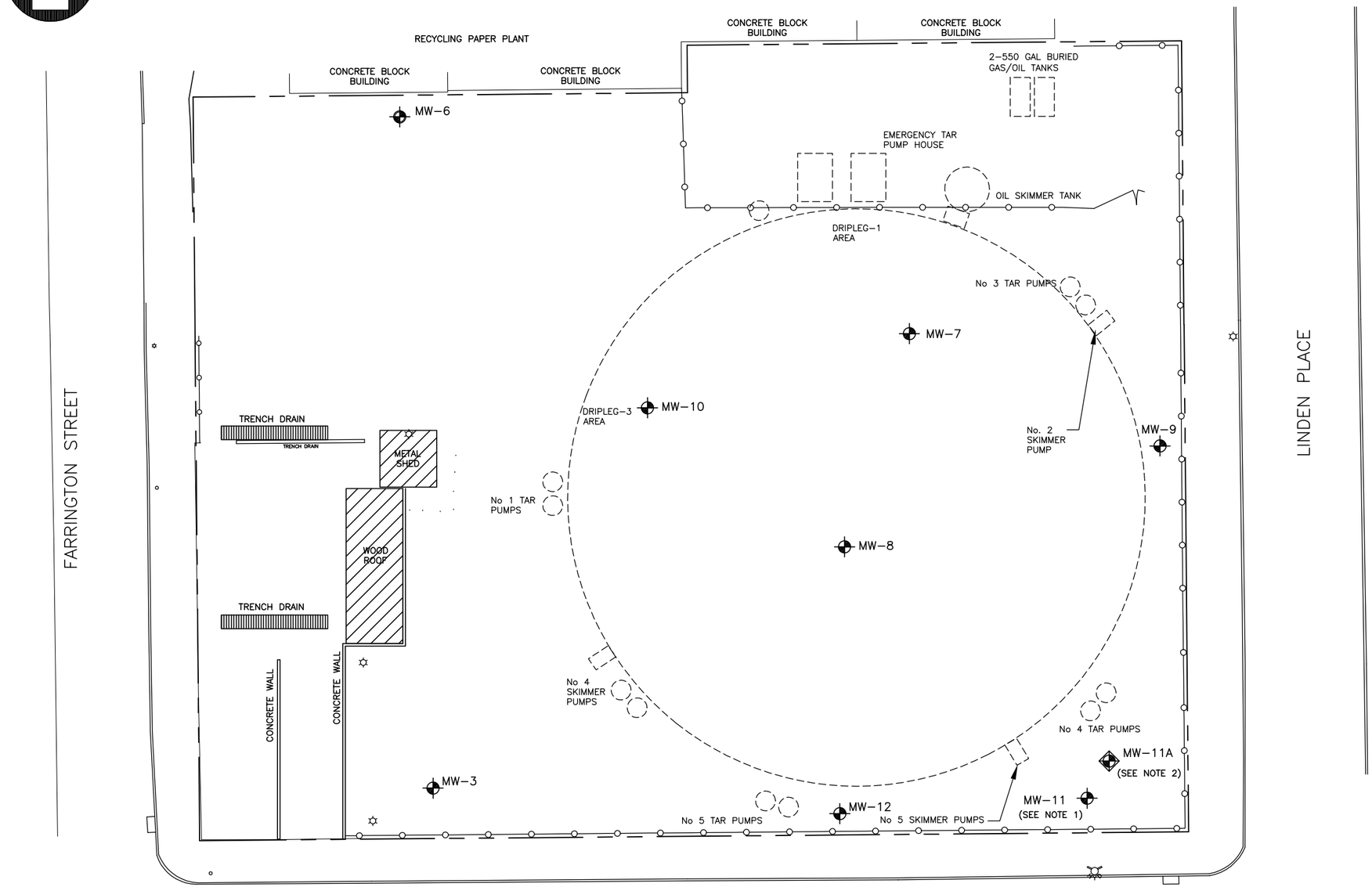
FILE NAME: P:\CONED\444575 - FARRINGTON STREET GAS WORKS\CAD\REPORT- 9-09\444575SK007.DWG
PLOT DATE: 2/10/2010 9:58 AM PLOTTED BY: GOLDTHWAIT, JAMES

FIGURE 9

CONSOLIDATED EDISON COMPANY OF NEW YORK

POST-EXCAVATION SAMPLE LOCATIONS
FARRINGTON STREET SITE

PARSONS
301 PLAINFIELD ROAD * SUITE 350 * SYRACUSE, NY 13212 * 315/451-9560
OFFICES IN PRINCIPAL CITIES



LEGEND

- CHAIN LINK FENCE
- FORMER MGP STRUCTURES
- MW–1 EXISTING MONITORING WELL LOCATION
- MW–11A NEW MONITORING WELL LOCATION

NOTES:

1. WELL DAMAGED AFTER 3/05, NO SAMPLES COLLECTED FOLLOWING THE 3/05 SAMPLING EVENT. WELL ABANDONED IN 5/06.
2. NEW MONITORING WELL INSTALLED IN 5/06 AS REPLACEMENT FOR MW–11.

30 15 0 30 60

SCALE: 1"=30'

FILE NAME: P:\CONED\444575 – FARRINGTON STREET GAS WORKS\CAD\REPORT– 9–09\444575SK009.DWG
PLOT DATE: 2/10/2010 10:10 AM PLOTTED BY: GOLDTHWAIT, JAMES

FIGURE 10

CONSOLIDATED EDISON COMPANY OF NEW YORK

MONITORING WELL NETWORK
FARRINGTON STREET SITE

PARSONS
301 PLAINFIELD ROAD * SUITE 350 * SYRACUSE, NY 13212 * 315/451–9560
OFFICES IN PRINCIPAL CITIES

TABLE 1
SUMMARY OF TEST PIT SOIL SAMPLE RESULTS
FARRINGTON STREET SITE

Client Sample ID:			01-01610-003		01-01610-004		01-01610-005		01-01727-004		01-01727-006		01-01610-001		01-01610-008		01-01610-006	
Laboratory ID:	**TAGM 4046 (1/94)**		**K2614-3**		**K2614-4**		**K2614-5**		**K2624-4**		**K2624-6**		**K2614-1**		**K2614-8**		**K2614-6**	
Sample Location:	**Soil Cleanup**		**TP-1 (skim)**		**TP-1 (pmp1)**		**TP-1 (pmp2)**		**TP-1 (tar pump**		**TP-1(pipe junc**		**TP-2**		**TP-2 (pmp1)**		**TP-2 (pmp2)**	
	Objectives /		**Skim Pump**		**Tar Pump 1**		**Tar Pump 2**		**Tar Pump 1**		**Pipe Junct**		**Skim Vault**		**Tar Pump 1**		**Tar Pump 2**	
	Eastern USA		**Inside**		**Inside**		**Inside**		**Outside**				**Inside**		**Inside**		**Inside**	
Sample Depth:	**Background**		**1.5'**		**1'**		**1.5'**		**7.5' - 8'**		**3' - 4'**		**4' - 5'**		**1'**		**1' - 1.5'**	
Matrix:			**Tarry Residue**		**Soil**		**Soil**		**Soil**		**Soil**		**Soil**		**Soil**		**Soil**	
Validated:			**No**		**No**		**No**		**No**		**No**		**No**		**No**		**No**	
Sampling Date:			**02/14/2001**		**02/14/2001**		**02/14/2001**		**02/15/2001**		**02/15/2001**		**02/13/2001**		**02/13/2001**		**02/14/2001**	
Analyte:		**Units:**																
PCBs																		
PCB 1016	1000	µg/kg	2.52	U	2.41	U	2.24	U	2.4	U	2.45	U	2.56	U	2.41	U	2.43	U
PCB 1221	1000	µg/kg	11.9	U	11.3	U	10.5	U	11.3	U	11.6	U	12	U	11.3	U	11.4	U
PCB 1232	1000	µg/kg	2.63	U	2.51	U	2.34	U	2.51	U	2.56	U	2.67	U	2.51	U	2.53	U
PCB 1242	1000	µg/kg	1.98	U	1.89	U	1.76	U	1.88	U	1.93	U	2.01	U	1.89	U	1.9	U
PCB 1248	1000	µg/kg	4.44	U	4.25	U	3.95	U	4.24	U	4.33	U	4.52	U	4.25	U	4.28	U
PCB 1254	1000	µg/kg	6.73	U	6.43	U	5.98	U	6.42	U	6.56	U	6.84	U	6.43	U	6.48	U
PCB 1260	1000	µg/kg	7.73	U	226		260		7.37	U	7.53	U	7.85	U	150		7.44	U
Volatiles																		
Chloromethane	NA *	µg/kg	2.1	U	0.8	U	0.37	U	52.9	U	4.7	U	4.89	U	0.4	U	0.4	U
Bromomethane	NA *	µg/kg	2.41	U	0.92	U	0.43	U	36.8	U	4.76	U	4.95	U	0.46	U	0.46	U
Vinyl Chloride	200	µg/kg	2.1	U	0.8	U	0.37	U	51.5	U	5.66	U	5.89	U	0.4	U	0.4	U
Chloroethane	1900	µg/kg	1.17	U	0.45	U	0.21	U	48.5	U	5	U	5.2	U	0.22	U	0.23	U
Methylene Chloride	100	µg/kg	47.9	B	17.6	B	11.8	B	29.4	U	7.6		30.7	B	12.7	B	12.6	B
Acetone	200	µg/kg	26.8	U	10.2	U	67		278	U	99.1	B	144		5.12	U	5.16	U
Carbon disulfide	2700	µg/kg	1.67	U	0.64	U	3.4		22	U	4.33	U	4.51	U	0.32	U	0.32	U
1,1-Dichloroethene	400	µg/kg	1.3	U	0.5	U	0.23	U	30.9	U	3.97	U	4.14	U	0.25	U	0.25	U
1,1-Dichloroethane	200	µg/kg	0.99	U	0.38	U	0.18	U	20.6	U	3.55	U	3.7	U	0.19	U	0.19	U
t-1,2-Dichloroethene	300	µg/kg	2.53	U	0.97	U	0.45	U	39.7	U	2.05	U	2.13	U	0.48	U	0.49	U
c-1,2-Dichloroethene	300	µg/kg	3.09	U	1.18	U	0.55	U	27.9	U	4.33	U	4.51	U	0.59	U	0.6	U
Chloroform	300	µg/kg	1.05	U	0.4	U	0.19	U	19.1	U	4.03	U	4.2	U	0.2	U	0.2	U
1,2-Dichloroethane	100	µg/kg	1.85	U	0.71	U	0.33	U	23.5	U	2.77	U	2.88	U	0.35	U	0.36	U
2-Butanone	300	µg/kg	15.5	U	5.92	U	2.76	U	150	U	5.6	U	5.83	U	2.96	U	2.99	U
1,1,1-Trichloroethane	800	µg/kg	1.73	U	0.66	U	0.31	U	16.2	U	4.27	U	4.45	U	0.33	U	0.33	U
Carbon Tetrachloride	600	µg/kg	1.67	U	0.64	U	0.3	U	26.5	U	4.51	U	4.7	U	0.32	U	0.32	U
Bromodichloromethane	NA *	µg/kg	1.17	U	0.45	U	0.21	U	26.5	U	4.09	U	4.26	U	0.22	U	0.23	U
1,2-Dichloropropane	NA *	µg/kg	1.11	U	0.42	U	0.2	U	23.5	U	3.85	U	4.01	U	0.21	U	0.21	U
cis-1,3-Dichloropropene	300	µg/kg	1.54	U	0.59	U	0.28	U	26.5	U	3.79	U	3.95	U	0.29	U	0.3	U
Trichloroethene	700	µg/kg	1.85	U	0.71	U	0.33	U	25	U	4.51	U	4.7	U	0.35	U	0.36	U
Dibromochloromethane	NA *	µg/kg	1.79	U	0.68	U	0.32	U	11.8	U	3.31	U	3.45	U	0.34	U	0.35	U
1,1,2-Trichloroethane	NA *	µg/kg	2.9	U	1.11	U	0.52	U	45.6	U	3.49	U	3.64	U	0.55	U	0.56	U
Benzene	60	µg/kg	1.73	U	0.66	U	1.8		281		0.78	U	32.4		0.33	U	0.33	U
trans-1,3-Dichloropropene	300	µg/kg	2.53	U	0.97	U	0.45	U	26.5	U	3.37	U	3.51	U	0.48	U	0.49	U
Bromoform	NA *	µg/kg	2.96	U	1.13	U	0.53	U	17.6	U	2.05	U	2.13	U	0.57	U	0.57	U
4-Methyl-2-pentanone	1000	µg/kg	9.13	U	3.49	U	1.63	U	75	U	10.4	U	10.8	U	1.75	U	1.76	U
2-Hexanone	NA *	µg/kg	9.56	U	3.66	U	1.71	U	131	U	8.43	U	8.78	U	1.83	U	1.84	U
Tetrachloroethene	1400	µg/kg	60.2		0.66	U	0.31	U	11.8	U	6		3.95	U	0.33	U	7.6	
Toluene	1500	µg/kg	5.2		0.78	U	1.3		826		11		238		0.39	U	0.39	U
1,1,2,2-Tetrachloroethane	600	µg/kg	3.09	U	1.18	U	0.55	U	19.1	U	3.55	U	3.7	U	0.59	U	0.6	U
Chlorobenzene	1700	µg/kg	1.79	U	0.68	U	0.32	U	10.3	U	1.63	U	1.69	U	0.34	U	0.35	U
Ethylbenzene	5500	µg/kg	21.4		0.8	U	0.37	U	79.5		23.3		107		0.4	U	0.4	U
Styrene	NA *	µg/kg	56.7		0.68	U	0.32	U	11.8	U	4.33	U	563		0.34	U	0.35	U
m,p-xylene	1200	µg/kg	16.7		2.6		0.69	U	932		346		894		0.74	U	0.75	U
o-xylene	1200	µg/kg	11.9		0.66	U	0.31	U	2190		2450		673		0.33	U	0.33	U
Total BTEX			**55.2**		**2.6**		**3.1**		**4308.5**		**2830.3**		**1944.4**		**ND**		**ND**	
Semi-Volatiles																		
Phenol	30	µg/kg	2410	U	576	U	35.7	U	383	U	391	U	1880	J	230	U	232	U
bis(2-Chloroethyl)ether	NA *	µg/kg	2320	U	554	U	34.4	U	369	U	377	U	2360	U	222	U	223	U
2-Chlorophenol	800	µg/kg	2370	U	566	U	35.1	U	376	U	384	U	2400	U	226	U	228	U
1,3-Dichlorobenzene	1600	µg/kg	2530	U	604	U	37.5	U	402	U	411	U	2570	U	242	U	244	U
1,4-Dichlorobenzene	8500	µg/kg	2460	U	588	U	36.4	U	391	U	399	U	2500	U	235	U	237	U
1,2-Dichlorobenzene	7900	µg/kg	2480	U	594	U	36.8	U	395	U	404	U	2520	U	238	U	239	U
2-Methylphenol	100	µg/kg	2050	U	491	U	30.4	U	326	U	333	U	1150	J	196	U	198	U
bis(2-Chloroisopropyl)ether	NA *	µg/kg	2680	U	640	U	39.7	U	426	U	435	U	2720	U	256	U	258	U
3+4-Methylphenol	NA *	µg/kg	1990	U	475	U	16.8	J	316	U	322	U	3390		190	U	191	U
N-Nitrosodi-n-propylamine	NA *	µg/kg	2410	U	577	U	35.7	U	384	U	392	U	2450	U	231	U	232	U
Hexachloroethane	NA *	µg/kg	2540	U	608	U	37.7	U	404	U	413	U	2580	U	243	U	245	U
Nitrobenzene	200	µg/kg	2790	U	666	U	41.3	U	443	U	452	U	2830	U	266	U	268	U
Isophorone	4400	µg/kg	2550	U	609	U	37.7	U	405	U	414	U	2590	U	243	U	245	U
2-Nitrophenol	330	µg/kg	1940	U	463	U	28.7	U	308	U	314	U	1970	U	185	U	186	U
2,4-Dimethylphenol	NA *	µg/kg	1170	U	280	U	17.3	U	186	U	190	U	1190	U	112	U	113	U
bis(2-Chloroethoxy)methane	NA *	µg/kg	2340	U	559	U	34.7	U	372	U	380	U	2380	U	224	U	225	U
2,4-Dichlorophenol	400	µg/kg	2030	U	485	U	30	U	322	U	329	U	2060	U	194	U	195	U
1,2,4-Trichlorobenzene	NA *	µg/kg	2450	U	587	U	36.4	U	390	U	399	U	2490	U	235	U	236	U
4-Chloroaniline	220	µg/kg	2550	U	610	U	37.8	U	406	U	415	U	2590	U	244	U	246	U
Hexachlorobutadiene	NA *	µg/kg	2460	U	588	U	36.4	U	391	U	399	U	2500	U	235	U	237	U
4-Chloro-3-methylphenol	240	µg/kg	1980	U	473	U	29.3	U	315	U	322	U	2010	U	189	U	191	U
Hexachlorocyclopentadiene	NA *	µg/kg	2060	U	492	U	30.5	U	327	U	334	U	2090	U	197	U	198	U
2,4,6-Trichlorophenol	NA *	µg/kg	1960	U	468	U	29	U	311	U	318	U	1990	U	187	U	188	U
2,4,5-Trichlorophenol	100	µg/kg	1880	U	450	U	27.9	U	300	U	306	U	1910	U	180	U	181	U
2-Chloronaphthalene	NA *	µg/kg	2250	U	539	U	33.4	U	358	U	366	U	2290	U	216	U	217	U
2-Nitroaniline	430	µg/kg	1770	U	424	U	26.3	U	282	U	288	U	1800	U	170	U	171	U
Dimethylphthalate	2000	µg/kg	2160	U	516	U	32	U	343	U	351	U	2190	U	206	U	208	U
2,6-Dinitrotoluene	1000	µg/kg	1990	U	476	U	29.5	U	317	U	324	U	2030	U	191	U	192	U
3-Nitroaniline	500	µg/kg	1900	U	455	U	28.2	U	303	U	309	U	1930	U	182	U	183	U

TABLE 1
SUMMARY OF TEST PIT SOIL SAMPLE RESULTS
FARRINGTON STREET SITE

Client Sample ID:			01-01610-003		01-01610-004		01-01610-005		01-01727-004		01-01727-006		01-01610-001		01-01610-008		01-01610-006	
Laboratory ID:	**TAGM 4046 (1/94)**		**K2614-3**		**K2614-4**		**K2614-5**		**K2624-4**		**K2624-6**		**K2614-1**		**K2614-8**		**K2614-6**	
Sample Location:	**Soil Cleanup**		**TP-1 (skim)**		**TP-1 (pmp1)**		**TP-1 (pmp2)**		**TP-1 (tar pump**		**TP-1(pipe junc**		**TP-2**		**TP-2 (pmp1)**		**TP-2 (pmp2)**	
	Objectives /		**Skim Pump**		**Tar Pump 1**		**Tar Pump 2**		**Tar Pump 1**		**Pipe Junct**		**Skim Vault**		**Tar Pump 1**		**Tar Pump 2**	
	Eastern USA		**Inside**		**Inside**		**Inside**		**Outside**				**Inside**		**Inside**		**Inside**	
Sample Depth:	**Background**		**1.5'**		**1'**		**1.5'**		**7.5' - 8'**		**3' - 4'**		**4' - 5'**		**1'**		**1' - 1.5'**	
Matrix:			**Tarry Residue**		**Soil**		**Soil**		**Soil**		**Soil**		**Soil**		**Soil**		**Soil**	
Validated:			**No**		**No**		**No**		**No**		**No**		**No**		**No**		**No**	
Sampling Date:			**02/14/2001**		**02/14/2001**		**02/14/2001**		**02/15/2001**		**02/15/2001**		**02/13/2001**		**02/13/2001**		**02/14/2001**	
Analyte:		**Units:**																
2,4-Dinitrophenol	200	µg/kg	2260	U	541	U	33.6	U	360	U	368	U	2300	U	217	U	218	U
4-Nitrophenol	100	µg/kg	1470	U	352	U	21.8	U	234	U	239	U	1500	U	141	U	142	U
Dibenzofuran	6200	µg/kg	9750		372	J	44.6		4190		7240		77900		68.5	J	207	U
2,4-Dinitrotoluene	NA *	µg/kg	1890	U	452	U	28	U	301	U	307	U	1920	U	181	U	182	U
Diethylphthalate	7100	µg/kg	1390	U	331	U	43.9		220	U	225	U	1410	U	132	U	133	U
4-Chlorophenyl phenyl ether	NA *	µg/kg	2200	U	525	U	32.5	U	349	U	357	U	2230	U	210	U	211	U
4-Nitroaniline	NA *	µg/kg	1660	U	398	U	24.7	U	265	U	270	U	1690	U	159	U	160	U
4,6-Dinitro-2-methylphenol	NA *	µg/kg	2100	U	501	U	31.1	U	333	U	341	U	2130	U	200	U	202	U
N-Nitrosodiphenylamine	NA *	µg/kg	1980	U	473	U	29.3	U	314	U	321	U	2010	U	189	U	190	U
4-Bromophenyl phenyl ether	NA *	µg/kg	2000	U	479	U	29.7	U	318	U	325	U	2040	U	192	U	193	U
Hexachlorobenzene	410	µg/kg	2200	U	525	U	32.6	U	349	U	357	U	2230	U	210	U	212	U
Pentachlorophenol	1000	µg/kg	1490	U	356	U	22.1	U	237	U	242	U	1510	U	142	U	143	U
Carbazole	NA *	µg/kg	9880		1270		271		1260		805	U	153000		427	J	711	
Di-n-butylphthalate	8100	µg/kg	4830	U	1160	U	267		769	U	785	U	4910	U	462	U	66.6	J
Butylbenzylphthalate	50000	µg/kg	1480	U	353	U	16.8	J	235	U	240	U	1500	U	85	J	142	U
3,3'-Dichlorobenzidine	NA *	µg/kg	4790	U	1140	U	16.8	J	761	U	778	U	4870	U	458	U	461	U
bis(2-Ethylhexyl)phthalate	50000	µg/kg	8530	U	242	J	72.1	J	1360	U	1380	U	8660	U	250	J	323	J
Di-n-octylphthalate	50000	µg/kg	1330	U	318	U	59.1	U	2420	U	4940	U	6750	U	127	U	128	U
Non Carcinogenic PAHs																		
Acenaphthene	50000*	µg/kg	51100		401	J	54.9		9470		23200		42500		204	U	117	J
Acenaphthylene	41000	µg/kg	90300		12700		1480		24000		33400		189000		4410		4720	
Anthracene	50000*	µg/kg	107000		3940		550		24600		56600		179000		1140		1560	
Benzo(g,h,i)perylene	50000*	µg/kg	19900		3450		907		12200		16000		4920	U	1950		1790	
Fluoranthene	50000*	µg/kg	182000		16300		2690		38300		95400		583000		2020		6710	
Fluorene	50000*	µg/kg	82700		1910		169		34000		86600		145000		75.6	J	181	J
2-Methylnaphthalene	36400	µg/kg	5380		2250		75.7		99900		259000		119000		319		176	J
Naphthalene	13000	µg/kg	9430		1270		77.6		11900		25900		107000		437		219	J
Phenanthrene	50000*	µg/kg	327000		15900		1500		159000		304000		693000		987		3370	
Pyrene	50000*	µg/kg	371000		27400		4600		105000		175000		565000		3440		10100	
Total Non Carcinogenic PAHs			1245810		85521		12104.2		518370		1075100		2622500		14778.6		28943	
Probable Carcinogenic PAHs																		
Benzo(a)anthracene	224 or MDL	µg/kg	107000		10200		1960		26900		56300		210000		1710		5210	
Benzo(b)fluoranthene	1100	µg/kg	56000		9940		2410		19400		30200		193000		2280		4160	
Benzo(k)fluoranthene	1100	µg/kg	74400		11700		2930		16500		20300		204000		2530		5400	
Benzo(a)pyrene	61 or MDL	µg/kg	101000		13200		3150		29500		39500		235000		3260		5500	
Chrysene	400	µg/kg	98000		13300		2440		27800		54200		213000		2100		6270	
Indeno(1,2,3-cd)pyrene	3200	µg/kg	19700		3270		1020		10000		13500		5130	U	96.6	U	1650	
Dibenz(a,h)anthracene	14 or MDL	µg/kg	2490		243	U	86.7		3220		5220		5160	U	82.6	J	183	
Total Probable Carcinogenic PAHs			458590		61610		13996.7		133320		219220		1055000		11962.6		28373	
Total PAHs			**1704400**		**147131**		**26100.9**		**651690**		**1294320**		**3677500**		**26741.2**		**57316**	
Metals																		
Aluminum	SB / 33000	mg/kg	4190		4830		4780		6800		6960		8200		7530		4860	
Antimony	SB / NA	mg/kg	0.63	U	0.6	U	0.56	U	10.5		5.74		0.64	U	0.6	U	0.61	U
Arsenic	7.5 or SB / 3-12	mg/kg	0.42	U	0.4	U	0.37	U	1.14		2.79		0.43	U	0.4	U	0.4	U
Barium	300 or SB / 15-600	mg/kg	152		1580		272		40.2		52.3		325		113		415	
Beryllium	0.16 or SB / 0-1.75	mg/kg	0.12	U	0.12	U	0.11	U	0.46		0.7		0.13	U	0.12	U	0.12	U
Cadmium	1 or SB / 0.1-1	mg/kg	0.049	U	0.047	U	0.044	U	2.07		1.78		0.05	U	0.047	U	0.048	U
Calcium	SB / 130-35000	mg/kg	20300		17200		81600		865		1970		16900		11700		34100	
Chromium	10 or SB / 1.5-40	mg/kg	0.062	U	0.059	U	0.055	U	16.3		10.8		0.063	U	0.059	U	0.06	U
Cobalt	30 or SB / 2.5-60	mg/kg	0.037	U	0.035	U	0.033	U	5.3		4.83		0.038	U	0.035	U	0.036	U
Copper	25 or SB / 1-50	mg/kg	0.11	U	0.11	U	0.099	U	10.7		12.5		0.11	U	0.11	U	0.11	U
Iron	2000 or SB / 2000-550000	mg/kg	15400		10500		10200		14500		11100		18700		18000		11700	
Lead	SB / 200-500	mg/kg	2040		4530		2830		149		138		4060		1820		1520	
Magnesium	SB / 100-5000	mg/kg	2990		2820		4180		2050		1540		3490		4790		8080	
Manganese	SB / 50-5000	mg/kg	129		152		193		110		147		185		241		171	
Mercury	0.1 / 0.001-0.2	mg/kg	0.23		0.21		0.19		0.07		0.17		0.22		0.11		0.18	
Nickel	13 or SB / 0.5-25	mg/kg	0.12	U	0.12	U	0.11	U	12		9.34		0.13	U	0.12	U	0.12	U
Potassium	SB / 8500-43000	mg/kg	7570		11000		17500		1030		541		17400		16300		10800	
Selenium	2 or SB / 0.1-3.9	mg/kg	0.22	U	0.21	U	0.2	U	0.21	U	0.22	U	0.22	U	0.21	U	0.21	U
Silver	SB / NA	mg/kg	0.23	U	0.22	U	0.21	U	0.22	U	0.23	U	0.24	U	0.22	U	0.23	U
Sodium	SB / 6000-8000	mg/kg	292		137		190		92.6	J	206		125	U	447		358	
Thallium	SB / NA	mg/kg	0.22	U	0.21	U	0.2	U	0.21	U	0.22	U	0.22	U	0.21	U	0.21	U
Vanadium	150 or SB / 1-300	mg/kg	0.037	U	0.035	U	0.033	U	18.5		14.4		0.038	U	0.035	U	0.036	U
Zinc	20 or SB / 9-50	mg/kg	1160		2220		2020		139		154		2520		1660		1630	
Cyanide		mg/kg	0.22	J	0.27	U	0.17	U	0.26	U	0.3	U	0.2	J	1.84		0.79	
% Solids		%	81		84.7		91.1		84.9		83.1		79.7		84.7		84.1	

TABLE 1
SUMMARY OF TEST PIT SOIL SAMPLE RESULTS
FARRINGTON STREET SITE

Client Sample ID:			01-01610-003		01-01610-004		01-01610-005		01-01727-004		01-01727-006		01-01610-001		01-01610-008		01-01610-006	
Laboratory ID:	**TAGM 4046 (1/94)**		**K2614-3**		**K2614-4**		**K2614-5**		**K2624-4**		**K2624-6**		**K2614-1**		**K2614-8**		**K2614-6**	
Sample Location:	**Soil Cleanup**		**TP-1 (skim)**		**TP-1 (pmp1)**		**TP-1 (pmp2)**		**TP-1 (tar pump**		**TP-1(pipe junc**		**TP-2**		**TP-2 (pmp1)**		**TP-2 (pmp2)**	
	Objectives /		**Skim Pump**		**Tar Pump 1**		**Tar Pump 2**		**Tar Pump 1**		**Pipe Junct**		**Skim Vault**		**Tar Pump 1**		**Tar Pump 2**	
	Eastern USA		**Inside**		**Inside**		**Inside**		**Outside**				**Inside**		**Inside**		**Inside**	
Sample Depth:	**Background**		**1.5'**		**1'**		**1.5'**		**7.5' - 8'**		**3' - 4'**		**4' - 5'**		**1'**		**1' - 1.5'**	
Matrix:			**Tarry Residue**		**Soil**		**Soil**		**Soil**		**Soil**		**Soil**		**Soil**		**Soil**	
Validated:			**No**		**No**		**No**		**No**		**No**		**No**		**No**		**No**	
Sampling Date:			**02/14/2001**		**02/14/2001**		**02/14/2001**		**02/15/2001**		**02/15/2001**		**02/13/2001**		**02/13/2001**		**02/14/2001**	
Analyte:		**Units:**																
Fingerprint																		
Gasoline		ppm	9.88	U	NR		NR		1.18	U	NR		10	U	NR		NR	
Lubricating Oils		ppm	9.88	U	NR		NR		1.18	U	NR		10	U	NR		NR	
Kerosene/Jet Fuel		ppm	9.88	U	NR		NR		1.18	U	NR		10	U	NR		NR	
#2 Fuel Oil/Diesel		ppm	9.88	U	NR		NR		1.18	U	NR		10	U	NR		NR	
#4 Fuel Oil		ppm	9.88	U	NR		NR		1.18	U	NR		10	U	NR		NR	
#6 Fuel Oil		ppm	9.88	U	NR		NR		1.18	U	NR		10	U	NR		NR	
THC By Mod 8100		ppm	69700		NR		NR		8210		NR		68100		NR		NR	
Chevron 100		ppm	9.88	U	NR		NR		1.18	U	NR		10	U	NR		NR	
Chevron 500		ppm	9.88	U	NR		NR		1.18	U	NR		10	U	NR		NR	
Silicon Base TR		ppm	9.88	U	NR		NR		1.18	U	NR		10	U	NR		NR	
High Vis. Cable		ppm	9.88	U	NR		NR		1.18	U	NR		10	U	NR		NR	
Low Vis. Cable		ppm	9.88	U	NR		NR		1.18	U	NR		10	U	NR		NR	
Sun#2 Base TR.O		ppm	9.88	U	NR		NR		1.18	U	NR		10	U	NR		NR	
Sun#4 Cable Oil		ppm	9.88	U	NR		NR		1.18	U	NR		10	U	NR		NR	
Sun#6 Cable Oil		ppm	9.88	U	NR		NR		1.18	U	NR		10	U	NR		NR	
Sun#8 II Base T		ppm	9.88	U	NR		NR		1.18	U	NR		10	U	NR		NR	
10C Transformer		ppm	9.88	U	NR		NR		1.18	U	NR		10	U	NR		NR	

TABLE 1
SUMMARY OF TEST PIT SOIL SAMPLE RESULTS
FARRINGTON STREET SITE

Client Sample ID:			01-01727-019		01-01727-002		01-01896-002		01-01896-001		01-01896-003		01-01896-004		01-01896-008	
Laboratory ID:	TAGM 4046 (1/94)		K2625-5		K2624-2		K2631-2		K2631-1		K2631-3		K2631-4		K2631-8	
Sample Location:	Soil Cleanup		TP-2 (pmp 2)		TP-4 (fill)		TP-5 (A)		TP-5 (B)		TP-6 (A)		TP-6 (B)		TP-7 (A)	
	Objectives /		Tar pump 2				Tar Pump A		Tar Pump B		Tar Pump A		Tar Pump B		Tar Pump A	
	Eastern USA		Inside				(Outside)		(Outside)		(Outside)		(Outside)		(Inside)	
Sample Depth:	Background		5' - 6'		3' - 4'		3.5' - 4'		3.5' - 4'		4' - 4.5'		4' - 4.5'		1' - 1.5'	
Matrix:			Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Validated:			No		No		No		No		No		No		No	
Sampling Date:			02/16/2001		02/15/2001		02/21/2001		02/21/2001		02/21/2001		02/21/2001		02/21/2001	
Analyte:		Units:														
PCBs																
PCB 1016	1000	µg/kg	2.55	U	3.26	U	2.52	U	2.52	U	2.25	U	2.4	U	2.32	U
PCB 1221	1000	µg/kg	12	U	15.4	U	11.8	U	11.9	U	10.6	U	11.3	U	10.9	U
PCB 1232	1000	µg/kg	2.66	U	3.41	U	2.63	U	2.64	U	2.35	U	2.51	U	2.43	U
PCB 1242	1000	µg/kg	2	U	2.56	U	1.97	U	1.98	U	1.77	U	1.88	U	1.82	U
PCB 1248	1000	µg/kg	4.5	U	5.76	U	4.44	U	4.46	U	3.98	U	4.24	U	4.1	U
PCB 1254	1000	µg/kg	6.81	U	8.72	U	6.72	U	6.75	U	6.02	U	6.41	U	6.21	U
PCB 1260	1000	µg/kg	243		10	U	7.72	U	7.75	U	133		7.36	U	7.13	U
Volatiles																
Chloromethane	NA *	µg/kg	56.2	U	2.72	U	0.42	U	0.97	U	0.37	U	0.92	U	0.39	U
Bromomethane	NA *	µg/kg	39	U	3.12	U	0.48	U	0.98	U	0.43	U	0.93	U	0.44	U
Vinyl Chloride	200	µg/kg	54.6	U	2.72	U	0.42	U	1.17	U	0.37	U	1.11	U	0.39	U
Chloroethane	1900	µg/kg	51.5	U	1.52	U	0.23	U	1.03	U	0.21	U	0.98	U	0.22	U
Methylene Chloride	100	µg/kg	31.2	U	4.32	U	5.6	B	2.1		3.1	B	1.6	B	0.62	U
Acetone	200	µg/kg	295	U	354	B	36.4	B	16.2	B	4.77	U	2	J	4.95	U
Carbon disulfide	2700	µg/kg	23.4	U	2.16	U	0.33	U	0.89	U	0.3	U	0.85	U	0.31	U
1,1-Dichloroethene	400	µg/kg	32.8	U	1.68	U	0.26	U	0.82	U	0.23	U	0.78	U	0.24	U
1,1-Dichloroethane	200	µg/kg	21.8	U	1.28	U	0.2	U	0.73	U	0.18	U	0.7	U	0.18	U
t-1,2-Dichloroethene	300	µg/kg	42.1	U	3.28	U	0.5	U	0.42	U	0.45	U	0.4	U	0.47	U
c-1,2-Dichloroethene	300	µg/kg	29.6	U	4	U	0.62	U	0.89	U	0.55	U	0.85	U	0.57	U
Chloroform	300	µg/kg	20.3	U	1.36	U	0.21	U	0.83	U	0.19	U	0.79	U	0.19	U
1,2-Dichloroethane	100	µg/kg	25	U	219		0.37	U	0.57	U	0.33	U	0.54	U	0.34	U
2-Butanone	300	µg/kg	159	U	20.1	U	3.09	U	1.15	U	2.76	U	1.1	U	2.86	U
1,1,1-Trichloroethane	800	µg/kg	17.2	U	2.24	U	0.34	U	0.88	U	0.31	U	0.84	U	0.32	U
Carbon Tetrachloride	600	µg/kg	28.1	U	2.16	U	0.33	U	0.93	U	0.3	U	0.88	U	0.31	U
Bromodichloromethane	NA *	µg/kg	28.1	U	1.52	U	0.23	U	0.84	U	0.21	U	0.8	U	0.22	U
1,2-Dichloropropane	NA *	µg/kg	25	U	1.44	U	0.22	U	0.79	U	0.2	U	0.76	U	0.21	U
cis-1,3-Dichloropropene	300	µg/kg	28.1	U	2	U	0.31	U	0.78	U	0.28	U	0.74	U	0.28	U
Trichloroethene	700	µg/kg	26.5	U	2.4	U	0.37	U	0.93	U	0.33	U	0.88	U	0.34	U
Dibromochloromethane	NA *	µg/kg	12.5	U	2.32	U	0.36	U	0.68	U	0.32	U	0.65	U	0.33	U
1,1,2-Trichloroethane	NA *	µg/kg	48.4	U	3.76	U	0.58	U	0.72	U	0.52	U	0.68	U	0.54	U
Benzene	60	µg/kg	225		3560		0.34	U	0.16	U	0.31	U	0.15	U	0.32	U
trans-1,3-Dichloropropene	300	µg/kg	28.1	U	3.28	U	0.5	U	0.69	U	0.45	U	0.66	U	0.47	U
Bromoform	NA *	µg/kg	18.7	U	3.84	U	0.59	U	0.42	U	0.53	U	0.4	U	0.55	U
4-Methyl-2-pentanone	1000	µg/kg	79.6	U	11.8	U	1.82	U	2.13	U	1.63	U	2.03	U	1.69	U
2-Hexanone	NA *	µg/kg	139	U	12.4	U	1.91	U	1.74	U	1.71	U	1.65	U	1.77	U
Tetrachloroethene	1400	µg/kg	12.5	U	14.5		0.34	U	0.78	U	0.31	U	3.2		0.32	U
Toluene	1500	µg/kg	697		18700		0.41	U	1.7		0.36	U	0.2	U	0.38	U
1,1,2,2-Tetrachloroethane	600	µg/kg	20.3	U	4	U	0.62	U	0.73	U	0.55	U	0.7	U	0.57	U
Chlorobenzene	1700	µg/kg	10.9	U	2.32	U	0.36	U	0.33	U	0.32	U	0.32	U	0.33	U
Ethylbenzene	5500	µg/kg	647		26400		0.42	U	0.11	U	0.37	U	0.11	U	0.39	U
Styrene	NA *	µg/kg	12.5	U	2.32	U	0.36	U	0.89	U	0.32	U	0.85	U	0.33	U
m,p-xylene	1200	µg/kg	792		25600		1		2.6		0.69	U	0.19	U	0.72	U
o-xylene	1200	µg/kg	739		12700		0.34	U	1.5		0.31	U	0.14	U	0.32	U
Total BTEX			**3100**		**86960**		**1**		**5.8**		**ND**		**ND**		**ND**	
Semi-Volatiles																
Phenol	30	µg/kg	203	U	NR		69.5	U	24.6	U	62.3	U	23.4	U	679	U
bis(2-Chloroethyl)ether	NA *	µg/kg	196	U	NR		87.4	U	31.8	U	78.3	U	30.3	U	879	U
2-Chlorophenol	800	µg/kg	200	U	NR		71.9	U	29.9	U	64.4	U	28.4	U	826	U
1,3-Dichlorobenzene	1600	µg/kg	213	U	NR		87.3	U	32.6	U	78.2	U	31	U	901	U
1,4-Dichlorobenzene	8500	µg/kg	207	U	NR		89.1	U	31	U	79.9	U	29.5	U	857	U
1,2-Dichlorobenzene	7900	µg/kg	210	U	NR		90.1	U	35	U	80.8	U	33.3	U	966	U
2-Methylphenol	100	µg/kg	173	U	NR		71.6	U	31.4	U	64.2	U	29.8	U	866	U
bis(2-Chloroisopropyl)ether	NA *	µg/kg	226	U	NR		52.2	U	33.1	U	46.7	U	31.5	U	913	U
3+4-Methylphenol	NA *	µg/kg	167	U	NR		58.7	U	31.4	U	52.6	U	29.8	U	867	U
N-Nitrosodi-n-propylamine	NA *	µg/kg	204	U	NR		72.9	U	28.9	U	65.3	U	27.5	U	798	U
Hexachloroethane	NA *	µg/kg	215	U	NR		90.7	U	27.8	U	81.3	U	26.4	U	768	U
Nitrobenzene	200	µg/kg	235	U	NR		100	U	34.6	U	89.7	U	32.9	U	954	U
Isophorone	4400	µg/kg	215	U	NR		67.4	U	28.2	U	60.4	U	26.8	U	778	U
2-Nitrophenol	330	µg/kg	163	U	NR		76.9	U	26.2	U	69	U	24.9	U	724	U
2,4-Dimethylphenol	NA *	µg/kg	98.7	U	NR		43.2	U	24.5	U	38.7	U	23.3	U	678	U
bis(2-Chloroethoxy)methane	NA *	µg/kg	197	U	NR		79.2	U	32.2	U	70.9	U	30.6	U	890	U
2,4-Dichlorophenol	400	µg/kg	171	U	NR		73.9	U	29	U	66.2	U	27.6	U	801	U
1,2,4-Trichlorobenzene	NA *	µg/kg	207	U	NR		81.9	U	35.4	U	73.4	U	33.6	U	976	U
4-Chloroaniline	220	µg/kg	215	U	NR		90.6	U	17.5	U	81.2	U	16.7	U	484	U
Hexachlorobutadiene	NA *	µg/kg	207	U	NR		83.1	U	33.1	U	74.5	U	31.5	U	913	U
4-Chloro-3-methylphenol	240	µg/kg	167	U	NR		56.5	U	34	U	50.6	U	32.4	U	940	U
Hexachlorocyclopentadiene	NA *	µg/kg	174	U	NR		135	U	14.6	U	121	U	13.9	U	404	U
2,4,6-Trichlorophenol	NA *	µg/kg	165	U	NR		90.7	U	29.1	U	81.3	U	27.7	U	804	U
2,4,5-Trichlorophenol	100	µg/kg	159	U	NR		84.1	U	25.9	U	75.4	U	24.7	U	716	U
2-Chloronaphthalene	NA *	µg/kg	190	U	NR		84.2	U	33.8	U	75.5	U	32.2	U	934	U
2-Nitroaniline	430	µg/kg	150	U	NR		58.8	U	25.4	U	52.7	U	24.2	U	702	U
Dimethylphthalate	2000	µg/kg	182	U	NR		75.3	U	33.8	U	67.5	U	32.1	U	933	U
2,6-Dinitrotoluene	1000	µg/kg	168	U	NR		62.1	U	25.1	U	55.7	U	23.8	U	693	U
3-Nitroaniline	500	µg/kg	161	U	NR		53	U	16.2	U	47.5	U	15.4	U	446	U

TABLE 1
SUMMARY OF TEST PIT SOIL SAMPLE RESULTS
FARRINGTON STREET SITE

Client Sample ID:			01-01727-019		01-01727-002		01-01896-002		01-01896-001		01-01896-003		01-01896-004		01-01896-008	
Laboratory ID:	**TAGM 4046 (1/94)**		**K2625-5**		**K2624-2**		**K2631-2**		**K2631-1**		**K2631-3**		**K2631-4**		**K2631-8**	
Sample Location:	**Soil Cleanup**		**TP-2 (pmp 2)**		**TP-4 (fill)**		**TP-5 (A)**		**TP-5 (B)**		**TP-6 (A)**		**TP-6 (B)**		**TP-7 (A)**	
	Objectives /		**Tar pump 2**				**Tar Pump A**		**Tar Pump B**		**Tar Pump A**		**Tar Pump B**		**Tar Pump A**	
	Eastern USA		**Inside**				**(Outside)**		**(Outside)**		**(Outside)**		**(Outside)**		**(Inside)**	
Sample Depth:	**Background**		**5' - 6'**		**3' - 4'**		**3.5' - 4'**		**3.5' - 4'**		**4' - 4.5'**		**4' - 4.5'**		**1' - 1.5'**	
Matrix:			**Soil**		**Soil**		**Soil**		**Soil**		**Soil**		**Soil**		**Soil**	
Validated:			**No**		**No**		**No**		**No**		**No**		**No**		**No**	
Sampling Date:			**02/16/2001**		**02/15/2001**		**02/21/2001**		**02/21/2001**		**02/21/2001**		**02/21/2001**		**02/21/2001**	
Analyte:		**Units:**														
2,4-Dinitrophenol	200	µg/kg	191	U	NR		74.2	U	24	U	66.5	U	22.8	U	662	U
4-Nitrophenol	100	µg/kg	124	U	NR		101	U	53.8	U	90.4	U	51.2	U	1490	U
Dibenzofuran	6200	µg/kg	327		NR		80.1	U	34.8	U	71.8	U	33.1	U	296	J
2,4-Dinitrotoluene	NA *	µg/kg	160	U	NR		46.2	U	22.9	U	41.4	U	21.8	U	633	U
Diethylphthalate	7100	µg/kg	62.5	J	NR		59.1	U	22.2	U	52.9	U	21.1	U	613	U
4-Chlorophenyl phenyl ether	NA *	µg/kg	185	U	NR		82.2	U	40	U	73.7	U	38	U	1100	U
4-Nitroaniline	NA *	µg/kg	140	U	NR		78.9	U	18.6	U	70.7	U	17.7	U	515	U
4,6-Dinitro-2-methylphenol	NA *	µg/kg	177	U	NR		81.1	U	31.5	U	72.7	U	29.9	U	869	U
N-Nitrosodiphenylamine	NA *	µg/kg	167	U	NR		72.5	U	33.1	U	65	U	31.5	U	915	U
4-Bromophenyl phenyl ether	NA *	µg/kg	169	U	NR		77.2	U	30.2	U	69.2	U	28.7	U	834	U
Hexachlorobenzene	410	µg/kg	185	U	NR		70.3	U	29.6	U	63	U	28.2	U	818	U
Pentachlorophenol	1000	µg/kg	126	U	NR		52	U	20.1	U	46.6	U	19.1	U	556	U
Carbazole	NA *	µg/kg	2160		NR		57	U	23.6	U	51.1	U	22.4	U	650	U
Di-n-butylphthalate	8100	µg/kg	183	J	NR		38.2	J	89.1	U	43.1	J	84.7	U	2460	U
Butylbenzylphthalate	50000	µg/kg	125	U	NR		63.7	U	19.7	U	57.1	U	18.7	U	544	U
3,3'-Dichlorobenzidine	NA *	µg/kg	404	U	NR		150	U	34.2	U	134	U	32.5	U	943	U
bis(2-Ethylhexyl)phthalate	50000	µg/kg	137	J	NR		115	J	9.9	J	207	J	9.8	J	3700	U
Di-n-octylphthalate	50000	µg/kg	112	U	NR		66.2	U	25.4	U	59.3	U	24.2	U	702	U
Non Carcinogenic PAHs																
Acenaphthene	50000*	µg/kg	262		NR		83.5	U	35.6	U	74.8	U	33.9	U	1220	
Acenaphthylene	41000	µg/kg	3960		NR		72.3	U	33.2	U	768		63.5		16900	
Anthracene	50000*	µg/kg	3220		NR		44.4	J	29.6	U	127		14.9	J	3700	
Benzo(g,h,i)perylene	50000*	µg/kg	2650		NR		157		21.9	U	787		52.9		7890	
Fluoranthene	50000*	µg/kg	15700		NR		382		26.2	U	1010		194		28400	
Fluorene	50000*	µg/kg	1200		NR		73.1	U	36.2	U	67.4		34.4	U	2610	
2-Methylnaphthalene	36400	µg/kg	240		NR		81.3	U	29.1	U	26.5	J	27.7	U	2400	
Naphthalene	13000	µg/kg	206		NR		86.1	U	34.2	U	34.3	J	32.5	U	1230	
Phenanthrene	50000*	µg/kg	11500		NR		185		29	U	112		36.5		6340	
Pyrene	50000*	µg/kg	15100		NR		344		21.7	U	2170		298		46000	
Total Non Carcinogenic PAHs			54038				1112.4		ND		5102.2		659.8		116690	
Probable Carcinogenic PAHs																
Benzo(a)anthracene	224 or MDL	µg/kg	7480		NR		261		20.7	U	1240		135		26900	
Benzo(b)fluoranthene	1100	µg/kg	6740		NR		275		33.9	U	1310		76.5		16900	
Benzo(k)fluoranthene	1100	µg/kg	6840		NR		213		27.5	U	1130		47.1		18100	
Benzo(a)pyrene	61 or MDL	µg/kg	8050		NR		301		22.4	U	1770		110		26400	
Chrysene	400	µg/kg	8530		NR		270		20.6	U	1310		131		25100	
Indeno(1,2,3-cd)pyrene	3200	µg/kg	2820		NR		153		26.2	U	741		43.9		8250	
Dibenz(a,h)anthracene	14 or MDL	µg/kg	262		NR		45.7	U	24.7	U	87.3		15.7	J	1160	
Total Probable Carcinogenic PAHs			40722		NR		1473		ND		7588.3		559.2		122810	
Total PAHs			**94760**		**NR**		**2585.4**		**ND**		**12690.5**		**1219**		**239500**	
Metals																
Aluminum	SB / 33000	mg/kg	5140		8590		10300		11700		9280		8590		14900	
Antimony	SB / NA	mg/kg	1		9.14		0.21	J	0.11	J	0.66		0.94		0.42	
Arsenic	7.5 or SB / 3-12	mg/kg	3.88		2.96		1.71		1.79		0.57		0.57	U	1.7	
Barium	300 or SB / 15-600	mg/kg	204		70.8		56.6		53		40.4		37.5		95.8	
Beryllium	0.16 or SB / 0-1.75	mg/kg	0.13	U	0.9		0.15	U	0.15	U	0.13	U	0.14	U	0.14	U
Cadmium	1 or SB / 0.1-1	mg/kg	12.4		1.48		0.53		0.35		0.35		0.81		0.41	
Calcium	SB / 130-35000	mg/kg	5540		1190		580		580		425		590		984	
Chromium	10 or SB / 1.5-40	mg/kg	47.1		12.6		14.6		16.8		15.2		16.4		26	
Cobalt	30 or SB / 2.5-60	mg/kg	4.5		5.15		5.15		6.19		4.81		7.11		6.42	
Copper	25 or SB / 1-50	mg/kg	46		17.1		14.8		17.7		15.8		16.1		14.4	
Iron	2000 or SB / 2000-550000	mg/kg	10700		12000		13400		16200		13500		15500		19800	
Lead	SB / 200-500	mg/kg	3740		67.2		7.9		12		46.9		9.93		21.9	
Magnesium	SB / 100-5000	mg/kg	3170		1530		1620		1930		1850		1960		2040	
Manganese	SB / 50-5000	mg/kg	141		167		261		257		203		142		133	
Mercury	0.1 / 0.001-0.2	mg/kg	0.26		0.26		0.43		0.02		0.013		0.019		0.015	
Nickel	13 or SB / 0.5-25	mg/kg	17.1		11		10.6		12		13.5		12.4		14.3	
Potassium	SB / 8500-43000	mg/kg	9630		429		813		1170		672		1410		1430	
Selenium	2 or SB / 0.1-3.9	mg/kg	0.22	U	0.29	U	0.58	U	0.58	U	0.52	U	0.55	U	0.54	U
Silver	SB / NA	mg/kg	0.24	U	0.3	U	0.18	U	0.19	U	0.17	U	0.18	U	0.17	U
Sodium	SB / 6000-8000	mg/kg	125	U	55.8	J	11.6	U	11.7	U	41.9		11.1	U	10.7	U
Thallium	SB / NA	mg/kg	0.22	U	0.29	U	0.48	U	0.48	U	0.43	U	0.46	U	0.44	U
Vanadium	150 or SB / 1-300	mg/kg	41		15.6		19.1		26.5		18		21.4		34.3	
Zinc	20 or SB / 9-50	mg/kg	2760		49.7		33.2		37.5		31.4		175		78.3	
Cyanide		mg/kg	0.25	U	0.25	U	0.14	J	0.23	U	0.26	U	0.24	U	0.23	U
% Solids		%	80		62.5		81.1		80.8		90.5		85		87.8	

TABLE 1
SUMMARY OF TEST PIT SOIL SAMPLE RESULTS
FARRINGTON STREET SITE

Client Sample ID:			01-01727-019		01-01727-002		01-01896-002		01-01896-001		01-01896-003		01-01896-004		01-01896-008	
Laboratory ID:	TAGM 4046 (1/94)		K2625-5		K2624-2		K2631-2		K2631-1		K2631-3		K2631-4		K2631-8	
Sample Location:	Soil Cleanup		TP-2 (pmp 2)		TP-4 (fill)		TP-5 (A)		TP-5 (B)		TP-6 (A)		TP-6 (B)		TP-7 (A)	
	Objectives /		Tar pump 2				Tar Pump A		Tar Pump B		Tar Pump A		Tar Pump B		Tar Pump A	
	Eastern USA		Inside				(Outside)		(Outside)		(Outside)		(Outside)		(Inside)	
Sample Depth:	Background		5' - 6'		3' - 4'		3.5' - 4'		3.5' - 4'		4' - 4.5'		4' - 4.5'		1' - 1.5'	
Matrix:			Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Validated:			No		No		No		No		No		No		No	
Sampling Date:			02/16/2001		02/15/2001		02/21/2001		02/21/2001		02/21/2001		02/21/2001		02/21/2001	
Analyte:		Units:														
Fingerprint																
Gasoline		ppm			64	U	NR		NR		NR		NR		NR	
Lubricating Oils		ppm			64	U	NR		NR		NR		NR		NR	
Kerosene/Jet Fuel		ppm			64	U	NR		NR		NR		NR		NR	
#2 Fuel Oil/Diesel		ppm			64	U	NR		NR		NR		NR		NR	
#4 Fuel Oil		ppm			64	U	NR		NR		NR		NR		NR	
#6 Fuel Oil		ppm			64	U	NR		NR		NR		NR		NR	
THC By Mod 8100		ppm			230000		NR		NR		NR		NR		NR	
Chevron 100		ppm			64	U	NR		NR		NR		NR		NR	
Chevron 500		ppm			64	U	NR		NR		NR		NR		NR	
Silicon Base TR		ppm			64	U	NR		NR		NR		NR		NR	
High Vis. Cable		ppm			64	U	NR		NR		NR		NR		NR	
Low Vis. Cable		ppm			64	U	NR		NR		NR		NR		NR	
Sun#2 Base TR.O		ppm			64	U	NR		NR		NR		NR		NR	
Sun#4 Cable Oil		ppm			64	U	NR		NR		NR		NR		NR	
Sun#6 Cable Oil		ppm			64	U	NR		NR		NR		NR		NR	
Sun#8 II Base T		ppm			64	U	NR		NR		NR		NR		NR	
10C Transformer		ppm			64	U	NR		NR		NR		NR		NR	

TABLE 1
SUMMARY OF TEST PIT SOIL SAMPLE RESULTS
FARRINGTON STREET SITE

Client Sample ID:			01-01896-009		01-01896-006		01-01896-010		01-01896-012		01-01896-013	
Laboratory ID:	TAGM 4046 (1/94)		K2631-9		K2631-6		K2631-10		K2631-12		K2631-13	
Sample Location:	Soil Cleanup		TP-7 (B)		TP-7 (skim pump)		TP-7(skim bottom)		TP-8 (skim pump)		TP-8 (skim bottom)	
	Objectives /		Tar Pump B		Skim Pump		Skim Pump		Skim Pump		Skim Pump	
	Eastern USA		(Inside)		(Inside)		(Outside)		(Outside)		(Outside)	
Sample Depth:	Background		1' - 1.5'		1' - 1.5'		4' - 4.5'		2' - 2.5'		2.5' - 3'	
Matrix:			Soil		Soil		Soil		Soil		Soil	
Validated:			No		No		No		No		No	
Sampling Date:			02/21/2001		02/21/2001		02/21/2001		02/22/2001		02/22/2001	
Analyte:		Units:										
PCBs												
PCB 1016	1000	µg/kg	2.48	U	2.33	U	2.47	U	23.6	U	2.5	U
PCB 1221	1000	µg/kg	11.7	U	11	U	11.6	U	111	U	11.8	U
PCB 1232	1000	µg/kg	2.59	U	2.43	U	2.58	U	24.7	U	2.61	U
PCB 1242	1000	µg/kg	1.94	U	1.83	U	1.94	U	18.5	U	1.96	U
PCB 1248	1000	µg/kg	4.37	U	4.11	U	4.36	U	41.7	U	4.41	U
PCB 1254	1000	µg/kg	6.62	U	6.22	U	6.61	U	63.1	U	6.67	U
PCB 1260	1000	µg/kg	7.61	U	7.15	U	7.59	U	72.5	U	7.66	U
Volatiles												
Chloromethane	NA *	µg/kg	0.95	U	0.89	U	545	U	521	U	551	U
Bromomethane	NA *	µg/kg	0.96	U	0.9	U	379	U	362	U	382	U
Vinyl Chloride	200	µg/kg	1.15	U	1.07	U	530	U	506	U	536	U
Chloroethane	1900	µg/kg	1.01	U	0.95	U	500	U	478	U	505	U
Methylene Chloride	100	µg/kg	1.18	U	1.11	U	303	U	289	U	306	U
Acetone	200	µg/kg	2.83	U	2.64	U	2860	U	2730	U	2890	U
Carbon disulfide	2700	µg/kg	0.88	U	0.82	U	227	U	2260		230	U
1,1-Dichloroethene	400	µg/kg	0.81	U	0.75	U	318	U	304	U	321	U
1,1-Dichloroethane	200	µg/kg	0.72	U	0.67	U	212	U	203	U	214	U
t-1,2-Dichloroethene	300	µg/kg	0.41	U	0.39	U	409	U	391	U	413	U
c-1,2-Dichloroethene	300	µg/kg	0.88	U	0.82	U	288	U	275	U	291	U
Chloroform	300	µg/kg	0.82	U	0.76	U	197	U	188	U	199	U
1,2-Dichloroethane	100	µg/kg	0.56	U	0.52	U	242	U	232	U	245	U
2-Butanone	300	µg/kg	1.13	U	1.06	U	1550	U	1480	U	1560	U
1,1,1-Trichloroethane	800	µg/kg	0.87	U	0.81	U	167	U	159	U	168	U
Carbon Tetrachloride	600	µg/kg	0.92	U	0.86	U	273	U	260	U	275	U
Bromodichloromethane	NA *	µg/kg	0.83	U	0.78	U	273	U	260	U	275	U
1,2-Dichloropropane	NA *	µg/kg	0.78	U	0.73	U	242	U	232	U	245	U
cis-1,3-Dichloropropene	300	µg/kg	0.77	U	0.72	U	273	U	260	U	275	U
Trichloroethene	700	µg/kg	0.92	U	0.86	U	258	U	246	U	260	U
Dibromochloromethane	NA *	µg/kg	0.67	U	0.63	U	121	U	116	U	122	U
1,1,2-Trichloroethane	NA *	µg/kg	0.71	U	0.66	U	470	U	449	U	474	U
Benzene	60	µg/kg	0.16	U	0.15	U	6520		84100		36200	
trans-1,3-Dichloropropene	300	µg/kg	0.68	U	0.64	U	273	U	260	U	275	U
Bromoform	NA *	µg/kg	0.41	U	0.39	U	182	U	174	U	184	U
4-Methyl-2-pentanone	1000	µg/kg	2.1	U	1.96	U	773	U	738	U	780	U
2-Hexanone	NA *	µg/kg	1.71	U	1.6	U	1350	U	1290	U	1360	U
Tetrachloroethene	1400	µg/kg	0.77	U	0.72	U	121	U	116	U	122	U
Toluene	1500	µg/kg	0.21	U	0.19	U	132000		108000		132000	
1,1,2,2-Tetrachloroethane	600	µg/kg	0.72	U	0.67	U	197	U	188	U	199	U
Chlorobenzene	1700	µg/kg	0.33	U	0.31	U	106	U	101	U	107	U
Ethylbenzene	5500	µg/kg	0.11	U	0.1	U	138000		22400		128000	
Styrene	NA *	µg/kg	0.88	U	0.82	U	121	U	76200		122	U
m,p-xylene	1200	µg/kg	0.2	U	0.18	U	158000		68000		158000	
o-xylene	1200	µg/kg	0.15	U	0.14	U	76300		45100		76700	
Total BTEX			**ND**		**ND**		**510820**		**327600**		**530900**	
Semi-Volatiles												
Phenol	30	µg/kg	145	U	1360	U	144	U	69000	U	730	U
bis(2-Chloroethyl)ether	NA *	µg/kg	188	U	1760	U	187	U	89400	U	945	U
2-Chlorophenol	800	µg/kg	176	U	1660	U	176	U	83900	U	887	U
1,3-Dichlorobenzene	1600	µg/kg	192	U	1810	U	192	U	91600	U	968	U
1,4-Dichlorobenzene	8500	µg/kg	183	U	1720	U	182	U	87000	U	920	U
1,2-Dichlorobenzene	7900	µg/kg	206	U	1940	U	206	U	98100	U	1040	U
2-Methylphenol	100	µg/kg	185	U	1740	U	184	U	88000	U	930	U
bis(2-Chloroisopropyl)ether	NA *	µg/kg	195	U	1830	U	194	U	92800	U	982	U
3+4-Methylphenol	NA *	µg/kg	185	U	1740	U	184	U	34700	J	931	U
N-Nitrosodi-n-propylamine	NA *	µg/kg	170	U	1600	U	170	U	81100	U	858	U
Hexachloroethane	NA *	µg/kg	164	U	1540	U	163	U	78000	U	825	U
Nitrobenzene	200	µg/kg	204	U	1910	U	203	U	97000	U	1030	U
Isophorone	4400	µg/kg	166	U	1560	U	166	U	79100	U	836	U
2-Nitrophenol	330	µg/kg	155	U	1450	U	154	U	73600	U	778	U
2,4-Dimethylphenol	NA *	µg/kg	145	U	1360	U	144	U	96100		728	U
bis(2-Chloroethoxy)methane	NA *	µg/kg	190	U	1780	U	189	U	90400	U	956	U
2,4-Dichlorophenol	400	µg/kg	171	U	1610	U	170	U	81400	U	860	U
1,2,4-Trichlorobenzene	NA *	µg/kg	208	U	1960	U	208	U	99200	U	1050	U
4-Chloroaniline	220	µg/kg	103	U	970	U	103	U	49200	U	520	U
Hexachlorobutadiene	NA *	µg/kg	195	U	1830	U	194	U	92800	U	982	U
4-Chloro-3-methylphenol	240	µg/kg	200	U	1880	U	200	U	95500	U	1010	U
Hexachlorocyclopentadiene	NA *	µg/kg	86.3	U	811	U	86.1	U	41100	U	435	U
2,4,6-Trichlorophenol	NA *	µg/kg	172	U	1610	U	171	U	81700	U	864	U
2,4,5-Trichlorophenol	100	µg/kg	153	U	1440	U	152	U	72800	U	770	U
2-Chloronaphthalene	NA *	µg/kg	199	U	1870	U	199	U	94900	U	1000	U
2-Nitroaniline	430	µg/kg	150	U	1410	U	149	U	71300	U	754	U
Dimethylphthalate	2000	µg/kg	199	U	1870	U	199	U	94800	U	1000	U
2,6-Dinitrotoluene	1000	µg/kg	148	U	1390	U	147	U	70400	U	744	U
3-Nitroaniline	500	µg/kg	95.3	U	895	U	95	U	45400	U	480	U

TABLE 1
SUMMARY OF TEST PIT SOIL SAMPLE RESULTS
FARRINGTON STREET SITE

Client Sample ID:			01-01896-009		01-01896-006		01-01896-010		01-01896-012		01-01896-013	
Laboratory ID:	TAGM 4046 (1/94)		K2631-9		K2631-6		K2631-10		K2631-12		K2631-13	
Sample Location:	Soil Cleanup		TP-7 (B)		TP-7 (skim pump)		TP-7(skim bottom)		TP-8 (skim pump)		TP-8 (skim bottom)	
	Objectives /		Tar Pump B		Skim Pump		Skim Pump		Skim Pump		Skim Pump	
	Eastern USA		(Inside)		(Inside)		(Outside)		(Outside)		(Outside)	
Sample Depth:	Background		1' - 1.5'		1' - 1.5'		4' - 4.5'		2' - 2.5'		2.5' - 3'	
Matrix:			Soil		Soil		Soil		Soil		Soil	
Validated:			No		No		No		No		No	
Sampling Date:			02/21/2001		02/21/2001		02/21/2001		02/22/2001		02/22/2001	
Analyte:		Units:										
2,4-Dinitrophenol	200	µg/kg	141	U	1330	U	141	U	67200	U	711	U
4-Nitrophenol	100	µg/kg	317	U	2980	U	316	U	151000	U	1600	U
Dibenzofuran	6200	µg/kg	205	U	913	J	2240		1390000		9540	
2,4-Dinitrotoluene	NA *	µg/kg	135	U	1270	U	135	U	64400	U	681	U
Diethylphthalate	7100	µg/kg	131	U	1230	U	130	U	62300	U	659	U
4-Chlorophenyl phenyl ether	NA *	µg/kg	235	U	2210	U	235	U	112000	U	1190	U
4-Nitroaniline	NA *	µg/kg	110	U	1030	U	110	U	52300	U	553	U
4,6-Dinitro-2-methylphenol	NA *	µg/kg	185	U	1740	U	185	U	88300	U	934	U
N-Nitrosodiphenylamine	NA *	µg/kg	195	U	1830	U	195	U	92900	U	983	U
4-Bromophenyl phenyl ether	NA *	µg/kg	178	U	1670	U	177	U	84700	U	896	U
Hexachlorobenzene	410	µg/kg	174	U	1640	U	174	U	83100	U	879	U
Pentachlorophenol	1000	µg/kg	119	U	1110	U	118	U	56500	U	597	U
Carbazole	NA *	µg/kg	139	U	1300	U	519		656000		1480	
Di-n-butylphthalate	8100	µg/kg	525	U	4930	U	524	U	250000	U	2640	U
Butylbenzylphthalate	50000	µg/kg	116	U	1090	U	116	U	55300	U	585	U
3,3'-Dichlorobenzidine	NA *	µg/kg	201	U	1890	U	201	U	95800	U	1010	U
bis(2-Ethylhexyl)phthalate	50000	µg/kg	53.5	J	7420	U	788	U	376000	U	3980	U
Di-n-octylphthalate	50000	µg/kg	150	U	1410	U	149	U	71300	U	754	U
Non Carcinogenic PAHs												
Acenaphthene	50000*	µg/kg	148	J	3040		3320		1060000		46900	
Acenaphthylene	41000	µg/kg	8940		35000		14300		4780000		17100	
Anthracene	50000*	µg/kg	1680		9540		10800		3990000		45000	
Benzo(g,h,i)perylene	50000*	µg/kg	3400		21800		1600		766000		5900	
Fluoranthene	50000*	µg/kg	10500		8310		13800		5640000		52900	
Fluorene	50000*	µg/kg	705		7350		17600		5920000		70500	
2-Methylnaphthalene	36400	µg/kg	1130		8860		30100	E	22700000		301000	
Naphthalene	13000	µg/kg	60.8	J	5320		35500	E	22700000		113000	
Phenanthrene	50000*	µg/kg	654		15300		56100		19300000		217000	
Pyrene	50000*	µg/kg	21300		18800		20900		7410000		84500	
Total Non Carcinogenic PAHs			48517.8		133320		204020		94266000		953800	
Probable Carcinogenic PAHs												
Benzo(a)anthracene	224 or MDL	µg/kg	11700		9840		8370		2790000		30400	
Benzo(b)fluoranthene	1100	µg/kg	10700		20200		4160		1740000		14800	
Benzo(k)fluoranthene	1100	µg/kg	9100		15100		3320		1070000		10700	
Benzo(a)pyrene	61 or MDL	µg/kg	13600		26900		6170		2250000		21600	
Chrysene	400	µg/kg	11600		10500		7910		2640000		28300	
Indeno(1,2,3-cd)pyrene	3200	µg/kg	3590		18300		1510		678000		5440	
Dibenz(a,h)anthracene	14 or MDL	µg/kg	542		1920		250		88000		979	
Total Probable Carcinogenic PAHs			60832		102760		31690		11256000		112219	
Total PAHs			**109349.8**		**236080**		**235710**		**105522000**		**1066019**	
Metals												
Aluminum	SB / 33000	mg/kg	13000		3550		14200		1180		10000	
Antimony	SB / NA	mg/kg	0.94		1.23		0.59		1.61		0.44	U
Arsenic	7.5 or SB / 3-12	mg/kg	1.64		2.09		0.95		10.3		1.2	
Barium	300 or SB / 15-600	mg/kg	71.8		229		58.4		57.8		59	
Beryllium	0.16 or SB / 0-1.75	mg/kg	0.15	U	0.14	U	0.15	U	0.14	U	0.15	U
Cadmium	1 or SB / 0.1-1	mg/kg	0.83		6.51		1.79		4.17		0.13	J
Calcium	SB / 130-35000	mg/kg	878		12300		747		7090		1030	
Chromium	10 or SB / 1.5-40	mg/kg	21.7		28.2		21.2		9.99		20.8	
Cobalt	30 or SB / 2.5-60	mg/kg	6.57		3.81		8		1.84		5.56	
Copper	25 or SB / 1-50	mg/kg	13.2		22.9		12.8		36.6		22.1	
Iron	2000 or SB / 2000-550000	mg/kg	18100		13500		21000		10700		11700	
Lead	SB / 200-500	mg/kg	15.8		3950		17.7		2410		45.7	
Magnesium	SB / 100-5000	mg/kg	1960		2170		2020		1620		1660	
Manganese	SB / 50-5000	mg/kg	135		128		166		86.8		183	
Mercury	0.1 / 0.001-0.2	mg/kg	0.016		0.053		0.035		0.054		0.07	
Nickel	13 or SB / 0.5-25	mg/kg	14		9.45		14.3		4.92		14.4	
Potassium	SB / 8500-43000	mg/kg	1320		704		1180		234		735	
Selenium	2 or SB / 0.1-3.9	mg/kg	0.57	U	0.54	U	0.57	U	0.19	J	0.57	U
Silver	SB / NA	mg/kg	0.18	U	0.17	U	0.18	U	0.17	U	0.18	U
Sodium	SB / 6000-8000	mg/kg	11.5	U	10.7	U	11.4	U	10.9	U	11.5	U
Thallium	SB / NA	mg/kg	0.48	U	0.44	U	0.47	U	3.11		0.48	U
Vanadium	150 or SB / 1-300	mg/kg	29.7		18.2		30.9		10.3		17.6	
Zinc	20 or SB / 9-50	mg/kg	132		1440		559		619		101	
Cyanide		mg/kg	0.26	U	2.47		0.29	U	22		0.28	U
% Solids		%	82.3		87.6		82.5		86.4		81.7	

TABLE 1
SUMMARY OF TEST PIT SOIL SAMPLE RESULTS
FARRINGTON STREET SITE

Client Sample ID:			**01-01896-009**		**01-01896-006**		**01-01896-010**		**01-01896-012**		**01-01896-013**	
Laboratory ID:	**TAGM 4046 (1/94)**		**K2631-9**		**K2631-6**		**K2631-10**		**K2631-12**		**K2631-13**	
Sample Location:	**Soil Cleanup**		**TP-7 (B)**		**TP-7 (skim pump)**		**TP-7(skim bottom)**		**TP-8 (skim pump)**		**TP-8 (skim bottom)**	
	Objectives /		**Tar Pump B**		**Skim Pump**		**Skim Pump**		**Skim Pump**		**Skim Pump**	
	Eastern USA		**(Inside)**		**(Inside)**		**(Outside)**		**(Outside)**		**(Outside)**	
Sample Depth:	**Background**		**1' - 1.5'**		**1' - 1.5'**		**4' - 4.5'**		**2' - 2.5'**		**2.5' - 3'**	
Matrix:			**Soil**		**Soil**		**Soil**		**Soil**		**Soil**	
Validated:			**No**		**No**		**No**		**No**		**No**	
Sampling Date:			**02/21/2001**		**02/21/2001**		**02/21/2001**		**02/22/2001**		**02/22/2001**	
Analyte:		**Units:**										
Fingerprint												
Gasoline		ppm	NR		NR		NR		1.16	U	1.22	U
Lubricating Oils		ppm	NR		NR		NR		1.16	U	1.22	U
Kerosene/Jet Fuel		ppm	NR		NR		NR		1.16	U	1.22	U
#2 Fuel Oil/Diesel		ppm	NR		NR		NR		1.16	U	1.22	U
#4 Fuel Oil		ppm	NR		NR		NR		1.16	U	1.22	U
#6 Fuel Oil		ppm	NR		NR		NR		1.16	U	1.22	U
THC By Mod 8100		ppm	NR		NR		NR		4.1		7790	
Chevron 100		ppm	NR		NR		NR		1.16	U	1.22	U
Chevron 500		ppm	NR		NR		NR		1.16	U	1.22	U
Silicon Base TR		ppm	NR		NR		NR		1.16	U	1.22	U
High Vis. Cable		ppm	NR		NR		NR		1.16	U	1.22	U
Low Vis. Cable		ppm	NR		NR		NR		1.16	U	1.22	U
Sun#2 Base TR.O		ppm	NR		NR		NR		1.16	U	1.22	U
Sun#4 Cable Oil		ppm	NR		NR		NR		1.16	U	1.22	U
Sun#6 Cable Oil		ppm	NR		NR		NR		1.16	U	1.22	U
Sun#8 II Base T		ppm	NR		NR		NR		1.16	U	1.22	U
10C Transformer		ppm	NR		NR		NR		1.16	U	1.22	U

TABLE 2
SUMMARY OF TEST PIT OBSERVATIONS
FARRINGTON STREET SITE

Location	Depth	Structures Observed	Surrounding Soils
TP-1 (No. 3 Tar Pumps and No. 2 Skimmer Pump	8 feet	Two circular steel structures encased in concrete were encountered in the No. 3 tar pump area. The structures extended to a depth of 8' below ground surface (bgs). Were filled with coarse soil, bricks and other debris. A 2' x 3' x 1.5' metal box containing some skimmer pump hardware was encountered at a depth of 1' bgs in the No. 2 skimmer pump area. Rusted 1.5-inch and 3-inch metal pipes were also encountered in the excavation. A large concrete manway and manhole were observed northeast of the tar and skimmer pumps. The manway was apparently utilized for confined space entry training by Con Edison.	Stained soil with petroleum-like odors was encountered in the excavation northeast of, but separate from the concrete casement for the tar pumps. The impacted soil extended from a depth of 3 ft bgs to the base of the excavation (about 8 ft). Black stained soil was observed in a 1 foot interval immediately beneath the center of the skimmer pump box.
TP-2 (No. 1 Skimmer Pump Sump and No. 2 Tar Pumps)	9 feet	A 7'x9' concrete vault containing a 3.5' diameter sump was encountered at a depth of 1' just northwest of the No. 1 skimmer pump area. The sump within the vault extended from approximately 5 feet to 11 feet below the surface. The sump contained two 3' diameter horizontal pipes extending a short distance to the northwest (blocked by a concrete wall) and approximately 13 feet to the southeast toward the holder. Two circular brick concrete-lined structures extending to a depth of 4 feet below the surface were encountered in the No. 2 tar pump area. The structures are filled with coarse soil, bricks and other debris. A rusted 2-inch metal pipe was also encountered.	The sump contained water with a visible layer of NAPL. As water was being pumped from the sump, some NAPL was observed flowing into the sump from the pipe on the southeast side. Stained soil was encountered on the northeast side of the concrete vault surrounding the sump beginning at a depth of 4 feet and extending to the base of the excavation (approximately 8'). Soils inside the No. 2 tar pump structures were stained. Stained soil was also encountered outside of the structures on the western side of the pumps beginning at a depth of 4.5 ft and extending to the base of the excavation (approximately 8').

TABLE 2
SUMMARY OF TEST PIT OBSERVATIONS
FARRINGTON STREET SITE

Location	Depth	Structures Observed	Surrounding Soils
TP-3 (No. 1 Tar Pumps)	1 foot	The circular No. 1 tar pumps were not encountered because they were covered by a large above ground water tank associated with the treatment system. The concrete holder bottom and a 4-inch diameter, east-west trending steel pipe was encountered. The steel pipe was located in a trough in the concrete that measured 1.5' x 5' x 1' deep.	No soils were encountered and no evidence of contamination was observed associated with the pipe or trough.
TP-4 (Oil Skimmer Tank)		The concrete foundation for the former gas holder was encountered in the area south of the oil skimmer tank. The base of the foundation appeared to be at a depth of 8' bgs. Also encountered a rusted 2-inch metal pipe and two 6-inch x 9-inch timbers.	Stained soil was observed in the eastern portion of the excavation beginning at a depth of 3' bgs. and extending to a depth of 7' bgs. The soil exhibited a strong petroleum-like odor. NAPL, consisting of a thick amber fluid was observed seeping into test pit from northern and southern walls of the excavation at a depth of 4'.
TP-5 (No. 5 Tar Pumps)	6 feet	Two circular steel structures that extended to a depth of 4 ft bgs were encountered in the No. 5 tar pump area. The structures were filled with coarse soil, bricks and other debris. A 1-inch diameter steel pipe trending parallel with the perimeter of the gas holder was also encountered. The concrete foundation for the former gas holder was encountered north of the tar pumps. The base of the holder foundation appeared to be at a depth of 5 feet.	No staining, sheen or odors were observed in the soils.
TP-6 (No. 4 Tar Pumps)	5 feet	Two circular brick and concrete structures that extend to a depth of 4 feet bgs were encountered in the No. 4 tar pump area. The structures were filled with soil, bricks and other debris. A 1-inch diameter steel pipe trending parallel with the perimeter of the gas holder was also encountered.	No staining, sheen or odors were observed in the soils.

TABLE 2
SUMMARY OF TEST PIT OBSERVATIONS
FARRINGTON STREET SITE

Location	Depth	Structures Observed	Surrounding Soils
		The concrete foundation for the former gas holder was encountered northwest of the tar pumps. The base of the holder foundation appeared to be at a depth of 5 feet.	
TP-7 (No. 4 Skimmer Pump and Unnumbered Tar Pumps)	5 feet	A 2 ft x 3ft x 1.5ft metal box containing some skimmer pump hardware was encountered at a depth of 1.5 ft bgs in the No. 4 skimmer pump area. A 1-inch diameter steel pipe trending parallel with the perimeter of the gas holder was also encountered. Two circular steel structures, that extend to a depth of 4 feet bgs, were encountered in the area south of the No. 4 skimmer pump. These tar pump structures were not present on historical maps of the Site. The structures were filled with soil, bricks and other debris.	Stained soil was encountered between the skimmer and tar pumps beginning at a depth of 3 feet and extending to the bottom of the excavation (approximately 5 ft). The impacted soil appeared to extend to the north and southwest of the skimmer pump.
TP-8 (No. 5 Skimmer Pump)	5 feet	A 2 ft x 3ft x 1.5ft metal box containing some skimmer pump hardware was encountered at a depth of 1 ft bgs in the No. 5 skimmer pump area. The pump hardware included a cast iron trough approximately 6-wide by 18-inches long by 5-inches deep. A 1-inch diameter steel pipe trending parallel with the perimeter of the gas holder was also encountered.	The cast iron trough contained a black, viscous tar-like substance. Stained soil with petroleum odors was encountered at a depth of 3 to 4 feet bgs in the immediate vicinity of the skimmer pump.
TP-9 (USTs)	5 feet	One of the USTs was encountered in the test pit at a depth of approximately 4 feet bgs. The UST was constructed of steel and encased in concrete. The other UST was not exposed but was assumed to be present. A fill or vent pipe was also observed. Probing in the vent or fill pipe indicated that most of the UST appeared to be filled with concrete.	Approximately 18-inches of water was present within the UST with a small amount of residual product on the water surface. No evidence of staining, sheen or odors was observed in the excavated soil around the UST.

TABLE 3
SUMMARY OF SOIL SAMPLE RESULTS
FARRINGTON STREET SITE

Client Sample ID:			01-01079-001		01-01079-005		01-01079-007		01-00982-010		01-00982-003		01-01078-001		01-00982-004	
Laboratory ID:			K8396-1		K8396-5		K8396-7		K8388-10		K8388-3		K8395-1		K8388-4	
Sample Location:	TAGM 4046 (1/94)		GT-1		GT-1		GT-1		GT-2		GT-2		GT-2		GT-2	
Sample Depth:	Soil Cleanup		2' - 4'		13' - 15'		35' - 37'		3' - 5'		14'-14.1'		13' - 15'		25' - 25.5'	
Matrix:	Objectives /		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Validated:	Eastern USA		No		No		No		No		No		No		No	
Sampling Date:	Background		01/31/2001		01/31/2001		01/31/2001		01/29/2001		01/30/2001		01/31/2001		01/30/2001	
Analyte:		Units:														
PCBs																
PCB 1016	1000	µg/kg	2.38	U	2.29	U	2.4	U	2.63	U	NR		2.14	U	2.85	U
PCB 1221	1000	µg/kg	11.2	U	10.8	U	11.3	U	12.4	U	NR		10.1	U	13.4	U
PCB 1232	1000	µg/kg	2.48	U	2.39	U	2.51	U	2.75	U	NR		2.24	U	2.97	U
PCB 1242	1000	µg/kg	1.86	U	1.8	U	1.88	U	2.06	U	NR		1.68	U	2.23	U
PCB 1248	1000	µg/kg	4.2	U	4.04	U	4.24	U	4.65	U	NR		3.78	U	5.02	U
PCB 1254	1000	µg/kg	6.35	U	6.12	U	6.42	U	7.03	U	NR		5.72	U	7.6	U
PCB 1260	1000	µg/kg	7.3	U	7.03	U	7.37	U	8.08	U	NR		6.57	U	8.73	U
Volatiles																
Chloromethane	NA *	µg/kg	0.91	U	0.87	U	0.92	U	5.03	U	256	U	4.09	U	1.08	U
Bromomethane	NA *	µg/kg	0.92	U	0.88	U	0.93	U	5.1	U	178	U	4.15	U	1.1	U
Vinyl Chloride	200	µg/kg	1.1	U	1.05	U	1.11	U	6.06	U	249	U	4.93	U	1.31	U
Chloroethane	1900	µg/kg	0.97	U	0.93	U	0.98	U	5.35	U	235	U	4.36	U	1.15	U
Methylene Chloride	100	µg/kg	1.13	U	1.09	U	3.9	B	18.2		142	U	5.09	U	1.35	U
Acetone	200	µg/kg	43		2.6	U	11.8		15	U	1350	U	31.5		3.22	U
Carbon disulfide	2700	µg/kg	3.1		0.81	U	0.85	U	4.64	U	107	U	3.78	U	1	U
1,1-Dichloroethene	400	µg/kg	0.77	U	0.74	U	0.78	U	4.26	U	150	U	3.46	U	0.92	U
1,1-Dichloroethane	200	µg/kg	0.69	U	0.66	U	0.7	U	3.81	U	99.7	U	3.1	U	0.82	U
t-1,2-Dichloroethene	300	µg/kg	0.4	U	0.38	U	0.4	U	2.19	U	192	U	1.78	U	0.47	U
c-1,2-Dichloroethene	300	µg/kg	0.84	U	0.81	U	0.85	U	4.64	U	135	U	3.78	U	1	U
Chloroform	300	µg/kg	0.78	U	0.75	U	0.79	U	4.32	U	92.6	U	3.52	U	0.93	U
1,2-Dichloroethane	100	µg/kg	0.54	U	0.52	U	0.54	U	2.97	U	114	U	2.41	U	0.64	U
2-Butanone	300	µg/kg	1.09	U	1.04	U	1.1	U	6	U	726	U	4.88	U	1.29	U
1,1,1-Trichloroethane	800	µg/kg	0.83	U	0.8	U	0.84	U	4.58	U	78.3	U	3.73	U	0.99	U
Carbon Tetrachloride	600	µg/kg	0.88	U	0.84	U	0.88	U	4.84	U	128	U	3.94	U	1.04	U
Bromodichloromethane	NA *	µg/kg	0.8	U	0.76	U	0.8	U	4.39	U	128	U	3.57	U	0.95	U
1,2-Dichloropropane	NA *	µg/kg	0.75	U	0.72	U	0.76	U	4.13	U	114	U	3.36	U	0.89	U
cis-1,3-Dichloropropene	300	µg/kg	0.74	U	0.71	U	0.74	U	4.06	U	128	U	3.31	U	0.88	U
Trichloroethene	700	µg/kg	0.88	U	0.84	U	0.88	U	4.84	U	121	U	3.94	U	1.04	U
Dibromochloromethane	NA *	µg/kg	0.64	U	0.62	U	0.65	U	3.55	U	57	U	2.89	U	0.76	U
1,1,2-Trichloroethane	NA *	µg/kg	0.68	U	0.65	U	0.68	U	3.74	U	221	U	3.05	U	0.81	U
Benzene	60	µg/kg	0.15	U	0.15	U	0.15	U	12.8		99.7	U	0.68	U	0.18	U
trans-1,3-Dichloropropene	300	µg/kg	0.66	U	0.63	U	0.66	U	3.61	U	128	U	2.94	U	0.78	U
Bromoform	NA *	µg/kg	0.4	U	0.38	U	0.4	U	2.19	U	85.4	U	1.78	U	0.47	U
4-Methyl-2-pentanone	1000	µg/kg	2.01	U	1.93	U	2.03	U	11.1	U	363	U	9.03	U	2.39	U
2-Hexanone	NA *	µg/kg	1.64	U	1.57	U	1.65	U	9.03	U	634	U	7.35	U	1.95	U
Tetrachloroethene	1400	µg/kg	0.74	U	0.71	U	0.74	U	4.06	U	57	U	3.31	U	0.88	U
Toluene	1500	µg/kg	1.9		0.19	U	0.2	U	73.5		114	U	0.89	U	6.9	
1,1,2,2-Tetrachloroethane	600	µg/kg	0.69	U	0.66	U	0.7	U	3.81	U	92.6	U	3.1	U	0.82	U
Chlorobenzene	1700	µg/kg	0.32	U	0.3	U	0.32	U	1.74	U	49.8	U	1.42	U	0.38	U
Ethylbenzene	5500	µg/kg	6		0.1	U	0.11	U	212		22600		0.47	U	0.13	U
Styrene	NA *	µg/kg	6.1		0.81	U	0.85	U	51.5		57	U	8		1	U
m,p-xylene	1200	µg/kg	9.8		3.5		0.19	U	575		12100		0.84	U	3.3	
o-xylene	1200	µg/kg	11.6		0.13	U	0.14	U	510		9420		0.63	U	0.17	U
Total BTEX			**29.3**		**3.5**		**ND**		**1383.3**		**44120**		**ND**		**10.2**	
Semi-Volatiles																
Phenol	30	µg/kg	69.5	U	67	U	70.2	U	76.9	U	NR		59.2	U	83.1	U
bis(2-Chloroethyl)ether	NA *	µg/kg	90	U	86.7	U	90.9	U	99.6	U	NR		74.4	U	108	U
2-Chlorophenol	800	µg/kg	84.5	U	81.5	U	85.4	U	93.5	U	NR		61.2	U	101	U
1,3-Dichlorobenzene	1600	µg/kg	92.2	U	88.9	U	93.2	U	102	U	NR		74.3	U	110	U
1,4-Dichlorobenzene	8500	µg/kg	87.6	U	84.5	U	88.6	U	97	U	NR		75.9	U	105	U
1,2-Dichlorobenzene	7900	µg/kg	98.8	U	95.3	U	99.9	U	109	U	NR		76.7	U	118	U
2-Methylphenol	100	µg/kg	88.6	U	85.4	U	89.5	U	98	U	NR		61	U	106	U
bis(2-Chloroisopropyl)ether	NA *	µg/kg	93.5	U	90.1	U	94.5	U	103	U	NR		44.4	U	112	U
3+4-Methylphenol	NA *	µg/kg	88.7	U	85.5	U	89.6	U	45.2	J	NR		49.9	U	106	U
N-Nitrosodi-n-propylamine	NA *	µg/kg	81.7	U	78.8	U	82.6	U	90.4	U	NR		62	U	97.8	U
Hexachloroethane	NA *	µg/kg	78.6	U	75.7	U	79.4	U	86.9	U	NR		77.2	U	94	U
Nitrobenzene	200	µg/kg	97.7	U	94.2	U	98.7	U	108	U	NR		85.2	U	117	U
Isophorone	4400	µg/kg	79.6	U	76.7	U	80.5	U	88.1	U	NR		57.4	U	95.3	U
2-Nitrophenol	330	µg/kg	74.1	U	71.5	U	74.9	U	82	U	NR		65.5	U	88.7	U
2,4-Dimethylphenol	NA *	µg/kg	69.3	U	66.9	U	70.1	U	76.8	U	NR		36.7	U	83	U
bis(2-Chloroethoxy)methane	NA *	µg/kg	91	U	87.8	U	92	U	101	U	NR		67.4	U	109	U
2,4-Dichlorophenol	400	µg/kg	81.9	U	79	U	82.8	U	90.7	U	NR		62.9	U	98	U
1,2,4-Trichlorobenzene	NA *	µg/kg	99.9	U	96.3	U	101	U	111	U	NR		69.7	U	120	U
4-Chloroaniline	220	µg/kg	49.5	U	47.8	U	50.1	U	54.8	U	NR		77.1	U	59.3	U
Hexachlorobutadiene	NA *	µg/kg	93.5	U	90.1	U	94.5	U	103	U	NR		70.7	U	112	U
4-Chloro-3-methylphenol	240	µg/kg	96.2	U	92.7	U	97.2	U	106	U	NR		48.1	U	115	U
Hexachlorocyclopentadiene	NA *	µg/kg	41.4	U	39.9	U	41.8	U	45.8	U	NR		115	U	49.5	U
2,4,6-Trichlorophenol	NA *	µg/kg	82.3	U	79.3	U	83.2	U	91.1	U	NR		77.2	U	98.5	U
2,4,5-Trichlorophenol	100	µg/kg	73.3	U	70.7	U	74.1	U	81.1	U	NR		71.6	U	87.7	U
2-Chloronaphthalene	NA *	µg/kg	95.6	U	92.1	U	96.6	U	106	U	NR		71.7	U	114	U
2-Nitroaniline	430	µg/kg	71.8	U	69.2	U	72.6	U	79.5	U	NR		50.1	U	85.9	U
Dimethylphthalate	2000	µg/kg	95.5	U	92	U	96.5	U	106	U	NR		64.1	U	114	U
2,6-Dinitrotoluene	1000	µg/kg	70.9	U	68.3	U	71.6	U	78.4	U	NR		52.9	U	84.8	U
3-Nitroaniline	500	µg/kg	45.7	U	44	U	46.2	U	50.6	U	NR		45.1	U	54.7	U
2,4-Dinitrophenol	200	µg/kg	67.7	U	65.3	U	68.4	U	74.9	U	NR		63.2	U	81	U

TABLE 3
SUMMARY OF SOIL SAMPLE RESULTS
FARRINGTON STREET SITE

Client Sample ID:			01-01079-001		01-01079-005		01-01079-007		01-00982-010		01-00982-003		01-01078-001		01-00982-004	
Laboratory ID:			K8396-1		K8396-5		K8396-7		K8388-10		K8388-3		K8395-1		K8388-4	
Sample Location:	TAGM 4046 (1/94)		GT-1		GT-1		GT-1		GT-2		GT-2		GT-2		GT-2	
Sample Depth:	Soil Cleanup		2' - 4'		13' - 15'		35' - 37'		3' - 5'		14'-14.1'		13' - 15'		25' - 25.5'	
Matrix:	Objectives /		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Validated:	Eastern USA		No		No		No		No		No		No		No	
Sampling Date:	Background		01/31/2001		01/31/2001		01/31/2001		01/29/2001		01/30/2001		01/31/2001		01/30/2001	
Analyte:		Units:														
4-Nitrophenol	100	µg/kg	152	U	147	U	154	U	168	U	NR		85.8	U	182	U
Dibenzofuran	6200	µg/kg	98.3	U	94.7	U	99.3	U	6120		NR		94.4		118	U
2,4-Dinitrotoluene	NA *	µg/kg	64.8	U	62.5	U	65.5	U	71.7	U	NR		39.3	U	77.5	U
Diethylphthalate	7100	µg/kg	62.7	U	60.4	U	63.4	U	69.4	U	NR		50.3	U	75	U
4-Chlorophenyl phenyl ether	NA *	µg/kg	113	U	109	U	114	U	125	U	NR		70	U	135	U
4-Nitroaniline	NA *	µg/kg	52.7	U	50.8	U	53.2	U	58.3	U	NR		67.2	U	63	U
4,6-Dinitro-2-methylphenol	NA *	µg/kg	88.9	U	85.7	U	89.9	U	98.4	U	NR		69	U	106	U
N-Nitrosodiphenylamine	NA *	µg/kg	93.6	U	90.2	U	94.6	U	104	U	NR		61.7	U	112	U
4-Bromophenyl phenyl ether	NA *	µg/kg	85.3	U	82.2	U	86.2	U	94.4	U	NR		65.7	U	102	U
Hexachlorobenzene	410	µg/kg	83.7	U	80.7	U	84.6	U	92.6	U	NR		59.8	U	100	U
Pentachlorophenol	1000	µg/kg	56.9	U	54.8	U	57.5	U	63	U	NR		44.3	U	68.1	U
Carbazole	NA *	µg/kg	66.6	U	64.2	U	67.3	U	3340		NR		46.2	J	79.6	U
Di-n-butylphthalate	8100	µg/kg	252	U	243	U	254	U	279	U	NR		205	U	128	J
Butylbenzylphthalate	50000	µg/kg	55.7	U	29.2	J	56.3	U	61.7	U	NR		54.2	U	66.7	U
3,3'-Dichlorobenzidine	NA *	µg/kg	96.5	U	93	U	97.5	U	107	U	NR		127	U	115	U
bis(2-Ethylhexyl)phthalate	50000	µg/kg	74.6	J	138	J	145	J	342	J	NR		98.6	J	300	J
Di-n-octylphthalate	50000	µg/kg	71.8	U	69.2	U	72.6	U	79.5	U	NR		56.3	U	85.9	U
Non Carcinogenic PAHs																
Acenaphthene	50000*	µg/kg	101	U	97.1	U	102	U	8870		NR		290		43.2	J
Acenaphthylene	41000	µg/kg	93.7	U	90.3	U	94.7	U	26500		NR		429		112	U
Anthracene	50000*	µg/kg	83.7	U	80.7	U	84.6	U	23100		NR		135		55.8	J
Benzo(g,h,i)perylene	50000*	µg/kg	61.8	U	59.6	U	62.4	U	3870		NR		38.9	U	73.9	U
Fluoranthene	50000*	µg/kg	74	U	71.3	U	74.8	U	37800		NR		168		90.7	
Fluorene	50000*	µg/kg	102	U	98.7	U	103	U	37600		NR		578		82.3	J
2-Methylnaphthalene	36400	µg/kg	82.2	U	79.2	U	83	U	26500		NR		2390		27.9	J
Naphthalene	13000	µg/kg	96.5	U	93	U	97.5	U	46000		NR		1710		115	U
Phenanthrene	50000*	µg/kg	82.1	U	79.1	U	82.9	U	95500		NR		850		301	
Pyrene	50000*	µg/kg	61.3	U	59.1	U	62	U	47600		NR		229		123	
Total Non Carcinogenic PAHs			ND		ND		ND		353340				6779		723.9	
Probable Carcinogenic PAHs																
Benzo(a)anthracene	224 or MDL	µg/kg	58.5	U	56.4	U	59.1	U	12500		NR		69.3		55.8	J
Benzo(b)fluoranthene	1100	µg/kg	95.7	U	92.2	U	96.7	U	9520		NR		50.9	U	115	U
Benzo(k)fluoranthene	1100	µg/kg	77.6	U	74.8	U	78.4	U	6620		NR		46.7	U	92.9	U
Benzo(a)pyrene	61 or MDL	µg/kg	63.4	U	61.1	U	64.1	U	11400		NR		39.9		32.1	J
Chrysene	400	µg/kg	58.3	U	56.2	U	58.9	U	12200		NR		65.1		39.1	J
Indeno(1,2,3-cd)pyrene	3200	µg/kg	74.1	U	71.5	U	74.9	U	3540		NR		36.1	U	88.7	U
Dibenz(a,h)anthracene	14 or MDL	µg/kg	69.7	U	67.2	U	70.4	U	1070		NR		38.9	U	83.4	U
Total Probable Carcinogenic PAHs			ND		ND		ND		56850				174.3		127	
Total PAHs			ND		ND		**ND**		**410190**				**6953.3**		**850.9**	
Metals																
Aluminum	SB / 33000	mg/kg	11600		2390		3830		9060		NR		2360		2560	
Antimony	SB / NA	mg/kg	10.9		4.37		6.05		6.54		NR		5.43		3.66	
Arsenic	7.5 or SB / 3-12	mg/kg	3.53		0.55		0.4	U	2.87		NR		0.12	J	0.47	U
Barium	300 or SB / 15-600	mg/kg	43.1		21.6		42.5		38.1		NR		22.3		20	
Beryllium	0.16 or SB / 0-1.75	mg/kg	0.48		0.17		0.26		0.48		NR		0.21		0.22	
Cadmium	1 or SB / 0.1-1	mg/kg	2.09		0.85		1.11		2.19		NR		1.27		0.99	
Calcium	SB / 130-35000	mg/kg	686		599		942		950		NR		481		508	
Chromium	10 or SB / 1.5-40	mg/kg	17.2		9.34		12.6		14.1		NR		7.59		8.09	
Cobalt	30 or SB / 2.5-60	mg/kg	6.95		3.06		4.58		5.66		NR		4.06		3.23	
Copper	25 or SB / 1-50	mg/kg	9.49		8.14		16.5		13.5		NR		9.31		7.69	
Iron	2000 or SB / 2000-550000	mg/kg	17100		6100		9670		14100		NR		10700		7760	
Lead	SB / 200-500	mg/kg	5.99		3.24		3.9		60.4		NR		1.6		1.11	
Magnesium	SB / 100-5000	mg/kg	2220		1440		1660		1960		NR		1030		1280	
Manganese	SB / 50-5000	mg/kg	248		51.6		96.2		112		NR		103		49.5	
Mercury	0.1 / 0.001-0.2	mg/kg	0.01	U	0.0099	U	0.01	U	0.23		NR		0.0092	U	0.006	J
Nickel	13 or SB / 0.5-25	mg/kg	12.9		15.6		10.2		11.3		NR		10.8		9.37	
Potassium	SB / 8500-43000	mg/kg	1670		816		2090		872		NR		1010		1020	
Selenium	2 or SB / 0.1-3.9	mg/kg	0.21	U	0.56		0.21	U	0.23	U	NR		0.19	U	0.25	U
Silver	SB / NA	mg/kg	0.22	U	0.21	U	0.22	U	0.25	U	NR		0.2	U	0.26	U
Sodium	SB / 6000-8000	mg/kg	689		275		319		464		NR		152		86.7	J
Thallium	SB / NA	mg/kg	0.21	U	0.2	U	0.21	U	0.23	U	NR		0.19	U	0.25	U
Vanadium	150 or SB / 1-300	mg/kg	25.4		6.72		13.9		20.2		NR		10.6		9.62	
Zinc	20 or SB / 9-50	mg/kg	26.6		11.5		16		182		NR		13.4		16.6	
Total Rec.Petr. Hydrocarbons		mg/kg							NR		NR				NR	
Cyanide		mg/kg	0.15	J	0.22	U	0.11	J	0.28	U	NR		0.19	J	0.17	J
% Solids		%	85.8		89		84.9		77.5		70.2		95.3		71.7	

TABLE 3
SUMMARY OF SOIL SAMPLE RESULTS
FARRINGTON STREET SITE

Client Sample ID:			01-01331-001		01-01331-002		01-01331-003		01-01331-004		01-01727-007		01-01727-008		01-01727-009	
Laboratory ID:			K2594-1		K2594-2		K2594-3		K2594-4		K2624-7		K2624-8		K2624-9	
Sample Location:	TAGM 4046 (1/94)		GT-2A		GT-2B		GT-2C		GT-2D		GT2DD		GT2DD		GT2DD	
Sample Depth:	Soil Cleanup		2' - 3'		2' - 3'		2' - 3'		2' - 3'		2' - 4'		14' - 15'		19' - 20'	
Matrix:	Objectives /		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Validated:	Eastern USA		No		No		No		No		No		No		No	
Sampling Date:	Background		02/07/2001		02/07/2001		02/07/2001		02/07/2001		02/16/2001		02/16/2001		02/16/2001	
Analyte:		Units:														
PCBs																
PCB 1016	1000	µg/kg	2.54	U	2.36	U	2.34	U	2.51	U	2.22	U	2.58	U	2.35	U
PCB 1221	1000	µg/kg	11.9	U	11.1	U	11	U	11.8	U	10.4	U	12.1	U	11.1	U
PCB 1232	1000	µg/kg	2.65	U	2.46	U	2.44	U	2.62	U	2.32	U	2.69	U	2.45	U
PCB 1242	1000	µg/kg	1.99	U	1.85	U	1.83	U	1.97	U	1.74	U	2.02	U	1.84	U
PCB 1248	1000	µg/kg	4.48	U	4.16	U	4.12	U	4.43	U	3.91	U	4.55	U	4.15	U
PCB 1254	1000	µg/kg	6.78	U	6.3	U	6.24	U	6.7	U	5.92	U	6.89	U	6.28	U
PCB 1260	1000	µg/kg	7.79	U	7.24	U	7.17	U	7.7	U	22.4		7.91	U	7.21	U
Volatiles																
Chloromethane	NA *	µg/kg	0.97	U	0.46	U	51.5	U	0.49	U	0.74	U	56.9	U	1.79	U
Bromomethane	NA *	µg/kg	0.98	U	0.35	U	35.8	U	0.37	U	0.85	U	39.5	U	1.82	U
Vinyl Chloride	200	µg/kg	1.17	U	0.6	U	50	U	0.64	U	0.74	U	55.3	U	2.16	U
Chloroethane	1900	µg/kg	1.03	U	0.61	U	47.2	U	0.65	U	0.41	U	52.1	U	1.91	U
Methylene Chloride	100	µg/kg	1.2	U	1.2		28.6	U	0.69	U	11.3		31.6	U	6.4	B
Acetone	200	µg/kg	2.88	U	1.93	U	270	U	2.04	U	9.42	U	299	U	232	B
Carbon disulfide	2700	µg/kg	0.89	U	0.43	U	21.5	U	0.46	U	0.59	U	23.7	U	1.66	U
1,1-Dichloroethene	400	µg/kg	0.82	U	0.31	U	30	U	0.33	U	0.46	U	33.2	U	1.52	U
1,1-Dichloroethane	200	µg/kg	0.73	U	0.58	U	20	U	0.62	U	0.35	U	22.1	U	1.36	U
t-1,2-Dichloroethene	300	µg/kg	0.42	U	0.46	U	38.6	U	0.49	U	0.89	U	42.7	U	0.78	U
c-1,2-Dichloroethene	300	µg/kg	0.89	U	0.31	U	27.2	U	0.33	U	1.09	U	30	U	1.66	U
Chloroform	300	µg/kg	0.83	U	0.39	U	18.6	U	0.42	U	0.37	U	20.5	U	1.54	U
1,2-Dichloroethane	100	µg/kg	0.57	U	0.2	U	22.9	U	0.21	U	0.65	U	25.3	U	1.06	U
2-Butanone	300	µg/kg	1.15	U	0.79	U	146	U	0.84	U	5.45	U	161	U	2.14	U
1,1,1-Trichloroethane	800	µg/kg	0.88	U	0.39	U	15.7	U	0.42	U	0.61	U	17.4	U	1.63	U
Carbon Tetrachloride	600	µg/kg	0.93	U	0.31	U	25.7	U	0.33	U	0.59	U	28.4	U	1.73	U
Bromodichloromethane	NA *	µg/kg	0.84	U	0.16	U	25.7	U	0.17	U	0.41	U	28.4	U	1.56	U
1,2-Dichloropropane	NA *	µg/kg	0.79	U	0.2	U	22.9	U	0.21	U	0.39	U	25.3	U	1.47	U
cis-1,3-Dichloropropene	300	µg/kg	0.78	U	0.22	U	25.7	U	0.23	U	0.54	U	28.4	U	1.45	U
Trichloroethene	700	µg/kg	0.93	U	0.32	U	24.3	U	0.34	U	0.65	U	26.9	U	1.73	U
Dibromochloromethane	NA *	µg/kg	0.68	U	0.24	U	11.4	U	0.26	U	0.63	U	12.6	U	1.26	U
1,1,2-Trichloroethane	NA *	µg/kg	0.72	U	0.26	U	44.3	U	0.27	U	1.02	U	49	U	1.33	U
Benzene	60	µg/kg	0.16	U	0.39	U	460		0.42	U	0.61	U	22.1	U	0.3	U
trans-1,3-Dichloropropene	300	µg/kg	0.69	U	0.24	U	25.7	U	0.26	U	0.89	U	28.4	U	1.29	U
Bromoform	NA *	µg/kg	0.42	U	0.35	U	17.2	U	0.37	U	1.04	U	19	U	0.78	U
4-Methyl-2-pentanone	1000	µg/kg	2.13	U	0.43	U	72.9	U	0.46	U	3.21	U	80.6	U	3.96	U
2-Hexanone	NA *	µg/kg	1.74	U	1.07	U	127	U	1.13	U	3.36	U	141	U	3.22	U
Tetrachloroethene	1400	µg/kg	0.78	U	0.26	U	11.4	U	0.27	U	0.61	U	12.6	U	1.45	U
Toluene	1500	µg/kg	0.21	U	0.22	U	586		1.2		0.72	U	25.3	U	2.3	
1,1,2,2-Tetrachloroethane	600	µg/kg	0.73	U	0.32	U	18.6	U	0.34	U	1.09	U	20.5	U	1.36	U
Chlorobenzene	1700	µg/kg	0.33	U	0.26	U	10	U	0.27	U	0.63	U	11.1	U	0.62	U
Ethylbenzene	5500	µg/kg	0.11	U	0.34	U	324		0.36	U	0.74	U	147		2.8	
Styrene	NA *	µg/kg	0.89	U	0.23	U	245		0.25	U	0.63	U	267		3.2	
m,p-xylene	1200	µg/kg	0.2	U	0.42	U	662		2		1.37	U	378		6.9	
o-xylene	1200	µg/kg	0.15	U	0.21	U	294		0.22	U	0.61	U	384		3.6	
Total BTEX			**ND**		**ND**		**2326**		**3.2**		**ND**		**909**		**12.8**	
Semi-Volatiles																
Phenol	30	µg/kg	202	U	113	U	558	U	120	U	43.2	U	41.1	U	374	U
bis(2-Chloroethyl)ether	NA *	µg/kg	195	U	109	U	538	U	115	U	55.9	U	39.6	U	361	U
2-Chlorophenol	800	µg/kg	199	U	111	U	549	U	118	U	52.5	U	40.4	U	368	U
1,3-Dichlorobenzene	1600	µg/kg	212	U	118	U	586	U	126	U	57.3	U	43.2	U	393	U
1,4-Dichlorobenzene	8500	µg/kg	206	U	115	U	570	U	123	U	54.5	U	42	U	382	U
1,2-Dichlorobenzene	7900	µg/kg	209	U	116	U	576	U	124	U	61.4	U	42.4	U	386	U
2-Methylphenol	100	µg/kg	172	U	96.1	U	476	U	102	U	55.1	U	35	U	319	U
bis(2-Chloroisopropyl)ether	NA *	µg/kg	225	U	125	U	621	U	133	U	58.1	U	45.7	U	416	U
3+4-Methylphenol	NA *	µg/kg	167	U	93	U	460	U	98.9	U	55.1	U	33.9	U	309	U
N-Nitrosodi-n-propylamine	NA *	µg/kg	203	U	113	U	560	U	120	U	50.8	U	41.2	U	375	U
Hexachloroethane	NA *	µg/kg	214	U	119	U	590	U	127	U	48.8	U	43.4	U	396	U
Nitrobenzene	200	µg/kg	234	U	130	U	646	U	139	U	60.7	U	47.5	U	433	U
Isophorone	4400	µg/kg	214	U	119	U	590	U	127	U	49.5	U	43.4	U	396	U
2-Nitrophenol	330	µg/kg	163	U	90.6	U	449	U	96.4	U	46.1	U	33	U	301	U
2,4-Dimethylphenol	NA *	µg/kg	98.3	U	54.8	U	271	U	58.3	U	43.1	U	59.8		182	U
bis(2-Chloroethoxy)methane	NA *	µg/kg	196	U	109	U	542	U	116	U	56.6	U	39.9	U	364	U
2,4-Dichlorophenol	400	µg/kg	170	U	94.9	U	470	U	101	U	50.9	U	34.6	U	315	U
1,2,4-Trichlorobenzene	NA *	µg/kg	206	U	115	U	569	U	122	U	62.1	U	41.9	U	382	U
4-Chloroaniline	220	µg/kg	214	U	120	U	592	U	127	U	30.8	U	43.6	U	397	U
Hexachlorobutadiene	NA *	µg/kg	206	U	115	U	570	U	123	U	58.1	U	42	U	382	U
4-Chloro-3-methylphenol	240	µg/kg	166	U	92.7	U	459	U	98.6	U	59.8	U	33.8	U	308	U
Hexachlorocyclopentadiene	NA *	µg/kg	173	U	96.3	U	477	U	102	U	25.7	U	35.1	U	320	U
2,4,6-Trichlorophenol	NA *	µg/kg	164	U	91.6	U	454	U	97.4	U	51.2	U	33.4	U	304	U
2,4,5-Trichlorophenol	100	µg/kg	158	U	88.2	U	437	U	93.8	U	45.6	U	32.2	U	293	U
2-Chloronaphthalene	NA *	µg/kg	189	U	106	U	523	U	112	U	59.4	U	38.5	U	351	U
2-Nitroaniline	430	µg/kg	149	U	83	U	411	U	88.3	U	44.6	U	30.3	U	276	U
Dimethylphthalate	2000	µg/kg	181	U	101	U	501	U	108	U	59.3	U	36.8	U	336	U
2,6-Dinitrotoluene	1000	µg/kg	167	U	93.3	U	462	U	99.3	U	44.1	U	34	U	310	U
3-Nitroaniline	500	µg/kg	160	U	89.1	U	442	U	94.8	U	28.4	U	32.5	U	296	U
2,4-Dinitrophenol	200	µg/kg	190	U	106	U	525	U	113	U	42.1	U	38.6	U	352	U

TABLE 3
SUMMARY OF SOIL SAMPLE RESULTS
FARRINGTON STREET SITE

Client Sample ID:			01-01331-001		01-01331-002		01-01331-003		01-01331-004		01-01727-007		01-01727-008		01-01727-009	
Laboratory ID:			K2594-1		K2594-2		K2594-3		K2594-4		K2624-7		K2624-8		K2624-9	
Sample Location:	TAGM 4046 (1/94)		GT-2A		GT-2B		GT-2C		GT-2D		GT2DD		GT2DD		GT2DD	
Sample Depth:	Soil Cleanup		2' - 3'		2' - 3'		2' - 3'		2' - 3'		2' - 4'		14' - 15'		19' - 20'	
Matrix:	Objectives /		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Validated:	Eastern USA		No		No		No		No		No		No		No	
Sampling Date:	Background		02/07/2001		02/07/2001		02/07/2001		02/07/2001		02/16/2001		02/16/2001		02/16/2001	
Analyte:		Units:														
4-Nitrophenol	100	µg/kg	124	U	68.9	U	341	U	73.3	U	94.6	U	25.1	U	229	U
Dibenzofuran	6200	µg/kg	232		101	U	3420		107	U	61.1	U	147		10400	
2,4-Dinitrotoluene	NA *	µg/kg	159	U	88.6	U	439	U	94.2	U	40.3	U	32.3	U	294	U
Diethylphthalate	7100	µg/kg	116	U	64.9	U	321	U	69	U	39	U	23.6	U	215	U
4-Chlorophenyl phenyl ether	NA *	µg/kg	184	U	103	U	509	U	109	U	70.2	U	37.5	U	341	U
4-Nitroaniline	NA *	µg/kg	140	U	77.9	U	386	U	82.9	U	32.8	U	28.4	U	259	U
4,6-Dinitro-2-methylphenol	NA *	µg/kg	176	U	98.2	U	486	U	104	U	55.3	U	35.8	U	326	U
N-Nitrosodiphenylamine	NA *	µg/kg	166	U	92.6	U	459	U	98.5	U	58.2	U	33.8	U	308	U
4-Bromophenyl phenyl ether	NA *	µg/kg	168	U	93.8	U	464	U	99.8	U	53	U	34.2	U	311	U
Hexachlorobenzene	410	µg/kg	184	U	103	U	510	U	109	U	52	U	37.5	U	342	U
Pentachlorophenol	1000	µg/kg	125	U	69.7	U	345	U	74.2	U	35.4	U	25.4	U	232	U
Carbazole	NA *	µg/kg	514		232	U	1700		247	U	41.4	U	221		10600	
Di-n-butylphthalate	8100	µg/kg	141	J	226	U	1120	U	241	U	157	U	82.5	U	752	U
Butylbenzylphthalate	50000	µg/kg	124	U	69.1	U	342	U	73.6	U	34.6	U	25.2	U	230	U
3,3'-Dichlorobenzidine	NA *	µg/kg	402	U	224	U	1110	U	238	U	60	U	81.7	U	745	U
bis(2-Ethylhexyl)phthalate	50000	µg/kg	118	J	214	J	395	J	97.2	J	138	J	40	J	115	J
Di-n-octylphthalate	50000	µg/kg	112	U	62.2	U	308	U	66.2	U	44.6	U	22.7	U	4730	U
Non Carcinogenic PAHs																
Acenaphthene	50000*	µg/kg	568		99.8	U	2940		106	U	33.3	J	566		12800	
Acenaphthylene	41000	µg/kg	5730		106	U	18600		44.3	J	591		364		89100	
Anthracene	50000*	µg/kg	1810		77.2	U	11100		46.7	J	209		574		35000	
Benzo(g,h,i)perylene	50000*	µg/kg	1660		45.3	U	4020		91		616		25.7		5760	
Fluoranthene	50000*	µg/kg	5260		75.7	U	17600		327		1290		737		57700	
Fluorene	50000*	µg/kg	896		98	U	14200		104	U	63.6	U	1180		91300	
2-Methylnaphthalene	36400	µg/kg	647		93.2	U	45100		99.1	U	62.3		2610		342000	
Naphthalene	13000	µg/kg	404		109	U	29900		116	U	52.9	J	2930		763000	
Phenanthrene	50000*	µg/kg	3590		84.6	U	36000		140		623		2720		243000	
Pyrene	50000*	µg/kg	10300		76.5	U	26700		288		2110		1020		107000	
Total Non Carcinogenic PAHs			30865		ND		206160		937		5587.5		12726.7		1746660	
Probable Carcinogenic PAHs																
Benzo(a)anthracene	224 or MDL	µg/kg	3490		69.8	U	12100		159		1060		305		23400	
Benzo(b)fluoranthene	1100	µg/kg	4810		48.6	U	7330		114		1340		124		15500	
Benzo(k)fluoranthene	1100	µg/kg	4700		72.7	U	9380		141		785		172		13400	
Benzo(a)pyrene	61 or MDL	µg/kg	6900		54.1	U	13700		157		1180		198		22600	
Chrysene	400	µg/kg	4090		74.5	U	12800		161		1120		324		24100	
Indeno(1,2,3-cd)pyrene	3200	µg/kg	1740		47.3	U	4120		80		554		28.7		3150	J
Dibenz(a,h)anthracene	14 or MDL	µg/kg	176		47.5	U	1430		50.6	U	130		17.3	U	4590	U
Total Probable Carcinogenic PAHs			25906		ND		60860		812		6169		1151.7		102150	
Total PAHs			**56771**		**ND**		**267020**		**1749**		**11756.5**		**13878.4**		**1848810**	
Metals																
Aluminum	SB / 33000	mg/kg	8830		13600		9550		13300		5160		10200		2890	
Antimony	SB / NA	mg/kg	7.38		13.3		10.1		10.8		0.56	U	19.1		8.61	
Arsenic	7.5 or SB / 3-12	mg/kg	5.3		1.36		3.82		3.15		2.49		0.43	U	0.02	J
Barium	300 or SB / 15-600	mg/kg	94.6		67.5		71.5		66.1		40.9		117		21.7	
Beryllium	0.16 or SB / 0-1.75	mg/kg	0.58		0.71		0.59		0.61		0.48		0.71		0.25	
Cadmium	1 or SB / 0.1-1	mg/kg	8.09		257		7.43		2.38		1.68		2.8		1.18	
Calcium	SB / 130-35000	mg/kg	5970		900		974		785		14500		848		874	
Chromium	10 or SB / 1.5-40	mg/kg	37		26.8		18.7		18.6		11.3		27.9		9.34	
Cobalt	30 or SB / 2.5-60	mg/kg	6.92		10.2		8.04		6.37		4.42		12.3		5.49	
Copper	25 or SB / 1-50	mg/kg	32.8		18.4		18.5		11.4		20.4		13.4		13.4	
Iron	2000 or SB / 2000-550000	mg/kg	18700		21500		14700		16800		10600		23400		10100	
Lead	SB / 200-500	mg/kg	1520		5.65		258		30.9		161		3.44		1.15	
Magnesium	SB / 100-5000	mg/kg	2480		3290		2200		2170		3610		5020		1070	
Manganese	SB / 50-5000	mg/kg	180		275		173		248		185		239		73.2	
Mercury	0.1 / 0.001-0.2	mg/kg	0.17		0.024		0.16		0.051		0.24		0.011	U	0.01	U
Nickel	13 or SB / 0.5-25	mg/kg	17.8		21.2		15.9		14.6		10.5		25.6		17	
Potassium	SB / 8500-43000	mg/kg	1440		3260		2090		1510		1160		8340		647	
Selenium	2 or SB / 0.1-3.9	mg/kg	0.22	U	0.21	U	0.24		0.22	U	0.2	U	0.23	U	0.21	U
Silver	SB / NA	mg/kg	0.24	U	0.22	U	0.22	U	0.23	U	0.21	U	0.84		0.22	U
Sodium	SB / 6000-8000	mg/kg	1810		872		2230		77.5	J	172		126	U	26.4	J
Thallium	SB / NA	mg/kg	0.22	U	0.21	U	0.21	U	0.22	U	0.2	U	0.23	U	0.21	U
Vanadium	150 or SB / 1-300	mg/kg	36.7		33.9		23.6		26.6		18.9		37.4		13.1	
Zinc	20 or SB / 9-50	mg/kg	903		37.1		1230		69		115		52.5		13.4	
Total Rec.Petr. Hydrocarbons		mg/kg	1900		3.42	U	1870		23.8		NR		NR		NR	
Cyanide		mg/kg	1.35		0.006	U	0.0001	J	0.006	U	0.21	U	0.3	U	0.19	U
% Solids		%	80.4		86.5		87.3		81.3		92		79.1		86.8	

TABLE 3
SUMMARY OF SOIL SAMPLE RESULTS
FARRINGTON STREET SITE

Client Sample ID:			01-01727-010		01-00982-001		01-01079-003		01-01079-002		01-01079-004		01-01077-002		01-01077-001	
Laboratory ID:			K2624-10		K8388-1		K8396-3		K8396-2		K8396-4		K8394-2		K8394-1	
Sample Location:	TAGM 4046 (1/94)		GT2DD		GT-3		GT-3		GT-3		SB-1		SB-1		SB-1	
Sample Depth:	Soil Cleanup		23' - 24'		2' - 4'		11' - 13'		15' - 17'		2' - 4'		14' - 15'		16' - 18'	
Matrix:	Objectives /		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Validated:	Eastern USA		No		No		No		No		No		No		No	
Sampling Date:	Background		02/16/2001		01/30/2001		01/31/2001		01/31/2001		01/31/2001		02/01/2001		02/01/2001	
Analyte:		Units:														
PCBs																
PCB 1016	1000	µg/kg	2.53	U	2.68	U	2.15	U	2.37	U	2.39	U	2.13	U	2.42	U
PCB 1221	1000	µg/kg	11.9	U	12.6	U	10.1	U	11.1	U	11.3	U	10	U	11.4	U
PCB 1232	1000	µg/kg	2.64	U	2.8	U	2.25	U	2.47	U	2.5	U	2.23	U	2.53	U
PCB 1242	1000	µg/kg	1.98	U	2.1	U	1.69	U	1.86	U	1.88	U	1.67	U	1.9	U
PCB 1248	1000	µg/kg	4.46	U	4.73	U	3.8	U	4.18	U	4.22	U	3.77	U	4.28	U
PCB 1254	1000	µg/kg	6.75	U	7.16	U	5.75	U	6.32	U	6.39	U	5.7	U	6.47	U
PCB 1260	1000	µg/kg	7.76	U	8.23	U	6.6	U	7.26	U	7.34	U	6.55	U	7.43	U
Volatiles																
Chloromethane	NA *	µg/kg	4.84	U	1.02	U	4.11	U	0.9	U	0.91	U	0.82	U	1.86	U
Bromomethane	NA *	µg/kg	4.9	U	1.03	U	4.16	U	0.92	U	0.92	U	0.83	U	1.88	U
Vinyl Chloride	200	µg/kg	5.83	U	1.23	U	4.95	U	1.09	U	1.1	U	0.99	U	2.24	U
Chloroethane	1900	µg/kg	5.15	U	1.09	U	4.37	U	0.96	U	0.97	U	0.87	U	1.98	U
Methylene Chloride	100	µg/kg	6.01	U	1.5		5.11	U	1.13	U	1.13	U	1.02	U	2.31	U
Acetone	200	µg/kg	131		3.04	U	51.6		2.69	U	2.71	U	2.44	U	60.9	
Carbon disulfide	2700	µg/kg	4.46	U	0.94	U	3.79	U	0.84	U	0.84	U	0.76	U	1.71	U
1,1-Dichloroethene	400	µg/kg	4.09	U	0.86	U	3.48	U	0.77	U	0.77	U	0.69	U	1.57	U
1,1-Dichloroethane	200	µg/kg	3.66	U	0.77	U	3.11	U	0.68	U	0.69	U	0.62	U	1.4	U
t-1,2-Dichloroethene	300	µg/kg	2.11	U	0.45	U	1.79	U	0.39	U	0.4	U	0.36	U	0.81	U
c-1,2-Dichloroethene	300	µg/kg	4.46	U	0.94	U	3.79	U	0.84	U	0.84	U	0.76	U	1.71	U
Chloroform	300	µg/kg	4.15	U	0.88	U	3.53	U	0.78	U	0.78	U	0.7	U	1.59	U
1,2-Dichloroethane	100	µg/kg	2.85	U	0.6	U	2.42	U	0.53	U	0.54	U	0.48	U	1.09	U
2-Butanone	300	µg/kg	5.77	U	1.22	U	4.9	U	1.08	U	1.09	U	0.98	U	2.21	U
1,1,1-Trichloroethane	800	µg/kg	4.4	U	0.93	U	3.74	U	0.82	U	0.83	U	0.75	U	1.69	U
Carbon Tetrachloride	600	µg/kg	4.65	U	0.98	U	3.95	U	0.87	U	0.88	U	0.79	U	1.78	U
Bromodichloromethane	NA *	µg/kg	4.22	U	0.89	U	3.58	U	0.79	U	0.8	U	0.71	U	1.62	U
1,2-Dichloropropane	NA *	µg/kg	3.97	U	0.84	U	3.37	U	0.74	U	0.75	U	0.67	U	1.52	U
cis-1,3-Dichloropropene	300	µg/kg	3.91	U	0.83	U	3.32	U	0.73	U	0.74	U	0.66	U	1.5	U
Trichloroethene	700	µg/kg	4.65	U	0.98	U	3.95	U	0.87	U	0.88	U	0.79	U	1.78	U
Dibromochloromethane	NA *	µg/kg	3.41	U	0.72	U	2.9	U	0.64	U	0.64	U	0.58	U	1.31	U
1,1,2-Trichloroethane	NA *	µg/kg	3.6	U	0.76	U	3.06	U	0.67	U	0.68	U	0.61	U	1.38	U
Benzene	60	µg/kg	0.81	U	0.17	U	0.69	U	0.15	U	0.15	U	0.14	U	0.31	U
trans-1,3-Dichloropropene	300	µg/kg	3.47	U	0.73	U	2.95	U	0.65	U	0.66	U	0.59	U	1.33	U
Bromoform	NA *	µg/kg	2.11	U	0.45	U	1.79	U	0.39	U	0.4	U	0.36	U	0.81	U
4-Methyl-2-pentanone	1000	µg/kg	10.7	U	2.25	U	9.06	U	2	U	2.01	U	1.81	U	4.09	U
2-Hexanone	NA *	µg/kg	8.68	U	1.83	U	7.38	U	1.62	U	1.64	U	1.47	U	3.33	U
Tetrachloroethene	1400	µg/kg	3.91	U	0.83	U	3.32	U	0.73	U	0.74	U	0.66	U	1.5	U
Toluene	1500	µg/kg	1.05	U	0.22	U	7.5		0.2	U	0.2	U	1.3		2	
1,1,2,2-Tetrachloroethane	600	µg/kg	3.66	U	0.77	U	3.11	U	0.68	U	0.69	U	0.62	U	1.4	U
Chlorobenzene	1700	µg/kg	1.67	U	0.35	U	1.42	U	0.31	U	0.32	U	0.28	U	0.64	U
Ethylbenzene	5500	µg/kg	0.56	U	0.12	U	0.47	U	0.1	U	0.11	U	0.094	U	0.21	U
Styrene	NA *	µg/kg	4.46	U	0.94	U	22.5		0.84	U	0.84	U	0.76	U	1.71	U
m,p-xylene	1200	µg/kg	13.9		0.21	U	5.1		0.19	U	0.19	U	1.3		2.3	
o-xylene	1200	µg/kg	9.7		0.16	U	0.63	U	0.14	U	0.14	U	0.13	U	0.29	U
Total BTEX			**23.6**		**ND**		**12.6**		**ND**		**ND**		**2.6**		**4.3**	
Semi-Volatiles																
Phenol	30	µg/kg	40.3	U	78.3	U	314	U	69.1	U	69.9	U	59	U	67	U
bis(2-Chloroethyl)ether	NA *	µg/kg	38.8	U	101	U	407	U	89.6	U	90.5	U	74.2	U	84.2	U
2-Chlorophenol	800	µg/kg	39.6	U	95.3	U	382	U	84.1	U	85	U	61	U	69.2	U
1,3-Dichlorobenzene	1600	µg/kg	42.3	U	104	U	417	U	91.8	U	92.7	U	74.1	U	84.1	U
1,4-Dichlorobenzene	8500	µg/kg	41.1	U	98.8	U	397	U	87.2	U	88.2	U	75.6	U	85.9	U
1,2-Dichlorobenzene	7900	µg/kg	41.6	U	111	U	447	U	98.4	U	99.4	U	76.5	U	86.8	U
2-Methylphenol	100	µg/kg	34.3	U	99.9	U	401	U	88.2	U	89.1	U	60.8	U	69	U
bis(2-Chloroisopropyl)ether	NA *	µg/kg	44.8	U	105	U	423	U	93	U	94	U	44.2	U	50.2	U
3+4-Methylphenol	NA *	µg/kg	33.2	U	100	U	401	U	88.3	U	89.2	U	49.8	U	56.5	U
N-Nitrosodi-n-propylamine	NA *	µg/kg	40.4	U	92.1	U	370	U	81.3	U	82.2	U	61.8	U	70.2	U
Hexachloroethane	NA *	µg/kg	42.5	U	88.6	U	355	U	78.2	U	79	U	77	U	87.4	U
Nitrobenzene	200	µg/kg	46.6	U	110	U	442	U	97.2	U	98.2	U	84.9	U	96.4	U
Isophorone	4400	µg/kg	42.6	U	89.8	U	360	U	79.2	U	80.1	U	57.2	U	65	U
2-Nitrophenol	330	µg/kg	32.4	U	83.6	U	335	U	73.8	U	74.6	U	65.3	U	74.1	U
2,4-Dimethylphenol	NA *	µg/kg	19.6	U	78.2	U	314	U	69	U	69.8	U	36.6	U	41.6	U
bis(2-Chloroethoxy)methane	NA *	µg/kg	39.1	U	103	U	412	U	90.6	U	91.6	U	67.2	U	76.2	U
2,4-Dichlorophenol	400	µg/kg	33.9	U	92.4	U	371	U	81.6	U	82.4	U	62.7	U	71.1	U
1,2,4-Trichlorobenzene	NA *	µg/kg	41.1	U	113	U	452	U	99.4	U	100	U	69.5	U	78.9	U
4-Chloroaniline	220	µg/kg	42.7	U	55.8	U	224	U	49.3	U	49.8	U	76.9	U	87.3	U
Hexachlorobutadiene	NA *	µg/kg	41.1	U	105	U	423	U	93	U	94	U	70.5	U	80	U
4-Chloro-3-methylphenol	240	µg/kg	33.1	U	108	U	435	U	95.7	U	96.7	U	47.9	U	54.4	U
Hexachlorocyclopentadiene	NA *	µg/kg	34.4	U	46.7	U	187	U	41.2	U	41.6	U	115	U	130	U
2,4,6-Trichlorophenol	NA *	µg/kg	32.7	U	92.8	U	372	U	81.9	U	82.8	U	77	U	87.4	U
2,4,5-Trichlorophenol	100	µg/kg	31.5	U	82.7	U	332	U	73	U	73.7	U	71.3	U	81	U
2-Chloronaphthalene	NA *	µg/kg	37.7	U	108	U	432	U	95.1	U	96.1	U	71.4	U	81.1	U
2-Nitroaniline	430	µg/kg	29.7	U	80.9	U	325	U	71.5	U	72.2	U	49.9	U	56.6	U
Dimethylphthalate	2000	µg/kg	36.1	U	108	U	432	U	95	U	96	U	63.9	U	72.6	U
2,6-Dinitrotoluene	1000	µg/kg	33.3	U	79.9	U	321	U	70.5	U	71.3	U	52.7	U	59.9	U
3-Nitroaniline	500	µg/kg	31.9	U	51.5	U	207	U	45.5	U	46	U	45	U	51.1	U
2,4-Dinitrophenol	200	µg/kg	37.9	U	76.3	U	306	U	67.4	U	68.1	U	63	U	71.5	U

TABLE 3
SUMMARY OF SOIL SAMPLE RESULTS
FARRINGTON STREET SITE

Client Sample ID:			01-01727-010		01-00982-001		01-01079-003		01-01079-002		01-01079-004		01-01077-002		01-01077-001	
Laboratory ID:			K2624-10		K8388-1		K8396-3		K8396-2		K8396-4		K8394-2		K8394-1	
Sample Location:	TAGM 4046 (1/94)		GT2DD		GT-3		GT-3		GT-3		SB-1		SB-1		SB-1	
Sample Depth:	Soil Cleanup		23' - 24'		2' - 4'		11' - 13'		15' - 17'		2' - 4'		14' - 15'		16' - 18'	
Matrix:	Objectives /		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Validated:	Eastern USA		No		No		No		No		No		No		No	
Sampling Date:	Background		02/16/2001		01/30/2001		01/31/2001		01/31/2001		01/31/2001		02/01/2001		02/01/2001	
Analyte:		Units:														
4-Nitrophenol	100	µg/kg	24.6	U	171	U	688	U	151	U	153	U	85.6	U	97.1	U
Dibenzofuran	6200	µg/kg	138		111	U	992		97.8	U	98.8	U	68	U	77.2	U
2,4-Dinitrotoluene	NA *	µg/kg	31.6	U	73.1	U	293	U	64.5	U	65.2	U	39.2	U	44.5	U
Diethylphthalate	7100	µg/kg	9.9	J	70.7	U	284	U	62.4	U	63.1	U	50.1	U	56.9	U
4-Chlorophenyl phenyl ether	NA *	µg/kg	36.7	U	127	U	511	U	112	U	114	U	69.8	U	79.2	U
4-Nitroaniline	NA *	µg/kg	27.8	U	59.4	U	238	U	52.4	U	53	U	66.9	U	76	U
4,6-Dinitro-2-methylphenol	NA *	µg/kg	35.1	U	100	U	402	U	88.5	U	89.4	U	68.8	U	78.1	U
N-Nitrosodiphenylamine	NA *	µg/kg	33.1	U	106	U	424	U	93.2	U	94.1	U	61.5	U	69.8	U
4-Bromophenyl phenyl ether	NA *	µg/kg	33.5	U	96.2	U	386	U	84.9	U	85.8	U	65.5	U	74.3	U
Hexachlorobenzene	410	µg/kg	36.8	U	94.4	U	379	U	83.3	U	84.2	U	59.6	U	67.7	U
Pentachlorophenol	1000	µg/kg	24.9	U	64.1	U	257	U	56.6	U	57.2	U	44.1	U	50.1	U
Carbazole	NA *	µg/kg	143		75	U	301	U	66.2	U	66.9	U	48.3	U	54.9	U
Di-n-butylphthalate	8100	µg/kg	80.9	U	117	J	1140	U	251	U	253	U	204	U	43.9	J
Butylbenzylphthalate	50000	µg/kg	24.7	U	62.8	U	252	U	55.5	U	56	U	54.1	U	61.4	U
3,3'-Dichlorobenzidine	NA *	µg/kg	80.1	U	109	U	437	U	96.1	U	97.1	U	127	U	144	U
bis(2-Ethylhexyl)phthalate	50000	µg/kg	132	J	321	J	169	J	145	J	87.9	J	3210		1060	
Di-n-octylphthalate	50000	µg/kg	22.2	U	80.9	U	325	U	71.5	U	72.2	U	56.2	U	63.8	U
Non Carcinogenic PAHs																
Acenaphthene	50000*	µg/kg	177		114	U	2380		100	U	101	U	70.8	U	35.6	J
Acenaphthylene	41000	µg/kg	1030		206		6590		85.8	J	263		176		141	
Anthracene	50000*	µg/kg	635		72.3	J	4970		38.3	J	87.9		35.6	J	62.9	
Benzo(g,h,i)perylene	50000*	µg/kg	36.8		234		2030		53.4	J	199		91		58.2	
Fluoranthene	50000*	µg/kg	785		371		11200		162		406		44.8	U	61.8	
Fluorene	50000*	µg/kg	973		115	U	11300		102	U	103	U	62	U	132	
2-Methylnaphthalene	36400	µg/kg	2000		92.6	U	372	U	81.8	U	49.2	J	68.9	U	363	
Naphthalene	13000	µg/kg	2120		109	U	222	J	96.1	U	68	J	73	U	82.9	U
Phenanthrene	50000*	µg/kg	2670		145		28700		63.8	J	175		50	U	154	
Pyrene	50000*	µg/kg	1200		783		17700		367		694		45.2	U	105	
Total Non Carcinogenic PAHs			11626.8		1811.3		85092		770.3		1942.1		302.6		1113.5	
Probable Carcinogenic PAHs																
Benzo(a)anthracene	224 or MDL	µg/kg	389		410		5610		153		360		38.7	U	43.9	U
Benzo(b)fluoranthene	1100	µg/kg	146		335		3440		103		383		169		101	
Benzo(k)fluoranthene	1100	µg/kg	209		255		2940		85.8		243		142		98.6	
Benzo(a)pyrene	61 or MDL	µg/kg	272		574		5580		177		440		259		121	
Chrysene	400	µg/kg	408		405		5800		146		416		47.6	U	54	U
Indeno(1,2,3-cd)pyrene	3200	µg/kg	38.8		189		1790		42.9	J	185		87.9		49.9	
Dibenz(a,h)anthracene	14 or MDL	µg/kg	17	U	74.9	J	638		69.4	U	78.5		38.8	U	44.1	U
Total Probable Carcinogenic PAHs			1462.8		2242.9		25798		707.7		2105.5		657.9		340.5	
Total PAHs			**13089.6**		**4054.2**		**110890**		**1478**		**4047.6**		**960.5**		**1454**	
Metals																
Aluminum	SB / 33000	mg/kg	1660		13600		3130		2260		8800		4650		2630	
Antimony	SB / NA	mg/kg	3.01		10.7		10		4.43		9.35		9.59		4.07	
Arsenic	7.5 or SB / 3-12	mg/kg	0.42	U	3.38		1.31		0.39	U	2.56		0.36	U	0.4	U
Barium	300 or SB / 15-600	mg/kg	13.2		44.5		27.9		21.9		44.1		48.9		17.9	
Beryllium	0.16 or SB / 0-1.75	mg/kg	0.21		0.52		0.26		0.21		0.48		0.32		0.18	
Cadmium	1 or SB / 0.1-1	mg/kg	0.7		2.56		1.67		0.96		2.25		1.94		0.76	
Calcium	SB / 130-35000	mg/kg	558		1250		565		339		985		846		536	
Chromium	10 or SB / 1.5-40	mg/kg	7.45		19.4		10.5		6.36		15.9		15.9		9.04	
Cobalt	30 or SB / 2.5-60	mg/kg	3.14		8		4.63		3.21		5.8		5.82		2.79	
Copper	25 or SB / 1-50	mg/kg	8.7		10.8		15.1		10.2		17.2		12.1		8.87	
Iron	2000 or SB / 2000-550000	mg/kg	5410		21100		13900		8360		14700		15400		6440	
Lead	SB / 200-500	mg/kg	0.74		7.93		1.9		1.16		120		1.34		0.25	
Magnesium	SB / 100-5000	mg/kg	924		2500		1090		996		1870		1820		1160	
Manganese	SB / 50-5000	mg/kg	39.5		147		119		68.8		248		153		51	
Mercury	0.1 / 0.001-0.2	mg/kg	0.011	U	0.061		0.0093	U	0.01	U	0.084		0.0091	U	0.01	
Nickel	13 or SB / 0.5-25	mg/kg	15.3		14.1		11.5		8.94		12.3		15.2		12.8	
Potassium	SB / 8500-43000	mg/kg	358		1300		944		1080		1110		2290		584	
Selenium	2 or SB / 0.1-3.9	mg/kg	0.44		0.24	U	0.19	U	0.21	U	0.21	U	0.19	U	0.069	J
Silver	SB / NA	mg/kg	0.23	U	0.25	U	0.2	U	0.22	U	0.22	U	0.2	U	0.23	U
Sodium	SB / 6000-8000	mg/kg	101	J	162		209		209		568		304		188	
Thallium	SB / NA	mg/kg	0.22	U	0.24	U	0.19	U	0.21	U	0.21	U	0.19	U	0.21	U
Vanadium	150 or SB / 1-300	mg/kg	6.22		30.1		13.9		8.56		22.2		18.2		9.24	
Zinc	20 or SB / 9-50	mg/kg	10		51.1		14.3		12.8		99		19.7		8.34	
Total Rec.Petr. Hydrocarbons		mg/kg	NR		NR											
Cyanide		mg/kg	0.16	U	0.19	J	0.29	U	0.22	U	0.29		0.22	U	0.28	U
% Solids		%	80.7		76.1		94.8		86.2		85.3		95.6		84.2	

TABLE 3
SUMMARY OF SOIL SAMPLE RESULTS
FARRINGTON STREET SITE

Client Sample ID:			01-01077-003		01-01079-006		01-01077-004		01-01081-002		01-01077-007		01-01077-006		01-01174-006	
Laboratory ID:			K8394-3		K8396-6		K8394-4		K8398-2		K8394-7		K8394-6		K8399-4	
Sample Location:	TAGM 4046 (1/94)		SB-1		SB-2		SB-2		SB-2		SB-2		SB-3		SB-3	
Sample Depth:	Soil Cleanup		20' - 21'		2' - 4'		14' - 15'		21' - 23'		25' - 26'		2' - 4'		11' - 13'	
Matrix:	Objectives /		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Validated:	Eastern USA		No		No		No		No		No		No		No	
Sampling Date:	Background		02/01/2001		01/31/2001		02/01/2001		02/01/2001		02/01/2001		02/01/2001		02/02/2001	
Analyte:		Units:														
PCBs																
PCB 1016	1000	µg/kg	2.72	U	2.31	U	2.16	U	2.37	U	2.21	U	2.42	U	2.13	U
PCB 1221	1000	µg/kg	12.8	U	10.9	U	10.1	U	11.1	U	10.4	U	11.4	U	10	U
PCB 1232	1000	µg/kg	2.84	U	2.41	U	2.25	U	2.47	U	2.31	U	2.52	U	2.23	U
PCB 1242	1000	µg/kg	2.14	U	1.81	U	1.69	U	1.86	U	1.74	U	1.9	U	1.67	U
PCB 1248	1000	µg/kg	4.81	U	4.08	U	3.81	U	4.18	U	3.91	U	4.27	U	3.76	U
PCB 1254	1000	µg/kg	7.28	U	6.18	U	5.76	U	6.33	U	5.92	U	6.46	U	5.69	U
PCB 1260	1000	µg/kg	8.36	U	7.1	U	6.62	U	7.27	U	6.8	U	7.42	U	6.54	U
Volatiles																
Chloromethane	NA *	µg/kg	1.05	U	0.88	U	0.83	U	52.2	U	0.85	U	0.92	U	0.81	U
Bromomethane	NA *	µg/kg	1.06	U	0.89	U	0.84	U	36.3	U	0.86	U	0.93	U	0.82	U
Vinyl Chloride	200	µg/kg	1.26	U	1.06	U	1	U	50.8	U	1.02	U	1.11	U	0.98	U
Chloroethane	1900	µg/kg	1.11	U	0.94	U	0.88	U	47.8	U	0.9	U	0.98	U	0.86	U
Methylene Chloride	100	µg/kg	33.9		2.7	B	37.4		29	U	25		25		1.01	U
Acetone	200	µg/kg	3.11	U	2.62	U	2.46	U	274	U	2.53	U	2.74	U	2.41	U
Carbon disulfide	2700	µg/kg	0.96	U	0.81	U	0.76	U	21.8	U	0.78	U	0.85	U	0.75	U
1,1-Dichloroethene	400	µg/kg	0.88	U	0.75	U	0.7	U	30.5	U	0.72	U	0.78	U	0.69	U
1,1-Dichloroethane	200	µg/kg	0.79	U	0.67	U	0.63	U	20.3	U	0.64	U	0.7	U	0.61	U
t-1,2-Dichloroethene	300	µg/kg	0.46	U	0.38	U	0.36	U	39.2	U	0.37	U	0.4	U	0.35	U
c-1,2-Dichloroethene	300	µg/kg	0.96	U	0.81	U	0.76	U	27.5	U	0.78	U	0.85	U	0.75	U
Chloroform	300	µg/kg	0.9	U	0.76	U	0.71	U	18.9	U	0.73	U	0.79	U	0.7	U
1,2-Dichloroethane	100	µg/kg	0.62	U	0.52	U	0.49	U	23.2	U	0.5	U	0.54	U	0.48	U
2-Butanone	300	µg/kg	1.25	U	1.05	U	0.99	U	148	U	1.01	U	1.1	U	0.97	U
1,1,1-Trichloroethane	800	µg/kg	0.95	U	0.8	U	0.75	U	15.9	U	0.77	U	0.84	U	0.74	U
Carbon Tetrachloride	600	µg/kg	1	U	0.85	U	0.8	U	26.1	U	0.82	U	0.88	U	0.78	U
Bromodichloromethane	NA *	µg/kg	0.91	U	0.77	U	0.72	U	26.1	U	0.74	U	0.8	U	0.71	U
1,2-Dichloropropane	NA *	µg/kg	0.86	U	0.72	U	0.68	U	23.2	U	0.7	U	0.76	U	0.67	U
cis-1,3-Dichloropropene	300	µg/kg	0.84	U	0.71	U	0.67	U	26.1	U	0.69	U	0.74	U	0.66	U
Trichloroethene	700	µg/kg	1	U	0.85	U	0.8	U	24.6	U	0.82	U	0.88	U	0.78	U
Dibromochloromethane	NA *	µg/kg	0.74	U	0.62	U	0.58	U	11.6	U	0.6	U	0.65	U	0.57	U
1,1,2-Trichloroethane	NA *	µg/kg	0.78	U	0.66	U	0.61	U	45	U	0.63	U	0.68	U	0.6	U
Benzene	60	µg/kg	0.17	U	0.15	U	0.14	U	20.3	U	0.14	U	0.15	U	0.14	U
trans-1,3-Dichloropropene	300	µg/kg	0.75	U	0.63	U	0.59	U	26.1	U	0.61	U	0.66	U	0.58	U
Bromoform	NA *	µg/kg	0.46	U	0.38	U	0.36	U	17.4	U	0.37	U	0.4	U	0.35	U
4-Methyl-2-pentanone	1000	µg/kg	2.3	U	1.94	U	1.82	U	73.9	U	1.87	U	2.03	U	1.79	U
2-Hexanone	NA *	µg/kg	1.88	U	1.58	U	1.48	U	129	U	1.53	U	1.65	U	1.46	U
Tetrachloroethene	1400	µg/kg	0.84	U	0.71	U	0.67	U	11.6	U	3		0.74	U	0.66	U
Toluene	1500	µg/kg	6.6		1.3		5.3		23.2	U	2.5		2.3		0.18	U
1,1,2,2-Tetrachloroethane	600	µg/kg	0.79	U	0.67	U	0.63	U	18.9	U	0.64	U	0.7	U	0.61	U
Chlorobenzene	1700	µg/kg	0.36	U	0.31	U	0.29	U	10.1	U	0.29	U	0.32	U	0.28	U
Ethylbenzene	5500	µg/kg	4.7		2		3.7		4530		0.098	U	1.6		0.094	U
Styrene	NA *	µg/kg	0.96	U	0.81	U	0.76	U	11.6	U	0.78	U	0.85	U	0.75	U
m,p-xylene	1200	µg/kg	20.9		0.18	U	18.2		168		6.7		6.8		0.17	U
o-xylene	1200	µg/kg	6.2		0.14	U	5.3		1110		1.9		1.7		0.12	U
Total BTEX			**38.4**		**3.3**		**32.5**		**5808**		**11.1**		**12.4**		**ND**	
Semi-Volatiles																
Phenol	30	µg/kg	75.3	U	67.6	U	59.6	U	1380	U	61.2	U	66.8	U	62.3	U
bis(2-Chloroethyl)ether	NA *	µg/kg	94.7	U	87.5	U	74.9	U	1790	U	77	U	84	U	80.7	U
2-Chlorophenol	800	µg/kg	77.8	U	82.2	U	61.6	U	1680	U	63.3	U	69.1	U	75.8	U
1,3-Dichlorobenzene	1600	µg/kg	94.5	U	89.7	U	74.8	U	1840	U	76.9	U	83.9	U	82.7	U
1,4-Dichlorobenzene	8500	µg/kg	96.5	U	85.3	U	76.4	U	1750	U	78.5	U	85.7	U	78.6	U
1,2-Dichlorobenzene	7900	µg/kg	97.6	U	96.1	U	77.3	U	1970	U	79.4	U	86.6	U	88.6	U
2-Methylphenol	100	µg/kg	77.6	U	86.2	U	61.4	U	1770	U	63.1	U	68.8	U	79.4	U
bis(2-Chloroisopropyl)ether	NA *	µg/kg	56.5	U	90.9	U	44.7	U	1860	U	45.9	U	50.1	U	83.8	U
3+4-Methylphenol	NA *	µg/kg	63.6	U	86.3	U	50.3	U	1770	U	51.7	U	56.4	U	79.5	U
N-Nitrosodi-n-propylamine	NA *	µg/kg	78.9	U	79.5	U	62.5	U	1630	U	64.2	U	70	U	73.2	U
Hexachloroethane	NA *	µg/kg	98.3	U	76.4	U	77.8	U	1570	U	79.9	U	87.2	U	70.4	U
Nitrobenzene	200	µg/kg	108	U	95	U	85.8	U	1950	U	88.2	U	96.2	U	87.6	U
Isophorone	4400	µg/kg	73	U	77.4	U	57.8	U	1590	U	59.4	U	64.8	U	71.4	U
2-Nitrophenol	330	µg/kg	83.3	U	72.1	U	66	U	1480	U	67.8	U	73.9	U	66.5	U
2,4-Dimethylphenol	NA *	µg/kg	46.7	U	67.5	U	37	U	1380	U	38	U	41.5	U	62.2	U
bis(2-Chloroethoxy)methane	NA *	µg/kg	85.7	U	88.5	U	67.9	U	1810	U	69.7	U	76.1	U	81.6	U
2,4-Dichlorophenol	400	µg/kg	80	U	79.7	U	63.3	U	1630	U	65	U	71	U	73.5	U
1,2,4-Trichlorobenzene	NA *	µg/kg	88.7	U	97.2	U	70.2	U	1990	U	72.1	U	78.7	U	89.5	U
4-Chloroaniline	220	µg/kg	98.1	U	48.2	U	77.7	U	987	U	79.8	U	87.1	U	44.4	U
Hexachlorobutadiene	NA *	µg/kg	90	U	90.9	U	71.2	U	1860	U	73.2	U	79.9	U	83.8	U
4-Chloro-3-methylphenol	240	µg/kg	61.1	U	93.5	U	48.4	U	1920	U	49.7	U	54.3	U	86.2	U
Hexachlorocyclopentadiene	NA *	µg/kg	146	U	40.2	U	116	U	825	U	119	U	130	U	37.1	U
2,4,6-Trichlorophenol	NA *	µg/kg	98.3	U	80	U	77.8	U	1640	U	79.9	U	87.2	U	73.8	U
2,4,5-Trichlorophenol	100	µg/kg	91.1	U	71.3	U	72.1	U	1460	U	74.1	U	80.8	U	65.7	U
2-Chloronaphthalene	NA *	µg/kg	91.2	U	93	U	72.2	U	1900	U	74.2	U	80.9	U	85.7	U
2-Nitroaniline	430	µg/kg	63.7	U	69.8	U	50.4	U	1430	U	51.8	U	56.5	U	64.4	U
Dimethylphthalate	2000	µg/kg	81.6	U	92.9	U	64.6	U	1900	U	66.3	U	72.4	U	85.6	U
2,6-Dinitrotoluene	1000	µg/kg	67.3	U	68.9	U	53.3	U	1410	U	54.7	U	59.7	U	63.5	U
3-Nitroaniline	500	µg/kg	57.4	U	44.4	U	45.5	U	911	U	46.7	U	50.9	U	41	U
2,4-Dinitrophenol	200	µg/kg	80.4	U	65.9	U	63.6	U	1350	U	65.4	U	71.3	U	60.7	U

TABLE 3
SUMMARY OF SOIL SAMPLE RESULTS
FARRINGTON STREET SITE

Client Sample ID:			01-01077-003		01-01079-006		01-01077-004		01-01081-002		01-01077-007		01-01077-006		01-01174-006	
Laboratory ID:			K8394-3		K8396-6		K8394-4		K8398-2		K8394-7		K8394-6		K8399-4	
Sample Location:	TAGM 4046 (1/94)		SB-1		SB-2		SB-2		SB-2		SB-2		SB-3		SB-3	
Sample Depth:	Soil Cleanup		20' - 21'		2' - 4'		14' - 15'		21' - 23'		25' - 26'		2' - 4'		11' - 13'	
Matrix:	Objectives /		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Validated:	Eastern USA		No		No		No		No		No		No		No	
Sampling Date:	Background		02/01/2001		01/31/2001		02/01/2001		02/01/2001		02/01/2001		02/01/2001		02/02/2001	
Analyte:		Units:														
4-Nitrophenol	100	µg/kg	109	U	148	U	86.5	U	3030	U	88.8	U	96.9	U	136	U
Dibenzofuran	6200	µg/kg	86.8	U	95.6	U	68.7	U	1960	U	70.6	U	77	U	88.1	U
2,4-Dinitrotoluene	NA *	µg/kg	50.1	U	63	U	39.6	U	1290	U	40.7	U	44.4	U	58.1	U
Diethylphthalate	7100	µg/kg	64	U	61	U	50.6	U	1250	U	52	U	56.8	U	56.2	U
4-Chlorophenyl phenyl ether	NA *	µg/kg	89.1	U	110	U	70.5	U	2250	U	72.4	U	79	U	101	U
4-Nitroaniline	NA *	µg/kg	85.4	U	51.2	U	67.7	U	1050	U	69.5	U	75.8	U	47.2	U
4,6-Dinitro-2-methylphenol	NA *	µg/kg	87.8	U	86.5	U	69.6	U	1770	U	71.4	U	78	U	79.7	U
N-Nitrosodiphenylamine	NA *	µg/kg	78.5	U	91	U	62.2	U	1870	U	63.8	U	69.7	U	83.9	U
4-Bromophenyl phenyl ether	NA *	µg/kg	83.6	U	83	U	66.2	U	1700	U	68	U	74.2	U	76.5	U
Hexachlorobenzene	410	µg/kg	76.1	U	81.4	U	60.3	U	1670	U	61.9	U	67.5	U	75	U
Pentachlorophenol	1000	µg/kg	56.3	U	55.3	U	44.6	U	1130	U	45.8	U	50	U	51	U
Carbazole	NA *	µg/kg	61.7	U	64.7	U	48.8	U	1330	U	50.2	U	54.7	U	59.7	U
Di-n-butylphthalate	8100	µg/kg	260	U	245	U	206	U	5020	U	38	J	23.7	J	226	U
Butylbenzylphthalate	50000	µg/kg	69	U	54.2	U	54.7	U	1110	U	56.1	U	61.3	U	49.9	U
3,3'-Dichlorobenzidine	NA *	µg/kg	162	U	93.9	U	128	U	1920	U	132	U	144	U	86.5	U
bis(2-Ethylhexyl)phthalate	50000	µg/kg	140	J	168	J	57.1	J	465	J	134	J	73.5	J	106	J
Di-n-octylphthalate	50000	µg/kg	71.7	U	69.8	U	56.8	U	1430	U	58.3	U	63.6	U	64.4	U
Non Carcinogenic PAHs																
Acenaphthene	50000*	µg/kg	90.4	U	98	U	71.6	U	18800		73.5	U	80.2	U	90.3	U
Acenaphthylene	41000	µg/kg	78.2	U	739		115		23300		48.9	J	69.4	U	84	U
Anthracene	50000*	µg/kg	68.1	U	194		53.9	U	58000		38	J	60.4	U	75	U
Benzo(g,h,i)perylene	50000*	µg/kg	49.5	U	506		63.4		13200		40.3	U	44	U	55.4	U
Fluoranthene	50000*	µg/kg	57.1	U	693		45.2	U	80100		83.6		50.7	U	66.4	U
Fluorene	50000*	µg/kg	79.2	U	99.5	U	62.7	U	31600		54.3	J	70.3	U	91.7	U
2-Methylnaphthalene	36400	µg/kg	88	U	78.2	J	69.7	U	1640	U	244		78.1	U	73.7	U
Naphthalene	13000	µg/kg	93.2	U	91.8	J	73.8	U	1920	U	144		82.7	U	86.5	U
Phenanthrene	50000*	µg/kg	63.8	U	223		50.5	U	202000		176		56.6	U	73.6	U
Pyrene	50000*	µg/kg	57.7	U	1310		45.7	U	135000		122		51.2	U	55	U
Total Non Carcinogenic PAHs			ND		3835		178.4		562000		910.8		ND		ND	
Probable Carcinogenic PAHs																
Benzo(a)anthracene	224 or MDL	µg/kg	49.4	U	752		39.1	U	49900		51		43.8	U	52.5	U
Benzo(b)fluoranthene	1100	µg/kg	64.8	U	688		74		19700		52.7	U	57.5	U	85.8	U
Benzo(k)fluoranthene	1100	µg/kg	59.4	U	732		52.9		19100		48.3	U	52.7	U	69.6	U
Benzo(a)pyrene	61 or MDL	µg/kg	48.1	U	1020		177		37700		33.7	J	42.7	U	56.8	U
Chrysene	400	µg/kg	60.7	U	814		48.1	U	45600		43.4	J	53.9	U	52.2	U
Indeno(1,2,3-cd)pyrene	3200	µg/kg	45.9	U	426		55		11400		37.4	U	40.8	U	66.5	U
Dibenz(a,h)anthracene	14 or MDL	µg/kg	49.5	U	122		39.2	U	4180		40.3	U	44	U	62.5	U
Total Probable Carcinogenic PAHs			ND		4554		358.9		187580		128.1		ND		ND	
Total PAHs			**ND**		**8389**		**537.3**		**749580**		**1038.9**		**ND**		**ND**	
Metals																
Aluminum	SB / 33000	mg/kg	2710		6030		3450		2800		2350		9310		3100	
Antimony	SB / NA	mg/kg	4.44		7.74		6.66		0.59	U	5.42		9.85		9.73	
Arsenic	7.5 or SB / 3-12	mg/kg	0.46	U	5.42		0.36	U	0.39	U	0.37	U	2.34		1.65	
Barium	300 or SB / 15-600	mg/kg	25.1		41		31.4		0.43	U	19.8		31		19	
Beryllium	0.16 or SB / 0-1.75	mg/kg	0.17		0.46		0.28		0.12	U	0.22		0.44		0.51	
Cadmium	1 or SB / 0.1-1	mg/kg	0.88		2.21		1.46		0.046	U	1.17		1.87		1.79	
Calcium	SB / 130-35000	mg/kg	494		2220		700		799		733		615		517	
Chromium	10 or SB / 1.5-40	mg/kg	9.5		15.4		11.1		0.058	U	7.63		14.5		8.95	
Cobalt	30 or SB / 2.5-60	mg/kg	2.55		5.51		5.11		0.035	U	3.19		6.48		6.59	
Copper	25 or SB / 1-50	mg/kg	9.12		24.7		14.3		0.1	U	10.3		10		10.2	
Iron	2000 or SB / 2000-550000	mg/kg	7420		13700		11200		7540		9940		15800		13800	
Lead	SB / 200-500	mg/kg	1.03		117		1.61		0.15	U	3.84		5.72		3.94	
Magnesium	SB / 100-5000	mg/kg	1280		1670		1170		1130		838		1850		1010	
Manganese	SB / 50-5000	mg/kg	45.2		170		131		0.046	U	62.3		167		123	
Mercury	0.1 / 0.001-0.2	mg/kg	0.012	U	0.49		0.001	J	0.003	J	0.001	J	0.032		0.0091	U
Nickel	13 or SB / 0.5-25	mg/kg	10.8		11.6		9.85		0.12	U	6.34		10.9		11.1	
Potassium	SB / 8500-43000	mg/kg	991		1290		1390		6930		973		1010		672	
Selenium	2 or SB / 0.1-3.9	mg/kg	1.14		0.2	U	0.19	U	0.21	U	0.2	U	0.21	U	0.19	U
Silver	SB / NA	mg/kg	0.25	U	0.21	U	0.2	U	0.22	U	0.21	U	0.22	U	0.2	U
Sodium	SB / 6000-8000	mg/kg	284		345		256		136		214		554		189	
Thallium	SB / NA	mg/kg	0.24	U	0.2	U	0.19	U	0.21	U	0.2	U	0.21	U	0.19	U
Vanadium	150 or SB / 1-300	mg/kg	8.98		21.4		16.1		0.035	U	13.1		21.5		15.5	
Zinc	20 or SB / 9-50	mg/kg	9.58		227		18.3		1.16	U	15.4		23.9		22	
Total Rec.Petr. Hydrocarbons		mg/kg														
Cyanide		mg/kg	0.29	U	0.21	J	0.18	U	0.11	J	0.29	U	0.3	U	0.012	
% Solids		%	74.9		88.2		94.6		86.1		92.1		84.4		95.7	

TABLE 3
SUMMARY OF SOIL SAMPLE RESULTS
FARRINGTON STREET SITE

Client Sample ID:			01-01174-007		01-01174-008		01-01077-005		01-01174-009		01-01174-010		01-01174-011		01-01174-012	
Laboratory ID:			K8399-5		K8399-6		K8394-5		K8400-1		K8400-2		K8400-3		K8400-4	
Sample Location:	TAGM 4046 (1/94)		SB-3		SB-3		SB-4		SB-4		SB-4 (Dup)		SB-4		SB-4	
Sample Depth:	Soil Cleanup		14' - 15'		18' - 19'		2' - 4'		11' - 12'		11' - 12'		14' - 15'		18' - 19'	
Matrix:	Objectives /		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Validated:	Eastern USA		No		No		No		No		No		No		No	
Sampling Date:	Background		02/02/2001		02/02/2001		02/01/2001		02/02/2001		02/02/2001		02/02/2001		02/02/2001	
Analyte:		Units:														
PCBs																
PCB 1016	1000	µg/kg	2.45	U	2.49	U	2.27	U	4.09	U	4.06	U	4.72	U	4.73	U
PCB 1221	1000	µg/kg	11.5	U	11.7	U	10.7	U	17.4	U	17.3	U	20.1	U	20.2	U
PCB 1232	1000	µg/kg	2.56	U	2.6	U	2.37	U	9.23	U	9.16	U	10.7	U	10.7	U
PCB 1242	1000	µg/kg	1.92	U	1.95	U	1.78	U	3.86	U	3.83	U	4.46	U	4.47	U
PCB 1248	1000	µg/kg	4.33	U	4.39	U	4	U	8.76	U	8.69	U	10.1	U	10.1	U
PCB 1254	1000	µg/kg	6.55	U	6.65	U	6.06	U	2.03	U	2.02	U	2.35	U	2.35	U
PCB 1260	1000	µg/kg	7.52	U	7.63	U	6.96	U	5.8	U	5.76	U	6.7	U	6.71	U
Volatiles																
Chloromethane	NA *	µg/kg	54	U	0.95	U	0.87	U	0.84	U	0.83	U	0.98	U	0.98	U
Bromomethane	NA *	µg/kg	37.5	U	0.96	U	0.88	U	0.85	U	0.85	U	0.99	U	0.99	U
Vinyl Chloride	200	µg/kg	52.5	U	1.15	U	1.04	U	1.02	U	1.01	U	1.17	U	1.17	U
Chloroethane	1900	µg/kg	49.5	U	1.01	U	0.92	U	0.9	U	0.89	U	1.04	U	1.04	U
Methylene Chloride	100	µg/kg	30	U	1	J	1.08	U	1.05	U	1.04	U	1.21	U	1.21	U
Acetone	200	µg/kg	284	U	2.83	U	2.58	U	2.51	U	2.48	U	2.9	U	2.9	U
Carbon disulfide	2700	µg/kg	22.5	U	0.88	U	0.8	U	0.78	U	0.77	U	0.9	U	0.9	U
1,1-Dichloroethene	400	µg/kg	31.5	U	0.81	U	0.73	U	0.71	U	0.71	U	0.82	U	0.82	U
1,1-Dichloroethane	200	µg/kg	21	U	0.72	U	0.65	U	0.64	U	0.63	U	0.74	U	0.74	U
t-1,2-Dichloroethene	300	µg/kg	40.5	U	0.41	U	0.38	U	0.37	U	0.36	U	0.43	U	0.43	U
c-1,2-Dichloroethene	300	µg/kg	28.5	U	0.88	U	0.8	U	0.78	U	0.77	U	0.9	U	0.9	U
Chloroform	300	µg/kg	19.5	U	0.82	U	0.74	U	0.72	U	0.72	U	0.84	U	0.84	U
1,2-Dichloroethane	100	µg/kg	24	U	0.56	U	0.51	U	0.5	U	0.49	U	0.57	U	0.57	U
2-Butanone	300	µg/kg	153	U	1.13	U	1.03	U	1	U	1	U	1.16	U	1.16	U
1,1,1-Trichloroethane	800	µg/kg	16.5	U	0.87	U	0.79	U	0.77	U	0.76	U	0.89	U	0.89	U
Carbon Tetrachloride	600	µg/kg	27	U	0.92	U	0.83	U	0.81	U	0.8	U	0.94	U	0.94	U
Bromodichloromethane	NA *	µg/kg	27	U	0.83	U	0.75	U	0.73	U	0.73	U	0.85	U	0.85	U
1,2-Dichloropropane	NA *	µg/kg	24	U	0.78	U	0.71	U	0.69	U	0.68	U	0.8	U	0.8	U
cis-1,3-Dichloropropene	300	µg/kg	27	U	0.77	U	0.7	U	0.68	U	0.67	U	0.79	U	0.79	U
Trichloroethene	700	µg/kg	25.5	U	0.92	U	0.83	U	0.81	U	0.8	U	0.94	U	0.94	U
Dibromochloromethane	NA *	µg/kg	12	U	0.67	U	0.61	U	0.59	U	0.59	U	0.69	U	0.69	U
1,1,2-Trichloroethane	NA *	µg/kg	46.5	U	0.71	U	0.64	U	0.63	U	0.62	U	0.73	U	0.73	U
Benzene	60	µg/kg	21	U	0.16	U	0.14	U	0.14	U	0.14	U	0.16	U	0.16	U
trans-1,3-Dichloropropene	300	µg/kg	27	U	0.68	U	0.62	U	0.6	U	0.6	U	0.7	U	0.7	U
Bromoform	NA *	µg/kg	18	U	0.41	U	0.38	U	0.37	U	0.36	U	0.43	U	0.43	U
4-Methyl-2-pentanone	1000	µg/kg	76.5	U	2.1	U	1.91	U	1.86	U	1.84	U	2.15	U	2.15	U
2-Hexanone	NA *	µg/kg	134	U	1.71	U	1.55	U	1.51	U	1.5	U	1.75	U	1.75	U
Tetrachloroethene	1400	µg/kg	12	U	0.77	U	0.7	U	0.68	U	0.67	U	0.79	U	0.79	U
Toluene	1500	µg/kg	24	U	1.2		0.19	U	0.18	U	0.18	U	0.21	U	0.21	U
1,1,2,2-Tetrachloroethane	600	µg/kg	19.5	U	0.72	U	0.65	U	0.64	U	0.63	U	0.74	U	0.74	U
Chlorobenzene	1700	µg/kg	10.5	U	0.33	U	0.3	U	0.29	U	0.29	U	0.34	U	0.34	U
Ethylbenzene	5500	µg/kg	25.5	U	0.11	U	0.1	U	0.097	U	0.096	U	0.11	U	0.11	U
Styrene	NA *	µg/kg	12	U	0.88	U	0.8	U	0.78	U	0.77	U	0.9	U	0.9	U
m,p-xylene	1200	µg/kg	25.5	U	0.2	U	0.18	U	0.17	U	0.17	U	0.2	U	0.2	U
o-xylene	1200	µg/kg	12	U	0.15	U	0.13	U	0.13	U	0.13	U	0.15	U	0.15	U
Total BTEX			**ND**		**1.2**		**ND**		**ND**		**ND**		**ND**		**ND**	
Semi-Volatiles																
Phenol	30	µg/kg	358	U	72.7	U	62.7	U	61	U	60.6	U	70.5	U	70.6	U
bis(2-Chloroethyl)ether	NA *	µg/kg	464	U	94.1	U	78.8	U	76.7	U	76.2	U	88.6	U	88.7	U
2-Chlorophenol	800	µg/kg	436	U	88.4	U	64.8	U	63.1	U	62.6	U	72.9	U	73	U
1,3-Dichlorobenzene	1600	µg/kg	475	U	96.5	U	78.7	U	76.6	U	76	U	88.5	U	88.6	U
1,4-Dichlorobenzene	8500	µg/kg	452	U	91.7	U	80.3	U	78.3	U	77.7	U	90.4	U	90.5	U
1,2-Dichlorobenzene	7900	µg/kg	510	U	103	U	81.2	U	79.1	U	78.5	U	91.4	U	91.5	U
2-Methylphenol	100	µg/kg	457	U	92.7	U	64.6	U	62.9	U	62.4	U	72.6	U	72.7	U
bis(2-Chloroisopropyl)ether	NA *	µg/kg	482	U	97.8	U	47	U	45.8	U	45.4	U	52.9	U	52.9	U
3+4-Methylphenol	NA *	µg/kg	457	U	92.8	U	52.9	U	51.5	U	51.1	U	59.5	U	59.6	U
N-Nitrosodi-n-propylamine	NA *	µg/kg	421	U	85.5	U	65.7	U	64	U	63.5	U	73.9	U	74	U
Hexachloroethane	NA *	µg/kg	405	U	82.2	U	81.8	U	79.7	U	79.1	U	92	U	92.1	U
Nitrobenzene	200	µg/kg	504	U	102	U	90.2	U	87.9	U	87.2	U	102	U	102	U
Isophorone	4400	µg/kg	410	U	83.3	U	60.8	U	59.2	U	58.8	U	68.4	U	68.5	U
2-Nitrophenol	330	µg/kg	382	U	77.6	U	69.3	U	67.5	U	67	U	78	U	78.1	U
2,4-Dimethylphenol	NA *	µg/kg	358	U	72.6	U	38.9	U	37.9	U	37.6	U	43.8	U	43.8	U
bis(2-Chloroethoxy)methane	NA *	µg/kg	469	U	95.2	U	71.3	U	69.5	U	69	U	80.3	U	80.4	U
2,4-Dichlorophenol	400	µg/kg	422	U	85.7	U	66.6	U	64.8	U	64.3	U	74.9	U	75	U
1,2,4-Trichlorobenzene	NA *	µg/kg	515	U	105	U	73.8	U	71.9	U	71.3	U	83	U	83.1	U
4-Chloroaniline	220	µg/kg	255	U	51.8	U	81.7	U	79.5	U	78.9	U	91.9	U	92	U
Hexachlorobutadiene	NA *	µg/kg	482	U	97.8	U	74.9	U	72.9	U	72.4	U	84.3	U	84.4	U
4-Chloro-3-methylphenol	240	µg/kg	496	U	101	U	50.9	U	49.6	U	49.2	U	57.3	U	57.3	U
Hexachlorocyclopentadiene	NA *	µg/kg	213	U	43.3	U	122	U	119	U	118	U	137	U	137	U
2,4,6-Trichlorophenol	NA *	µg/kg	424	U	86.1	U	81.8	U	79.7	U	79.1	U	92	U	92.1	U
2,4,5-Trichlorophenol	100	µg/kg	378	U	76.7	U	75.8	U	73.8	U	73.3	U	85.3	U	85.4	U
2-Chloronaphthalene	NA *	µg/kg	493	U	100	U	75.9	U	73.9	U	73.4	U	85.4	U	85.5	U
2-Nitroaniline	430	µg/kg	370	U	75.1	U	53	U	51.6	U	51.2	U	59.6	U	59.7	U
Dimethylphthalate	2000	µg/kg	492	U	99.9	U	67.9	U	66.1	U	65.6	U	76.4	U	76.5	U
2,6-Dinitrotoluene	1000	µg/kg	365	U	74.1	U	56	U	54.5	U	54.1	U	63	U	63.1	U
3-Nitroaniline	500	µg/kg	236	U	47.8	U	47.8	U	46.5	U	46.2	U	53.8	U	53.8	U
2,4-Dinitrophenol	200	µg/kg	349	U	70.9	U	66.9	U	65.2	U	64.7	U	75.3	U	75.3	U

TABLE 3
SUMMARY OF SOIL SAMPLE RESULTS
FARRINGTON STREET SITE

Client Sample ID:			01-01174-007		01-01174-008		01-01077-005		01-01174-009		01-01174-010		01-01174-011		01-01174-012	
Laboratory ID:			K8399-5		K8399-6		K8394-5		K8400-1		K8400-2		K8400-3		K8400-4	
Sample Location:	TAGM 4046 (1/94)		SB-3		SB-3		SB-4		SB-4		SB-4 (Dup)		SB-4		SB-4	
Sample Depth:	Soil Cleanup		14' - 15'		18' - 19'		2' - 4'		11' - 12'		11' - 12'		14' - 15'		18' - 19'	
Matrix:	Objectives /		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Validated:	Eastern USA		No		No		No		No		No		No		No	
Sampling Date:	Background		02/02/2001		02/02/2001		02/01/2001		02/02/2001		02/02/2001		02/02/2001		02/02/2001	
Analyte:		Units:														
4-Nitrophenol	100	µg/kg	784	U	159	U	90.9	U	88.5	U	87.9	U	102	U	102	U
Dibenzofuran	6200	µg/kg	1420		103	U	72.2	U	70.3	U	69.8	U	81.3	U	81.4	U
2,4-Dinitrotoluene	NA *	µg/kg	334	U	67.8	U	41.7	U	40.6	U	40.3	U	46.9	U	46.9	U
Diethylphthalate	7100	µg/kg	323	U	65.6	U	53.2	U	51.8	U	51.4	U	59.9	U	60	U
4-Chlorophenyl phenyl ether	NA *	µg/kg	582	U	118	U	74.1	U	72.2	U	71.6	U	83.4	U	83.5	U
4-Nitroaniline	NA *	µg/kg	272	U	55.1	U	71.1	U	69.3	U	68.7	U	80	U	80.1	U
4,6-Dinitro-2-methylphenol	NA *	µg/kg	459	U	93	U	73.1	U	71.2	U	70.7	U	82.3	U	82.4	U
N-Nitrosodiphenylamine	NA *	µg/kg	483	U	97.9	U	65.3	U	63.6	U	63.2	U	73.5	U	73.6	U
4-Bromophenyl phenyl ether	NA *	µg/kg	440	U	89.3	U	69.6	U	67.8	U	67.2	U	78.3	U	78.4	U
Hexachlorobenzene	410	µg/kg	431	U	87.6	U	63.3	U	61.7	U	61.2	U	71.3	U	71.3	U
Pentachlorophenol	1000	µg/kg	293	U	59.5	U	46.9	U	45.7	U	45.3	U	52.8	U	52.8	U
Carbazole	NA *	µg/kg	343	U	69.6	U	51.3	U	50	U	49.6	U	57.8	U	57.8	U
Di-n-butylphthalate	8100	µg/kg	1300	U	263	U	30	J	26	J	209	U	244	U	244	U
Butylbenzylphthalate	50000	µg/kg	287	U	58.3	U	57.4	U	56	U	55.5	U	64.6	U	64.7	U
3,3'-Dichlorobenzidine	NA *	µg/kg	498	U	101	U	135	U	131	U	130	U	152	U	152	U
bis(2-Ethylhexyl)phthalate	50000	µg/kg	150	J	61	J	78.9	J	299	J	200	J	51.3	J	374	J
Di-n-octylphthalate	50000	µg/kg	370	U	75.1	U	59.7	U	58.1	U	57.7	U	67.1	U	67.2	U
Non Carcinogenic PAHs																
Acenaphthene	50000*	µg/kg	2180		105	U	75.2	U	73.3	U	72.7	U	84.6	U	84.7	U
Acenaphthylene	41000	µg/kg	3110		98	U	65.1	U	58.4	J	62.9	U	40	J	156	
Anthracene	50000*	µg/kg	3620		87.6	U	56.7	U	30.3	J	54.8	U	63.8	U	642	
Benzo(g,h,i)perylene	50000*	µg/kg	631		64.6	U	41.2	U	40.2	U	39.8	U	46.4	U	108	
Fluoranthene	50000*	µg/kg	6510		41.5	J	47.6	U	61.7		46	U	47.5	J	937	
Fluorene	50000*	µg/kg	12000		42.7	J	65.9	U	60.6	J	63.7	U	70	J	115	
2-Methylnaphthalene	36400	µg/kg	23900		86	U	73.2	U	331		155		195		82.5	U
Naphthalene	13000	µg/kg	498	U	101	U	77.6	U	779		478		548		87.4	U
Phenanthrene	50000*	µg/kg	24900		120		53.1	U	225		51.3	U	202		2820	
Pyrene	50000*	µg/kg	8930		59.8	J	48	U	110		46.4	U	83.8		1910	
Total Non Carcinogenic PAHs			85781		264		ND		1656		633		1186.3		6688	
Probable Carcinogenic PAHs																
Benzo(a)anthracene	224 or MDL	µg/kg	2750		34.1	J	41.1	U	48.7		39.7	U	46.3	U	517	
Benzo(b)fluoranthene	1100	µg/kg	1200		100	U	53.9	U	52.5	U	52.1	U	60.6	U	210	
Benzo(k)fluoranthene	1100	µg/kg	1180		81.2	U	49.4	U	48.2	U	47.8	U	55.6	U	178	
Benzo(a)pyrene	61 or MDL	µg/kg	1800		66.3	U	40	U	39	U	38.7	U	45	U	383	
Chrysene	400	µg/kg	2750		61	U	50.6	U	32.5	J	48.9	U	56.9	U	477	
Indeno(1,2,3-cd)pyrene	3200	µg/kg	553		77.6	U	38.2	U	37.2	U	36.9	U	43	U	87.6	
Dibenz(a,h)anthracene	14 or MDL	µg/kg	228	J	72.9	U	41.2	U	40.2	U	39.8	U	46.4	U	46.4	U
Total Probable Carcinogenic PAHs			10461		34.1		ND		81.2		ND		ND		1852.6	
Total PAHs			**96242**		**298.1**		**ND**		**1737.2**		**633**		**1186.3**		**8540.6**	
Metals																
Aluminum	SB / 33000	mg/kg	4740		3290		7960		6010		5080		14400		2920	
Antimony	SB / NA	mg/kg	11		7.63		9.35		9.78		9.61		23.1		6.74	
Arsenic	7.5 or SB / 3-12	mg/kg	1.22		0.47		0.38	U	0.37	U	0.27	J	0.63		0.48	
Barium	300 or SB / 15-600	mg/kg	42.1		31.8		52.3		51.9		54.7		123		26.3	
Beryllium	0.16 or SB / 0-1.75	mg/kg	0.39		0.31		0.46		0.39		0.34		0.81		0.25	
Cadmium	1 or SB / 0.1-1	mg/kg	1.96		1.65		1.91		2.19		2.03		4.61		1.28	
Calcium	SB / 130-35000	mg/kg	755		749		664		1470		595		855		874	
Chromium	10 or SB / 1.5-40	mg/kg	15.5		11		15.9		16.7		15.5		34.6		10	
Cobalt	30 or SB / 2.5-60	mg/kg	5.3		4.91		6.93		6.87		6.76		14.9		3.86	
Copper	25 or SB / 1-50	mg/kg	12.5		18.3		13.9		13.6		11.9		19		9.5	
Iron	2000 or SB / 2000-550000	mg/kg	14800		13300		15500		15800		15900		36400		11400	
Lead	SB / 200-500	mg/kg	2.29		2.57		2.56		4.4		1.87		4.93		2.19	
Magnesium	SB / 100-5000	mg/kg	1850		1220		2230		2770		2290		5140		1180	
Manganese	SB / 50-5000	mg/kg	277		93.1		235		187		231		289		78.9	
Mercury	0.1 / 0.001-0.2	mg/kg	0.01	U	0.011	U	0.013		0.0094	U	0.0094	U	0.011	U	0.011	U
Nickel	13 or SB / 0.5-25	mg/kg	18.4		16.2		15.1		14.9		13.9		33.4		11.8	
Potassium	SB / 8500-43000	mg/kg	1980		1170		2340		3370		3380		10200		1140	
Selenium	2 or SB / 0.1-3.9	mg/kg	0.22	U	0.22	U	0.2	U	0.19	U	0.19	U	0.22	U	0.22	U
Silver	SB / NA	mg/kg	0.23	U	0.23	U	0.21	U	0.21	U	0.2	U	0.24	U	0.24	U
Sodium	SB / 6000-8000	mg/kg	357		305		479		428		358		1060		286	
Thallium	SB / NA	mg/kg	0.22	U	0.22	U	0.2	U	0.19	U	0.19	U	0.22	U	0.22	U
Vanadium	150 or SB / 1-300	mg/kg	17.3		16.8		21.8		22.1		20		47.9		14.5	
Zinc	20 or SB / 9-50	mg/kg	19.9		13.4		23.6		28.2		24		61.8		14.1	
Total Rec.Petr. Hydrocarbons		mg/kg														
Cyanide		mg/kg	0.004	J	0.0032	J	0.23	U	0.012		0.006		0.003	J	0.0032	J
% Solids		%	83.2		82		90		92.4		93.1		80		79.9	

TABLE 3
SUMMARY OF SOIL SAMPLE RESULTS
FARRINGTON STREET SITE

Client Sample ID:			01-01331-005		01-01174-013		01-01174-014		01-01174-015		01-01727-011		01-01727-012		01-01727-013	
Laboratory ID:			K2594-5		K8400-5		K8400-6		K8400-7		K2624-11		K2624-12		K2624-13	
Sample Location:	TAGM 4046 (1/94)		SB-5		SB-5		SB-5		SB-5		SB-6		SB-6		SB-6	
Sample Depth:	Soil Cleanup		3' - 5'		13' - 15'		15' - 16'		17' - 18'		2' - 4'		14' - 15'		17' - 18'	
Matrix:	Objectives /		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Validated:	Eastern USA		No		No		No		No		No		No		No	
Sampling Date:	Background		02/07/2001		02/02/2001		02/02/2001		02/02/2001		02/16/2001		02/16/2001		02/16/2001	
Analyte:		Units:														
PCBs																
PCB 1016	1000	µg/kg	2.5	U	3.94	U	4.51	U	4.63	U	2.32	U	2.34	U	2.29	U
PCB 1221	1000	µg/kg	11.8	U	16.8	U	19.2	U	19.7	U	10.9	U	11	U	10.8	U
PCB 1232	1000	µg/kg	2.61	U	8.89	U	10.2	U	10.4	U	2.42	U	2.44	U	2.39	U
PCB 1242	1000	µg/kg	1.96	U	3.72	U	4.26	U	4.37	U	1.82	U	1.83	U	1.8	U
PCB 1248	1000	µg/kg	4.41	U	8.44	U	9.65	U	9.9	U	4.09	U	4.13	U	4.04	U
PCB 1254	1000	µg/kg	6.68	U	1.96	U	2.24	U	2.3	U	6.19	U	6.25	U	6.12	U
PCB 1260	1000	µg/kg	7.67	U	5.59	U	6.4	U	6.56	U	7.11	U	7.18	U	7.03	U
Volatiles																
Chloromethane	NA *	µg/kg	0.49	U	0.81	U	0.93	U	0.95	U	0.39	U	4.47	U	4.38	U
Bromomethane	NA *	µg/kg	0.37	U	0.82	U	0.94	U	0.96	U	0.44	U	4.53	U	4.43	U
Vinyl Chloride	200	µg/kg	0.64	U	0.98	U	1.12	U	1.15	U	0.39	U	5.39	U	5.27	U
Chloroethane	1900	µg/kg	0.65	U	0.86	U	0.99	U	1.01	U	0.22	U	4.76	U	4.66	U
Methylene Chloride	100	µg/kg	1.7		1.4		1.9		1.18	U	0.62	U	16.3	B	5.44	U
Acetone	200	µg/kg	2.04	U	2.41	U	2.76	U	2.83	U	4.95	U	94.8	B	175	
Carbon disulfide	2700	µg/kg	0.46	U	0.75	U	0.86	U	0.88	U	0.31	U	4.13	U	4.04	U
1,1-Dichloroethene	400	µg/kg	0.33	U	0.69	U	0.79	U	0.81	U	0.24	U	3.78	U	3.7	U
1,1-Dichloroethane	200	µg/kg	0.62	U	0.61	U	0.7	U	0.72	U	0.18	U	3.38	U	3.31	U
t-1,2-Dichloroethene	300	µg/kg	0.49	U	0.35	U	0.4	U	0.41	U	0.47	U	1.95	U	1.91	U
c-1,2-Dichloroethene	300	µg/kg	0.33	U	0.75	U	0.86	U	0.88	U	0.57	U	4.13	U	4.04	U
Chloroform	300	µg/kg	0.42	U	0.7	U	0.8	U	0.82	U	1.8		3.84	U	3.76	U
1,2-Dichloroethane	100	µg/kg	0.21	U	0.48	U	0.55	U	0.56	U	0.34	U	2.64	U	2.58	U
2-Butanone	300	µg/kg	0.84	U	0.97	U	1.11	U	1.13	U	2.86	U	5.33	U	5.22	U
1,1,1-Trichloroethane	800	µg/kg	0.42	U	0.74	U	0.84	U	0.87	U	0.32	U	4.07	U	3.98	U
Carbon Tetrachloride	600	µg/kg	0.33	U	0.78	U	0.89	U	0.92	U	0.31	U	4.3	U	4.21	U
Bromodichloromethane	NA *	µg/kg	0.17	U	0.71	U	0.81	U	0.83	U	0.22	U	3.9	U	3.81	U
1,2-Dichloropropane	NA *	µg/kg	0.21	U	0.67	U	0.76	U	0.78	U	0.21	U	3.67	U	3.59	U
cis-1,3-Dichloropropene	300	µg/kg	0.23	U	0.66	U	0.75	U	0.77	U	0.28	U	3.61	U	3.53	U
Trichloroethene	700	µg/kg	0.34	U	0.78	U	0.89	U	0.92	U	0.34	U	4.3	U	4.21	U
Dibromochloromethane	NA *	µg/kg	0.26	U	0.57	U	0.65	U	0.67	U	0.33	U	3.15	U	3.09	U
1,1,2-Trichloroethane	NA *	µg/kg	0.27	U	0.6	U	0.69	U	0.71	U	0.54	U	3.32	U	3.25	U
Benzene	60	µg/kg	0.42	U	0.14	U	0.15	U	0.16	U	0.32	U	0.74	U	0.73	U
trans-1,3-Dichloropropene	300	µg/kg	0.26	U	0.58	U	0.67	U	0.68	U	0.47	U	3.21	U	3.14	U
Bromoform	NA *	µg/kg	0.37	U	0.35	U	0.4	U	0.41	U	0.55	U	1.95	U	1.91	U
4-Methyl-2-pentanone	1000	µg/kg	0.46	U	1.79	U	2.05	U	2.1	U	1.69	U	9.86	U	9.65	U
2-Hexanone	NA *	µg/kg	1.13	U	1.46	U	1.67	U	1.71	U	1.77	U	8.02	U	7.85	U
Tetrachloroethene	1400	µg/kg	0.27	U	0.66	U	0.75	U	0.77	U	0.32	U	3.61	U	6.2	
Toluene	1500	µg/kg	0.23	U	0.88		0.2	U	0.21	U	0.38	U	5.7		5.3	
1,1,2,2-Tetrachloroethane	600	µg/kg	0.34	U	0.61	U	0.7	U	0.72	U	0.57	U	3.38	U	3.31	U
Chlorobenzene	1700	µg/kg	0.27	U	0.28	U	0.32	U	0.33	U	0.33	U	1.55	U	1.51	U
Ethylbenzene	5500	µg/kg	0.36	U	0.094	U	0.11	U	0.11	U	0.39	U	66.6		178	
Styrene	NA *	µg/kg	0.25	U	0.75	U	0.86	U	0.88	U	0.33	U	53.5		6.7	
m,p-xylene	1200	µg/kg	0.44	U	0.17	U	0.19	U	0.2	U	1		121		108	
o-xylene	1200	µg/kg	0.22	U	0.12	U	0.14	U	0.15	U	0.32	U	201		195	
Total BTEX			**ND**		**0.88**		**ND**		**ND**		**1**		**394.3**		**486.3**	
Semi-Volatiles																
Phenol	30	µg/kg	119	U	58.8	U	67.3	U	73	U	36.9	U	37.3	U	36.5	U
bis(2-Chloroethyl)ether	NA *	µg/kg	115	U	73.9	U	84.6	U	94.5	U	35.6	U	35.9	U	35.1	U
2-Chlorophenol	800	µg/kg	117	U	60.8	U	69.6	U	88.7	U	36.3	U	36.6	U	35.8	U
1,3-Dichlorobenzene	1600	µg/kg	125	U	73.8	U	84.5	U	96.8	U	38.8	U	39.1	U	38.3	U
1,4-Dichlorobenzene	8500	µg/kg	122	U	75.4	U	86.3	U	92	U	37.7	U	38.1	U	37.3	U
1,2-Dichlorobenzene	7900	µg/kg	123	U	76.2	U	87.2	U	104	U	38.1	U	38.5	U	37.6	U
2-Methylphenol	100	µg/kg	102	U	60.6	U	69.3	U	93	U	31.5	U	31.8	U	31.1	U
bis(2-Chloroisopropyl)ether	NA *	µg/kg	133	U	44.1	U	50.5	U	98.2	U	41.1	U	41.4	U	40.6	U
3+4-Methylphenol	NA *	µg/kg	98.5	U	49.6	U	56.8	U	93.1	U	30.5	U	30.7	U	30.1	U
N-Nitrosodi-n-propylamine	NA *	µg/kg	120	U	61.6	U	70.5	U	85.8	U	37	U	37.4	U	36.5	U
Hexachloroethane	NA *	µg/kg	126	U	76.8	U	87.8	U	82.5	U	39	U	39.4	U	38.5	U
Nitrobenzene	200	µg/kg	138	U	84.7	U	96.9	U	103	U	42.7	U	43.1	U	42.2	U
Isophorone	4400	µg/kg	126	U	57	U	65.3	U	83.6	U	39.1	U	39.4	U	38.6	U
2-Nitrophenol	330	µg/kg	96.1	U	65.1	U	74.5	U	77.8	U	29.7	U	30	U	29.3	U
2,4-Dimethylphenol	NA *	µg/kg	58.1	U	36.5	U	41.8	U	72.8	U	18	U	18.1	U	17.7	U
bis(2-Chloroethoxy)methane	NA *	µg/kg	116	U	66.9	U	76.6	U	95.6	U	35.9	U	36.2	U	35.4	U
2,4-Dichlorophenol	400	µg/kg	101	U	62.5	U	71.5	U	86	U	31.1	U	31.4	U	30.7	U
1,2,4-Trichlorobenzene	NA *	µg/kg	122	U	69.2	U	79.2	U	105	U	37.7	U	38	U	37.2	U
4-Chloroaniline	220	µg/kg	127	U	76.6	U	87.7	U	52	U	39.2	U	39.5	U	38.7	U
Hexachlorobutadiene	NA *	µg/kg	122	U	70.3	U	80.4	U	98.2	U	37.7	U	38.1	U	37.3	U
4-Chloro-3-methylphenol	240	µg/kg	98.3	U	47.8	U	54.7	U	101	U	30.4	U	30.7	U	30	U
Hexachlorocyclopentadiene	NA *	µg/kg	102	U	114	U	131	U	43.5	U	31.6	U	31.8	U	31.2	U
2,4,6-Trichlorophenol	NA *	µg/kg	97.1	U	76.8	U	87.8	U	86.4	U	30	U	30.3	U	29.6	U
2,4,5-Trichlorophenol	100	µg/kg	93.5	U	71.1	U	81.4	U	77	U	28.9	U	29.2	U	28.5	U
2-Chloronaphthalene	NA *	µg/kg	112	U	71.2	U	81.5	U	100	U	34.6	U	34.9	U	34.2	U
2-Nitroaniline	430	µg/kg	88	U	49.7	U	56.9	U	75.4	U	27.2	U	27.4	U	26.9	U
Dimethylphthalate	2000	µg/kg	107	U	63.7	U	72.9	U	100	U	33.1	U	33.4	U	32.7	U
2,6-Dinitrotoluene	1000	µg/kg	98.9	U	52.6	U	60.1	U	74.4	U	30.6	U	30.9	U	30.2	U
3-Nitroaniline	500	µg/kg	94.5	U	44.8	U	51.3	U	48	U	29.2	U	29.5	U	28.8	U
2,4-Dinitrophenol	200	µg/kg	112	U	62.8	U	71.8	U	71.1	U	34.7	U	35.1	U	34.3	U

TABLE 3
SUMMARY OF SOIL SAMPLE RESULTS
FARRINGTON STREET SITE

Client Sample ID:			01-01331-005		01-01174-013		01-01174-014		01-01174-015		01-01727-011		01-01727-012		01-01727-013	
Laboratory ID:			**K2594-5**		**K8400-5**		**K8400-6**		**K8400-7**		**K2624-11**		**K2624-12**		**K2624-13**	
Sample Location:	**TAGM 4046 (1/94)**		**SB-5**		**SB-5**		**SB-5**		**SB-5**		**SB-6**		**SB-6**		**SB-6**	
Sample Depth:	**Soil Cleanup**		**3' - 5'**		**13' - 15'**		**15' - 16'**		**17' - 18'**		**2' - 4'**		**14' - 15'**		**17' - 18'**	
Matrix:	**Objectives /**		**Soil**		**Soil**		**Soil**		**Soil**		**Soil**		**Soil**		**Soil**	
Validated:	**Eastern USA**		**No**		**No**		**No**		**No**		**No**		**No**		**No**	
Sampling Date:	**Background**		**02/07/2001**		**02/02/2001**		**02/02/2001**		**02/02/2001**		**02/16/2001**		**02/16/2001**		**02/16/2001**	
Analyte:		**Units:**														
4-Nitrophenol	100	µg/kg	73	U	85.3	U	97.6	U	160	U	22.6	U	22.8	U	22.3	U
Dibenzofuran	6200	µg/kg	107	U	67.8	U	77.6	U	103	U	33	U	1850		924	
2,4-Dinitrotoluene	NA *	µg/kg	93.9	U	39.1	U	44.7	U	68.1	U	29	U	29.3	U	28.7	U
Diethylphthalate	7100	µg/kg	68.8	U	50	U	57.2	U	65.9	U	21.3	U	21.4	U	7.5	J
4-Chlorophenyl phenyl ether	NA *	µg/kg	109	U	69.6	U	79.6	U	119	U	33.7	U	34	U	33.3	U
4-Nitroaniline	NA *	µg/kg	82.6	U	66.7	U	76.4	U	55.3	U	25.5	U	25.8	U	25.2	U
4,6-Dinitro-2-methylphenol	NA *	µg/kg	104	U	68.6	U	78.5	U	93.4	U	32.2	U	32.5	U	31.8	U
N-Nitrosodiphenylamine	NA *	µg/kg	98.2	U	61.3	U	70.2	U	98.3	U	30.3	U	30.6	U	30	U
4-Bromophenyl phenyl ether	NA *	µg/kg	99.4	U	65.3	U	74.7	U	89.6	U	30.7	U	31	U	30.3	U
Hexachlorobenzene	410	µg/kg	109	U	59.4	U	68	U	87.9	U	33.7	U	34	U	33.3	U
Pentachlorophenol	1000	µg/kg	73.9	U	44	U	50.4	U	59.7	U	22.8	U	23.1	U	22.6	U
Carbazole	NA *	µg/kg	246	U	48.2	U	55.1	U	69.9	U	76	U	2260		565	
Di-n-butylphthalate	8100	µg/kg	240	U	203	U	233	U	264	U	74.2	U	74.9	U	73.2	U
Butylbenzylphthalate	50000	µg/kg	73.3	U	53.9	U	61.7	U	58.5	U	22.7	U	22.9	U	22.4	U
3,3'-Dichlorobenzidine	NA *	µg/kg	238	U	127	U	145	U	101	U	73.4	U	74.1	U	72.5	U
bis(2-Ethylhexyl)phthalate	50000	µg/kg	87	J	168	J	204	J	196	J	198		34.8	J	119	J
Di-n-octylphthalate	50000	µg/kg	65.9	U	56	U	64.1	U	75.4	U	20.4	U	471	U	461	U
Non Carcinogenic PAHs																
Acenaphthene	50000*	µg/kg	106	U	70.6	U	80.8	U	106	U	28.8	J	2680		9880	
Acenaphthylene	41000	µg/kg	112	U	105		69.9	U	98.4	U	16.3	J	9990		1520	
Anthracene	50000*	µg/kg	81.9	U	419		60.9	U	87.9	U	28.4		6460		2920	
Benzo(g,h,i)perylene	50000*	µg/kg	48	U	61.5		44.3	U	64.9	U	11.7	J	1200		688	
Fluoranthene	50000*	µg/kg	80.3	U	616		51.1	U	77.7	U	75.8		10400		6200	
Fluorene	50000*	µg/kg	104	U	45.9	J	70.8	U	107	U	34.1		15700		8960	
2-Methylnaphthalene	36400	µg/kg	61.3	J	68.7	U	78.6	U	86.3	U	51.9		555		42800	
Naphthalene	13000	µg/kg	116	U	72.8	U	83.3	U	101	U	43.9		76700	E	54500	
Phenanthrene	50000*	µg/kg	89.7	U	1780		57	U	86.2	U	139		28	U	22300	
Pyrene	50000*	µg/kg	81.1	U	1190		51.6	U	64.4	U	99.6		17700		9390	
Total Non Carcinogenic PAHs			61.3		4217.4		ND		ND		529.5		141385		159158	
Probable Carcinogenic PAHs																
Benzo(a)anthracene	224 or MDL	µg/kg	74	U	330		44.2	U	61.4	U	43.9		5120		2300	
Benzo(b)fluoranthene	1100	µg/kg	51.5	U	108		57.9	U	100	U	28.8		2380		1410	
Benzo(k)fluoranthene	1100	µg/kg	77.1	U	129		53.1	U	81.5	U	36.7		2370		883	
Benzo(a)pyrene	61 or MDL	µg/kg	57.4	U	236		43	U	66.6	U	39.8		3300		2060	
Chrysene	400	µg/kg	78.9	U	319		54.3	U	61.2	U	52.7		5230		2410	
Indeno(1,2,3-cd)pyrene	3200	µg/kg	50.1	U	44.8		41	U	77.8	U	12.9	J	1110		591	
Dibenz(a,h)anthracene	14 or MDL	µg/kg	50.4	U	38.7	U	44.3	U	73.2	U	15.6	U	398	J	447	U
Total Probable Carcinogenic PAHs			ND		1166.8		ND		ND		214.8		19908		9654	
Total PAHs			**61.3**		**5384.2**		**ND**		**ND**		**744.3**		**161293**		**168812**	
Metals																
Aluminum	SB / 33000	mg/kg	11300		2370		4230		2510		7070		2960		1140	
Antimony	SB / NA	mg/kg	10.7		8.73		8.98		7.99		9.4		9.21		1.03	
Arsenic	7.5 or SB / 3-12	mg/kg	4.44		0.54		0.83		0.88		0.76		0.39	U	0.38	U
Barium	300 or SB / 15-600	mg/kg	60.8		23.3		43.9		23.3		45		32.6		7.85	
Beryllium	0.16 or SB / 0-1.75	mg/kg	0.43		0.24		0.35		0.29		0.53		0.37		0.18	
Cadmium	1 or SB / 0.1-1	mg/kg	2.22		1.2		1.55		1.2		1.76		1.55		0.33	
Calcium	SB / 130-35000	mg/kg	1120		506		470		457		730		648		279	
Chromium	10 or SB / 1.5-40	mg/kg	17.6		6.72		11.5		7.99		14.4		10.7		5.29	
Cobalt	30 or SB / 2.5-60	mg/kg	6.14		4.21		5.49		3.53		6.55		5.33		2.18	
Copper	25 or SB / 1-50	mg/kg	10.4		12.3		12.5		8.63		10.7		11.1		4.59	
Iron	2000 or SB / 2000-550000	mg/kg	18000		10700		13400		10800		14600		13700		2650	
Lead	SB / 200-500	mg/kg	9.26		1.3		1.86		2.59		20.4		2.49		0.7	
Magnesium	SB / 100-5000	mg/kg	2010		874		1700		685		1900		1310		675	
Manganese	SB / 50-5000	mg/kg	406		157		136		68.2		290		84.4		24.1	
Mercury	0.1 / 0.001-0.2	mg/kg	0.037		0.0091	U	0.01	U	0.011	U	0.05		0.01	U	0.0098	U
Nickel	13 or SB / 0.5-25	mg/kg	12.3		9.32		11.3		9.37		12		13.3		12.4	
Potassium	SB / 8500-43000	mg/kg	969		782		2370		700		1640		1630		241	
Selenium	2 or SB / 0.1-3.9	mg/kg	0.22	U	0.19	U	0.21	U	1.19		0.21	U	0.38		0.2	U
Silver	SB / NA	mg/kg	0.23	U	0.2	U	0.23	U	0.23	U	0.22	U	0.22	U	0.21	U
Sodium	SB / 6000-8000	mg/kg	151		164		323		243		114	U	115	U	84.2	J
Thallium	SB / NA	mg/kg	0.22	U	0.19	U	0.21	U	0.22	U	0.21	U	0.21	U	0.2	U
Vanadium	150 or SB / 1-300	mg/kg	23.1		11.1		17.8		13.2		19.7		14.6		2.96	
Zinc	20 or SB / 9-50	mg/kg	35.1		11.6		20.9		12.6		43.3		21.6		11.7	
Total Rec.Petr. Hydrocarbons		mg/kg	30.4								NR		NR		NR	
Cyanide		mg/kg	0.0032	J	0.022		0.02		0.023		0.17	U	0.25	U	0.26	U
% Solids		%	81.6		95.9		83.8		81.7		88		87.2		89.1	

TABLE 3
SUMMARY OF SOIL SAMPLE RESULTS
FARRINGTON STREET SITE

Client Sample ID:			01-01727-014		01-01727-015		01-01727-016		01-01727-017		01-01727-018		01-00982-005		01-00982-008	
Laboratory ID:			K2624-14		K2625-1		K2625-2		K2625-3		K2625-4		K8388-5		K8388-8	
Sample Location:	TAGM 4046 (1/94)		SB-6		SB-7		SB-7		SB-7		SB-7		MW-1		MW-1 (Dup)	
Sample Depth:	Soil Cleanup		22' - 23'		2' - 4'		12' - 14'		14' - 16'		22' - 24'		2' - 4'		2' - 4'	
Matrix:	Objectives /		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Validated:	Eastern USA		No		No		No		No		No		No		No	
Sampling Date:	Background		02/16/2001		02/16/2001		02/16/2001		02/16/2001		02/16/2001		01/30/2001		01/30/2001	
Analyte:		Units:														
PCBs																
PCB 1016	1000	µg/kg	2.56	U	2.44	U	2.57	U	2.43	U	2.6	U	2.47	U	2.56	U
PCB 1221	1000	µg/kg	12.1	U	11.5	U	12.1	U	11.5	U	12.2	U	11.6	U	12.1	U
PCB 1232	1000	µg/kg	2.68	U	2.55	U	2.69	U	2.54	U	2.72	U	2.58	U	2.68	U
PCB 1242	1000	µg/kg	2.01	U	1.92	U	2.02	U	1.91	U	2.04	U	1.94	U	2.01	U
PCB 1248	1000	µg/kg	4.52	U	4.31	U	4.54	U	4.3	U	4.59	U	4.36	U	4.52	U
PCB 1254	1000	µg/kg	6.85	U	6.53	U	6.87	U	6.5	U	6.95	U	6.6	U	6.85	U
PCB 1260	1000	µg/kg	7.86	U	7.5	U	7.89	U	7.47	U	7.98	U	10.4		11	
Volatiles																
Chloromethane	NA *	µg/kg	0.43	U	0.41	U	0.43	U	53.6	U	2.17	U	0.94	U	0.98	U
Bromomethane	NA *	µg/kg	0.49	U	0.47	U	0.49	U	37.3	U	2.49	U	0.96	U	1	U
Vinyl Chloride	200	µg/kg	0.43	U	0.41	U	0.43	U	52.2	U	2.17	U	1.14	U	1.18	U
Chloroethane	1900	µg/kg	0.24	U	0.23	U	0.24	U	49.2	U	1.21	U	1	U	1.05	U
Methylene Chloride	100	µg/kg	6.9		0.65	U	0.68	U	29.8	U	3.45	U	1.17	U	3.4	
Acetone	200	µg/kg	361		5.21	U	5.47	U	282	U	244		2.81	U	2.92	U
Carbon disulfide	2700	µg/kg	0.34	U	0.32	U	0.34	U	22.4	U	1.72	U	0.87	U	0.91	U
1,1-Dichloroethene	400	µg/kg	0.26	U	0.25	U	0.26	U	31.3	U	1.34	U	0.8	U	0.83	U
1,1-Dichloroethane	200	µg/kg	0.2	U	0.19	U	0.2	U	20.9	U	1.02	U	0.71	U	0.74	U
t-1,2-Dichloroethene	300	µg/kg	0.52	U	0.49	U	0.52	U	40.2	U	2.62	U	0.41	U	0.43	U
c-1,2-Dichloroethene	300	µg/kg	0.63	U	0.6	U	0.63	U	28.3	U	3.19	U	0.87	U	0.91	U
Chloroform	300	µg/kg	2.5		0.2	U	0.21	U	19.4	U	1.08	U	0.81	U	0.84	U
1,2-Dichloroethane	100	µg/kg	0.38	U	0.36	U	0.38	U	23.8	U	1.91	U	0.56	U	0.58	U
2-Butanone	300	µg/kg	3.16	U	3.01	U	3.16	U	152	U	16	U	1.13	U	1.17	U
1,1,1-Trichloroethane	800	µg/kg	0.35	U	0.34	U	0.35	U	16.4	U	1.79	U	0.86	U	0.89	U
Carbon Tetrachloride	600	µg/kg	0.34	U	0.32	U	0.34	U	26.8	U	1.72	U	0.91	U	0.94	U
Bromodichloromethane	NA *	µg/kg	0.24	U	0.23	U	0.24	U	26.8	U	1.21	U	0.82	U	0.86	U
1,2-Dichloropropane	NA *	µg/kg	0.23	U	0.22	U	0.23	U	23.8	U	1.15	U	0.77	U	0.81	U
cis-1,3-Dichloropropene	300	µg/kg	0.31	U	0.3	U	0.31	U	26.8	U	1.6	U	0.76	U	0.79	U
Trichloroethene	700	µg/kg	0.38	U	0.36	U	0.38	U	25.3	U	1.91	U	0.91	U	0.94	U
Dibromochloromethane	NA *	µg/kg	0.37	U	0.35	U	0.37	U	11.9	U	1.85	U	0.67	U	0.69	U
1,1,2-Trichloroethane	NA *	µg/kg	0.59	U	0.56	U	0.59	U	46.2	U	3	U	0.7	U	0.73	U
Benzene	60	µg/kg	0.35	U	0.34	U	0.35	U	20.9	U	1.79	U	0.16	U	0.16	U
trans-1,3-Dichloropropene	300	µg/kg	0.52	U	0.49	U	0.52	U	26.8	U	2.62	U	0.68	U	0.71	U
Bromoform	NA *	µg/kg	0.6	U	0.58	U	0.6	U	17.9	U	3.06	U	0.41	U	0.43	U
4-Methyl-2-pentanone	1000	µg/kg	1.86	U	1.78	U	1.86	U	76	U	9.44	U	2.08	U	2.17	U
2-Hexanone	NA *	µg/kg	1.95	U	1.86	U	1.95	U	133	U	9.89	U	1.69	U	1.76	U
Tetrachloroethene	1400	µg/kg	0.35	U	0.34	U	0.35	U	11.9	U	1.79	U	0.76	U	0.79	U
Toluene	1500	µg/kg	0.42	U	0.4	U	0.42	U	23.8	U	2.11	U	4.2		1.5	
1,1,2,2-Tetrachloroethane	600	µg/kg	0.63	U	0.6	U	0.63	U	19.4	U	3.19	U	0.71	U	0.74	U
Chlorobenzene	1700	µg/kg	0.37	U	0.35	U	0.37	U	10.4	U	1.85	U	0.33	U	0.34	U
Ethylbenzene	5500	µg/kg	0.43	U	0.41	U	0.43	U	25.3	U	2.17	U	0.11	U	0.11	U
Styrene	NA *	µg/kg	0.37	U	0.35	U	0.37	U	11.9	U	1.85	U	0.87	U	0.91	U
m,p-xylene	1200	µg/kg	0.79	U	0.76	U	2.2		25.3	U	4.02	U	2		0.2	U
o-xylene	1200	µg/kg	0.35	U	0.34	U	0.35	U	11.9	U	1.79	U	0.15	U	0.15	U
Total BTEX			**ND**		**ND**		**2.2**		**ND**		**ND**		**6.2**		**1.5**	
Semi-Volatiles																
Phenol	30	µg/kg	25	U	22.5	U	23.7	U	38.8	U	24	U	72.2	U	74.9	U
bis(2-Chloroethyl)ether	NA *	µg/kg	32.3	U	28.3	U	29.8	U	37.4	U	30.1	U	93.5	U	97	U
2-Chlorophenol	800	µg/kg	30.4	U	23.3	U	24.5	U	38.1	U	24.8	U	87.8	U	91.1	U
1,3-Dichlorobenzene	1600	µg/kg	33.1	U	28.3	U	29.8	U	40.7	U	30.1	U	95.8	U	99.4	U
1,4-Dichlorobenzene	8500	µg/kg	31.5	U	28.9	U	30.4	U	39.6	U	30.7	U	91	U	94.5	U
1,2-Dichlorobenzene	7900	µg/kg	35.5	U	29.2	U	30.7	U	40	U	31.1	U	103	U	107	U
2-Methylphenol	100	µg/kg	31.8	U	23.2	U	24.4	U	33.1	U	24.7	U	92	U	95.5	U
bis(2-Chloroisopropyl)ether	NA *	µg/kg	33.6	U	16.9	U	17.8	U	43.1	U	18	U	97.1	U	101	U
3+4-Methylphenol	NA *	µg/kg	31.9	U	19	U	20	U	32	U	20.2	U	92.1	U	95.6	U
N-Nitrosodi-n-propylamine	NA *	µg/kg	29.4	U	23.6	U	24.8	U	38.9	U	25.1	U	84.9	U	88.1	U
Hexachloroethane	NA *	µg/kg	28.2	U	29.4	U	30.9	U	41	U	31.3	U	81.6	U	84.7	U
Nitrobenzene	200	µg/kg	35.1	U	32.4	U	34.1	U	44.9	U	34.5	U	101	U	105	U
Isophorone	4400	µg/kg	28.6	U	21.8	U	23	U	41	U	23.3	U	82.7	U	85.8	U
2-Nitrophenol	330	µg/kg	26.6	U	24.9	U	26.2	U	31.2	U	26.5	U	77	U	79.9	U
2,4-Dimethylphenol	NA *	µg/kg	24.9	U	14	U	14.7	U	18.9	U	14.9	U	72	U	74.7	U
bis(2-Chloroethoxy)methane	NA *	µg/kg	32.7	U	25.6	U	27	U	37.7	U	27.3	U	94.6	U	98.1	U
2,4-Dichlorophenol	400	µg/kg	29.4	U	23.9	U	25.2	U	32.7	U	25.5	U	85.1	U	88.3	U
1,2,4-Trichlorobenzene	NA *	µg/kg	35.9	U	26.5	U	27.9	U	39.5	U	28.2	U	104	U	108	U
4-Chloroaniline	220	µg/kg	17.8	U	29.3	U	30.9	U	41.1	U	31.3	U	51.5	U	53.4	U
Hexachlorobutadiene	NA *	µg/kg	33.6	U	26.9	U	28.3	U	39.6	U	28.7	U	97.1	U	101	U
4-Chloro-3-methylphenol	240	µg/kg	34.6	U	18.3	U	19.2	U	31.9	U	19.5	U	99.9	U	104	U
Hexachlorocyclopentadiene	NA *	µg/kg	14.9	U	43.8	U	46.1	U	33.1	U	46.6	U	43	U	44.6	U
2,4,6-Trichlorophenol	NA *	µg/kg	29.6	U	29.4	U	30.9	U	31.5	U	31.3	U	85.5	U	88.7	U
2,4,5-Trichlorophenol	100	µg/kg	26.3	U	27.2	U	28.7	U	30.4	U	29	U	76.2	U	79	U
2-Chloronaphthalene	NA *	µg/kg	34.3	U	27.3	U	28.7	U	36.3	U	29	U	99.3	U	103	U
2-Nitroaniline	430	µg/kg	25.8	U	19	U	20	U	28.6	U	20.3	U	74.6	U	77.4	U
Dimethylphthalate	2000	µg/kg	34.3	U	24.4	U	25.7	U	34.8	U	26	U	99.2	U	103	U
2,6-Dinitrotoluene	1000	µg/kg	25.5	U	20.1	U	21.2	U	32.1	U	21.4	U	73.6	U	76.4	U
3-Nitroaniline	500	µg/kg	16.4	U	17.2	U	18.1	U	30.7	U	18.3	U	47.5	U	49.2	U
2,4-Dinitrophenol	200	µg/kg	24.3	U	24	U	25.3	U	36.5	U	25.6	U	70.3	U	73	U

TABLE 3
SUMMARY OF SOIL SAMPLE RESULTS
FARRINGTON STREET SITE

Client Sample ID:			01-01727-014		01-01727-015		01-01727-016		01-01727-017		01-01727-018		01-00982-005		01-00982-008	
Laboratory ID:			K2624-14		K2625-1		K2625-2		K2625-3		K2625-4		K8388-5		K8388-8	
Sample Location:	TAGM 4046 (1/94)		SB-6		SB-7		SB-7		SB-7		SB-7		MW-1		MW-1 (Dup)	
Sample Depth:	Soil Cleanup		22' - 23'		2' - 4'		12' - 14'		14' - 16'		22' - 24'		2' - 4'		2' - 4'	
Matrix:	Objectives /		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Validated:	Eastern USA		No		No		No		No		No		No		No	
Sampling Date:	Background		02/16/2001		02/16/2001		02/16/2001		02/16/2001		02/16/2001		01/30/2001		01/30/2001	
Analyte:		Units:														
4-Nitrophenol	100	µg/kg	54.7	U	32.7	U	34.4	U	23.7	U	34.8	U	158	U	164	U
Dibenzofuran	6200	µg/kg	35.3	U	25.9	U	27.3	U	586		27.6	U	102	U	106	U
2,4-Dinitrotoluene	NA *	µg/kg	23.3	U	15	U	15.8	U	30.5	U	15.9	U	67.3	U	69.9	U
Diethylphthalate	7100	µg/kg	22.5	U	19.1	U	29.8		68.4		26.4		65.1	U	67.6	U
4-Chlorophenyl phenyl ether	NA *	µg/kg	40.6	U	26.6	U	28	U	35.4	U	28.4	U	117	U	122	U
4-Nitroaniline	NA *	µg/kg	18.9	U	25.5	U	26.9	U	26.8	U	27.2	U	54.7	U	56.8	U
4,6-Dinitro-2-methylphenol	NA *	µg/kg	32	U	26.3	U	27.7	U	33.8	U	28	U	92.4	U	95.9	U
N-Nitrosodiphenylamine	NA *	µg/kg	33.6	U	23.5	U	24.7	U	31.9	U	25	U	97.2	U	101	U
4-Bromophenyl phenyl ether	NA *	µg/kg	30.7	U	25	U	26.3	U	32.3	U	26.6	U	88.6	U	92	U
Hexachlorobenzene	410	µg/kg	30.1	U	22.8	U	24	U	35.4	U	24.2	U	86.9	U	90.2	U
Pentachlorophenol	1000	µg/kg	20.4	U	16.8	U	17.7	U	24	U	17.9	U	59.1	U	61.3	U
Carbazole	NA *	µg/kg	23.9	U	18.4	U	19.4	U	19.1	J	19.6	U	69.1	U	71.7	U
Di-n-butylphthalate	8100	µg/kg	90.5	U	176		162		302		68	J	104	J	85.4	J
Butylbenzylphthalate	50000	µg/kg	20	U	20.6	U	21.7	U	23.8	U	22	U	57.9	U	60.1	U
3,3'-Dichlorobenzidine	NA *	µg/kg	34.7	U	48.5	U	51	U	77.1	U	51.6	U	100	U	104	U
bis(2-Ethylhexyl)phthalate	50000	µg/kg	36.9	J	386		149	J	237		38.3	J	247	J	219	J
Di-n-octylphthalate	50000	µg/kg	25.8	U	21.4	U	22.6	U	107	U	22.8	U	74.6	U	77.4	U
Non Carcinogenic PAHs																
Acenaphthene	50000*	µg/kg	36.2	U	27	U	28.5	U	740		28.8	U	105	U	109	U
Acenaphthylene	41000	µg/kg	33.7	U	23.4	U	24.6	U	2080		24.9	U	73.8	J	95.5	J
Anthracene	50000*	µg/kg	15.1	J	20.4	U	21.4	U	3390		21.7	U	86.9	U	32.7	J
Benzo(g,h,i)perylene	50000*	µg/kg	22.2	U	14.8	U	15.6	U	547		15.8	U	87.2		128	
Fluoranthene	50000*	µg/kg	24.7	J	13.2	J	9.3	J	7180		10.2	J	73.8	J	148	
Fluorene	50000*	µg/kg	18	J	23.7	U	24.9	U	6120		25.2	U	106	U	110	U
2-Methylnaphthalene	36400	µg/kg	22.2	J	26.3	U	27.7	U	13.9	J	28	U	85.4	U	50.3	J
Naphthalene	13000	µg/kg	26.4	J	27.9	U	29.3	U	11.9	J	29.7	U	100	U	37.7	J
Phenanthrene	50000*	µg/kg	75.8		31.1		19.8	J	16600		20.4		66.6	J	94.2	
Pyrene	50000*	µg/kg	43.6		20.8		13	J	9450		16.2	J	143		239	
Total Non Carcinogenic PAHs			225.8		65.1		42.1		46132.8		46.8		444.4		825.4	
Probable Carcinogenic PAHs																
Benzo(a)anthracene	224 or MDL	µg/kg	17.2	J	14.8	U	9.3	J	2830		9.4	J	76.3		131	
Benzo(b)fluoranthene	1100	µg/kg	34.4	U	19.4	U	20.4	U	1470		20.6	U	197		236	
Benzo(k)fluoranthene	1100	µg/kg	27.9	U	17.8	U	18.7	U	827		18.9	U	92		197	
Benzo(a)pyrene	61 or MDL	µg/kg	8.4	J	14.4	U	15.1	U	2000		15.3	U	203		289	
Chrysene	400	µg/kg	13	J	18.2	U	19.1	U	2900		19.3	U	119		191	
Indeno(1,2,3-cd)pyrene	3200	µg/kg	26.6	U	13.7	U	14.5	U	535		14.6	U	79.9		111	
Dibenz(a,h)anthracene	14 or MDL	µg/kg	25	U	14.8	U	15.6	U	105		15.8	U	72.4	U	75.1	U
Total Probable Carcinogenic PAHs			38.6		ND		9.3		10667		9.4		767.2		1155	
Total PAHs			**264.4**		**65.1**		**51.4**		**56799.8**		**56.2**		**1211.6**		**1980.4**	
Metals																
Aluminum	SB / 33000	mg/kg	2080		6760		3580		4270		2210		9340		9050	
Antimony	SB / NA	mg/kg	0.63	J	0.36	J	0.38	J	0.61	U	0.38	J	5.2		4.29	
Arsenic	7.5 or SB / 3-12	mg/kg	0.43	U	0.41	U	0.43	U	0.4	U	0.44	U	2.11		2.37	
Barium	300 or SB / 15-600	mg/kg	18.9		24.5		25.7		39		15.4		39.3		39.3	
Beryllium	0.16 or SB / 0-1.75	mg/kg	0.13	U	0.12	U	0.13	U	0.12	U	0.13	U	0.36		0.41	
Cadmium	1 or SB / 0.1-1	mg/kg	0.05	U	0.048	U	0.05	U	0.048	U	0.051	U	1.53		1.49	
Calcium	SB / 130-35000	mg/kg	274		217		604		535		582		1500		2990	
Chromium	10 or SB / 1.5-40	mg/kg	6.68		17.6		11.8		13.2		8.7		15		14.3	
Cobalt	30 or SB / 2.5-60	mg/kg	2.77		4.56		3.91		5.71		2.82		4.06		4.24	
Copper	25 or SB / 1-50	mg/kg	12.6		15.4		17.1		21.3		11.4		8.73		12.8	
Iron	2000 or SB / 2000-550000	mg/kg	8220		11400		8300		12600		7440		12100		11200	
Lead	SB / 200-500	mg/kg	1.51		4.44		2.9		3.09		1.54		13.7		26.2	
Magnesium	SB / 100-5000	mg/kg	848		2430		1420		1800		818		2010		2100	
Manganese	SB / 50-5000	mg/kg	64.3		108		80.9		116		78.1		105		139	
Mercury	0.1 / 0.001-0.2	mg/kg	0.011	U	0.01		0.011	U	0.01	U	0.011	U	0.053		0.099	
Nickel	13 or SB / 0.5-25	mg/kg	8.06		12.1		11.8		12.4		13.6		11.6		9.8	
Potassium	SB / 8500-43000	mg/kg	6770		9780		12300		17200		4870		822		1230	
Selenium	2 or SB / 0.1-3.9	mg/kg	0.23	U	0.22	U	0.23	U	0.21	U	0.23	U	0.22	U	0.23	U
Silver	SB / NA	mg/kg	0.24	U	0.23	U	0.24	U	0.23	U	0.24	U	0.23	U	0.24	U
Sodium	SB / 6000-8000	mg/kg	46.9	J	120	U	126	U	119	U	131		108	J	93.7	J
Thallium	SB / NA	mg/kg	0.23	U	0.22	U	0.23	U	0.21	U	0.23	U	0.22	U	0.23	U
Vanadium	150 or SB / 1-300	mg/kg	8.82		18.2		13.5		19.2		11.8		20.4		20.7	
Zinc	20 or SB / 9-50	mg/kg	13.6		26.5		16		21.5		12.7		47.3		53.8	
Total Rec.Petr. Hydrocarbons		mg/kg	NR										NR		NR	
Cyanide		mg/kg	0.27	U	0.22	U	0.19	U	0.18	U	0.21	U	0.26	U	0.27	U
% Solids		%	79.6		83.5		79.3		83.8		78.4		82.6		79.6	

TABLE 3
SUMMARY OF SOIL SAMPLE RESULTS
FARRINGTON STREET SITE

Client Sample ID:			01-01174-001		01-01174-004		01-01174-005		01-01079-008		01-01078-003		01-01078-004		01-01078-002	
Laboratory ID:			K8399-1		K8399-2		K8399-3		K8396-8		K8395-3		K8395-4		K8395-2	
Sample Location:	TAGM 4046 (1/94)		MW-1		MW-1		MW-1		MW - 2		MW-2		MW-2		MW-3	
Sample Depth:	Soil Cleanup		15' - 16'		17' - 18'		28' - 30'		2' - 4'		14.5' - 15'		29' - 30'		2' - 4'	
Matrix:	Objectives /		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Validated:	Eastern USA		No		No		No		No		No		No		No	
Sampling Date:	Background		02/02/2001		02/02/2001		02/02/2001		01/31/2001		02/01/2001		02/01/2001		02/01/2001	
Analyte:		Units:														
PCBs																
PCB 1016	1000	µg/kg	2.2	U	2.43	U	2.54	U	2.44	U	2.2	U	2.43	U	2.33	U
PCB 1221	1000	µg/kg	10.3	U	11.4	U	11.9	U	11.5	U	10.3	U	11.4	U	11	U
PCB 1232	1000	µg/kg	2.3	U	2.54	U	2.65	U	2.54	U	2.29	U	2.54	U	2.43	U
PCB 1242	1000	µg/kg	1.72	U	1.91	U	1.99	U	1.91	U	1.72	U	1.91	U	1.83	U
PCB 1248	1000	µg/kg	3.88	U	4.29	U	4.48	U	4.3	U	3.88	U	4.29	U	4.11	U
PCB 1254	1000	µg/kg	5.87	U	6.5	U	6.78	U	6.51	U	5.87	U	6.5	U	6.23	U
PCB 1260	1000	µg/kg	6.75	U	7.46	U	7.79	U	7.48	U	6.74	U	7.46	U	7.15	U
Volatiles																
Chloromethane	NA *	µg/kg	0.83	U	0.93	U	0.97	U	0.93	U	0.84	U	0.93	U	0.89	U
Bromomethane	NA *	µg/kg	0.85	U	0.94	U	0.98	U	0.94	U	0.85	U	0.94	U	0.9	U
Vinyl Chloride	200	µg/kg	1.01	U	1.12	U	1.17	U	1.12	U	1.02	U	1.12	U	1.07	U
Chloroethane	1900	µg/kg	0.89	U	0.99	U	1.03	U	0.99	U	0.9	U	0.99	U	0.95	U
Methylene Chloride	100	µg/kg	1.04	U	1.15	U	2.7	B	1.15	U	1.05	U	1.15	U	1.11	U
Acetone	200	µg/kg	2.48	U	2.76	U	2.88	U	2.76	U	9.8		2.76	U	5.1	
Carbon disulfide	2700	µg/kg	0.77	U	0.86	U	0.89	U	0.86	U	0.78	U	0.86	U	0.82	U
1,1-Dichloroethene	400	µg/kg	0.71	U	0.79	U	0.82	U	0.79	U	0.71	U	0.79	U	0.75	U
1,1-Dichloroethane	200	µg/kg	0.63	U	0.7	U	0.73	U	0.7	U	0.64	U	0.7	U	0.67	U
t-1,2-Dichloroethene	300	µg/kg	0.36	U	0.4	U	0.42	U	0.4	U	0.37	U	0.4	U	0.39	U
c-1,2-Dichloroethene	300	µg/kg	0.77	U	0.86	U	0.89	U	0.86	U	0.78	U	0.86	U	0.82	U
Chloroform	300	µg/kg	0.72	U	0.8	U	0.83	U	0.8	U	0.72	U	0.8	U	0.76	U
1,2-Dichloroethane	100	µg/kg	0.49	U	0.55	U	0.57	U	0.55	U	0.5	U	0.55	U	0.52	U
2-Butanone	300	µg/kg	1	U	1.11	U	1.15	U	1.11	U	1	U	1.11	U	1.06	U
1,1,1-Trichloroethane	800	µg/kg	0.76	U	0.84	U	0.88	U	0.84	U	0.77	U	0.84	U	0.81	U
Carbon Tetrachloride	600	µg/kg	0.8	U	0.89	U	0.93	U	0.89	U	0.81	U	0.89	U	0.86	U
Bromodichloromethane	NA *	µg/kg	0.73	U	0.81	U	0.84	U	0.81	U	0.73	U	0.81	U	0.78	U
1,2-Dichloropropane	NA *	µg/kg	0.68	U	0.76	U	0.79	U	0.76	U	0.69	U	0.76	U	0.73	U
cis-1,3-Dichloropropene	300	µg/kg	0.67	U	0.75	U	0.78	U	0.75	U	0.68	U	0.75	U	0.72	U
Trichloroethene	700	µg/kg	0.8	U	0.89	U	0.93	U	0.89	U	0.81	U	0.89	U	0.86	U
Dibromochloromethane	NA *	µg/kg	0.59	U	0.65	U	0.68	U	0.65	U	0.59	U	0.65	U	0.63	U
1,1,2-Trichloroethane	NA *	µg/kg	0.62	U	0.69	U	0.72	U	0.69	U	0.63	U	0.69	U	0.66	U
Benzene	60	µg/kg	0.14	U	0.15	U	0.16	U	0.15	U	0.14	U	0.15	U	0.15	U
trans-1,3-Dichloropropene	300	µg/kg	0.6	U	0.67	U	0.69	U	0.67	U	0.6	U	0.67	U	0.64	U
Bromoform	NA *	µg/kg	0.36	U	0.4	U	0.42	U	0.4	U	0.37	U	0.4	U	0.39	U
4-Methyl-2-pentanone	1000	µg/kg	1.84	U	2.05	U	2.13	U	2.05	U	1.86	U	2.05	U	1.96	U
2-Hexanone	NA *	µg/kg	1.5	U	1.67	U	1.74	U	1.67	U	1.51	U	1.67	U	1.6	U
Tetrachloroethene	1400	µg/kg	0.67	U	0.75	U	0.78	U	0.75	U	0.68	U	6.9		0.72	U
Toluene	1500	µg/kg	0.18	U	0.2	U	0.21	U	0.2	U	0.18	U	0.2	U	0.19	U
1,1,2,2-Tetrachloroethane	600	µg/kg	0.63	U	0.7	U	0.73	U	0.7	U	0.64	U	0.7	U	0.67	U
Chlorobenzene	1700	µg/kg	0.29	U	0.32	U	0.33	U	0.32	U	0.29	U	0.32	U	0.31	U
Ethylbenzene	5500	µg/kg	1		0.11	U	0.11	U	0.11	U	0.097	U	0.11	U	0.1	U
Styrene	NA *	µg/kg	0.77	U	0.86	U	0.89	U	0.86	U	0.78	U	0.86	U	0.82	U
m,p-xylene	1200	µg/kg	0.17	U	0.19	U	0.2	U	0.19	U	0.17	U	2.1		0.18	U
o-xylene	1200	µg/kg	0.13	U	0.14	U	0.15	U	0.14	U	0.13	U	0.14	U	0.14	U
Total BTEX			**1**		**ND**		**ND**		**ND**		**ND**		**2.1**		**ND**	
Semi-Volatiles																
Phenol	30	µg/kg	63.6	U	71	U	74.1	U	71.2	U	105	U	71	U	68.1	U
bis(2-Chloroethyl)ether	NA *	µg/kg	82.4	U	92	U	96	U	92.2	U	101	U	92	U	88.2	U
2-Chlorophenol	800	µg/kg	77.4	U	86.4	U	90.2	U	86.6	U	103	U	86.4	U	82.9	U
1,3-Dichlorobenzene	1600	µg/kg	84.4	U	94.3	U	98.4	U	94.5	U	110	U	94.3	U	90.4	U
1,4-Dichlorobenzene	8500	µg/kg	80.3	U	89.6	U	93.5	U	89.8	U	107	U	89.6	U	85.9	U
1,2-Dichlorobenzene	7900	µg/kg	90.5	U	101	U	105	U	101	U	108	U	101	U	96.9	U
2-Methylphenol	100	µg/kg	81.1	U	90.6	U	94.5	U	90.8	U	89.4	U	90.6	U	86.9	U
bis(2-Chloroisopropyl)ether	NA *	µg/kg	85.6	U	95.6	U	99.8	U	95.8	U	117	U	95.6	U	91.7	U
3+4-Methylphenol	NA *	µg/kg	81.2	U	90.7	U	94.7	U	90.9	U	86.5	U	90.7	U	87	U
N-Nitrosodi-n-propylamine	NA *	µg/kg	74.8	U	83.6	U	87.2	U	83.7	U	105	U	83.6	U	80.1	U
Hexachloroethane	NA *	µg/kg	71.9	U	80.3	U	83.8	U	80.5	U	111	U	80.3	U	77	U
Nitrobenzene	200	µg/kg	89.4	U	99.9	U	104	U	100	U	121	U	99.9	U	95.8	U
Isophorone	4400	µg/kg	72.9	U	81.4	U	85	U	81.6	U	111	U	81.4	U	78.1	U
2-Nitrophenol	330	µg/kg	67.9	U	75.8	U	79.1	U	76	U	84.4	U	75.8	U	72.7	U
2,4-Dimethylphenol	NA *	µg/kg	63.5	U	70.9	U	74	U	71.1	U	51	U	70.9	U	68	U
bis(2-Chloroethoxy)methane	NA *	µg/kg	83.3	U	93.1	U	97.1	U	93.3	U	102	U	93.1	U	89.3	U
2,4-Dichlorophenol	400	µg/kg	75	U	83.8	U	87.4	U	84	U	88.4	U	83.8	U	80.3	U
1,2,4-Trichlorobenzene	NA *	µg/kg	91.5	U	102	U	107	U	102	U	107	U	102	U	97.9	U
4-Chloroaniline	220	µg/kg	45.4	U	50.7	U	52.9	U	50.8	U	111	U	50.7	U	48.6	U
Hexachlorobutadiene	NA *	µg/kg	85.6	U	95.6	U	99.8	U	95.8	U	107	U	95.6	U	91.7	U
4-Chloro-3-methylphenol	240	µg/kg	88	U	98.3	U	103	U	98.6	U	86.3	U	98.3	U	94.3	U
Hexachlorocyclopentadiene	NA *	µg/kg	37.9	U	42.3	U	44.2	U	42.4	U	89.7	U	42.3	U	40.6	U
2,4,6-Trichlorophenol	NA *	µg/kg	75.3	U	84.1	U	87.8	U	84.3	U	85.3	U	84.1	U	80.7	U
2,4,5-Trichlorophenol	100	µg/kg	67.1	U	75	U	78.2	U	75.1	U	82.1	U	75	U	71.9	U
2-Chloronaphthalene	NA *	µg/kg	87.5	U	97.7	U	102	U	98	U	98.3	U	97.7	U	93.7	U
2-Nitroaniline	430	µg/kg	65.7	U	73.4	U	76.6	U	73.6	U	77.3	U	73.4	U	70.4	U
Dimethylphthalate	2000	µg/kg	87.4	U	97.6	U	102	U	97.8	U	94.1	U	97.6	U	93.6	U
2,6-Dinitrotoluene	1000	µg/kg	64.9	U	72.5	U	75.6	U	72.6	U	86.9	U	72.5	U	69.5	U
3-Nitroaniline	500	µg/kg	41.8	U	46.7	U	48.8	U	46.8	U	83	U	46.7	U	44.8	U
2,4-Dinitrophenol	200	µg/kg	62	U	69.2	U	72.3	U	69.4	U	98.7	U	69.2	U	66.4	U

TABLE 3
SUMMARY OF SOIL SAMPLE RESULTS
FARRINGTON STREET SITE

Client Sample ID:			01-01174-001		01-01174-004		01-01174-005		01-01079-008		01-01078-003		01-01078-004		01-01078-002	
Laboratory ID:			K8399-1		K8399-2		K8399-3		K8396-8		K8395-3		K8395-4		K8395-2	
Sample Location:	TAGM 4046 (1/94)		MW-1		MW-1		MW-1		MW - 2		MW-2		MW-2		MW-3	
Sample Depth:	Soil Cleanup		15' - 16'		17' - 18'		28' - 30'		2' - 4'		14.5' - 15'		29' - 30'		2' - 4'	
Matrix:	Objectives /		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Validated:	Eastern USA		No		No		No		No		No		No		No	
Sampling Date:	Background		02/02/2001		02/02/2001		02/02/2001		01/31/2001		02/01/2001		02/01/2001		02/01/2001	
Analyte:		Units:														
4-Nitrophenol	100	µg/kg	139	U	156	U	162	U	156	U	64.2	U	156	U	149	U
Dibenzofuran	6200	µg/kg	90	U	100	U	105	U	101	U	93.9	U	100	U	96.3	U
2,4-Dinitrotoluene	NA *	µg/kg	59.3	U	66.3	U	69.2	U	66.4	U	82.5	U	66.3	U	63.5	U
Diethylphthalate	7100	µg/kg	57.4	U	64.1	U	66.9	U	64.3	U	60.4	U	64.1	U	61.5	U
4-Chlorophenyl phenyl ether	NA *	µg/kg	103	U	115	U	121	U	116	U	95.7	U	115	U	111	U
4-Nitroaniline	NA *	µg/kg	48.2	U	53.9	U	56.2	U	54	U	72.5	U	53.9	U	51.7	U
4,6-Dinitro-2-methylphenol	NA *	µg/kg	81.4	U	90.9	U	94.9	U	91.2	U	91.4	U	90.9	U	87.2	U
N-Nitrosodiphenylamine	NA *	µg/kg	85.7	U	95.7	U	99.9	U	95.9	U	86.2	U	95.7	U	91.8	U
4-Bromophenyl phenyl ether	NA *	µg/kg	78.1	U	87.2	U	91	U	87.5	U	87.3	U	87.2	U	83.7	U
Hexachlorobenzene	410	µg/kg	76.6	U	85.6	U	89.3	U	85.8	U	95.8	U	85.6	U	82.1	U
Pentachlorophenol	1000	µg/kg	52.1	U	58.2	U	60.7	U	58.3	U	64.9	U	58.2	U	55.8	U
Carbazole	NA *	µg/kg	60.9	U	68.1	U	71	U	68.2	U	216	U	68.1	U	65.3	U
Di-n-butylphthalate	8100	µg/kg	231	U	257	U	269	U	258	U	211	U	257	U	247	U
Butylbenzylphthalate	50000	µg/kg	51	U	57	U	59.5	U	57.1	U	64.4	U	57	U	54.6	U
3,3'-Dichlorobenzidine	NA *	µg/kg	88.4	U	98.7	U	103	U	98.9	U	209	U	98.7	U	94.6	U
bis(2-Ethylhexyl)phthalate	50000	µg/kg	446		889		108	J	98	J	701		274	J	149	J
Di-n-octylphthalate	50000	µg/kg	65.7	U	73.4	U	76.6	U	73.6	U	57.9	U	73.4	U	70.4	U
Non Carcinogenic PAHs																
Acenaphthene	50000*	µg/kg	92.2	U	103	U	107	U	103	U	92.9	U	103	U	98.7	U
Acenaphthylene	41000	µg/kg	85.8	U	36.9	J	100	U	201		98.3	U	95.8	U	91.9	U
Anthracene	50000*	µg/kg	76.6	U	85.6	U	89.3	U	70.5	J	71.9	U	85.6	U	82.1	U
Benzo(g,h,i)perylene	50000*	µg/kg	56.6	U	60.8	J	65.9	U	435		42.2	U	63.2	U	60.6	U
Fluoranthene	50000*	µg/kg	67.8	U	97.7		79	U	481		70.5	U	75.7	U	72.6	U
Fluorene	50000*	µg/kg	93.7	U	105	U	109	U	105	U	91.3	U	105	U	100	U
2-Methylnaphthalene	36400	µg/kg	75.2	U	84	U	87.7	U	26.3	J	86.8	U	84	U	26.3	J
Naphthalene	13000	µg/kg	88.4	U	98.7	U	103	U	39.4	J	102	U	98.7	U	94.6	U
Phenanthrene	50000*	µg/kg	75.1	U	76.3	J	87.6	U	173		78.8	U	83.9	U	80.5	U
Pyrene	50000*	µg/kg	56.1	U	133		65.4	U	681		71.3	U	62.7	U	25.1	J
Total Non Carcinogenic PAHs			ND		404.7		ND		2107.2		ND		ND		51.4	
Probable Carcinogenic PAHs																
Benzo(a)anthracene	224 or MDL	µg/kg	53.6	U	69.1		62.4	U	467		65	U	59.8	U	57.4	U
Benzo(b)fluoranthene	1100	µg/kg	87.6	U	119		102	U	677		45.2	U	97.9	U	93.8	U
Benzo(k)fluoranthene	1100	µg/kg	71.1	U	70.3	J	82.8	U	395		67.7	U	79.4	U	76.1	U
Benzo(a)pyrene	61 or MDL	µg/kg	58.1	U	104		67.7	U	669		50.4	U	64.8	U	62.2	U
Chrysene	400	µg/kg	53.4	U	95.4		62.2	U	508		69.3	U	59.6	U	57.1	U
Indeno(1,2,3-cd)pyrene	3200	µg/kg	67.9	U	56	J	79.1	U	364		44	U	75.8	U	72.7	U
Dibenz(a,h)anthracene	14 or MDL	µg/kg	63.8	U	71.3	U	74.4	U	114		44.2	U	71.3	U	68.3	U
Total Probable Carcinogenic PAHs			ND		513.8		ND		3194		ND		ND		ND	
Total PAHs			**ND**		**918.5**		**ND**		**5301.2**		**ND**		**ND**		**51.4**	
Metals																
Aluminum	SB / 33000	mg/kg	5250		2250		2480		9680		2010		3120		9960	
Antimony	SB / NA	mg/kg	8.51		5.01		5.95		9.32		5.82		2.6		9.02	
Arsenic	7.5 or SB / 3-12	mg/kg	1.02		0.5		0.4	J	3.9		0.17	J	0.4	U	2.38	
Barium	300 or SB / 15-600	mg/kg	50.2		23.4		21.8		65.5		20.4		31		41.3	
Beryllium	0.16 or SB / 0-1.75	mg/kg	0.37		0.33		0.25		0.48		0.19		0.21		0.47	
Cadmium	1 or SB / 0.1-1	mg/kg	1.83		0.85		1.23		2.15		1.21		0.98		1.94	
Calcium	SB / 130-35000	mg/kg	2410		645		469		2080		272		518		575	
Chromium	10 or SB / 1.5-40	mg/kg	16.2		8.59		11.8		14.2		7.46		10.1		17.9	
Cobalt	30 or SB / 2.5-60	mg/kg	8.61		3.13		3.4		4.66		3.05		3.56		6.92	
Copper	25 or SB / 1-50	mg/kg	15.9		14.3		15.4		10.8		9.65		8.91		10.5	
Iron	2000 or SB / 2000-550000	mg/kg	15300		6180		9310		13800		10700		8290		15500	
Lead	SB / 200-500	mg/kg	12.7		1.54		2.58		218		2.24		1.33		21.9	
Magnesium	SB / 100-5000	mg/kg	2130		1170		1200		1850		594		1480		2330	
Manganese	SB / 50-5000	mg/kg	265		46.3		62.4		222		119		121		212	
Mercury	0.1 / 0.001-0.2	mg/kg	0.0093	U	0.01	U	0.011	U	0.091		0.0094	U	0.01	U	0.083	
Nickel	13 or SB / 0.5-25	mg/kg	19.4		14.8		9		10.1		8.47		9.27		13.3	
Potassium	SB / 8500-43000	mg/kg	2560		695		1150		791		519		1370		1540	
Selenium	2 or SB / 0.1-3.9	mg/kg	0.19	U	1.18		0.65		0.21	U	0.19	U	0.21	U	0.21	U
Silver	SB / NA	mg/kg	0.2	U	0.23	U	0.24	U	0.23	U	0.21	U	0.23	U	0.22	U
Sodium	SB / 6000-8000	mg/kg	400		226		20.7	J	1010		133		207		27.4	J
Thallium	SB / NA	mg/kg	0.19	U	0.21	U	0.22	U	0.21	U	0.19	U	0.21	U	0.21	U
Vanadium	150 or SB / 1-300	mg/kg	18.9		8.94		10.7		18.9		10		10.9		23.1	
Zinc	20 or SB / 9-50	mg/kg	33.2		10.5		11.9		142		10.6		13.1		38.1	
Total Rec.Petr. Hydrocarbons		mg/kg														
Cyanide		mg/kg	0.28	U	0.009		0.006	U	0.23		0.3	U	0.3	U	0.12	J
% Solids		%	93.7		83.9		80.4		83.7		92.9		83.9		87.5	

TABLE 3
SUMMARY OF SOIL SAMPLE RESULTS
FARRINGTON STREET SITE

Client Sample ID:			01-01078-005		01-01078-006		01-01078-007		01-01081-001		01-01081-003		01-01077-008		01-01077-009	
Laboratory ID:			K8395-5		K8395-6		K8395-7		K8398-1		K8398-3		K8394-8		K8394-9	
Sample Location:	TAGM 4046 (1/94)		MW-3		MW-3		MW-3		MW-4		MW-4 (Dup)		MW-4		MW-4	
Sample Depth:	Soil Cleanup		12.5' - 13.5'		13.5' - 14.5'		29' - 30'		2' - 4'		2' - 4'		14' - 15'		29' - 30'	
Matrix:	Objectives /		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Validated:	Eastern USA		No		No		No		No		No		No		No	
Sampling Date:	Background		02/01/2001		02/01/2001		02/01/2001		02/01/2001		02/01/2001		02/01/2001		02/01/2001	
Analyte:		Units:														
PCBs																
PCB 1016	1000	µg/kg	2.18	U	2.46	U	2.36	U	2.4	U	2.29	U	2.12	U	2.37	U
PCB 1221	1000	µg/kg	10.3	U	11.6	U	11.1	U	11.3	U	10.8	U	9.98	U	11.1	U
PCB 1232	1000	µg/kg	2.28	U	2.57	U	2.47	U	2.51	U	2.39	U	2.21	U	2.47	U
PCB 1242	1000	µg/kg	1.71	U	1.93	U	1.85	U	1.88	U	1.79	U	1.66	U	1.86	U
PCB 1248	1000	µg/kg	3.85	U	4.34	U	4.17	U	4.24	U	4.04	U	3.74	U	4.18	U
PCB 1254	1000	µg/kg	5.82	U	6.57	U	6.32	U	6.42	U	6.11	U	5.67	U	6.32	U
PCB 1260	1000	µg/kg	6.69	U	12.9		7.25	U	7.37	U	7.02	U	6.51	U	7.26	U
Volatiles																
Chloromethane	NA *	µg/kg	0.83	U	0.94	U	0.9	U	0.92	U	0.87	U	0.81	U	0.9	U
Bromomethane	NA *	µg/kg	0.85	U	0.95	U	0.92	U	0.93	U	0.88	U	0.82	U	0.92	U
Vinyl Chloride	200	µg/kg	1.01	U	1.13	U	1.09	U	1.11	U	1.05	U	0.98	U	1.09	U
Chloroethane	1900	µg/kg	0.89	U	1	U	0.96	U	0.98	U	0.93	U	0.86	U	0.96	U
Methylene Chloride	100	µg/kg	1.04	U	1.16	U	1.13	U	1.14	U	1.09	U	19.1		19.9	
Acetone	200	µg/kg	2.48	U	13.9		2.69	U	2.74	U	2.6	U	11.8		2.69	U
Carbon disulfide	2700	µg/kg	0.77	U	0.86	U	0.84	U	0.85	U	0.81	U	0.75	U	0.84	U
1,1-Dichloroethene	400	µg/kg	0.71	U	0.79	U	0.77	U	0.78	U	0.74	U	0.69	U	0.77	U
1,1-Dichloroethane	200	µg/kg	0.63	U	0.71	U	0.68	U	0.7	U	0.66	U	0.61	U	0.68	U
t-1,2-Dichloroethene	300	µg/kg	0.36	U	0.41	U	0.39	U	0.4	U	0.38	U	0.35	U	0.39	U
c-1,2-Dichloroethene	300	µg/kg	0.77	U	0.86	U	0.84	U	0.85	U	0.81	U	0.75	U	0.84	U
Chloroform	300	µg/kg	0.72	U	0.8	U	0.78	U	0.79	U	0.75	U	0.7	U	0.78	U
1,2-Dichloroethane	100	µg/kg	0.49	U	0.55	U	0.53	U	0.54	U	0.52	U	0.48	U	0.53	U
2-Butanone	300	µg/kg	1	U	1.12	U	1.08	U	1.1	U	1.04	U	0.97	U	1.08	U
1,1,1-Trichloroethane	800	µg/kg	0.76	U	0.85	U	0.82	U	0.84	U	0.8	U	0.74	U	0.82	U
Carbon Tetrachloride	600	µg/kg	0.8	U	0.9	U	0.87	U	0.88	U	0.84	U	0.78	U	0.87	U
Bromodichloromethane	NA *	µg/kg	0.73	U	0.82	U	0.79	U	0.8	U	0.76	U	0.71	U	0.79	U
1,2-Dichloropropane	NA *	µg/kg	0.68	U	0.77	U	0.74	U	0.76	U	0.72	U	0.67	U	0.74	U
cis-1,3-Dichloropropene	300	µg/kg	0.67	U	0.76	U	0.73	U	0.74	U	0.71	U	0.66	U	0.73	U
Trichloroethene	700	µg/kg	0.8	U	0.9	U	0.87	U	0.88	U	0.84	U	0.78	U	0.87	U
Dibromochloromethane	NA *	µg/kg	0.59	U	0.66	U	0.64	U	0.65	U	0.62	U	0.57	U	0.64	U
1,1,2-Trichloroethane	NA *	µg/kg	0.62	U	0.7	U	0.67	U	0.68	U	0.65	U	0.6	U	0.67	U
Benzene	60	µg/kg	0.14	U	0.16	U	0.15	U	0.15	U	0.15	U	0.14	U	0.15	U
trans-1,3-Dichloropropene	300	µg/kg	0.6	U	0.67	U	0.65	U	0.66	U	0.63	U	0.58	U	0.65	U
Bromoform	NA *	µg/kg	0.36	U	0.41	U	0.39	U	0.4	U	0.38	U	0.35	U	0.39	U
4-Methyl-2-pentanone	1000	µg/kg	1.84	U	2.06	U	2	U	2.03	U	1.93	U	1.79	U	2	U
2-Hexanone	NA *	µg/kg	1.5	U	1.68	U	1.62	U	1.65	U	1.57	U	1.46	U	1.62	U
Tetrachloroethene	1400	µg/kg	0.67	U	0.76	U	0.73	U	0.74	U	0.71	U	0.66	U	0.73	U
Toluene	1500	µg/kg	0.18	U	0.2	U	0.2	U	0.2	U	0.19	U	1.8		1.7	
1,1,2,2-Tetrachloroethane	600	µg/kg	0.63	U	0.71	U	0.68	U	0.7	U	0.66	U	0.61	U	0.68	U
Chlorobenzene	1700	µg/kg	0.29	U	0.32	U	0.31	U	0.32	U	0.3	U	0.28	U	0.31	U
Ethylbenzene	5500	µg/kg	0.096	U	0.11	U	0.1	U	0.11	U	0.1	U	0.89		0.1	U
Styrene	NA *	µg/kg	0.77	U	0.86	U	0.84	U	0.85	U	0.81	U	0.75	U	0.84	U
m,p-xylene	1200	µg/kg	0.17	U	0.19	U	0.19	U	0.19	U	0.18	U	4.4		3.8	
o-xylene	1200	µg/kg	0.13	U	0.14	U	0.14	U	0.14	U	0.13	U	1.1		1	
Total BTEX			**ND**		**ND**		**ND**		**ND**		**ND**		**8.19**		**6.5**	
Semi-Volatiles																
Phenol	30	µg/kg	63.3	U	117	U	113	U	70.2	U	66.8	U	58.6	U	65.4	U
bis(2-Chloroethyl)ether	NA *	µg/kg	82	U	113	U	109	U	90.9	U	86.5	U	73.7	U	82.3	U
2-Chlorophenol	800	µg/kg	77	U	115	U	111	U	85.4	U	81.3	U	60.6	U	67.6	U
1,3-Dichlorobenzene	1600	µg/kg	84	U	123	U	119	U	93.2	U	88.7	U	73.6	U	82.1	U
1,4-Dichlorobenzene	8500	µg/kg	79.8	U	120	U	115	U	88.6	U	84.3	U	75.2	U	83.9	U
1,2-Dichlorobenzene	7900	µg/kg	90	U	121	U	117	U	99.9	U	95.1	U	76	U	84.8	U
2-Methylphenol	100	µg/kg	80.7	U	100	U	96.3	U	89.5	U	85.2	U	60.4	U	67.4	U
bis(2-Chloroisopropyl)ether	NA *	µg/kg	85.1	U	131	U	126	U	94.5	U	89.9	U	44	U	49.1	U
3+4-Methylphenol	NA *	µg/kg	80.8	U	96.9	U	93.2	U	89.6	U	85.3	U	49.5	U	55.2	U
N-Nitrosodi-n-propylamine	NA *	µg/kg	74.4	U	118	U	113	U	82.6	U	78.6	U	61.4	U	68.6	U
Hexachloroethane	NA *	µg/kg	71.6	U	124	U	119	U	79.4	U	75.6	U	76.5	U	85.4	U
Nitrobenzene	200	µg/kg	89	U	136	U	131	U	98.7	U	93.9	U	84.4	U	94.2	U
Isophorone	4400	µg/kg	72.5	U	124	U	119	U	80.5	U	76.6	U	56.9	U	63.5	U
2-Nitrophenol	330	µg/kg	67.5	U	94.5	U	90.8	U	74.9	U	71.3	U	64.9	U	72.4	U
2,4-Dimethylphenol	NA *	µg/kg	63.2	U	57.1	U	54.9	U	70.1	U	66.7	U	36.4	U	40.6	U
bis(2-Chloroethoxy)methane	NA *	µg/kg	82.9	U	114	U	110	U	92	U	87.6	U	66.7	U	74.5	U
2,4-Dichlorophenol	400	µg/kg	74.6	U	98.9	U	95.1	U	82.8	U	78.8	U	62.3	U	69.5	U
1,2,4-Trichlorobenzene	NA *	µg/kg	91	U	120	U	115	U	101	U	96.1	U	69	U	77	U
4-Chloroaniline	220	µg/kg	45.1	U	125	U	120	U	50.1	U	47.6	U	76.4	U	85.3	U
Hexachlorobutadiene	NA *	µg/kg	85.1	U	120	U	115	U	94.5	U	89.9	U	70.1	U	78.2	U
4-Chloro-3-methylphenol	240	µg/kg	87.6	U	96.6	U	92.9	U	97.2	U	92.5	U	47.6	U	53.1	U
Hexachlorocyclopentadiene	NA *	µg/kg	37.7	U	100	U	96.5	U	41.8	U	39.8	U	114	U	127	U
2,4,6-Trichlorophenol	NA *	µg/kg	74.9	U	95.4	U	91.8	U	83.2	U	79.1	U	76.5	U	85.4	U
2,4,5-Trichlorophenol	100	µg/kg	66.8	U	91.9	U	88.4	U	74.1	U	70.5	U	70.9	U	79.1	U
2-Chloronaphthalene	NA *	µg/kg	87.1	U	110	U	106	U	96.6	U	91.9	U	71	U	79.2	U
2-Nitroaniline	430	µg/kg	65.4	U	86.5	U	83.2	U	72.6	U	69.1	U	49.6	U	55.3	U
Dimethylphthalate	2000	µg/kg	86.9	U	105	U	101	U	96.5	U	91.8	U	63.5	U	70.9	U
2,6-Dinitrotoluene	1000	µg/kg	64.5	U	97.2	U	93.5	U	71.6	U	68.2	U	52.4	U	58.5	U
3-Nitroaniline	500	µg/kg	41.6	U	92.9	U	89.3	U	46.2	U	43.9	U	44.7	U	49.9	U
2,4-Dinitrophenol	200	µg/kg	61.7	U	110	U	106	U	68.4	U	65.1	U	62.6	U	69.8	U

TABLE 3
SUMMARY OF SOIL SAMPLE RESULTS
FARRINGTON STREET SITE

Client Sample ID:			01-01078-005		01-01078-006		01-01078-007		01-01081-001		01-01081-003		01-01077-008		01-01077-009	
Laboratory ID:			K8395-5		K8395-6		K8395-7		K8398-1		K8398-3		K8394-8		K8394-9	
Sample Location:	TAGM 4046 (1/94)		MW-3		MW-3		MW-3		MW-4		MW-4 (Dup)		MW-4		MW-4	
Sample Depth:	Soil Cleanup		12.5' - 13.5'		13.5' - 14.5'		29' - 30'		2' - 4'		2' - 4'		14' - 15'		29' - 30'	
Matrix:	Objectives /		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Validated:	Eastern USA		No		No		No		No		No		No		No	
Sampling Date:	Background		02/01/2001		02/01/2001		02/01/2001		02/01/2001		02/01/2001		02/01/2001		02/01/2001	
Analyte:		Units:														
4-Nitrophenol	100	µg/kg	139	U	71.8	U	69.1	U	154	U	146	U	85	U	94.9	U
Dibenzofuran	6200	µg/kg	89.5	U	105	U	101	U	99.3	U	94.5	U	67.6	U	75.4	U
2,4-Dinitrotoluene	NA *	µg/kg	59	U	92.3	U	88.8	U	65.5	U	62.3	U	39	U	43.5	U
Diethylphthalate	7100	µg/kg	57.1	U	67.6	U	65	U	63.4	U	60.3	U	49.8	U	55.6	U
4-Chlorophenyl phenyl ether	NA *	µg/kg	103	U	107	U	103	U	114	U	109	U	69.3	U	77.4	U
4-Nitroaniline	NA *	µg/kg	48	U	81.2	U	78.1	U	53.2	U	50.7	U	66.5	U	74.2	U
4,6-Dinitro-2-methylphenol	NA *	µg/kg	81	U	102	U	98.4	U	89.9	U	85.5	U	68.4	U	76.3	U
N-Nitrosodiphenylamine	NA *	µg/kg	85.2	U	96.5	U	92.8	U	94.6	U	90	U	61.1	U	68.2	U
4-Bromophenyl phenyl ether	NA *	µg/kg	77.7	U	97.7	U	94	U	86.2	U	82.1	U	65.1	U	72.6	U
Hexachlorobenzene	410	µg/kg	76.2	U	107	U	103	U	84.6	U	80.5	U	59.3	U	66.1	U
Pentachlorophenol	1000	µg/kg	51.8	U	72.6	U	69.9	U	57.5	U	54.7	U	43.9	U	49	U
Carbazole	NA *	µg/kg	60.6	U	242	U	232	U	67.3	U	64	U	48	U	53.6	U
Di-n-butylphthalate	8100	µg/kg	229	U	236	U	227	U	254	U	242	U	36.4	J	226	U
Butylbenzylphthalate	50000	µg/kg	50.7	U	72	U	69.3	U	56.3	U	53.6	U	53.7	U	60	U
3,3'-Dichlorobenzidine	NA *	µg/kg	87.9	U	234	U	225	U	97.5	U	92.8	U	126	U	141	U
bis(2-Ethylhexyl)phthalate	50000	µg/kg	199	J	999		404		87.2	J	365	U	167	J	48.7	J
Di-n-octylphthalate	50000	µg/kg	65.4	U	64.8	U	62.3	U	72.6	U	69.1	U	55.8	U	62.3	U
Non Carcinogenic PAHs																
Acenaphthene	50000*	µg/kg	91.7	U	104	U	100	U	102	U	96.9	U	70.4	U	78.5	U
Acenaphthylene	41000	µg/kg	85.4	U	200		106	U	94.7	U	90.1	U	60.9	U	68	U
Anthracene	50000*	µg/kg	76.2	U	68.7	J	77.4	U	84.6	U	80.5	U	53	U	59.2	U
Benzo(g,h,i)perylene	50000*	µg/kg	56.3	U	237		45.4	U	62.4	U	59.4	U	38.6	U	43	U
Fluoranthene	50000*	µg/kg	67.4	U	447		75.9	U	74.8	U	71.2	U	44.5	U	49.7	U
Fluorene	50000*	µg/kg	93.2	U	102	U	98.3	U	103	U	98.4	U	61.6	U	68.8	U
2-Methylnaphthalene	36400	µg/kg	74.8	U	97.1	U	93.4	U	83	U	79	U	68.5	U	76.5	U
Naphthalene	13000	µg/kg	87.9	U	31.3	J	109	U	97.5	U	92.8	U	72.6	U	81	U
Phenanthrene	50000*	µg/kg	74.7	U	143		84.8	U	82.9	U	78.9	U	49.7	U	55.5	U
Pyrene	50000*	µg/kg	55.8	U	502		76.7	U	62	U	59	U	44.9	U	50.1	U
Total Non Carcinogenic PAHs			ND		1629		ND		ND		ND		ND		ND	
Probable Carcinogenic PAHs																
Benzo(a)anthracene	224 or MDL	µg/kg	53.3	U	286		70	U	59.1	U	56.3	U	38.5	U	42.9	U
Benzo(b)fluoranthene	1100	µg/kg	87.2	U	257		48.7	U	96.7	U	92	U	50.4	U	56.3	U
Benzo(k)fluoranthene	1100	µg/kg	70.7	U	287		72.9	U	78.4	U	74.7	U	46.3	U	51.6	U
Benzo(a)pyrene	61 or MDL	µg/kg	57.8	U	365		54.2	U	64.1	U	61	U	37.4	U	41.8	U
Chrysene	400	µg/kg	53.1	U	345		74.6	U	58.9	U	56.1	U	47.3	U	52.8	U
Indeno(1,2,3-cd)pyrene	3200	µg/kg	67.5	U	218		47.4	U	74.9	U	71.3	U	35.8	U	39.9	U
Dibenz(a,h)anthracene	14 or MDL	µg/kg	63.5	U	65.1		47.6	U	70.4	U	67	U	38.6	U	43	U
Total Probable Carcinogenic PAHs			ND		1823.1		ND		ND		ND		ND		ND	
Total PAHs			**ND**		**3452.1**		**ND**		**ND**		**ND**		**ND**		**ND**	
Metals																
Aluminum	SB / 33000	mg/kg	67.3		4660		2640		9360		8330		2300		1120	
Antimony	SB / NA	mg/kg	8.43		7.39		4.98		0.6	U	0.57	U	7.86		3.9	
Arsenic	7.5 or SB / 3-12	mg/kg	0.36	U	0.69		0.78		0.4	U	0.38	U	0.12	J	0.39	U
Barium	300 or SB / 15-600	mg/kg	73.9		54.1		28.5		0.44	U	0.41	U	20.3		9.72	
Beryllium	0.16 or SB / 0-1.75	mg/kg	0.45		0.33		0.2		0.12	U	0.11	U	0.21		0.11	J
Cadmium	1 or SB / 0.1-1	mg/kg	1.98		1.65		1.17		0.047	U	0.045	U	1.66		0.68	
Calcium	SB / 130-35000	mg/kg	662		2350		581		626		491		723		376	
Chromium	10 or SB / 1.5-40	mg/kg	17.5		11.2		8.57		0.059	U	0.056	U	8.82		3.39	
Cobalt	30 or SB / 2.5-60	mg/kg	7.79		5.15		3.99		0.035	U	0.034	U	3.62		2.84	
Copper	25 or SB / 1-50	mg/kg	13.5		15		15.4		0.11	U	0.1	U	9.88		6.16	
Iron	2000 or SB / 2000-550000	mg/kg	15800		12800		9580		15600		14900		13900		5880	
Lead	SB / 200-500	mg/kg	1.7		42		2.13		0.15	U	0.15	U	1.25		4.19	
Magnesium	SB / 100-5000	mg/kg	3100		1770		1240		2140		2360		1080		580	
Manganese	SB / 50-5000	mg/kg	128		162		160		304		256		86.7		58.4	
Mercury	0.1 / 0.001-0.2	mg/kg	0.0093	U	0.011	U	0.01	U	0.033		0.03		0.0091	U	0.01	U
Nickel	13 or SB / 0.5-25	mg/kg	14.9		10.8		11.3		0.12	U	0.11	U	11.8		5.98	
Potassium	SB / 8500-43000	mg/kg	5080		308		1120		12600		24000		935		289	
Selenium	2 or SB / 0.1-3.9	mg/kg	0.19	U	0.22	U	0.21	U	0.21	U	0.2	U	0.19	U	0.21	U
Silver	SB / NA	mg/kg	0.33		0.23	U	0.22	U	0.22	U	0.21	U	0.2	U	0.22	U
Sodium	SB / 6000-8000	mg/kg	451		310		274		151		83.7	J	180		102	J
Thallium	SB / NA	mg/kg	0.19	U	0.22	U	0.21	U	0.21	U	0.2	U	0.19	U	0.59	
Vanadium	150 or SB / 1-300	mg/kg	24.4		16		11.7		0.035	U	0.034	U	10.3		4.85	
Zinc	20 or SB / 9-50	mg/kg	34.5		51.1		12.8		1.18	U	1.12	U	11.1		7.51	
Total Rec.Petr. Hydrocarbons		mg/kg														
Cyanide		mg/kg	0.006	U	0.24		0.28	U	0.074	J	0.006	U	0.066	J	0.27	U
% Solids		%	94.2		83		86.3		84.9		89.2		96.2		86.2	

TABLE 3
SUMMARY OF SOIL SAMPLE RESULTS
FARRINGTON STREET SITE

Client Sample ID:			01-02440-025		01-02440-026		01-02440-027		01-02440-028		01-02440-005		01-02440-006		01-02440-007	
Laboratory ID:			K2667-8		K2667-9		K2667-10		K2667-11		K2664-5		K2664-6		K2664-7	
Sample Location:	TAGM 4046 (1/94)		GT2-SB1		GT2-SB1		GT2-SB1		GT2-SB1		TP1-SB1		TP1-SB1		TP1-SB1	
Sample Depth:	Soil Cleanup		2' - 4'		16' - 17'		17' - 18'		39' - 40'		4' - 5'		9' - 10'		17' - 18'	
Matrix:	Objectives /		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Validated:	Eastern USA		No		No		No		No		No		No		No	
Sampling Date:	Background		03/09/2001		03/09/2001		03/09/2001		03/09/2001		3/8/01		3/8/01		3/8/01	
Analyte:		Units:														
PCBs																
PCB 1016	1000	µg/kg	2.34	U	2.19	U	2.36	U	2.28	U	2.27	U	2.34	U	2.33	U
PCB 1221	1000	µg/kg	11	U	10.3	U	11.1	U	10.8	U	10.7	U	11	U	10.9	U
PCB 1232	1000	µg/kg	2.45	U	2.29	U	2.46	U	2.39	U	2.37	U	2.45	U	2.43	U
PCB 1242	1000	µg/kg	1.84	U	1.72	U	1.85	U	1.79	U	1.78	U	1.84	U	1.82	U
PCB 1248	1000	µg/kg	4.13	U	3.87	U	4.16	U	4.03	U	4.01	U	4.14	U	4.1	U
PCB 1254	1000	µg/kg	6.26	U	5.86	U	6.29	U	6.1	U	6.08	U	6.26	U	6.21	U
PCB 1260	1000	µg/kg	7.19	U	6.73	U	7.23	U	7.01	U	6.98	U	7.2	U	7.14	U
Volatiles																
Chloromethane	NA *	µg/kg	0.9	U	4.2	U	4.5	U	0.87	U	0.87	U	0.9	U	0.89	U
Bromomethane	NA *	µg/kg	0.91	U	4.25	U	4.56	U	0.88	U	0.88	U	0.91	U	0.9	U
Vinyl Chloride	200	µg/kg	1.08	U	5.06	U	5.42	U	1.05	U	1.04	U	1.08	U	1.07	U
Chloroethane	1900	µg/kg	0.95	U	4.47	U	4.79	U	0.93	U	0.92	U	0.95	U	0.95	U
Methylene Chloride	100	µg/kg	16.6	B	5.22	U	5.6	U	1.3	B	1.6		2.2	B	1.11	U
Acetone	200	µg/kg	64.8	B	86.3	B	70.6	B	2.6	U	15.7	B	4.6	B	9.8	B
Carbon disulfide	2700	µg/kg	0.83	U	3.87	U	13.2		0.81	U	0.8	U	0.83	U	0.82	U
1,1-Dichloroethene	400	µg/kg	0.76	U	3.55	U	3.81	U	0.74	U	0.73	U	0.76	U	0.75	U
1,1-Dichloroethane	200	µg/kg	0.68	U	3.17	U	3.4	U	0.66	U	0.65	U	0.68	U	0.67	U
t-1,2-Dichloroethene	300	µg/kg	0.39	U	1.83	U	1.96	U	0.38	U	0.38	U	0.39	U	0.39	U
c-1,2-Dichloroethene	300	µg/kg	0.83	U	3.87	U	4.15	U	0.81	U	0.8	U	0.83	U	0.82	U
Chloroform	300	µg/kg	0.77	U	3.6	U	3.87	U	0.75	U	0.74	U	0.77	U	0.76	U
1,2-Dichloroethane	100	µg/kg	0.53	U	2.47	U	2.65	U	0.52	U	0.51	U	0.53	U	0.52	U
2-Butanone	300	µg/kg	1.07	U	5	U	5.37	U	1.04	U	1.03	U	1.07	U	1.06	U
1,1,1-Trichloroethane	800	µg/kg	0.82	U	3.82	U	4.1	U	0.8	U	0.79	U	0.82	U	0.81	U
Carbon Tetrachloride	600	µg/kg	0.86	U	4.03	U	4.33	U	0.84	U	0.83	U	0.86	U	0.86	U
Bromodichloromethane	NA *	µg/kg	0.78	U	3.66	U	3.92	U	0.76	U	0.75	U	0.78	U	0.78	U
1,2-Dichloropropane	NA *	µg/kg	0.74	U	3.44	U	3.69	U	0.72	U	0.71	U	0.74	U	0.73	U
cis-1,3-Dichloropropene	300	µg/kg	0.72	U	3.39	U	3.64	U	0.71	U	0.7	U	0.72	U	0.72	U
Trichloroethene	700	µg/kg	0.86	U	4.03	U	4.33	U	0.84	U	0.83	U	0.86	U	0.86	U
Dibromochloromethane	NA *	µg/kg	0.63	U	2.96	U	3.17	U	0.62	U	0.61	U	0.63	U	0.63	U
1,1,2-Trichloroethane	NA *	µg/kg	0.67	U	3.12	U	3.35	U	0.65	U	0.64	U	0.67	U	0.66	U
Benzene	60	µg/kg	35		4.5		0.75	U	0.15	U	0.14	U	0.15	U	0.15	U
trans-1,3-Dichloropropene	300	µg/kg	0.64	U	3.01	U	3.23	U	0.63	U	0.62	U	0.64	U	0.64	U
Bromoform	NA *	µg/kg	0.39	U	1.83	U	1.96	U	0.38	U	0.38	U	0.39	U	0.39	U
4-Methyl-2-pentanone	1000	µg/kg	1.98	U	9.25	U	9.92	U	1.93	U	1.91	U	1.98	U	1.96	U
2-Hexanone	NA *	µg/kg	1.61	U	7.53	U	8.08	U	1.57	U	1.55	U	1.61	U	1.6	U
Tetrachloroethene	1400	µg/kg	10.7		3.39	U	3.64	U	0.71	U	2.4		0.72	U	0.72	U
Toluene	1500	µg/kg	125		7.1		10.1		1.7		4.9		1.7		1.8	
1,1,2,2-Tetrachloroethane	600	µg/kg	0.68	U	3.17	U	3.4	U	0.66	U	0.65	U	0.68	U	0.67	U
Chlorobenzene	1700	µg/kg	0.31	U	1.45	U	1.56	U	0.3	U	0.3	U	0.31	U	0.31	U
Ethylbenzene	5500	µg/kg	56		5.2		376		0.1	U	4.4		0.1	U	0.1	U
Styrene	NA *	µg/kg	50.4		3.87	U	12.8		0.81	U	0.8	U	3.5		1.7	
m,p-xylene	1200	µg/kg	101		309		190		0.18	U	9.4		1.3		1.1	
o-xylene	1200	µg/kg	46.1		222		243		0.13	U	4.1		0.14	U	0.14	U
Total BTEX			**363.1**		**547.8**		**819.1**		**1.7**		**22.8**		**3**		**2.9**	
Semi-Volatiles																
Phenol	30	µg/kg	570	U	534	U	22.9	U	36.4	U	109	U	37.4	U	37.1	U
bis(2-Chloroethyl)ether	NA *	µg/kg	739	U	692	U	29.7	U	35.1	U	105	U	36	U	35.7	U
2-Chlorophenol	800	µg/kg	694	U	650	U	27.9	U	35.8	U	107	U	36.7	U	36.4	U
1,3-Dichlorobenzene	1600	µg/kg	757	U	709	U	30.4	U	38.2	U	114	U	39.2	U	38.9	U
1,4-Dichlorobenzene	8500	µg/kg	720	U	674	U	28.9	U	37.2	U	111	U	38.2	U	37.9	U
1,2-Dichlorobenzene	7900	µg/kg	811	U	760	U	32.6	U	37.6	U	112	U	38.5	U	38.2	U
2-Methylphenol	100	µg/kg	727	U	681	U	29.3	U	31	U	92.6	U	31.8	U	31.6	U
bis(2-Chloroisopropyl)ether	NA *	µg/kg	767	U	719	U	30.9	U	40.5	U	121	U	41.5	U	41.2	U
3+4-Methylphenol	NA *	µg/kg	728	U	682	U	29.3	U	30	U	89.6	U	30.8	U	30.6	U
N-Nitrosodi-n-propylamine	NA *	µg/kg	671	U	628	U	27	U	36.5	U	109	U	37.4	U	37.1	U
Hexachloroethane	NA *	µg/kg	645	U	604	U	25.9	U	38.4	U	115	U	39.5	U	39.2	U
Nitrobenzene	200	µg/kg	802	U	751	U	32.3	U	42.1	U	126	U	43.2	U	42.9	U
Isophorone	4400	µg/kg	653	U	612	U	26.3	U	38.5	U	115	U	39.5	U	39.2	U
2-Nitrophenol	330	µg/kg	609	U	570	U	24.5	U	29.3	U	87.4	U	30	U	29.8	U
2,4-Dimethylphenol	NA *	µg/kg	569	U	533	U	22.9	U	17.7	U	52.8	U	18.2	U	18	U
bis(2-Chloroethoxy)methane	NA *	µg/kg	747	U	700	U	30.1	U	35.4	U	106	U	36.3	U	36	U
2,4-Dichlorophenol	400	µg/kg	673	U	630	U	27.1	U	30.6	U	91.5	U	31.5	U	31.2	U
1,2,4-Trichlorobenzene	NA *	µg/kg	820	U	768	U	33	U	37.1	U	111	U	38.1	U	37.8	U
4-Chloroaniline	220	µg/kg	407	U	381	U	16.4	U	38.6	U	115	U	39.6	U	39.3	U
Hexachlorobutadiene	NA *	µg/kg	767	U	719	U	30.9	U	37.2	U	111	U	38.2	U	37.9	U
4-Chloro-3-methylphenol	240	µg/kg	789	U	739	U	31.8	U	29.9	U	89.4	U	30.7	U	30.5	U
Hexachlorocyclopentadiene	NA *	µg/kg	340	U	318	U	13.7	U	31.1	U	92.9	U	31.9	U	31.7	U
2,4,6-Trichlorophenol	NA *	µg/kg	676	U	633	U	27.2	U	29.6	U	88.3	U	30.3	U	30.1	U
2,4,5-Trichlorophenol	100	µg/kg	602	U	564	U	24.2	U	28.5	U	85.1	U	29.2	U	29	U
2-Chloronaphthalene	NA *	µg/kg	785	U	735	U	31.6	U	34.1	U	102	U	35	U	34.7	U
2-Nitroaniline	430	µg/kg	589	U	552	U	23.7	U	26.8	U	80	U	27.5	U	27.3	U
Dimethylphthalate	2000	µg/kg	784	U	734	U	31.5	U	32.6	U	97.4	U	33.5	U	33.2	U
2,6-Dinitrotoluene	1000	µg/kg	582	U	545	U	23.4	U	30.1	U	90	U	30.9	U	30.7	U
3-Nitroaniline	500	µg/kg	375	U	351	U	15.1	U	28.8	U	86	U	29.5	U	29.3	U
2,4-Dinitrophenol	200	µg/kg	556	U	521	U	22.4	U	34.2	U	102	U	35.1	U	34.9	U

TABLE 3
SUMMARY OF SOIL SAMPLE RESULTS
FARRINGTON STREET SITE

Client Sample ID:			01-02440-025		01-02440-026		01-02440-027		01-02440-028		01-02440-005		01-02440-006		01-02440-007	
Laboratory ID:			K2667-8		K2667-9		K2667-10		K2667-11		K2664-5		K2664-6		K2664-7	
Sample Location:	TAGM 4046 (1/94)		GT2-SB1		GT2-SB1		GT2-SB1		GT2-SB1		TP1-SB1		TP1-SB1		TP1-SB1	
Sample Depth:	Soil Cleanup		2' - 4'		16' - 17'		17' - 18'		39' - 40'		4' - 5'		9' - 10'		17' - 18'	
Matrix:	Objectives /		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Validated:	Eastern USA		No		No		No		No		No		No		No	
Sampling Date:	Background		03/09/2001		03/09/2001		03/09/2001		03/09/2001		3/8/01		3/8/01		3/8/01	
Analyte:		Units:														
4-Nitrophenol	100	µg/kg	1250	U	1170	U	50.2	U	22.2	U	66.4	U	22.8	U	22.7	U
Dibenzofuran	6200	µg/kg	3520		4060		377		32.6	U	45.7	J	33.4	U	33.1	U
2,4-Dinitrotoluene	NA *	µg/kg	532	U	498	U	21.4	U	28.6	U	85.4	U	29.3	U	29.1	U
Diethylphthalate	7100	µg/kg	515	U	482	U	12.3	J	11.9	J	62.5	U	21.5	U	21.3	U
4-Chlorophenyl phenyl ether	NA *	µg/kg	927	U	868	U	37.3	U	33.2	U	99.1	U	34.1	U	33.8	U
4-Nitroaniline	NA *	µg/kg	432	U	405	U	17.4	U	25.2	U	75.1	U	25.8	U	25.6	U
4,6-Dinitro-2-methylphenol	NA *	µg/kg	730	U	684	U	29.4	U	31.7	U	94.6	U	32.5	U	32.3	U
N-Nitrosodiphenylamine	NA *	µg/kg	768	U	720	U	30.9	U	29.9	U	89.3	U	30.7	U	30.4	U
4-Bromophenyl phenyl ether	NA *	µg/kg	700	U	656	U	28.2	U	30.3	U	90.4	U	31.1	U	30.8	U
Hexachlorobenzene	410	µg/kg	687	U	643	U	27.6	U	33.2	U	99.2	U	34.1	U	33.8	U
Pentachlorophenol	1000	µg/kg	467	U	437	U	18.8	U	22.5	U	67.2	U	23.1	U	22.9	U
Carbazole	NA *	µg/kg	727		1110		76.6		74.9	U	284		76.8	U	76.2	U
Di-n-butylphthalate	8100	µg/kg	2070	U	1940	U	35	J	45.9	J	159	J	43.7	J	43.3	J
Butylbenzylphthalate	50000	µg/kg	457	U	428	U	18.4	U	22.3	U	66.7	U	22.9	U	22.7	U
3,3'-Dichlorobenzidine	NA *	µg/kg	792	U	742	U	31.9	U	72.4	U	216	U	74.3	U	73.7	U
bis(2-Ethylhexyl)phthalate	50000	µg/kg	3110	U	2910	U	137		178		323	J	105	J	101	J
Di-n-octylphthalate	50000	µg/kg	589	U	552	U	23.7	U	20.1	U	60	U	20.6	U	20.4	U
Non Carcinogenic PAHs																
Acenaphthene	50000*	µg/kg	3140		33500		2100		32.2	U	96.2	U	33.1	U	32.8	U
Acenaphthylene	41000	µg/kg	18600		9090		975		8.2	J	10600		110		147	
Anthracene	50000*	µg/kg	12000		16900		1950		10.5	J	3910		139		57.4	
Benzo(g,h,i)perylene	50000*	µg/kg	5170		2460		255		14.6	U	1800		12.6	J	38.4	
Fluoranthene	50000*	µg/kg	17500		21600		2130		17.2	J	2280		202		105	
Fluorene	50000*	µg/kg	17500		32800		3370		9.7	J	508		21.8	J	8.7	J
2-Methylnaphthalene	36400	µg/kg	46800		147000		1020		7.8	J	284		30.9	U	30.6	U
Naphthalene	13000	µg/kg	26200		87800		1470		35.3	U	191		36.2	U	35.9	U
Phenanthrene	50000*	µg/kg	40900		77600		9730		40.7		2690		142		59.3	
Pyrene	50000*	µg/kg	33400		31800		3520		26.5		3500		328		203	
Total Non Carcinogenic PAHs			221210		460550		26520		120.6		25763		955.4		618.8	
Probable Carcinogenic PAHs																
Benzo(a)anthracene	224 or MDL	µg/kg	11700		11100		1140		9	J	2120		130		93.9	
Benzo(b)fluoranthene	1100	µg/kg	6870		4230		525		15.7	U	4220		72		63.9	
Benzo(k)fluoranthene	1100	µg/kg	5910		3060		279		23.5	U	3730		89.7		76.8	
Benzo(a)pyrene	61 or MDL	µg/kg	11700		6250		674		17.5	U	8110		130		133	
Chrysene	400	µg/kg	12100		10400		1020		9.3	J	2800		146		98.8	
Indeno(1,2,3-cd)pyrene	3200	µg/kg	4120		2270		212		15.3	U	1820		31.4		13.3	J
Dibenz(a,h)anthracene	14 or MDL	µg/kg	928		475	J	35		15.3	U	660		15.7	U	15.6	U
Total Probable Carcinogenic PAHs			53328		37785		3885		18.3		23460		599.1		479.7	
Total PAHs			**274538**		**498335**		**30405**		**138.9**		**49223**		**1554.5**		**1098.5**	
Metals																
Aluminum	SB / 33000	mg/kg	2920		1570		1140		1300		7020		7710		2460	
Antimony	SB / NA	mg/kg	0.55	U	0.68		0.26	J	0.3	U	0.56		0.81		0.68	
Arsenic	7.5 or SB / 3-12	mg/kg	0.61		0.18	U	0.07	J	0.2	U	0.39		0.28	U	0.27	U
Barium	300 or SB / 15-600	mg/kg	10.6		14.3		10.2		13.7		36.6		76.9		31.7	
Beryllium	0.16 or SB / 0-1.75	mg/kg	0.11	U	0.12		0.052	J	0.059	U	0.067	U	0.069	U	0.068	U
Cadmium	1 or SB / 0.1-1	mg/kg	0.043	U	0.021	U	0.023	U	0.024	U	0.056	J	0.069	U	0.068	U
Calcium	SB / 130-35000	mg/kg	822		4840		453		240		1410		862		690	
Chromium	10 or SB / 1.5-40	mg/kg	5.29		4.81		3.97		14.1		12.5		21.5		8.55	
Cobalt	30 or SB / 2.5-60	mg/kg	2.05		1.69		1.83		2.06		7.97		11.4		3.82	
Copper	25 or SB / 1-50	mg/kg	4.26		5.56		4.77		9.02		14.9		24.3		9.18	
Iron	2000 or SB / 2000-550000	mg/kg	6380		4200		3000		5550		8860		12100		7750	
Lead	SB / 200-500	mg/kg	4.54		5.85		1.16		0.088		19.1		8.05		2.96	
Magnesium	SB / 100-5000	mg/kg	656		673		570		585		2190		2560		1130	
Manganese	SB / 50-5000	mg/kg	48.9		34.2		26.3		32		122		131		79.2	
Mercury	0.1 / 0.001-0.2	mg/kg	0.025		0.004	J	0.005	J	0.006	J	0.015		0.004	J	0.0004	J
Nickel	13 or SB / 0.5-25	mg/kg	4.15		4.16		7.45		4.3		11.8		22.1		14.6	
Potassium	SB / 8500-43000	mg/kg	297		752		349		653		218		1130		202	
Selenium	2 or SB / 0.1-3.9	mg/kg	0.19	U	0.096	U	0.1	U	0.11	U	0.26	U	0.27	U	0.27	U
Silver	SB / NA	mg/kg	0.065	J	4.33		3.31		3.08		0.084	U	0.086	U	0.086	U
Sodium	SB / 6000-8000	mg/kg	277		38.9	J	66.4		31.2	J	47.3		79.3		35.2	
Thallium	SB / NA	mg/kg	0.19	U	0.096	U	0.1	U	0.11	U	0.22	U	0.22	U	0.22	U
Vanadium	150 or SB / 1-300	mg/kg	7.43		6.62		4.64		6.97		17.8		26.9		8.66	
Zinc	20 or SB / 9-50	mg/kg	142		20.1		7.88		7.83		41.2		39		17.9	
Total Rec.Petr. Hydrocarbons		mg/kg														
Cyanide		mg/kg	0.3	U	0.16	J	0.13	J	0.15	J	0.29	U	0.28	U	0.26	U
% Solids		%	87.1		93		86.6		89.3		89.7		87		87.7	

TABLE 3
SUMMARY OF SOIL SAMPLE RESULTS
FARRINGTON STREET SITE

Client Sample ID:			01-02440-008		01-02440-009		01-02440-010		01-02440-011		01-02440-012		01-02440-013		01-02440-014	
Laboratory ID:			K2664-8		K2664-9		K2664-10		K2664-11		K2664-12		K2664-13		K2664-14	
Sample Location:	TAGM 4046 (1/94)		TP1-SB1		TP1-SB2		TP1-SB2		TP1-SB2		TP1-SB2		TP1-SB2		TP1-SB3	
Sample Depth:	Soil Cleanup		24' - 25'		2' - 4'		15' - 16'		25' - 26'		31' - 32'		32' - 33'		2' - 4'	
Matrix:	Objectives /		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Validated:	Eastern USA		No		No		No		No		No		No		No	
Sampling Date:	Background		3/8/01		3/8/01		3/8/01		3/8/01		3/8/01		3/8/01		3/8/01	
Analyte:		Units:														
PCBs																
PCB 1016	1000	µg/kg	2.47	U	2.29	U	2.19	U	2.68	U	2.4	U	2.27	U	2.47	U
PCB 1221	1000	µg/kg	11.6	U	10.8	U	10.3	U	12.6	U	11.3	U	10.7	U	11.6	U
PCB 1232	1000	µg/kg	2.58	U	2.4	U	2.29	U	2.8	U	2.5	U	2.37	U	2.58	U
PCB 1242	1000	µg/kg	1.93	U	1.8	U	1.72	U	2.1	U	1.88	U	1.78	U	1.94	U
PCB 1248	1000	µg/kg	4.35	U	4.05	U	3.86	U	4.72	U	4.23	U	4	U	4.36	U
PCB 1254	1000	µg/kg	6.59	U	6.13	U	5.85	U	7.15	U	6.4	U	6.06	U	6.61	U
PCB 1260	1000	µg/kg	7.57	U	27.1		6.72	U	8.22	U	7.36	U	6.96	U	7.59	U
Volatiles																
Chloromethane	NA *	µg/kg	0.94	U	0.87	U	1.68	U	5.12	U	4.59	U	4.34	U	0.94	U
Bromomethane	NA *	µg/kg	0.96	U	0.88	U	1.7	U	5.18	U	4.65	U	4.39	U	0.96	U
Vinyl Chloride	200	µg/kg	1.14	U	1.05	U	2.02	U	6.17	U	5.53	U	5.23	U	1.14	U
Chloroethane	1900	µg/kg	1	U	0.93	U	1.78	U	5.44	U	4.88	U	4.61	U	1	U
Methylene Chloride	100	µg/kg	1.6		2.4		3.2		21.2	B	24.6	B	21.5	B	6.1	B
Acetone	200	µg/kg	14.6	B	11.1	B	54.2	B	74	B	124	B	12.9	U	9.1	B
Carbon disulfide	2700	µg/kg	0.87	U	0.81	U	5.8		4.72	U	4.23	U	4	U	0.87	U
1,1-Dichloroethene	400	µg/kg	0.8	U	0.74	U	1.42	U	4.33	U	3.88	U	3.67	U	0.8	U
1,1-Dichloroethane	200	µg/kg	0.71	U	0.66	U	1.27	U	3.87	U	3.47	U	3.28	U	0.71	U
t-1,2-Dichloroethene	300	µg/kg	0.41	U	0.38	U	0.73	U	2.23	U	2	U	1.89	U	0.41	U
c-1,2-Dichloroethene	300	µg/kg	0.87	U	0.81	U	1.55	U	4.72	U	4.23	U	4	U	0.87	U
Chloroform	300	µg/kg	0.81	U	0.75	U	1.44	U	4.4	U	3.94	U	3.73	U	0.81	U
1,2-Dichloroethane	100	µg/kg	0.56	U	0.52	U	0.99	U	3.02	U	2.7	U	2.56	U	0.56	U
2-Butanone	300	µg/kg	1.13	U	1.04	U	2	U	6.1	U	5.47	U	5.17	U	1.13	U
1,1,1-Trichloroethane	800	µg/kg	0.86	U	0.8	U	1.53	U	4.66	U	4.17	U	3.95	U	0.86	U
Carbon Tetrachloride	600	µg/kg	0.91	U	0.84	U	1.61	U	4.92	U	4.41	U	4.17	U	0.91	U
Bromodichloromethane	NA *	µg/kg	0.82	U	0.76	U	1.46	U	4.46	U	4	U	3.78	U	0.82	U
1,2-Dichloropropane	NA *	µg/kg	0.77	U	0.72	U	1.38	U	4.2	U	3.76	U	3.56	U	0.77	U
cis-1,3-Dichloropropene	300	µg/kg	0.76	U	0.71	U	1.35	U	4.13	U	3.7	U	3.5	U	0.76	U
Trichloroethene	700	µg/kg	0.91	U	0.84	U	1.61	U	5.8		4.41	U	4.17	U	0.91	U
Dibromochloromethane	NA *	µg/kg	0.67	U	0.62	U	1.18	U	3.61	U	3.23	U	3.06	U	0.67	U
1,1,2-Trichloroethane	NA *	µg/kg	0.7	U	0.65	U	1.25	U	3.8	U	3.41	U	3.22	U	0.7	U
Benzene	60	µg/kg	0.16	U	0.15	U	0.28	U	0.85	U	0.76	U	0.72	U	0.16	U
trans-1,3-Dichloropropene	300	µg/kg	0.68	U	0.63	U	1.2	U	3.67	U	3.29	U	3.11	U	0.68	U
Bromoform	NA *	µg/kg	0.41	U	0.38	U	0.73	U	2.23	U	2	U	1.89	U	0.41	U
4-Methyl-2-pentanone	1000	µg/kg	2.08	U	1.93	U	3.7	U	11.3	U	10.1	U	9.56	U	2.08	U
2-Hexanone	NA *	µg/kg	1.69	U	1.57	U	3.01	U	9.18	U	8.23	U	7.78	U	1.69	U
Tetrachloroethene	1400	µg/kg	0.76	U	10.8		178		2210		79.3		8		0.76	U
Toluene	1500	µg/kg	1.4		2.3		15.1		27		32.5		21.6		8.5	
1,1,2,2-Tetrachloroethane	600	µg/kg	0.71	U	0.66	U	1.27	U	3.87	U	3.47	U	3.28	U	0.71	U
Chlorobenzene	1700	µg/kg	0.33	U	0.3	U	0.58	U	1.77	U	1.59	U	1.5	U	0.33	U
Ethylbenzene	5500	µg/kg	0.11	U	0.93		102		0.59	U	653		0.5	U	0.11	U
Styrene	NA *	µg/kg	0.87	U	0.81	U	5.1		4.72	U	5		4	U	0.87	U
m,p-xylene	1200	µg/kg	0.19	U	1.4		118		15		81.7		0.89	U	2.6	
o-xylene	1200	µg/kg	0.15	U	1		116		8.7		271		0.67	U	0.15	U
Total BTEX			**1.4**		**4.7**		**351.1**		**50.7**		**1038.2**		**21.6**		**11.1**	
Semi-Volatiles																
Phenol	30	µg/kg	39.3	U	110	U	640	U	1280	U	700	U	36.2	U	39.4	U
bis(2-Chloroethyl)ether	NA *	µg/kg	37.9	U	106	U	828	U	1230	U	907	U	34.8	U	37.9	U
2-Chlorophenol	800	µg/kg	38.6	U	108	U	778	U	1260	U	852	U	35.5	U	38.7	U
1,3-Dichlorobenzene	1600	µg/kg	41.3	U	115	U	849	U	1340	U	930	U	38	U	41.4	U
1,4-Dichlorobenzene	8500	µg/kg	40.1	U	112	U	807	U	1310	U	884	U	36.9	U	40.2	U
1,2-Dichlorobenzene	7900	µg/kg	40.6	U	113	U	910	U	1320	U	996	U	37.3	U	40.6	U
2-Methylphenol	100	µg/kg	33.5	U	93.5	U	815	U	1090	U	893	U	30.8	U	33.6	U
bis(2-Chloroisopropyl)ether	NA *	µg/kg	43.7	U	122	U	861	U	1420	U	942	U	40.2	U	43.8	U
3+4-Methylphenol	NA *	µg/kg	32.4	U	90.4	U	817	U	1060	U	894	U	29.8	U	32.5	U
N-Nitrosodi-n-propylamine	NA *	µg/kg	39.4	U	110	U	752	U	1280	U	824	U	36.2	U	39.5	U
Hexachloroethane	NA *	µg/kg	41.5	U	116	U	723	U	1350	U	792	U	38.2	U	41.6	U
Nitrobenzene	200	µg/kg	45.5	U	127	U	899	U	1480	U	985	U	41.8	U	45.6	U
Isophorone	4400	µg/kg	41.6	U	116	U	733	U	1350	U	803	U	38.2	U	41.7	U
2-Nitrophenol	330	µg/kg	31.6	U	88.2	U	682	U	1030	U	747	U	29.1	U	31.7	U
2,4-Dimethylphenol	NA *	µg/kg	19.1	U	53.3	U	638	U	622	U	699	U	17.6	U	19.1	U
bis(2-Chloroethoxy)methane	NA *	µg/kg	38.2	U	107	U	838	U	1240	U	918	U	35.1	U	38.3	U
2,4-Dichlorophenol	400	µg/kg	33.1	U	92.4	U	754	U	1080	U	826	U	30.4	U	33.2	U
1,2,4-Trichlorobenzene	NA *	µg/kg	40.1	U	112	U	920	U	1300	U	1010	U	36.9	U	40.2	U
4-Chloroaniline	220	µg/kg	41.7	U	116	U	456	U	1360	U	499	U	38.3	U	41.8	U
Hexachlorobutadiene	NA *	µg/kg	40.1	U	112	U	861	U	1310	U	942	U	36.9	U	40.2	U
4-Chloro-3-methylphenol	240	µg/kg	32.3	U	90.2	U	885	U	1050	U	969	U	29.7	U	32.4	U
Hexachlorocyclopentadiene	NA *	µg/kg	33.6	U	93.7	U	381	U	1090	U	417	U	30.9	U	33.7	U
2,4,6-Trichlorophenol	NA *	µg/kg	31.9	U	89.1	U	758	U	1040	U	830	U	29.4	U	32	U
2,4,5-Trichlorophenol	100	µg/kg	30.8	U	85.8	U	675	U	1000	U	739	U	28.3	U	30.8	U
2-Chloronaphthalene	NA *	µg/kg	36.8	U	103	U	880	U	1200	U	964	U	33.9	U	36.9	U
2-Nitroaniline	430	µg/kg	28.9	U	80.8	U	661	U	942	U	724	U	26.6	U	29	U
Dimethylphthalate	2000	µg/kg	35.2	U	98.3	U	879	U	1150	U	962	U	32.4	U	35.3	U
2,6-Dinitrotoluene	1000	µg/kg	32.5	U	90.8	U	652	U	1060	U	714	U	29.9	U	32.6	U
3-Nitroaniline	500	µg/kg	31.1	U	86.7	U	421	U	1010	U	461	U	28.6	U	31.1	U
2,4-Dinitrophenol	200	µg/kg	37	U	103	U	623	U	1200	U	683	U	34	U	37	U

TABLE 3
SUMMARY OF SOIL SAMPLE RESULTS
FARRINGTON STREET SITE

Client Sample ID:			01-02440-008		01-02440-009		01-02440-010		01-02440-011		01-02440-012		01-02440-013		01-02440-014	
Laboratory ID:			K2664-8		K2664-9		K2664-10		K2664-11		K2664-12		K2664-13		K2664-14	
Sample Location:	TAGM 4046 (1/94)		TP1-SB1		TP1-SB2		TP1-SB2		TP1-SB2		TP1-SB2		TP1-SB2		TP1-SB3	
Sample Depth:	Soil Cleanup		24' - 25'		2' - 4'		15' - 16'		25' - 26'		31' - 32'		32' - 33'		2' - 4'	
Matrix:	Objectives /		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Validated:	Eastern USA		No		No		No		No		No		No		No	
Sampling Date:	Background		3/8/01		3/8/01		3/8/01		3/8/01		3/8/01		3/8/01		3/8/01	
Analyte:		Units:														
4-Nitrophenol	100	µg/kg	24	U	67	U	1400	U	782	U	1530	U	22.1	U	24.1	U
Dibenzofuran	6200	µg/kg	35.2	U	34.9	J	1380		3120		991	U	32.3	U	35.2	U
2,4-Dinitrotoluene	NA *	µg/kg	30.9	U	86.2	U	597	U	1010	U	653	U	28.4	U	30.9	U
Diethylphthalate	7100	µg/kg	22.6	U	63.1	U	577	U	736	U	632	U	20.8	U	22.7	U
4-Chlorophenyl phenyl ether	NA *	µg/kg	35.8	U	100	U	1040	U	1170	U	1140	U	33	U	35.9	U
4-Nitroaniline	NA *	µg/kg	27.2	U	75.8	U	485	U	884	U	531	U	25	U	27.2	U
4,6-Dinitro-2-methylphenol	NA *	µg/kg	34.2	U	95.5	U	819	U	1110	U	897	U	31.5	U	34.3	U
N-Nitrosodiphenylamine	NA *	µg/kg	32.3	U	90.1	U	862	U	1050	U	944	U	29.7	U	32.4	U
4-Bromophenyl phenyl ether	NA *	µg/kg	32.7	U	91.2	U	785	U	1060	U	860	U	30.1	U	32.8	U
Hexachlorobenzene	410	µg/kg	35.9	U	100	U	770	U	1170	U	844	U	33	U	36	U
Pentachlorophenol	1000	µg/kg	24.3	U	67.8	U	524	U	791	U	573	U	22.4	U	24.4	U
Carbazole	NA *	µg/kg	80.9	U	208	J	613	U	774	J	671	U	74.4	U	81	U
Di-n-butylphthalate	8100	µg/kg	46.8	J	119	J	2320	U	2570	U	2540	U	31.1	J	36.4	J
Butylbenzylphthalate	50000	µg/kg	24.1	U	28.1	J	513	U	785	U	562	U	22.2	U	24.2	U
3,3'-Dichlorobenzidine	NA *	µg/kg	78.2	U	218	U	888	U	2540	U	973	U	71.9	U	78.3	U
bis(2-Ethylhexyl)phthalate	50000	µg/kg	89.5	J	528		440	J	472	J	940	J	44.9	J	62.2	J
Di-n-octylphthalate	50000	µg/kg	21.7	U	60.5	U	661	U	706	U	724	U	19.9	U	21.7	U
Non Carcinogenic PAHs																
Acenaphthene	50000*	µg/kg	34.8	U	52.9	J	7260		2230		15700		25.6	J	34.9	U
Acenaphthylene	41000	µg/kg	36.8	U	1070		7280		16900		10800		11.1	J	36.9	U
Anthracene	50000*	µg/kg	26.9	U	468		9410		11100		16800		24.1	J	27	U
Benzo(g,h,i)perylene	50000*	µg/kg	15.8	U	776		3090		1440		4140		14.5	U	15.8	U
Fluoranthene	50000*	µg/kg	26.4	U	2980		10600		12700		24300		42.6		11.3	J
Fluorene	50000*	µg/kg	34.2	U	64.1	J	10700		13400		19100		28.6	J	34.3	U
2-Methylnaphthalene	36400	µg/kg	32.5	U	49.5	J	19300		41300		18300		29.9	U	32.6	U
Naphthalene	13000	µg/kg	38.1	U	68.6	J	18600		22400		10800		35	U	38.2	U
Phenanthrene	50000*	µg/kg	29.5	U	1180		30700		45700		58700		129		14.5	J
Pyrene	50000*	µg/kg	26.7	U	3300		18500		20900		43400		73.8		14.1	J
Total Non Carcinogenic PAHs			ND		10009.1		135440		188070		222040		334.8		39.9	
Probable Carcinogenic PAHs																
Benzo(a)anthracene	224 or MDL	µg/kg	24.3	U	1650		5490		5940		12400		21.1	J	24.4	U
Benzo(b)fluoranthene	1100	µg/kg	16.9	U	1750		3360		1850		5640		15.6	U	17	U
Benzo(k)fluoranthene	1100	µg/kg	25.4	U	1720		3730		2580		6340		23.3	U	25.4	U
Benzo(a)pyrene	61 or MDL	µg/kg	18.9	U	2000		7050		4420		11100		14.8	J	18.9	U
Chrysene	400	µg/kg	26	U	1810		5320		5320		11200		21.1	J	26	U
Indeno(1,2,3-cd)pyrene	3200	µg/kg	16.5	U	706		2500		1120		3480		15.2	U	16.5	U
Dibenz(a,h)anthracene	14 or MDL	µg/kg	16.6	U	46.2	U	386	J	539	U	635	J	15.2	U	16.6	U
Total Probable Carcinogenic PAHs			ND		9636		27836		21230		50795		57		ND	
Total PAHs			**ND**		**19645.1**		**163276**		**209300**		**272835**		**391.8**		**39.9**	
Metals																
Aluminum	SB / 33000	mg/kg	2580		4360		3940		9120		3850		5480		9150	
Antimony	SB / NA	mg/kg	0.97		0.84		0.48		1.25		0.18	J	1.11		0.55	
Arsenic	7.5 or SB / 3-12	mg/kg	0.29	U	1.85		0.26	U	0.26	J	0.28	U	0.27	U	1.33	
Barium	300 or SB / 15-600	mg/kg	29		56.2		36		139		35.8		68.4		37.7	
Beryllium	0.16 or SB / 0-1.75	mg/kg	0.073	U	0.067	U	0.064	U	0.079	U	0.071	U	0.067	U	0.073	U
Cadmium	1 or SB / 0.1-1	mg/kg	0.073	U	1.12		0.064	U	0.079	U	0.071	U	0.067	U	0.073	U
Calcium	SB / 130-35000	mg/kg	465		56900		3880		912		1380		2170		444	
Chromium	10 or SB / 1.5-40	mg/kg	16.1		12.3		13.5		35.2		15.1		18.7		16.7	
Cobalt	30 or SB / 2.5-60	mg/kg	4.3		6.91		5.47		14.6		5.76		8.84		7.33	
Copper	25 or SB / 1-50	mg/kg	12.7		27.8		17		20.4		16.2		19.8		13.9	
Iron	2000 or SB / 2000-550000	mg/kg	8410		7640		9430		14200		9000		11300		12100	
Lead	SB / 200-500	mg/kg	2		535		11.2		4.79		6.59		7.9		9.39	
Magnesium	SB / 100-5000	mg/kg	1250		25000		2340		4780		2240		2770		2080	
Manganese	SB / 50-5000	mg/kg	66.7		164		145		363		98.1		308		171	
Mercury	0.1 / 0.001-0.2	mg/kg	0.0025	J	0.22		0.017		0.004	J	0.003	J	0.0002	J	0.012	
Nickel	13 or SB / 0.5-25	mg/kg	9.14		9.22		11.8		33.1		22.6		15		13.8	
Potassium	SB / 8500-43000	mg/kg	398		413		369		3300		402		354		71.7	U
Selenium	2 or SB / 0.1-3.9	mg/kg	0.28	U	0.26	U	0.25	U	0.31	U	0.28	U	0.26	U	0.28	U
Silver	SB / NA	mg/kg	0.091	U	0.084	U	0.08	U	0.098	U	0.088	U	0.083	U	0.091	U
Sodium	SB / 6000-8000	mg/kg	89.5		117		60.1		175		113		139		72	
Thallium	SB / NA	mg/kg	0.24	U	0.22	U	0.21	U	0.26	U	0.23	U	0.22	U	0.24	U
Vanadium	150 or SB / 1-300	mg/kg	9.92		13.1		16.1		33.3		15.1		24.6		26.7	
Zinc	20 or SB / 9-50	mg/kg	14.1		284		23.8		40.2		21.9		32.9		30.5	
Total Rec.Petr. Hydrocarbons		mg/kg														
Cyanide		mg/kg	0.31		0.51		0.27	U	0.11	J	0.11	J	0.28	U	2.18	
% Solids		%	82.7		88.9		93.2		76.2		85.1		89.9		82.5	

TABLE 3
SUMMARY OF SOIL SAMPLE RESULTS
FARRINGTON STREET SITE

Client Sample ID:			01-02440-015		01-02440-016		01-02440-017		01-02440-001		01-02440-002		01-02440-003		01-02440-004	
Laboratory ID:			K2664-15		K2665-1		K2665-2		K2664-1		K2664-2		K2664-3		K2664-4	
Sample Location:	TAGM 4046 (1/94)		TP1-SB3		TP1-SB3		TP1-SB3		TP4-SB1		TP4-SB1		TP4-SB1		TP4-SB1	
Sample Depth:	Soil Cleanup		15' - 16'		25' - 26'		28' - 29'		2' - 4'		10' - 11'		17' - 18'		25' - 26'	
Matrix:	Objectives /		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Validated:	Eastern USA		No		No		No		No		No		No		No	
Sampling Date:	Background		3/8/01		03/08/2001		03/08/2001		3/8/01		3/8/01		3/8/01		3/8/01	
Analyte:		Units:														
PCBs																
PCB 1016	1000	µg/kg	2.33	U	2.6	U	2.68	U	2.47	U	2.36	U	2.45	U	2.59	U
PCB 1221	1000	µg/kg	11	U	12.2	U	12.6	U	11.6	U	11.1	U	11.5	U	12.2	U
PCB 1232	1000	µg/kg	2.44	U	2.71	U	2.8	U	2.58	U	2.47	U	2.56	U	2.7	U
PCB 1242	1000	µg/kg	1.83	U	2.04	U	2.1	U	1.93	U	1.85	U	1.92	U	2.03	U
PCB 1248	1000	µg/kg	4.12	U	4.58	U	4.72	U	4.35	U	4.17	U	4.33	U	4.56	U
PCB 1254	1000	µg/kg	6.24	U	6.93	U	7.15	U	6.59	U	6.32	U	6.55	U	6.91	U
PCB 1260	1000	µg/kg	7.16	U	7.96	U	8.22	U	7.57	U	7.25	U	7.52	U	7.93	U
Volatiles																
Chloromethane	NA *	µg/kg	0.89	U	0.99	U	5.12	U	0.94	U	4.52	U	0.94	U	0.99	U
Bromomethane	NA *	µg/kg	0.9	U	1	U	5.18	U	0.96	U	4.57	U	0.95	U	1	U
Vinyl Chloride	200	µg/kg	1.07	U	1.19	U	6.17	U	1.14	U	5.44	U	1.13	U	1.19	U
Chloroethane	1900	µg/kg	0.95	U	1.05	U	5.44	U	1	U	4.81	U	1	U	1.05	U
Methylene Chloride	100	µg/kg	1.5	B	2.3	B	6.6	B	1.3		12.5	B	1.16	U	2.5	B
Acetone	200	µg/kg	2.64	U	8.3	B	45.3	B	14.6	B	69.7	B	2.78	U	3.9	B
Carbon disulfide	2700	µg/kg	0.82	U	0.91	U	4.72	U	0.87	U	4.17	U	0.86	U	0.91	U
1,1-Dichloroethene	400	µg/kg	0.75	U	0.84	U	4.33	U	0.8	U	3.82	U	0.79	U	0.84	U
1,1-Dichloroethane	200	µg/kg	0.67	U	0.75	U	3.87	U	0.71	U	3.42	U	0.71	U	0.75	U
t-1,2-Dichloroethene	300	µg/kg	0.39	U	0.43	U	2.23	U	0.41	U	1.97	U	0.41	U	0.43	U
c-1,2-Dichloroethene	300	µg/kg	0.82	U	0.91	U	4.72	U	0.87	U	4.17	U	0.86	U	0.91	U
Chloroform	300	µg/kg	0.76	U	0.85	U	4.4	U	0.81	U	3.88	U	0.8	U	0.85	U
1,2-Dichloroethane	100	µg/kg	0.52	U	0.58	U	3.02	U	0.56	U	2.66	U	0.55	U	0.58	U
2-Butanone	300	µg/kg	1.06	U	1.18	U	6.1	U	1.13	U	5.38	U	1.12	U	1.18	U
1,1,1-Trichloroethane	800	µg/kg	0.81	U	0.9	U	4.66	U	0.86	U	4.11	U	0.85	U	0.9	U
Carbon Tetrachloride	600	µg/kg	0.86	U	0.95	U	4.92	U	0.91	U	4.34	U	0.9	U	0.95	U
Bromodichloromethane	NA *	µg/kg	0.78	U	0.86	U	4.46	U	0.82	U	3.94	U	0.82	U	0.86	U
1,2-Dichloropropane	NA *	µg/kg	0.73	U	0.81	U	4.2	U	0.77	U	3.71	U	0.77	U	0.81	U
cis-1,3-Dichloropropene	300	µg/kg	0.72	U	0.8	U	4.13	U	0.76	U	3.65	U	0.76	U	0.8	U
Trichloroethene	700	µg/kg	0.86	U	0.95	U	4.92	U	0.91	U	4.34	U	0.9	U	0.95	U
Dibromochloromethane	NA *	µg/kg	0.63	U	0.7	U	3.61	U	0.67	U	3.18	U	0.66	U	0.7	U
1,1,2-Trichloroethane	NA *	µg/kg	0.66	U	0.74	U	3.8	U	0.7	U	3.36	U	0.7	U	0.74	U
Benzene	60	µg/kg	0.15	U	0.17	U	0.85	U	0.16	U	0.75	U	0.16	U	0.17	U
trans-1,3-Dichloropropene	300	µg/kg	0.64	U	0.71	U	3.67	U	0.68	U	3.24	U	0.67	U	0.71	U
Bromoform	NA *	µg/kg	0.39	U	0.43	U	2.23	U	0.41	U	1.97	U	0.41	U	0.43	U
4-Methyl-2-pentanone	1000	µg/kg	1.96	U	2.18	U	11.3	U	2.08	U	9.96	U	2.06	U	2.18	U
2-Hexanone	NA *	µg/kg	1.6	U	1.78	U	9.18	U	1.69	U	8.11	U	1.68	U	1.78	U
Tetrachloroethene	1400	µg/kg	0.72	U	0.8	U	4.13	U	1.2		3.65	U	0.76	U	0.8	U
Toluene	1500	µg/kg	0.19	U	1.8		7.3		1.5		9.8		0.2	U	1.4	
1,1,2,2-Tetrachloroethane	600	µg/kg	0.67	U	0.75	U	3.87	U	0.71	U	3.42	U	0.71	U	0.75	U
Chlorobenzene	1700	µg/kg	0.31	U	0.34	U	1.77	U	0.33	U	1.56	U	0.32	U	0.34	U
Ethylbenzene	5500	µg/kg	0.1	U	0.11	U	0.59	U	0.11	U	7		0.11	U	0.11	U
Styrene	NA *	µg/kg	0.82	U	0.91	U	4.72	U	0.87	U	4.8		0.86	U	0.91	U
m,p-xylene	1200	µg/kg	0.18	U	0.2	U	1.05	U	0.19	U	16.5		0.19	U	0.2	U
o-xylene	1200	µg/kg	0.14	U	0.15	U	0.79	U	0.15	U	28.6		0.14	U	0.15	U
Total BTEX			**ND**		**1.8**		**7.3**		**1.5**		**61.9**		**ND**		**1.4**	
Semi-Volatiles																
Phenol	30	µg/kg	37.2	U	25.3	U	26.1	U	721	U	691	U	39.1	U	41.2	U
bis(2-Chloroethyl)ether	NA *	µg/kg	35.8	U	32.7	U	33.8	U	934	U	895	U	37.6	U	39.7	U
2-Chlorophenol	800	µg/kg	36.5	U	30.7	U	31.7	U	877	U	840	U	38.4	U	40.5	U
1,3-Dichlorobenzene	1600	µg/kg	39.1	U	33.5	U	34.6	U	956	U	917	U	41	U	43.3	U
1,4-Dichlorobenzene	8500	µg/kg	38	U	31.9	U	32.9	U	909	U	871	U	39.9	U	42.1	U
1,2-Dichlorobenzene	7900	µg/kg	38.4	U	36	U	37.1	U	1030	U	983	U	40.3	U	42.5	U
2-Methylphenol	100	µg/kg	31.7	U	32.2	U	33.2	U	919	U	881	U	33.3	U	35.1	U
bis(2-Chloroisopropyl)ether	NA *	µg/kg	41.3	U	34	U	35.1	U	970	U	929	U	43.4	U	45.8	U
3+4-Methylphenol	NA *	µg/kg	30.7	U	32.3	U	33.3	U	920	U	882	U	32.2	U	34	U
N-Nitrosodi-n-propylamine	NA *	µg/kg	37.3	U	29.7	U	30.7	U	848	U	812	U	39.1	U	41.3	U
Hexachloroethane	NA *	µg/kg	39.3	U	28.6	U	29.5	U	815	U	781	U	41.3	U	43.5	U
Nitrobenzene	200	µg/kg	43	U	35.5	U	36.7	U	1010	U	971	U	45.2	U	47.7	U
Isophorone	4400	µg/kg	39.3	U	29	U	29.9	U	826	U	791	U	41.3	U	43.6	U
2-Nitrophenol	330	µg/kg	29.9	U	27	U	27.8	U	769	U	737	U	31.4	U	33.1	U
2,4-Dimethylphenol	NA *	µg/kg	18.1	U	25.2	U	26	U	719	U	689	U	19	U	20	U
bis(2-Chloroethoxy)methane	NA *	µg/kg	36.1	U	33.1	U	34.2	U	944	U	905	U	37.9	U	40	U
2,4-Dichlorophenol	400	µg/kg	31.3	U	29.8	U	30.7	U	850	U	815	U	32.9	U	34.7	U
1,2,4-Trichlorobenzene	NA *	µg/kg	37.9	U	36.3	U	37.5	U	1040	U	993	U	39.8	U	42	U
4-Chloroaniline	220	µg/kg	39.4	U	18	U	18.6	U	514	U	492	U	41.4	U	43.7	U
Hexachlorobutadiene	NA *	µg/kg	38	U	34	U	35.1	U	970	U	929	U	39.9	U	42.1	U
4-Chloro-3-methylphenol	240	µg/kg	30.6	U	35	U	36.1	U	998	U	956	U	32.1	U	33.9	U
Hexachlorocyclopentadiene	NA *	µg/kg	31.8	U	15.1	U	15.5	U	429	U	411	U	33.4	U	35.2	U
2,4,6-Trichlorophenol	NA *	µg/kg	30.2	U	29.9	U	30.9	U	854	U	818	U	31.7	U	33.5	U
2,4,5-Trichlorophenol	100	µg/kg	29.1	U	26.7	U	27.5	U	761	U	729	U	30.6	U	32.2	U
2-Chloronaphthalene	NA *	µg/kg	34.8	U	34.8	U	35.9	U	992	U	950	U	36.6	U	38.6	U
2-Nitroaniline	430	µg/kg	27.4	U	26.1	U	26.9	U	745	U	714	U	28.8	U	30.3	U
Dimethylphthalate	2000	µg/kg	33.3	U	34.7	U	35.8	U	990	U	949	U	35	U	36.9	U
2,6-Dinitrotoluene	1000	µg/kg	30.8	U	25.8	U	26.6	U	735	U	704	U	32.3	U	34.1	U
3-Nitroaniline	500	µg/kg	29.4	U	16.6	U	17.1	U	474	U	454	U	30.9	U	32.6	U
2,4-Dinitrophenol	200	µg/kg	35	U	24.6	U	25.4	U	703	U	673	U	36.7	U	38.7	U

TABLE 3
SUMMARY OF SOIL SAMPLE RESULTS
FARRINGTON STREET SITE

Client Sample ID:			01-02440-015		01-02440-016		01-02440-017		01-02440-001		01-02440-002		01-02440-003		01-02440-004	
Laboratory ID:			**K2664-15**		**K2665-1**		**K2665-2**		**K2664-1**		**K2664-2**		**K2664-3**		**K2664-4**	
Sample Location:	**TAGM 4046 (1/94)**		**TP1-SB3**		**TP1-SB3**		**TP1-SB3**		**TP4-SB1**		**TP4-SB1**		**TP4-SB1**		**TP4-SB1**	
Sample Depth:	**Soil Cleanup**		**15' - 16'**		**25' - 26'**		**28' - 29'**		**2' - 4'**		**10' - 11'**		**17' - 18'**		**25' - 26'**	
Matrix:	**Objectives /**		**Soil**		**Soil**		**Soil**		**Soil**		**Soil**		**Soil**		**Soil**	
Validated:	**Eastern USA**		**No**		**No**		**No**		**No**		**No**		**No**		**No**	
Sampling Date:	**Background**		**3/8/01**		**03/08/2001**		**03/08/2001**		**3/8/01**		**3/8/01**		**3/8/01**		**3/8/01**	
Analyte:		**Units:**														
4-Nitrophenol	100	µg/kg	22.7	U	55.3	U	57.1	U	1580	U	1510	U	23.9	U	25.2	U
Dibenzofuran	6200	µg/kg	33.3	U	35.8	U	36.9	U	1020	U	2040		34.9	U	36.8	U
2,4-Dinitrotoluene	NA *	µg/kg	29.2	U	23.6	U	24.3	U	672	U	644	U	30.7	U	32.4	U
Diethylphthalate	7100	µg/kg	18.3	J	9.3	J	23.5	U	651	U	623	U	22.5	U	9.7	J
4-Chlorophenyl phenyl ether	NA *	µg/kg	33.9	U	41.1	U	42.4	U	1170	U	1120	U	35.6	U	37.6	U
4-Nitroaniline	NA *	µg/kg	25.7	U	19.2	U	19.8	U	547	U	524	U	27	U	28.5	U
4,6-Dinitro-2-methylphenol	NA *	µg/kg	32.4	U	32.4	U	33.4	U	923	U	884	U	34	U	35.9	U
N-Nitrosodiphenylamine	NA *	µg/kg	30.6	U	34.1	U	35.1	U	971	U	930	U	32.1	U	33.8	U
4-Bromophenyl phenyl ether	NA *	µg/kg	30.9	U	31	U	32	U	885	U	848	U	32.5	U	34.3	U
Hexachlorobenzene	410	µg/kg	33.9	U	30.5	U	31.4	U	868	U	832	U	35.7	U	37.6	U
Pentachlorophenol	1000	µg/kg	23	U	20.7	U	21.3	U	590	U	565	U	24.2	U	25.5	U
Carbazole	NA *	µg/kg	76.5	U	24.2	U	25	U	690	U	394	J	80.4	U	10.1	J
Di-n-butylphthalate	8100	µg/kg	43.1	J	45	J	39.8	J	2610	U	2500	U	26	J	49	J
Butylbenzylphthalate	50000	µg/kg	22.8	U	20.3	U	20.9	U	578	U	554	U	24	U	25.3	U
3,3'-Dichlorobenzidine	NA *	µg/kg	74	U	35.1	U	36.2	U	1000	U	959	U	77.7	U	81.9	U
bis(2-Ethylhexyl)phthalate	50000	µg/kg	147		117	J	95.4	J	3930	U	788	J	47.7	J	80.3	J
Di-n-octylphthalate	50000	µg/kg	20.5	U	26.1	U	26.9	U	745	U	714	U	21.6	U	22.7	U
Non Carcinogenic PAHs																
Acenaphthene	50000*	µg/kg	32.9	U	36.6	U	37.8	U	1040	U	5420		34.6	U	36.5	U
Acenaphthylene	41000	µg/kg	8	J	13.1	J	35	J	10500		15500		36.6	U	11.8	J
Anthracene	50000*	µg/kg	25.5	U	12.7	J	13.1	J	2200		9110		26.8	U	28.2	U
Benzo(g,h,i)perylene	50000*	µg/kg	15	U	22.5	U	23.2	U	6950		4320		15.7	U	16.6	U
Fluoranthene	50000*	µg/kg	19.1	J	17	J	9.2	J	3870		13200		8.8	J	17.3	J
Fluorene	50000*	µg/kg	32.3	U	9.3	J	38.4	U	1100		13600		34	U	35.8	U
2-Methylnaphthalene	36400	µg/kg	30.7	U	29.9	U	30.8	U	852	U	32000		32.3	U	34.1	U
Naphthalene	13000	µg/kg	36	U	35.1	U	36.2	U	1000	U	29700		37.9	U	39.9	U
Phenanthrene	50000*	µg/kg	27.5	J	39.4		19.7	J	851	U	40100		29.3	U	13.9	J
Pyrene	50000*	µg/kg	29.7		36.5		21	J	8520		24000		19.6	J	35.1	
Total Non Carcinogenic PAHs			84.3		128		98		33140		186950		28.4		78.1	
Probable Carcinogenic PAHs																
Benzo(a)anthracene	224 or MDL	µg/kg	12.2	J	13.1	J	23.6		7400		9220		24.2	U	25.5	U
Benzo(b)fluoranthene	1100	µg/kg	16	U	34.8	U	17.5	J	13300		6990		16.8	U	17.7	U
Benzo(k)fluoranthene	1100	µg/kg	24	U	28.2	U	12.7	J	10300		5120		25.2	U	26.6	U
Benzo(a)pyrene	61 or MDL	µg/kg	17.8	U	23.1	U	28		18500		10100		18.7	U	19.8	U
Chrysene	400	µg/kg	17.2	J	8.9	J	19.7	J	8140		8890		25.8	U	27.2	U
Indeno(1,2,3-cd)pyrene	3200	µg/kg	15.6	U	27	U	27.8	U	7510		3570		16.4	U	17.3	U
Dibenz(a,h)anthracene	14 or MDL	µg/kg	15.7	U	25.4	U	26.2	U	798		440	J	16.5	U	17.4	U
Total Probable Carcinogenic PAHs			29.4		22		101.5		65948		44330		ND		ND	
Total PAHs			**113.7**		**150**		**199.5**		**99088**		**231280**		**28.4**		**78.1**	
Metals																
Aluminum	SB / 33000	mg/kg	3580		2740		3050		7380		8110		2110		2360	
Antimony	SB / NA	mg/kg	4.52		5.98		5.63		0.61		1.62		0.48		0.76	
Arsenic	7.5 or SB / 3-12	mg/kg	0.4		0.43	U	0.45	U	3.99		2.2		1.26		0.3	U
Barium	300 or SB / 15-600	mg/kg	35.4		30.2		30.8		43		64.3		22.2		25.2	
Beryllium	0.16 or SB / 0-1.75	mg/kg	0.069	U	0.28		0.31		0.073	U	0.069	U	0.072	U	0.076	U
Cadmium	1 or SB / 0.1-1	mg/kg	0.069	U	1.26		1.39		0.073	U	1.23		0.072	U	0.076	U
Calcium	SB / 130-35000	mg/kg	1030		625		640		690		9960		543		402	
Chromium	10 or SB / 1.5-40	mg/kg	13.2		10.3		11.8		19.5		19.9		7.63		17.3	
Cobalt	30 or SB / 2.5-60	mg/kg	5.43		4.18		4.97		7.87		9.84		3.37		3.99	
Copper	25 or SB / 1-50	mg/kg	14.9		12.5		15.1		16.9		21.7		9.92		9.89	
Iron	2000 or SB / 2000-550000	mg/kg	7950		9110		9060		12500		11400		5840		8690	
Lead	SB / 200-500	mg/kg	4.35		1.39		2.58		6.35		43.4		1.86		2.16	
Magnesium	SB / 100-5000	mg/kg	1670		1340		1610		2710		5850		1160		1190	
Manganese	SB / 50-5000	mg/kg	94.4		120		131		120		169		48.6		59.3	
Mercury	0.1 / 0.001-0.2	mg/kg	0.002	J	0.011	U	0.012	U	0.021		0.008	J	0.0001	J	0.002	J
Nickel	13 or SB / 0.5-25	mg/kg	23.2		9.94		12		11.6		15.5		11		8.12	
Potassium	SB / 8500-43000	mg/kg	245		1340		1370		33	J	1110		7030		248	
Selenium	2 or SB / 0.1-3.9	mg/kg	0.27	U	0.23	U	0.24	U	0.28	U	0.27	U	0.28	U	0.3	U
Silver	SB / NA	mg/kg	0.086	U	0.24	U	0.25	U	0.091	U	0.087	U	0.09	U	0.095	U
Sodium	SB / 6000-8000	mg/kg	86.6		127	U	19.2	J	67.9		109		103		120	
Thallium	SB / NA	mg/kg	0.22	U	0.23	U	0.24	U	0.24	U	0.23	U	0.23	U	0.25	U
Vanadium	150 or SB / 1-300	mg/kg	16.2		12.8		11.8		24.2		22.5		5.95		20.2	
Zinc	20 or SB / 9-50	mg/kg	15.5		19.4		21.7		31		298		12.3		46.9	
Total Rec.Petr. Hydrocarbons		mg/kg														
Cyanide		mg/kg	0.33		0.28	U	0.088	J	0.24	U	0.26	U	0.29	U	0.13	J
% Solids		%	87.4		78.6		76.2		82.7		86.3		83.2		78.9	

TABLE 3
SUMMARY OF SOIL SAMPLE RESULTS
FARRINGTON STREET SITE

Client Sample ID:			01-02440-018		01-02440-019		01-02440-020		01-02440-021		01-02440-022		01-02440-023		01-02440-024	
Laboratory ID:			K2667-1		K2667-2		K2667-3		K2667-4		K2667-5		K2667-6		K2667-7	
Sample Location:	TAGM 4046 (1/94)		TP4-SB2		TP4-SB2		TP4-SB2		TP8-SB1		TP8-SB1		TP8-SB1		TP8-SB1	
Sample Depth:	Soil Cleanup		2' - 4'		15' - 16'		33' - 34'		2' - 4'		6' - 7'		18' - 19'		33' - 34'	
Matrix:	Objectives /		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Validated:	Eastern USA		No		No		No		No		No		No		No	
Sampling Date:	Background		03/09/2001		03/09/2001		03/09/2001		03/09/2001		03/09/2001		03/09/2001		03/09/2001	
Analyte:		Units:														
PCBs																
PCB 1016	1000	µg/kg	2.46	U	2.16	U	2.31	U	2.48	U	2.53	U	2.48	U	2.29	U
PCB 1221	1000	µg/kg	11.6	U	10.2	U	10.9	U	11.7	U	11.9	U	11.7	U	10.8	U
PCB 1232	1000	µg/kg	2.57	U	2.25	U	2.41	U	2.59	U	2.65	U	2.58	U	2.39	U
PCB 1242	1000	µg/kg	1.93	U	1.69	U	1.81	U	1.95	U	1.99	U	1.94	U	1.79	U
PCB 1248	1000	µg/kg	4.35	U	3.81	U	4.08	U	4.38	U	4.47	U	4.37	U	4.04	U
PCB 1254	1000	µg/kg	6.58	U	5.77	U	6.18	U	6.63	U	6.77	U	6.61	U	6.11	U
PCB 1260	1000	µg/kg	7.56	U	6.62	U	7.1	U	7.62	U	7.78	U	7.6	U	7.02	U
Volatiles																
Chloromethane	NA *	µg/kg	0.94	U	0.83	U	0.88	U	274	U	279	U	4.73	U	0.87	U
Bromomethane	NA *	µg/kg	0.96	U	0.84	U	0.89	U	190	U	194	U	4.8	U	0.88	U
Vinyl Chloride	200	µg/kg	1.14	U	1	U	1.06	U	266	U	272	U	5.71	U	1.05	U
Chloroethane	1900	µg/kg	1	U	0.88	U	0.94	U	251	U	256	U	5.04	U	0.93	U
Methylene Chloride	100	µg/kg	1.3	B	1.03	U	1.1	U	152	U	155	U	7.5	B	1.9	B
Acetone	200	µg/kg	2.81	U	2.46	U	2.62	U	1440	U	1470	U	86.9	B	6.6	B
Carbon disulfide	2700	µg/kg	0.87	U	0.76	U	0.81	U	114	U	116	U	5.5		0.81	U
1,1-Dichloroethene	400	µg/kg	0.8	U	0.7	U	0.75	U	160	U	163	U	4.01	U	0.74	U
1,1-Dichloroethane	200	µg/kg	0.71	U	0.63	U	0.67	U	106	U	109	U	3.58	U	0.66	U
t-1,2-Dichloroethene	300	µg/kg	0.41	U	0.36	U	0.38	U	205	U	210	U	2.06	U	0.38	U
c-1,2-Dichloroethene	300	µg/kg	0.87	U	0.76	U	0.81	U	144	U	147	U	4.37	U	0.81	U
Chloroform	300	µg/kg	0.81	U	0.71	U	0.76	U	98.8	U	101	U	4.07	U	0.75	U
1,2-Dichloroethane	100	µg/kg	0.56	U	0.49	U	0.52	U	122	U	124	U	2.79	U	0.52	U
2-Butanone	300	µg/kg	1.13	U	0.99	U	1.05	U	775	U	792	U	5.65	U	1.04	U
1,1,1-Trichloroethane	800	µg/kg	0.86	U	0.75	U	0.8	U	83.6	U	85.4	U	4.31	U	0.8	U
Carbon Tetrachloride	600	µg/kg	0.91	U	0.8	U	0.85	U	137	U	140	U	4.55	U	0.84	U
Bromodichloromethane	NA *	µg/kg	0.82	U	0.72	U	0.77	U	137	U	140	U	4.13	U	0.76	U
1,2-Dichloropropane	NA *	µg/kg	0.77	U	0.68	U	0.72	U	122	U	124	U	3.88	U	0.72	U
cis-1,3-Dichloropropene	300	µg/kg	0.76	U	0.67	U	0.71	U	137	U	140	U	3.82	U	0.71	U
Trichloroethene	700	µg/kg	0.91	U	0.8	U	0.85	U	129	U	132	U	4.55	U	0.84	U
Dibromochloromethane	NA *	µg/kg	0.67	U	0.58	U	0.62	U	60.8	U	62.1	U	3.34	U	0.62	U
1,1,2-Trichloroethane	NA *	µg/kg	0.7	U	0.61	U	0.66	U	236	U	241	U	3.52	U	0.65	U
Benzene	60	µg/kg	0.16	U	0.14	U	0.15	U	174000		413000		4850		0.15	U
trans-1,3-Dichloropropene	300	µg/kg	0.68	U	0.59	U	0.63	U	137	U	140	U	3.4	U	0.63	U
Bromoform	NA *	µg/kg	0.41	U	0.36	U	0.38	U	91.2	U	93.1	U	2.06	U	0.38	U
4-Methyl-2-pentanone	1000	µg/kg	2.08	U	1.82	U	1.94	U	388	U	396	U	10.4	U	1.93	U
2-Hexanone	NA *	µg/kg	1.69	U	1.48	U	1.58	U	676	U	691	U	8.5	U	1.57	U
Tetrachloroethene	1400	µg/kg	0.76	U	0.99		0.94		60.8	U	62.1	U	9.5		0.71	U
Toluene	1500	µg/kg	1		1.8		0.19	U	264000		1670000		52400		1.3	
1,1,2,2-Tetrachloroethane	600	µg/kg	0.71	U	0.63	U	0.67	U	98.8	U	101	U	3.58	U	0.66	U
Chlorobenzene	1700	µg/kg	0.33	U	0.29	U	0.31	U	53.2	U	54.3	U	1.64	U	0.3	U
Ethylbenzene	5500	µg/kg	0.11	U	0.095	U	0.1	U	328000		683000		86200		0.1	U
Styrene	NA *	µg/kg	0.87	U	0.76	U	0.81	U	60.8	U	53200		845		0.81	U
m,p-xylene	1200	µg/kg	0.19	U	1.9		0.18	U	375000		801000		90600		0.18	U
o-xylene	1200	µg/kg	1.2		0.13	U	0.14	U	109000		362000		43700		0.13	U
Total BTEX			**2.2**		**3.7**		**ND**		**1250000**		**3929000**		**277750**		**1.3**	
Semi-Volatiles																
Phenol	30	µg/kg	24	U	21	U	22.5	U	604	U	617	U	603	U	36.4	U
bis(2-Chloroethyl)ether	NA *	µg/kg	31.1	U	27.2	U	29.2	U	783	U	799	U	781	U	35.1	U
2-Chlorophenol	800	µg/kg	29.2	U	25.6	U	27.4	U	735	U	751	U	733	U	35.8	U
1,3-Dichlorobenzene	1600	µg/kg	31.8	U	27.9	U	29.9	U	802	U	819	U	800	U	38.3	U
1,4-Dichlorobenzene	8500	µg/kg	30.3	U	26.5	U	28.4	U	762	U	778	U	760	U	37.2	U
1,2-Dichlorobenzene	7900	µg/kg	34.1	U	29.9	U	32	U	860	U	878	U	858	U	37.6	U
2-Methylphenol	100	µg/kg	30.6	U	26.8	U	28.7	U	770	U	787	U	769	U	31.1	U
bis(2-Chloroisopropyl)ether	NA *	µg/kg	32.3	U	28.3	U	30.3	U	813	U	830	U	811	U	40.5	U
3+4-Methylphenol	NA *	µg/kg	30.6	U	26.8	U	28.8	U	772	U	788	U	770	U	30	U
N-Nitrosodi-n-propylamine	NA *	µg/kg	28.2	U	24.7	U	26.5	U	711	U	726	U	709	U	36.5	U
Hexachloroethane	NA *	µg/kg	27.1	U	23.8	U	25.5	U	683	U	698	U	682	U	38.5	U
Nitrobenzene	200	µg/kg	33.7	U	29.6	U	31.7	U	850	U	867	U	847	U	42.2	U
Isophorone	4400	µg/kg	27.5	U	24.1	U	25.8	U	692	U	707	U	691	U	38.5	U
2-Nitrophenol	330	µg/kg	25.6	U	22.4	U	24	U	645	U	658	U	643	U	29.3	U
2,4-Dimethylphenol	NA *	µg/kg	24	U	21	U	22.5	U	603	U	616	U	602	U	17.7	U
bis(2-Chloroethoxy)methane	NA *	µg/kg	31.4	U	27.5	U	29.5	U	792	U	808	U	790	U	35.4	U
2,4-Dichlorophenol	400	µg/kg	28.3	U	24.8	U	26.6	U	713	U	728	U	711	U	30.7	U
1,2,4-Trichlorobenzene	NA *	µg/kg	34.5	U	30.2	U	32.4	U	869	U	887	U	867	U	37.1	U
4-Chloroaniline	220	µg/kg	17.1	U	15	U	16.1	U	431	U	440	U	430	U	38.6	U
Hexachlorobutadiene	NA *	µg/kg	32.3	U	28.3	U	30.3	U	813	U	830	U	811	U	37.2	U
4-Chloro-3-methylphenol	240	µg/kg	33.2	U	29.1	U	31.2	U	836	U	854	U	834	U	30	U
Hexachlorocyclopentadiene	NA *	µg/kg	14.3	U	12.5	U	13.4	U	360	U	367	U	359	U	31.1	U
2,4,6-Trichlorophenol	NA *	µg/kg	28.4	U	24.9	U	26.7	U	716	U	731	U	714	U	29.6	U
2,4,5-Trichlorophenol	100	µg/kg	25.3	U	22.2	U	23.8	U	638	U	651	U	636	U	28.5	U
2-Chloronaphthalene	NA *	µg/kg	33	U	28.9	U	31	U	831	U	849	U	829	U	34.1	U
2-Nitroaniline	430	µg/kg	24.8	U	21.7	U	23.3	U	625	U	638	U	623	U	26.8	U
Dimethylphthalate	2000	µg/kg	33	U	28.9	U	31	U	830	U	848	U	828	U	32.7	U
2,6-Dinitrotoluene	1000	µg/kg	24.5	U	21.4	U	23	U	616	U	629	U	615	U	30.2	U
3-Nitroaniline	500	µg/kg	15.8	U	13.8	U	14.8	U	397	U	406	U	396	U	28.8	U
2,4-Dinitrophenol	200	µg/kg	23.4	U	20.5	U	22	U	589	U	601	U	588	U	34.3	U

TABLE 3
SUMMARY OF SOIL SAMPLE RESULTS
FARRINGTON STREET SITE

Client Sample ID:			01-02440-018		01-02440-019		01-02440-020		01-02440-021		01-02440-022		01-02440-023		01-02440-024	
Laboratory ID:			K2667-1		K2667-2		K2667-3		K2667-4		K2667-5		K2667-6		K2667-7	
Sample Location:	TAGM 4046 (1/94)		TP4-SB2		TP4-SB2		TP4-SB2		TP8-SB1		TP8-SB1		TP8-SB1		TP8-SB1	
Sample Depth:	Soil Cleanup		2' - 4'		15' - 16'		33' - 34'		2' - 4'		6' - 7'		18' - 19'		33' - 34'	
Matrix:	Objectives /		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Validated:	Eastern USA		No		No		No		No		No		No		No	
Sampling Date:	Background		03/09/2001		03/09/2001		03/09/2001		03/09/2001		03/09/2001		03/09/2001		03/09/2001	
Analyte:		Units:														
4-Nitrophenol	100	µg/kg	52.5	U	46	U	49.3	U	1320	U	1350	U	1320	U	22.3	U
Dibenzofuran	6200	µg/kg	33.9	U	29.7	U	31.9	U	13300		9110		3240		10.5	J
2,4-Dinitrotoluene	NA *	µg/kg	22.4	U	19.6	U	21	U	564	U	576	U	562	U	28.6	U
Diethylphthalate	7100	µg/kg	21.7	U	9.5	J	20.3	U	545	U	557	U	544	U	10.1	J
4-Chlorophenyl phenyl ether	NA *	µg/kg	39	U	34.2	U	36.6	U	982	U	1000	U	980	U	33.2	U
4-Nitroaniline	NA *	µg/kg	18.2	U	15.9	U	17.1	U	458	U	468	U	457	U	25.2	U
4,6-Dinitro-2-methylphenol	NA *	µg/kg	30.7	U	26.9	U	28.8	U	774	U	790	U	772	U	31.7	U
N-Nitrosodiphenylamine	NA *	µg/kg	32.3	U	28.3	U	30.3	U	814	U	831	U	812	U	29.9	U
4-Bromophenyl phenyl ether	NA *	µg/kg	29.5	U	25.8	U	27.7	U	742	U	758	U	740	U	30.3	U
Hexachlorobenzene	410	µg/kg	28.9	U	25.3	U	27.1	U	728	U	743	U	726	U	33.3	U
Pentachlorophenol	1000	µg/kg	19.6	U	17.2	U	18.4	U	495	U	505	U	494	U	22.5	U
Carbazole	NA *	µg/kg	23	U	20.1	U	21.6	U	2140		1920		637		12.3	J
Di-n-butylphthalate	8100	µg/kg	87	U	76.2	U	29.5	J	2190	U	2240	U	2180	U	36.6	J
Butylbenzylphthalate	50000	µg/kg	19.2	U	16.9	U	18.1	U	485	U	495	U	483	U	22.3	U
3,3'-Dichlorobenzidine	NA *	µg/kg	33.3	U	29.2	U	31.3	U	839	U	857	U	837	U	72.5	U
bis(2-Ethylhexyl)phthalate	50000	µg/kg	54.8	J	116		377		3300	U	3370	U	233	J	137	
Di-n-octylphthalate	50000	µg/kg	24.8	U	21.7	U	23.3	U	625	U	638	U	623	U	20.1	U
Non Carcinogenic PAHs																
Acenaphthene	50000*	µg/kg	34.8	U	18	J	32.7	U	84100		13100		15900		53.1	
Acenaphthylene	41000	µg/kg	32.4	U	802		12.1	J	28800		27900		9420		64.3	
Anthracene	50000*	µg/kg	28.9	U	233		27.1	U	63600		42400		20500		119	
Benzo(g,h,i)perylene	50000*	µg/kg	21.3	U	373		20	U	9790		6550		2710		16.4	
Fluoranthene	50000*	µg/kg	25.6	U	29.3		24	U	73300		55800		22600		170	
Fluorene	50000*	µg/kg	35.3	U	61		33.2	U	101000		74000		30800		103	
2-Methylnaphthalene	36400	µg/kg	28.4	U	24.9	U	17.4	J	426000		400000		84000		63.5	
Naphthalene	13000	µg/kg	33.3	U	8.1	J	16.6	J	274000		198000		51000		22	J
Phenanthrene	50000*	µg/kg	28.3	U	9.9	J	26.6	U	336000		264000		87000		524	
Pyrene	50000*	µg/kg	21.2	U	195		9.1	J	143000		89300		36700		273	
Total Non Carcinogenic PAHs			ND		1729.3		55.2		1539590		1171050		360630		1408.3	
Probable Carcinogenic PAHs																
Benzo(a)anthracene	224 or MDL	µg/kg	20.2	U	158		19	U	42800		33000		12300		94.9	
Benzo(b)fluoranthene	1100	µg/kg	33.1	U	475		31	U	16400		11600		3740		25.4	
Benzo(k)fluoranthene	1100	µg/kg	26.8	U	283		25.2	U	14900		10400		4000		33.3	
Benzo(a)pyrene	61 or MDL	µg/kg	21.9	U	783		20.6	U	28600		20000		7340		55.7	
Chrysene	400	µg/kg	20.1	U	266		18.9	U	39000		31100		11600		91.9	
Indeno(1,2,3-cd)pyrene	3200	µg/kg	25.6	U	322		24	U	8320		5280		2100		8.2	J
Dibenz(a,h)anthracene	14 or MDL	µg/kg	24.1	U	102		22.6	U	1470		973		605	U	15.4	U
Total Probable Carcinogenic PAHs			ND		2389		ND		151490		112353		41080		309.4	
Total PAHs			**ND**		**4118.3**		**55.2**		**1691080**		**1283403**		**401710**		**1717.7**	
Metals																
Aluminum	SB / 33000	mg/kg	4330		1720		1080		6910		6940		2670		1750	
Antimony	SB / NA	mg/kg	0.3	U	0.26	U	0.29	U	0.3	U	0.67		0.55		0.29	U
Arsenic	7.5 or SB / 3-12	mg/kg	0.31		0.17	U	0.04	J	0.94		0.76		0.2	U	0.19	U
Barium	300 or SB / 15-600	mg/kg	12.3		15.5		9.13		28.6		42.8		25.1		16.1	
Beryllium	0.16 or SB / 0-1.75	mg/kg	0.09		0.0051	J	0.058	U	0.13		0.1		0.058	U	0.011	J
Cadmium	1 or SB / 0.1-1	mg/kg	0.024	U	0.021	U	0.023	U	0.023	U	0.025	U	0.023	U	0.023	U
Calcium	SB / 130-35000	mg/kg	377		341		330		610		487		9950		414	
Chromium	10 or SB / 1.5-40	mg/kg	6.52		5.2		6		10.2		17.6		7.06		8.36	
Cobalt	30 or SB / 2.5-60	mg/kg	5.43		3.14		1.46		3.88		5.61		3.08		2.91	
Copper	25 or SB / 1-50	mg/kg	7.69		8.18		5.51		5.63		11.9		5.21		13.1	
Iron	2000 or SB / 2000-550000	mg/kg	9700		7630		4360		9710		11800		5870		9450	
Lead	SB / 200-500	mg/kg	2.28		0.067	U	0.075	U	2.83		0.81		0.075	U	0.074	U
Magnesium	SB / 100-5000	mg/kg	1030		720		477		1340		2260		5960		669	
Manganese	SB / 50-5000	mg/kg	195		68.8		38.5		90.1		138		62.2		131	
Mercury	0.1 / 0.001-0.2	mg/kg	0.038		0.004	J	0.006	J	0.026		0.017		0.007	J	0.004	J
Nickel	13 or SB / 0.5-25	mg/kg	6.37		6.36		5.43		7.49		14.9		6.85		7.45	
Potassium	SB / 8500-43000	mg/kg	436		567		343		787		2410		1480		562	
Selenium	2 or SB / 0.1-3.9	mg/kg	0.11	U	0.38		0.1	U	0.97		0.31		0.1	U	0.1	U
Silver	SB / NA	mg/kg	0.042	J	0.098	U	0.11	U	0.11	U	0.12	U	0.91		0.0057	J
Sodium	SB / 6000-8000	mg/kg	152		20	J	34	J	26.2	J	4.31	J	31.3	J	41.9	J
Thallium	SB / NA	mg/kg	0.11	U	0.093	U	0.1	U	0.11	U	0.11	U	0.1	U	0.1	U
Vanadium	150 or SB / 1-300	mg/kg	11.1		8.09		5.74		15.3		21.1		9.49		7.84	
Zinc	20 or SB / 9-50	mg/kg	65.8		8.72		6.42		20		24.9		11.1		9.76	
Total Rec.Petr. Hydrocarbons		mg/kg														
Cyanide		mg/kg	0.28	J	0.22	J	0.29		0.53		0.29	U	0.28	U	0.3	U
% Solids		%	82.8		94.5		88.2		82.2		80.5		82.4		89.2	

TABLE 3
SUMMARY OF SOIL SAMPLE RESULTS
FARRINGTON STREET SITE

Client Sample ID:			01-01081-004		01-01174-016		01-01331-008		01-00982-011		01-01081-005		01-01331-009		01-00982-007	
Laboratory ID:			K8398-4		K8400-8		K2594-6		K8388-11		K8398-5		K2594-7		K8388-7	
Sample Location:	TAGM 4046 (1/94)		Field		Field		Field		Trip		Trip		Trip		MW-1 MSB	
Sample Depth:	Soil Cleanup		Blank		Blank		Blank		Blank		Blank		Blank		2' - 4'	
Matrix:	Objectives /		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Validated:	Eastern USA		No		No		No		No		No		No		No	
Sampling Date:	Background		02/01/2001		02/02/2001		02/07/2001		01/29/2001		02/01/2001		02/07/2001		01/30/2001	
Analyte:		Units:														
PCBs																
PCB 1016	1000	µg/kg	0.08	U	0.08	U	0.08	U	NR		NR		NR		2.58	U
PCB 1221	1000	µg/kg	0.03	U	0.03	U	0.03	U	NR		NR		NR		12.1	U
PCB 1232	1000	µg/kg	0.11	U	0.11	U	0.11	U	NR		NR		NR		2.69	U
PCB 1242	1000	µg/kg	0.02	U	0.02	U	0.02	U	NR		NR		NR		2.02	U
PCB 1248	1000	µg/kg	0.09	U	0.09	U	0.09	U	NR		NR		NR		4.55	U
PCB 1254	1000	µg/kg	0.04	U	0.04	U	0.04	U	NR		NR		NR		6.88	U
PCB 1260	1000	µg/kg	0.08	U	0.08	U	0.08	U	NR		NR		NR		7.9	U
Volatiles																
Chloromethane	NA *	µg/kg	0.36	U	0.36	U	0.36	U	0.36	U	0.36	U	0.36	U	0.98	U
Bromomethane	NA *	µg/kg	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	1	U
Vinyl Chloride	200	µg/kg	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U	1.18	U
Chloroethane	1900	µg/kg	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U	1.05	U
Methylene Chloride	100	µg/kg	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	1.22	U
Acetone	200	µg/kg	1.89	U	1.89	U	1.89	U	1.89	U	1.89	U	1.89	U	2.92	U
Carbon disulfide	2700	µg/kg	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.91	U
1,1-Dichloroethene	400	µg/kg	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.83	U
1,1-Dichloroethane	200	µg/kg	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.74	U
t-1,2-Dichloroethene	300	µg/kg	0.27	U	0.27	U	0.27	U	0.27	U	0.27	U	0.27	U	0.43	U
c-1,2-Dichloroethene	300	µg/kg	0.19	U	0.19	U	0.19	U	0.19	U	0.19	U	0.19	U	0.91	U
Chloroform	300	µg/kg	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	0.84	U
1,2-Dichloroethane	100	µg/kg	0.16	U	0.16	U	0.16	U	0.16	U	0.16	U	0.16	U	0.58	U
2-Butanone	300	µg/kg	1.02	U	1.02	U	1.02	U	1.02	U	1.02	U	1.02	U	1.17	U
1,1,1-Trichloroethane	800	µg/kg	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.89	U
Carbon Tetrachloride	600	µg/kg	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.94	U
Bromodichloromethane	NA *	µg/kg	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.86	U
1,2-Dichloropropane	NA *	µg/kg	0.16	U	0.16	U	0.16	U	0.16	U	0.16	U	0.16	U	0.81	U
cis-1,3-Dichloropropene	300	µg/kg	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.79	U
Trichloroethene	700	µg/kg	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.94	U
Dibromochloromethane	NA *	µg/kg	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.69	U
1,1,2-Trichloroethane	NA *	µg/kg	0.31	U	0.31	U	0.31	U	0.31	U	0.31	U	0.31	U	0.73	U
Benzene	60	µg/kg	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.16	U
trans-1,3-Dichloropropene	300	µg/kg	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.71	U
Bromoform	NA *	µg/kg	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.43	U
4-Methyl-2-pentanone	1000	µg/kg	0.51	U	0.51	U	0.51	U	0.51	U	0.51	U	0.51	U	2.17	U
2-Hexanone	NA *	µg/kg	0.89	U	0.89	U	0.89	U	0.89	U	0.89	U	0.89	U	1.76	U
Tetrachloroethene	1400	µg/kg	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.79	U
Toluene	1500	µg/kg	0.16	U	0.16	U	0.16	U	0.16	U	0.16	U	0.16	U	4	
1,1,2,2-Tetrachloroethane	600	µg/kg	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	0.74	U
Chlorobenzene	1700	µg/kg	0.07	U	0.07	U	0.07	U	0.07	U	0.07	U	0.07	U	0.34	U
Ethylbenzene	5500	µg/kg	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.11	U
Styrene	NA *	µg/kg	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.91	U
m,p-xylene	1200	µg/kg	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	2.2	
o-xylene	1200	µg/kg	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.15	U
Total BTEX																
Semi-Volatiles																
Phenol	30	µg/kg	0.41	U	0.41	U	0.56	U	NR		NR		NR		75.3	U
bis(2-Chloroethyl)ether	NA *	µg/kg	0.82	U	0.82	U	1.03	U	NR		NR		NR		97.5	U
2-Chlorophenol	800	µg/kg	0.76	U	0.76	U	0.96	U	NR		NR		NR		91.5	U
1,3-Dichlorobenzene	1600	µg/kg	0.84	U	0.84	U	0.99	U	NR		NR		NR		99.9	U
1,4-Dichlorobenzene	8500	µg/kg	0.85	U	0.85	U	0.89	U	NR		NR		NR		94.9	U
1,2-Dichlorobenzene	7900	µg/kg	0.83	U	0.83	U	0.94	U	NR		NR		NR		107	U
2-Methylphenol	100	µg/kg	0.76	U	0.76	U	0.99	U	NR		NR		NR		96	U
bis(2-Chloroisopropyl)ether	NA *	µg/kg	1	U	1	U	1.12	U	NR		NR		NR		101	U
3+4-Methylphenol	NA *	µg/kg	0.72	U	0.72	U	0.83	U	NR		NR		NR		96.1	U
N-Nitrosodi-n-propylamine	NA *	µg/kg	0.86	U	0.86	U	0.8	U	NR		NR		NR		88.5	U
Hexachloroethane	NA *	µg/kg	0.9	U	0.9	U	0.73	U	NR		NR		NR		85.1	U
Nitrobenzene	200	µg/kg	0.89	U	0.89	U	0.93	U	NR		NR		NR		106	U
Isophorone	4400	µg/kg	0.76	U	0.76	U	0.82	U	NR		NR		NR		86.2	U
2-Nitrophenol	330	µg/kg	0.65	U	0.65	U	0.88	U	NR		NR		NR		80.3	U
2,4-Dimethylphenol	NA *	µg/kg	0.95	U	0.95	U	1.13	U	NR		NR		NR		75.1	U
bis(2-Chloroethoxy)methane	NA *	µg/kg	0.78	U	0.78	U	0.76	U	NR		NR		NR		98.6	U
2,4-Dichlorophenol	400	µg/kg	0.62	U	0.62	U	0.72	U	NR		NR		NR		88.8	U
1,2,4-Trichlorobenzene	NA *	µg/kg	0.85	U	0.85	U	0.96	U	NR		NR		NR		108	U
4-Chloroaniline	220	µg/kg	0.52	U	0.52	U	0.63	U	NR		NR		NR		53.7	U
Hexachlorobutadiene	NA *	µg/kg	0.83	U	0.83	U	0.96	U	NR		NR		NR		101	U
4-Chloro-3-methylphenol	240	µg/kg	0.72	U	0.72	U	0.94	U	NR		NR		NR		104	U
Hexachlorocyclopentadiene	NA *	µg/kg	0.72	U	0.72	U	7.09	U	NR		NR		NR		44.8	U
2,4,6-Trichlorophenol	NA *	µg/kg	0.47	U	0.47	U	0.78	U	NR		NR		NR		89.1	U
2,4,5-Trichlorophenol	100	µg/kg	0.58	U	0.58	U	0.54	U	NR		NR		NR		79.4	U
2-Chloronaphthalene	NA *	µg/kg	0.81	U	0.81	U	0.87	U	NR		NR		NR		104	U
2-Nitroaniline	430	µg/kg	0.56	U	0.56	U	0.95	U	NR		NR		NR		77.8	U
Dimethylphthalate	2000	µg/kg	1.3	U	1.3	U	1.3	U	NR		NR		NR		103	U
2,6-Dinitrotoluene	1000	µg/kg	0.78	U	0.78	U	0.84	U	NR		NR		NR		76.8	U
3-Nitroaniline	500	µg/kg	0.82	U	0.82	U	0.58	U	NR		NR		NR		49.5	U
2,4-Dinitrophenol	200	µg/kg	0.57	U	0.57	U	3.67	U	NR		NR		NR		73.4	U

TABLE 3
SUMMARY OF SOIL SAMPLE RESULTS
FARRINGTON STREET SITE

Client Sample ID:			01-01081-004		01-01174-016		01-01331-008		01-00982-011		01-01081-005		01-01331-009		01-00982-007	
Laboratory ID:			K8398-4		K8400-8		K2594-6		K8388-11		K8398-5		K2594-7		K8388-7	
Sample Location:	TAGM 4046 (1/94)		Field		Field		Field		Trip		Trip		Trip		MW-1 MSB	
Sample Depth:	Soil Cleanup		Blank		Blank		Blank		Blank		Blank		Blank		2' - 4'	
Matrix:	Objectives /		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Validated:	Eastern USA		No		No		No		No		No		No		No	
Sampling Date:	Background		02/01/2001		02/02/2001		02/07/2001		01/29/2001		02/01/2001		02/07/2001		01/30/2001	
Analyte:		Units:														
4-Nitrophenol	100	µg/kg	0.36	U	0.36	U	2.12	U	NR		NR		NR		165	U
Dibenzofuran	6200	µg/kg	0.67	U	0.67	U	0.83	U	NR		NR		NR		106	U
2,4-Dinitrotoluene	NA *	µg/kg	0.61	U	0.61	U	0.68	U	NR		NR		NR		70.2	U
Diethylphthalate	7100	µg/kg	0.68	J	0.21	J	0.25	J	NR		NR		NR		67.9	U
4-Chlorophenyl phenyl ether	NA *	µg/kg	0.68	U	0.68	U	0.76	U	NR		NR		NR		122	U
4-Nitroaniline	NA *	µg/kg	0.56	U	0.56	U	0.7	U	NR		NR		NR		57.1	U
4,6-Dinitro-2-methylphenol	NA *	µg/kg	0.58	U	0.58	U	5.7	U	NR		NR		NR		96.3	U
N-Nitrosodiphenylamine	NA *	µg/kg	0.63	U	0.63	U	0.67	U	NR		NR		NR		101	U
4-Bromophenyl phenyl ether	NA *	µg/kg	0.61	U	0.61	U	0.72	U	NR		NR		NR		92.4	U
Hexachlorobenzene	410	µg/kg	0.6	U	0.6	U	0.69	U	NR		NR		NR		90.7	U
Pentachlorophenol	1000	µg/kg	0.59	U	0.59	U	0.33	U	NR		NR		NR		61.6	U
Carbazole	NA *	µg/kg	1.32	U	1.32	U	0.65	U	NR		NR		NR		72.1	U
Di-n-butylphthalate	8100	µg/kg	0.83	J	1.6		1.4	U	NR		NR		NR		141	J
Butylbenzylphthalate	50000	µg/kg	3.29	U	3.29	U	3.48	U	NR		NR		NR		60.4	U
3,3'-Dichlorobenzidine	NA *	µg/kg	1.2	U	1.2	U	0.52	U	NR		NR		NR		105	U
bis(2-Ethylhexyl)phthalate	50000	µg/kg	1.7	J	2.9		0.36	J	NR		NR		NR		335	J
Di-n-octylphthalate	50000	µg/kg	0.5	U	0.5	U	1.04	U	NR		NR		NR		77.8	U
Non Carcinogenic PAHs																
Acenaphthene	50000*	µg/kg	0.75	U	0.75	U	1	U	NR		NR		NR		109	U
Acenaphthylene	41000	µg/kg	0.81	U	0.81	U	0.86	U	NR		NR		NR		210	
Anthracene	50000*	µg/kg	0.53	U	0.53	U	0.67	U	NR		NR		NR		36.6	J
Benzo(g,h,i)perylene	50000*	µg/kg	0.4	U	0.4	U	0.62	U	NR		NR		NR		223	
Fluoranthene	50000*	µg/kg	0.47	U	0.47	U	0.53	U	NR		NR		NR		154	
Fluorene	50000*	µg/kg	0.69	U	0.69	U	0.82	U	NR		NR		NR		29	J
2-Methylnaphthalene	36400	µg/kg	0.76	U	0.76	U	0.84	U	NR		NR		NR		27.8	J
Naphthalene	13000	µg/kg	0.89	U	0.3	J	0.99	U	NR		NR		NR		105	U
Phenanthrene	50000*	µg/kg	0.59	U	0.59	U	0.64	U	NR		NR		NR		41.7	J
Pyrene	50000*	µg/kg	0.53	U	0.53	U	0.76	U	NR		NR		NR		359	
Total Non Carcinogenic PAHs																
Probable Carcinogenic PAHs																
Benzo(a)anthracene	224 or MDL	µg/kg	0.47	U	0.47	U	0.64	U	NR		NR		NR		217	
Benzo(b)fluoranthene	1100	µg/kg	0.45	U	0.45	U	0.81	U	NR		NR		NR		466	
Benzo(k)fluoranthene	1100	µg/kg	0.29	U	0.29	U	0.92	U	NR		NR		NR		384	
Benzo(a)pyrene	61 or MDL	µg/kg	0.36	U	0.36	U	0.7	U	NR		NR		NR		614	
Chrysene	400	µg/kg	0.56	U	0.56	U	0.52	U	NR		NR		NR		327	
Indeno(1,2,3-cd)pyrene	3200	µg/kg	0.45	U	0.45	U	0.58	U	NR		NR		NR		199	
Dibenz(a,h)anthracene	14 or MDL	µg/kg	0.47	U	0.47	U	0.66	U	NR		NR		NR		78.3	
Total Probable Carcinogenic PAHs																
Total PAHs																
Metals																
Aluminum	SB / 33000	mg/kg	101	U	101	U	0.0084	J	NR		NR		NR		9120	
Antimony	SB / NA	mg/kg	5.66	U	4.07	J	0.0057	U	NR		NR		NR		5.42	
Arsenic	7.5 or SB / 3-12	mg/kg	3.77	U	3.77	U	0.018		NR		NR		NR		1.72	
Barium	300 or SB / 15-600	mg/kg	20.6		4.11	U	0.023		NR		NR		NR		37.8	
Beryllium	0.16 or SB / 0-1.75	mg/kg	1.11	U	1.11	U	0.00071	J	NR		NR		NR		0.39	
Cadmium	1 or SB / 0.1-1	mg/kg	0.77	J	0.57	J	0.0011	U	NR		NR		NR		1.43	
Calcium	SB / 130-35000	mg/kg	18500		28	J	19.3		NR		NR		NR		1190	
Chromium	10 or SB / 1.5-40	mg/kg	1.94		1.03	J	0.0019		NR		NR		NR		14.1	
Cobalt	30 or SB / 2.5-60	mg/kg	1.11	U	1.11	U	0.00062	J	NR		NR		NR		4.42	
Copper	25 or SB / 1-50	mg/kg	9.54		10.9		0.035		NR		NR		NR		6.54	
Iron	2000 or SB / 2000-550000	mg/kg	52.3	J	105	J	0.03	J	NR		NR		NR		11700	
Lead	SB / 200-500	mg/kg	1.44	U	1.44	U	0.0014	U	NR		NR		NR		8.47	
Magnesium	SB / 100-5000	mg/kg	7670		6.62	J	7.69		NR		NR		NR		2010	
Manganese	SB / 50-5000	mg/kg	5.83		1.06	J	0.0012		NR		NR		NR		132	
Mercury	0.1 / 0.001-0.2	mg/kg	0.05	U	0.05	U	0.00005	U	NR		NR		NR		0.051	
Nickel	13 or SB / 0.5-25	mg/kg	1.11	U	0.8	J	0.0013		NR		NR		NR		9.89	
Potassium	SB / 8500-43000	mg/kg	792	J	48.5	J	0.95	J	NR		NR		NR		948	
Selenium	2 or SB / 0.1-3.9	mg/kg	6.81		2	U	0.0085		NR		NR		NR		0.23	U
Silver	SB / NA	mg/kg	2.11	U	2.11	U	0.0021	U	NR		NR		NR		0.24	U
Sodium	SB / 6000-8000	mg/kg	6540		871		5.18		NR		NR		NR		89.9	J
Thallium	SB / NA	mg/kg	2	U	2	U	0.002	U	NR		NR		NR		0.23	U
Vanadium	150 or SB / 1-300	mg/kg	1.11	U	1.11	U	0.00059	J	NR		NR		NR		19.1	
Zinc	20 or SB / 9-50	mg/kg	38.7		24.6		0.0013	U	NR		NR		NR		47.4	
Total Rec.Petr. Hydrocarbons		mg/kg					0.26	U	NR		NR		NR		NR	
Cyanide		mg/kg	0.007		0.019		0.003	U	NR		NR		NR		0.2	J
% Solids		%	NR		NR		NR		NR		NR		NR		79.2	

TABLE 3
SUMMARY OF SOIL SAMPLE RESULTS
FARRINGTON STREET SITE

Client Sample ID:			01-00982-001		01-00982-001		01-01174-002		01-01174-003		01-01078-008		01-01078-009		01-01331-006	
Laboratory ID:			K8388-7M		K8388-7N		K8399-1M		K8399-1N		K8395-5M		K8395-5N		K2594-5M	
Sample Location:	TAGM 4046 (1/94)		MW-1 MS		MW-1 MSD		MW-1 MS		MW-1 MSD		MW-3 MS		MW-3 MSD		SB-5 MS	
Sample Depth:	Soil Cleanup		2' - 4'		2' - 4'		15' - 16'		15' - 16'		12.5' - 13.5'		12.5' - 13.5'		3' - 5'	
Matrix:	Objectives /		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Validated:	Eastern USA		No		No		No		No		No		No		No	
Sampling Date:	Background		01/30/2001		01/30/2001		02/02/2001		02/02/2001		02/01/2001		02/01/2001		02/07/2001	
Analyte:		Units:														
PCBs																
PCB 1016	1000	µg/kg	18.7		17.6		92.7		116		175		127		165	
PCB 1221	1000	µg/kg	1.21	U	1.21	U	10.2	U	10.2	U	10.2	U	10.2	U	11.8	U
PCB 1232	1000	µg/kg	0.27	U	0.27	U	2.26	U	2.27	U	2.25	U	2.25	U	2.61	U
PCB 1242	1000	µg/kg	0.2	U	0.2	U	1.7	U	1.7	U	1.69	U	1.69	U	1.96	U
PCB 1248	1000	µg/kg	0.45	U	0.45	U	3.82	U	3.83	U	3.81	U	3.81	U	4.41	U
PCB 1254	1000	µg/kg	0.69	U	0.69	U	5.78	U	5.8	U	5.77	U	5.77	U	6.68	U
PCB 1260	1000	µg/kg	18.9		17.4		91.3		120		137		97.8		169	
Volatiles																
Chloromethane	NA *	µg/kg	0.98	U	0.98	U	0.36	U	0.36	U	0.83	U	0.83	U	0.42	U
Bromomethane	NA *	µg/kg	1	U	1	U	0.42	U	0.42	U	0.85	U	0.85	U	0.48	U
Vinyl Chloride	200	µg/kg	1.18	U	1.18	U	0.36	U	0.36	U	1.01	U	1.01	U	0.42	U
Chloroethane	1900	µg/kg	1.05	U	1.05	U	0.2	U	0.2	U	0.89	U	0.89	U	0.23	U
Methylene Chloride	100	µg/kg	2.7		1.22	U	0.58	U	0.58	U	1.04	U	1.04	U	4.2	B
Acetone	200	µg/kg	2.92	U	2.92	U	4.64	U	4.64	U	2.48	U	2.48	U	5.34	U
Carbon disulfide	2700	µg/kg	0.91	U	0.91	U	0.29	U	0.29	U	0.77	U	0.77	U	0.33	U
1,1-Dichloroethene	400	µg/kg	65.5		109		48.3		43.8		120		46.4		37.1	
1,1-Dichloroethane	200	µg/kg	0.74	U	0.74	U	0.17	U	0.17	U	0.63	U	0.63	U	0.2	U
t-1,2-Dichloroethene	300	µg/kg	0.43	U	0.43	U	0.44	U	0.44	U	0.36	U	0.36	U	0.5	U
c-1,2-Dichloroethene	300	µg/kg	0.91	U	0.91	U	0.54	U	0.54	U	0.77	U	0.77	U	0.62	U
Chloroform	300	µg/kg	0.84	U	0.84	U	0.18	U	0.18	U	0.72	U	0.72	U	0.21	U
1,2-Dichloroethane	100	µg/kg	0.58	U	0.58	U	0.32	U	0.32	U	0.49	U	0.49	U	0.37	U
2-Butanone	300	µg/kg	1.17	U	1.17	U	2.69	U	2.69	U	1	U	1	U	3.09	U
1,1,1-Trichloroethane	800	µg/kg	0.89	U	0.89	U	0.3	U	0.3	U	0.76	U	0.76	U	0.34	U
Carbon Tetrachloride	600	µg/kg	0.94	U	0.94	U	0.29	U	0.29	U	0.8	U	0.8	U	0.33	U
Bromodichloromethane	NA *	µg/kg	0.86	U	0.86	U	0.2	U	0.2	U	0.73	U	0.73	U	0.23	U
1,2-Dichloropropane	NA *	µg/kg	0.81	U	0.81	U	0.19	U	0.19	U	0.68	U	0.68	U	0.22	U
cis-1,3-Dichloropropene	300	µg/kg	0.79	U	0.79	U	0.27	U	0.27	U	0.67	U	0.67	U	0.31	U
Trichloroethene	700	µg/kg	44.3		71.4		49.1		43.6		106		41.8		37.8	B
Dibromochloromethane	NA *	µg/kg	0.69	U	0.69	U	0.31	U	0.31	U	0.59	U	0.59	U	0.36	U
1,1,2-Trichloroethane	NA *	µg/kg	0.73	U	0.73	U	0.5	U	0.5	U	0.62	U	0.62	U	0.58	U
Benzene	60	µg/kg	52.8		84.6		50.5		45.6		119		53.2		40.9	
trans-1,3-Dichloropropene	300	µg/kg	0.71	U	0.71	U	0.44	U	0.44	U	0.6	U	0.6	U	0.5	U
Bromoform	NA *	µg/kg	0.43	U	0.43	U	0.51	U	0.51	U	0.36	U	0.36	U	0.59	U
4-Methyl-2-pentanone	1000	µg/kg	2.17	U	2.17	U	1.58	U	1.58	U	1.84	U	1.84	U	1.82	U
2-Hexanone	NA *	µg/kg	1.76	U	1.76	U	1.66	U	1.66	U	1.5	U	1.5	U	1.91	U
Tetrachloroethene	1400	µg/kg	0.79	U	0.79	U	0.3	U	0.3	U	0.67	U	0.67	U	0.34	U
Toluene	1500	µg/kg	38.1		60.9		49.4		44.4		108		44.9		38.4	
1,1,2,2-Tetrachloroethane	600	µg/kg	0.74	U	0.74	U	0.54	U	0.54	U	0.63	U	0.63	U	0.62	U
Chlorobenzene	1700	µg/kg	22.9		34.3		47.8		42.8		78.4		36.4		39.8	
Ethylbenzene	5500	µg/kg	0.11	U	0.11	U	0.36	U	0.36	U	0.096	U	0.096	U	0.42	U
Styrene	NA *	µg/kg	0.91	U	0.91	U	0.31	U	0.31	U	0.77	U	0.77	U	0.36	U
m,p-xylene	1200	µg/kg	0.2	U	0.2	U	0.67	U	2.1		0.17	U	0.17	U	0.77	U
o-xylene	1200	µg/kg	0.15	U	0.15	U	0.3	U	0.3	U	0.13	U	0.13	U	0.34	U
Total BTEX																
Semi-Volatiles																
Phenol	30	µg/kg	5700		8280		5900		6190		2210		1690		5050	
bis(2-Chloroethyl)ether	NA *	µg/kg	89.3	U	89.3	U	82.4	U	82.4	U	82	U	82	U	115	U
2-Chlorophenol	800	µg/kg	5040		7860		6010		6900		2160		1720		4800	
1,3-Dichlorobenzene	1600	µg/kg	89.2	U	89.2	U	84.4	U	84.4	U	84	U	84	U	125	U
1,4-Dichlorobenzene	8500	µg/kg	2260		3680		2880		3270		1090		849		2290	
1,2-Dichlorobenzene	7900	µg/kg	92.1	U	92.1	U	90.5	U	90.5	U	90	U	90	U	123	U
2-Methylphenol	100	µg/kg	73.2	U	73.2	U	81.1	U	81.1	U	80.7	U	80.7	U	102	U
bis(2-Chloroisopropyl)ether	NA *	µg/kg	53.3	U	53.3	U	85.6	U	85.6	U	85.1	U	85.1	U	133	U
3+4-Methylphenol	NA *	µg/kg	60	U	60	U	81.2	U	81.2	U	80.8	U	80.8	U	98.5	U
N-Nitrosodi-n-propylamine	NA *	µg/kg	2200		3680		2760		3110		855		688		2530	
Hexachloroethane	NA *	µg/kg	92.7	U	92.7	U	71.9	U	71.9	U	71.5	U	71.5	U	126	U
Nitrobenzene	200	µg/kg	102	U	102	U	89.4	U	89.4	U	89	U	89	U	138	U
Isophorone	4400	µg/kg	68.9	U	68.9	U	72.9	U	72.9	U	72.5	U	72.5	U	126	U
2-Nitrophenol	330	µg/kg	78.6	U	78.6	U	67.9	U	67.9	U	67.5	U	67.5	U	96.1	U
2,4-Dimethylphenol	NA *	µg/kg	44.1	U	44.1	U	63.5	U	63.5	U	63.2	U	63.2	U	58.1	U
bis(2-Chloroethoxy)methane	NA *	µg/kg	80.9	U	80.9	U	83.4	U	83.4	U	82.9	U	82.9	U	116	U
2,4-Dichlorophenol	400	µg/kg	75.5	U	44.1	J	38.4	J	43.8	J	74.6	U	74.6	U	101	U
1,2,4-Trichlorobenzene	NA *	µg/kg	2410		4010		3060		3600		1150		873		2200	
4-Chloroaniline	220	µg/kg	92.6	U	92.6	U	45.4	U	45.4	U	45.1	U	45.1	U	127	U
Hexachlorobutadiene	NA *	µg/kg	84.9	U	84.9	U	85.6	U	85.6	U	85.1	U	85.1	U	122	U
4-Chloro-3-methylphenol	240	µg/kg	6770		8640		6440		6910		2100		1570		5050	
Hexachlorocyclopentadiene	NA *	µg/kg	138	U	138	U	37.9	U	37.9	U	37.7	U	37.7	U	102	U
2,4,6-Trichlorophenol	NA *	µg/kg	92.7	U	92.7	U	75.3	U	75.3	U	74.9	U	74.9	U	97.1	U
2,4,5-Trichlorophenol	100	µg/kg	85.9	U	85.9	U	67.1	U	67.1	U	66.8	U	66.8	U	93.5	U
2-Chloronaphthalene	NA *	µg/kg	86.1	U	86.1	U	87.5	U	87.5	U	87	U	87	U	112	U
2-Nitroaniline	430	µg/kg	60.1	U	60.1	U	65.7	U	65.7	U	65.4	U	65.4	U	88	U
Dimethylphthalate	2000	µg/kg	77	U	77	U	87.4	U	87.4	U	86.9	U	86.9	U	107	U
2,6-Dinitrotoluene	1000	µg/kg	63.5	U	63.5	U	64.9	U	64.9	U	64.5	U	64.5	U	98.9	U
3-Nitroaniline	500	µg/kg	54.2	U	54.2	U	41.8	U	41.8	U	41.6	U	41.6	U	94.5	U
2,4-Dinitrophenol	200	µg/kg	75.9	U	75.9	U	62	U	62	U	61.7	U	61.7	U	112	U

TABLE 3
SUMMARY OF SOIL SAMPLE RESULTS
FARRINGTON STREET SITE

Client Sample ID:			01-00982-001		01-00982-001		01-01174-002		01-01174-003		01-01078-008		01-01078-009		01-01331-006	
Laboratory ID:			K8388-7M		K8388-7N		K8399-1M		K8399-1N		K8395-5M		K8395-5N		K2594-5M	
Sample Location:	TAGM 4046 (1/94)		MW-1 MS		MW-1 MSD		MW-1 MS		MW-1 MSD		MW-3 MS		MW-3 MSD		SB-5 MS	
Sample Depth:	Soil Cleanup		2' - 4'		2' - 4'		15' - 16'		15' - 16'		12.5' - 13.5'		12.5' - 13.5'		3' - 5'	
Matrix:	Objectives /		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Validated:	Eastern USA		No		No		No		No		No		No		No	
Sampling Date:	Background		01/30/2001		01/30/2001		02/02/2001		02/02/2001		02/01/2001		02/01/2001		02/07/2001	
Analyte:		Units:														
4-Nitrophenol	100	µg/kg	6200		7320		5660		5600		1300		977		5400	
Dibenzofuran	6200	µg/kg	81.9	U	81.9	U	90	U	90	U	89.5	U	89.5	U	107	U
2,4-Dinitrotoluene	NA *	µg/kg	2520		3160		2820		3260		851		598		2310	
Diethylphthalate	7100	µg/kg	32.8	J	60.4	U	57.4	U	57.4	U	57.1	U	57.1	U	68.8	U
4-Chlorophenyl phenyl ether	NA *	µg/kg	84	U	84	U	103	U	103	U	103	U	103	U	109	U
4-Nitroaniline	NA *	µg/kg	80.6	U	80.6	U	48.2	U	48.2	U	48	U	48	U	82.6	U
4,6-Dinitro-2-methylphenol	NA *	µg/kg	82.9	U	82.9	U	81.4	U	81.4	U	81	U	81	U	104	U
N-Nitrosodiphenylamine	NA *	µg/kg	74.1	U	74.1	U	85.7	U	85.7	U	85.2	U	85.2	U	98.2	U
4-Bromophenyl phenyl ether	NA *	µg/kg	78.9	U	78.9	U	78.1	U	78.1	U	77.7	U	77.7	U	99.4	U
Hexachlorobenzene	410	µg/kg	71.8	U	71.8	U	76.6	U	76.6	U	76.2	U	76.2	U	109	U
Pentachlorophenol	1000	µg/kg	5840		6920		6810		4760		1110		669		4690	
Carbazole	NA *	µg/kg	58.2	U	58.2	U	60.9	U	60.9	U	60.6	U	60.6	U	246	U
Di-n-butylphthalate	8100	µg/kg	3960		4610		3560		4110		1330		1050		3100	
Butylbenzylphthalate	50000	µg/kg	65.1	U	65.1	U	51	U	51	U	50.7	U	50.7	U	73.3	U
3,3'-Dichlorobenzidine	NA *	µg/kg	153	U	153	U	88.4	U	88.4	U	87.9	U	87.9	U	238	U
bis(2-Ethylhexyl)phthalate	50000	µg/kg	394	J	604		69.4	J	128	J	121	J	116	J	157	J
Di-n-octylphthalate	50000	µg/kg	67.7	U	67.7	U	65.7	U	65.7	U	65.4	U	65.4	U	65.9	U
Non Carcinogenic PAHs																
Acenaphthene	50000*	µg/kg	3150		4230		3120		3640		1290		995		2570	
Acenaphthylene	41000	µg/kg	343		461		85.8	U	85.8	U	85.4	U	85.4	U	112	U
Anthracene	50000*	µg/kg	70.6		99.5		76.6	U	76.6	U	76.2	U	76.2	U	81.9	U
Benzo(g,h,i)perylene	50000*	µg/kg	365		372		56.6	U	56.6	U	56.3	U	56.3	U	48	U
Fluoranthene	50000*	µg/kg	330		582		67.8	U	67.8	U	67.4	U	67.4	U	34.3	J
Fluorene	50000*	µg/kg	32.8	J	42.8	J	93.7	U	93.7	U	93.2	U	93.2	U	104	U
2-Methylnaphthalene	36400	µg/kg	35.3	J	64.3	J	75.2	U	75.2	U	74.8	U	74.8	U	27	J
Naphthalene	13000	µg/kg	44.1	J	79.4	J	88.4	U	88.4	U	87.9	U	87.9	U	116	U
Phenanthrene	50000*	µg/kg	141		215		27.7	J	43.8	J	74.7	U	74.7	U	89.7	U
Pyrene	50000*	µg/kg	4900		6660		3360		3910		1340		1080		2760	
Total Non Carcinogenic PAHs																
Probable Carcinogenic PAHs																
Benzo(a)anthracene	224 or MDL	µg/kg	368		548		53.6	U	53.6	U	53.3	U	53.3	U	74	U
Benzo(b)fluoranthene	1100	µg/kg	762		1170		87.6	U	87.6	U	87.2	U	87.2	U	51.5	U
Benzo(k)fluoranthene	1100	µg/kg	534		788		71.1	U	71.1	U	70.7	U	70.7	U	77.1	U
Benzo(a)pyrene	61 or MDL	µg/kg	852		1150		58.1	U	58.1	U	57.7	U	57.7	U	57.4	U
Chrysene	400	µg/kg	456		689		53.4	U	53.4	U	53.1	U	53.1	U	78.9	U
Indeno(1,2,3-cd)pyrene	3200	µg/kg	314		354		67.9	U	67.9	U	67.5	U	67.5	U	50.1	U
Dibenz(a,h)anthracene	14 or MDL	µg/kg	94.5		113		63.8	U	63.8	U	63.5	U	63.5	U	50.4	U
Total Probable Carcinogenic PAHs																
Total PAHs																
Metals																
Aluminum	SB / 33000	mg/kg	9280		77200		5560		4420		6550		6010		12300	
Antimony	SB / NA	mg/kg	5.63		4.55		11		9.8		8.88		8.87		10.1	
Arsenic	7.5 or SB / 3-12	mg/kg	6.1		5.46		5.66		5.13		2.81		2.25		9.8	
Barium	300 or SB / 15-600	mg/kg	185		179		212		201		198		188		242	
Beryllium	0.16 or SB / 0-1.75	mg/kg	4.14		4.03		4.33		4.24		3.61		3.43		4.98	
Cadmium	1 or SB / 0.1-1	mg/kg	1.78		1.74		2.5		2.09		2.18		2.11		2.93	
Calcium	SB / 130-35000	mg/kg	1620		1800		2040		1640		664		642		952	
Chromium	10 or SB / 1.5-40	mg/kg	28.5		26.4		33.6		28.7		28.5		27.5		36.5	
Cobalt	30 or SB / 2.5-60	mg/kg	41.5		40.4		48.8		46.4		39.5		37.9		52.2	
Copper	25 or SB / 1-50	mg/kg	29.8		28.2		37.7		35.4		27.4		25.6		35.3	
Iron	2000 or SB / 2000-550000	mg/kg	11200		10800		17500		13300		15500		14800		19700	
Lead	SB / 200-500	mg/kg	17.4		17.9		8.96		10		2.64		2.39		27.6	
Magnesium	SB / 100-5000	mg/kg	1890		1750		2260		1710		2850		2670		2170	
Manganese	SB / 50-5000	mg/kg	191		196		289		233		166		160		226	
Mercury	0.1 / 0.001-0.2	mg/kg	0.32		0.28		0.21		0.22		0.22		0.21		0.26	
Nickel	13 or SB / 0.5-25	mg/kg	47		44.8		59		53.6		46.1		45		57.7	
Potassium	SB / 8500-43000	mg/kg	915		542		2590		1940		4540		860		1010	
Selenium	2 or SB / 0.1-3.9	mg/kg	0.23	U	0.23	U	0.19	U	0.19	U	0.19	U	0.19	U	0.22	U
Silver	SB / NA	mg/kg	2.65		2.66		3.34		3.46		3.2		3.09		3	
Sodium	SB / 6000-8000	mg/kg	205		226		391		325		440		402		246	
Thallium	SB / NA	mg/kg	1.61		1.5		0.35		0.59		0.19	U	0.19	U	1.93	
Vanadium	150 or SB / 1-300	mg/kg	55.9		52		60		55.9		54.9		52.8		71.2	
Zinc	20 or SB / 9-50	mg/kg	97.5		96.7		68.5		64.5		0.21	J	59.2		82.7	
Total Rec.Petr. Hydrocarbons		mg/kg	NR		NR										3.42	U
Cyanide		mg/kg	0.22	J	3.8		5.79		5.19		2.63		2.5		0.006	U
% Solids		%	79.2		79.2		93.7		93.7		94.2		94.2		81.6	

TABLE 3
SUMMARY OF SOIL SAMPLE RESULTS
FARRINGTON STREET SITE

Client Sample ID:			**01-01331-007**	
Laboratory ID:			**K2594-5N**	
Sample Location:	**TAGM 4046 (1/94)**		**SB-5 MSD**	
Sample Depth:	**Soil Cleanup**		**3' - 5'**	
Matrix:	**Objectives /**		**Soil**	
Validated:	**Eastern USA**		**No**	
Sampling Date:	**Background**		**02/07/2001**	
Analyte:		**Units:**		
PCBs				
PCB 1016	1000	µg/kg	174	
PCB 1221	1000	µg/kg	11.8	U
PCB 1232	1000	µg/kg	2.61	U
PCB 1242	1000	µg/kg	1.96	U
PCB 1248	1000	µg/kg	4.41	U
PCB 1254	1000	µg/kg	6.68	U
PCB 1260	1000	µg/kg	165	
Volatiles				
Chloromethane	NA *	µg/kg	0.42	U
Bromomethane	NA *	µg/kg	0.48	U
Vinyl Chloride	200	µg/kg	0.42	U
Chloroethane	1900	µg/kg	0.23	U
Methylene Chloride	100	µg/kg	0.66	U
Acetone	200	µg/kg	5.34	U
Carbon disulfide	2700	µg/kg	0.33	U
1,1-Dichloroethene	400	µg/kg	56.7	
1,1-Dichloroethane	200	µg/kg	0.2	U
t-1,2-Dichloroethene	300	µg/kg	0.5	U
c-1,2-Dichloroethene	300	µg/kg	0.62	U
Chloroform	300	µg/kg	0.21	U
1,2-Dichloroethane	100	µg/kg	0.37	U
2-Butanone	300	µg/kg	3.09	U
1,1,1-Trichloroethane	800	µg/kg	0.34	U
Carbon Tetrachloride	600	µg/kg	0.33	U
Bromodichloromethane	NA *	µg/kg	0.23	U
1,2-Dichloropropane	NA *	µg/kg	0.22	U
cis-1,3-Dichloropropene	300	µg/kg	0.31	U
Trichloroethene	700	µg/kg	59.8	
Dibromochloromethane	NA *	µg/kg	0.36	U
1,1,2-Trichloroethane	NA *	µg/kg	0.58	U
Benzene	60	µg/kg	61	
trans-1,3-Dichloropropene	300	µg/kg	0.5	U
Bromoform	NA *	µg/kg	0.59	U
4-Methyl-2-pentanone	1000	µg/kg	1.82	U
2-Hexanone	NA *	µg/kg	1.91	U
Tetrachloroethene	1400	µg/kg	0.34	U
Toluene	1500	µg/kg	60.3	
1,1,2,2-Tetrachloroethane	600	µg/kg	0.62	U
Chlorobenzene	1700	µg/kg	60.7	
Ethylbenzene	5500	µg/kg	0.42	U
Styrene	NA *	µg/kg	0.36	U
m,p-xylene	1200	µg/kg	0.77	U
o-xylene	1200	µg/kg	0.34	U
Total BTEX				
Semi-Volatiles				
Phenol	30	µg/kg	4760	
bis(2-Chloroethyl)ether	NA *	µg/kg	115	U
2-Chlorophenol	800	µg/kg	4630	
1,3-Dichlorobenzene	1600	µg/kg	125	U
1,4-Dichlorobenzene	8500	µg/kg	2140	
1,2-Dichlorobenzene	7900	µg/kg	123	U
2-Methylphenol	100	µg/kg	102	U
bis(2-Chloroisopropyl)ether	NA *	µg/kg	133	U
3+4-Methylphenol	NA *	µg/kg	98.5	U
N-Nitrosodi-n-propylamine	NA *	µg/kg	2390	
Hexachloroethane	NA *	µg/kg	126	U
Nitrobenzene	200	µg/kg	138	U
Isophorone	4400	µg/kg	126	U
2-Nitrophenol	330	µg/kg	96.1	U
2,4-Dimethylphenol	NA *	µg/kg	58.1	U
bis(2-Chloroethoxy)methane	NA *	µg/kg	116	U
2,4-Dichlorophenol	400	µg/kg	101	U
1,2,4-Trichlorobenzene	NA *	µg/kg	2130	
4-Chloroaniline	220	µg/kg	127	U
Hexachlorobutadiene	NA *	µg/kg	122	U
4-Chloro-3-methylphenol	240	µg/kg	4560	
Hexachlorocyclopentadiene	NA *	µg/kg	102	U
2,4,6-Trichlorophenol	NA *	µg/kg	97.1	U
2,4,5-Trichlorophenol	100	µg/kg	93.5	U
2-Chloronaphthalene	NA *	µg/kg	112	U
2-Nitroaniline	430	µg/kg	88	U
Dimethylphthalate	2000	µg/kg	107	U
2,6-Dinitrotoluene	1000	µg/kg	98.9	U
3-Nitroaniline	500	µg/kg	94.5	U
2,4-Dinitrophenol	200	µg/kg	112	U

TABLE 3
SUMMARY OF SOIL SAMPLE RESULTS
FARRINGTON STREET SITE

Client Sample ID:			**01-01331-007**	
Laboratory ID:			**K2594-5N**	
Sample Location:	**TAGM 4046 (1/94)**		**SB-5 MSD**	
Sample Depth:	**Soil Cleanup**		**3' - 5'**	
Matrix:	**Objectives /**		**Soil**	
Validated:	**Eastern USA**		**No**	
Sampling Date:	**Background**		**02/07/2001**	
Analyte:		**Units:**		
4-Nitrophenol	100	µg/kg	4010	
Dibenzofuran	6200	µg/kg	107	U
2,4-Dinitrotoluene	NA *	µg/kg	2010	
Diethylphthalate	7100	µg/kg	68.8	U
4-Chlorophenyl phenyl ether	NA *	µg/kg	109	U
4-Nitroaniline	NA *	µg/kg	82.6	U
4,6-Dinitro-2-methylphenol	NA *	µg/kg	104	U
N-Nitrosodiphenylamine	NA *	µg/kg	98.2	U
4-Bromophenyl phenyl ether	NA *	µg/kg	99.4	U
Hexachlorobenzene	410	µg/kg	109	U
Pentachlorophenol	1000	µg/kg	4100	
Carbazole	NA *	µg/kg	246	U
Di-n-butylphthalate	8100	µg/kg	2340	
Butylbenzylphthalate	50000	µg/kg	73.3	U
3,3'-Dichlorobenzidine	NA *	µg/kg	238	U
bis(2-Ethylhexyl)phthalate	50000	µg/kg	158	J
Di-n-octylphthalate	50000	µg/kg	65.9	U
Non Carcinogenic PAHs				
Acenaphthene	50000*	µg/kg	2330	
Acenaphthylene	41000	µg/kg	34.3	J
Anthracene	50000*	µg/kg	81.9	U
Benzo(g,h,i)perylene	50000*	µg/kg	48	U
Fluoranthene	50000*	µg/kg	30.6	J
Fluorene	50000*	µg/kg	80.9	J
2-Methylnaphthalene	36400	µg/kg	98.8	U
Naphthalene	13000	µg/kg	116	U
Phenanthrene	50000*	µg/kg	151	
Pyrene	50000*	µg/kg	2350	
Total Non Carcinogenic PAHs				
Probable Carcinogenic PAHs				
Benzo(a)anthracene	224 or MDL	µg/kg	74	U
Benzo(b)fluoranthene	1100	µg/kg	51.5	U
Benzo(k)fluoranthene	1100	µg/kg	77.1	U
Benzo(a)pyrene	61 or MDL	µg/kg	57.4	U
Chrysene	400	µg/kg	78.9	U
Indeno(1,2,3-cd)pyrene	3200	µg/kg	50.1	U
Dibenz(a,h)anthracene	14 or MDL	µg/kg	50.4	U
Total Probable Carcinogenic PAHs				
Total PAHs				
Metals				
Aluminum	SB / 33000	mg/kg	12300	
Antimony	SB / NA	mg/kg	12	
Arsenic	7.5 or SB / 3-12	mg/kg	8.36	
Barium	300 or SB / 15-600	mg/kg	233	
Beryllium	0.16 or SB / 0-1.75	mg/kg	4.84	
Cadmium	1 or SB / 0.1-1	mg/kg	2.72	
Calcium	SB / 130-35000	mg/kg	1290	
Chromium	10 or SB / 1.5-40	mg/kg	34.8	
Cobalt	30 or SB / 2.5-60	mg/kg	50.1	
Copper	25 or SB / 1-50	mg/kg	33.6	
Iron	2000 or SB / 2000-550000	mg/kg	18400	
Lead	SB / 200-500	mg/kg	11.3	
Magnesium	SB / 100-5000	mg/kg	2280	
Manganese	SB / 50-5000	mg/kg	300	
Mercury	0.1 / 0.001-0.2	mg/kg	0.25	
Nickel	13 or SB / 0.5-25	mg/kg	55.4	
Potassium	SB / 8500-43000	mg/kg	1320	
Selenium	2 or SB / 0.1-3.9	mg/kg	0.22	U
Silver	SB / NA	mg/kg	3.04	
Sodium	SB / 6000-8000	mg/kg	178	
Thallium	SB / NA	mg/kg	3.02	
Vanadium	150 or SB / 1-300	mg/kg	69.2	
Zinc	20 or SB / 9-50	mg/kg	79.1	
Total Rec.Petr. Hydrocarbons		mg/kg	58.3	
Cyanide		mg/kg	0.0032	J
% Solids		%	81.6	

TABLE 4
SUMMARY OF TCLP RESULTS
FARRINGTON STREET SITE

	Client Sample ID:			01-01080-001		01-01261-001		01-01261-002		2-009 B2 was		2-002 B3 was	
	Laboratory ID:	TCLP		K8397-1		K2575-1		K2575-2		K8388-9		K8388-2	
	Sample Location:	Regulatory		GT-1 (waste)		GT-2 (waste)		GT-2 (waste)		GT-2 (waste)		GT-3 (waste)	
	Sample Location:	Level											
	Sample Location:												
	Sample Depth (ft bg):			(2 - 4)		NA		NA		(3 - 5)		(2-4)	
	Matrix:			Soil		Soil		Soil		Soil		Soil	
	Validated:			No		No		No		No		No	
	Sampling Date:			01/31/2001		02/06/2001		02/06/2001		01/29/2001		01/30/2001	
Cas #:	Analyte:		Units:										
	PCBs												
12674-11-2	PCB 1016		µg/kg	See soils		See soils		See soils		2.53	U	2.68	U
11104-28-2	PCB 1221		µg/kg	See soils		See soils		See soils		11.9	U	12.6	U
11141-16-5	PCB 1232		µg/kg	See soils		See soils		See soils		2.64	U	2.8	U
53469-21-9	PCB 1242		µg/kg	See soils		See soils		See soils		1.99	U	2.1	U
12672-29-6	PCB 1248		µg/kg	See soils		See soils		See soils		4.47	U	4.73	U
11097-69-1	PCB 1254		µg/kg	See soils		See soils		See soils		6.76	U	7.16	U
11096-82-5	PCB 1260		µg/kg	See soils		See soils		See soils		7.77	U	8.23	U
	TCLP Volatiles												
71-43-2	Benzene	0.5	mg/L	0.00014	U	0.00014	U	0.00014	U	0.0005		0.00014	U
56-23-5	Carbon Tetrachloride	0.5	mg/L	0.00018	U	0.00034	U	0.00034	U	0.00018	U	0.00018	U
108-90-7	Chlorobenzene	100	mg/L	0.00007	U	0.00021	U	0.00021	U	0.00007	U	0.00007	U
67-66-3	Chloroform	6.0	mg/L	0.00013	U	0.00026	U	0.00026	U	0.00013	U	0.00013	U
107-06-2	1,2-Dichloroethane	0.5	mg/L	0.00016	U	0.00019	U	0.00019	U	0.00016	U	0.00016	U
75-35-4	1,1-Dichloroethene	0.7	mg/L	0.00021	U	0.00048	U	0.00048	U	0.00021	U	0.00021	U
78-93-3	Methyl Ethyl Ketone	200	mg/L	0.001	U	0.00082	U	0.00082	U	0.001	U	0.001	U
127-18-4	Tetrachloroethene	0.7	mg/L	0.00008	U	0.00028	U	0.00028	U	0.00008	U	0.00008	U
79-01-6	Trichloroethene	0.5	mg/L	0.00017	U	0.00027	U	0.00027	U	0.00017	U	0.00017	U
75-01-4	Vinyl Chloride	0.2	mg/L	0.00035	U	0.00041	U	0.00041	U	0.00035	U	0.00035	U
	TCLP Semi-Volatiles												
95-48-7	o-cresol	200	mg/L	0.0076	U	0.0076	U	0.0076	U	0.0099	U	0.0099	U
106-44-5	m,p-cresol	200	mg/L	0.0072	U	0.0072	U	0.0072	U	0.0083	U	0.0083	U
	Cresol	200	mg/L	0.015	U	0.015	U	0.015	U	0.018	U	0.018	U
106-46-7	1,4-Dichlorobenzene	7.5	mg/L	0.0085	U	0.0085	U	0.0085	U	0.0089	U	0.0089	U
121-14-2	2,4-Dinitrotoluene	0.13	mg/L	0.0061	U	0.0061	U	0.0061	U	0.0068	U	0.0068	U
118-74-1	Hexachlorobenzene	0.13	mg/L	0.006	U	0.006	U	0.006	U	0.0069	U	0.0069	U
87-68-3	Hexachlorobutadiene	0.5	mg/L	0.0083	U	0.0083	U	0.0083	U	0.0096	U	0.0096	U
67-72-1	Hexachloroethane	3	mg/L	0.009	U	0.009	U	0.009	U	0.0073	U	0.0073	U
98-95-3	Nitrobenzene	2	mg/L	0.0089	U	0.0089	U	0.0089	U	0.0093	U	0.0093	U
87-86-5	Pentachlorophenol	100	mg/L	0.0059	U	0.0059	U	0.0059	U	0.0033	U	0.0033	U
110-86-1	Pyridine	5	mg/L	0.0054	U	0.0054	U	0.0054	U	0.0034	U	0.0034	U
95-95-4	2,4,5-Trichlorophenol	400	mg/L	0.0058	U	0.0058	U	0.0058	U	0.0053	U	0.0053	U
88-06-2	2,4,6-Trichlorophenol	2	mg/L	0.0047	U	0.0047	U	0.0047	U	0.0078	U	0.0078	U
	TCLP Metals												
7440-38-2	Arsenic	5	mg/L	0.048	U	0.034	U	0.034	U	0.034	U	0.032	J
7440-39-3	Barium	100	mg/L	0.71		0.037	U	1.65		0.35		1.22	
7440-43-9	Cadmium	1	mg/L	0.012	U	0.01	U	0.01	U	0.025		0.0076	J
7440-47-3	Chromium	5	mg/L	0.007	J	0.01	U	0.01	U	0.016		0.017	
7439-92-1	Lead	5	mg/L	0.022	U	0.013	U	0.013	U	0.086		0.013	U
7439-97-6	Mercury	.2	mg/L	0.00005	U	0.00005	U	0.00005	U	0.00005	U	0.00005	U
7782-49-2	Selenium	1	mg/L	0.055		0.018	U	0.018	U	0.018	U	0.021	
7440-22-4	Silver	5	mg/L	0.013	J	0.019	U	0.019	U	0.019	U	0.019	U

TABLE 4
SUMMARY OF TCLP RESULTS
FARRINGTON STREET SITE

	Client Sample ID:			01-01080-007		01-01080-008		01-00982-006		01-01727-005		01-01727-001	
	Laboratory ID:	TCLP		K8397-7		K8397-8		K8388-6		K2624-5		K2624-1	
	Sample Location:	Regulatory		SB-3 (waste)		SB-4 (waste)		MW-1 (waste)		TP-1 (waste bc		TP-4 (waste)	
	Sample Location:	Level								Tar Pump 1			
	Sample Location:									Outside			
	Sample Depth (ft bg):			(2 - 4)		(2 - 4)		(2-4)		(7.5 - 8)		(3 - 4)	
	Matrix:			Soil		Soil		Soil		Soil		Soil	
	Validated:			No		No		No		No		No	
	Sampling Date:			01/31/2001		01/31/2001		01/30/2001		02/15/2001		02/15/2001	
Cas #:	Analyte:		Units:										
	PCBs												
12674-11-2	PCB 1016		µg/kg	See soils		See soils		2.58	U	2.21	U	2.64	U
11104-28-2	PCB 1221		µg/kg	See soils		See soils		12.2	U	10.4	U	12.4	U
11141-16-5	PCB 1232		µg/kg	See soils		See soils		2.7	U	2.31	U	2.75	U
53469-21-9	PCB 1242		µg/kg	See soils		See soils		2.03	U	1.73	U	2.07	U
12672-29-6	PCB 1248		µg/kg	See soils		See soils		4.56	U	3.9	U	4.65	U
11097-69-1	PCB 1254		µg/kg	See soils		See soils		6.9	U	5.9	U	7.04	U
11096-82-5	PCB 1260		µg/kg	See soils		See soils		7.92	U	6.77	U	8.09	U
	TCLP Volatiles												
71-43-2	Benzene	0.5	mg/L	0.00014	U	0.00014	U	0.00014	U	0.00014	U	0.25	
56-23-5	Carbon Tetrachloride	0.5	mg/L	0.00018	U	0.00018	U	0.00018	U	0.00034	U	0.00034	U
108-90-7	Chlorobenzene	100	mg/L	0.00007	U	0.00007	U	0.00007	U	0.00021	U	0.00021	U
67-66-3	Chloroform	6.0	mg/L	0.00013	U	0.00013	U	0.00013	U	0.00026	U	0.00026	U
107-06-2	1,2-Dichloroethane	0.5	mg/L	0.00016	U	0.00016	U	0.00016	U	0.00019	U	0.00019	U
75-35-4	1,1-Dichloroethene	0.7	mg/L	0.00021	U	0.00021	U	0.00021	U	0.00048	U	0.00048	U
78-93-3	Methyl Ethyl Ketone	200	mg/L	0.001	U	0.001	U	0.001	U	0.00082	U	0.00082	U
127-18-4	Tetrachloroethene	0.7	mg/L	0.00008	U	0.00008	U	0.00008	U	0.00028	U	0.00028	U
79-01-6	Trichloroethene	0.5	mg/L	0.00017	U	0.00017	U	0.00017	U	0.00027	U	0.00027	U
75-01-4	Vinyl Chloride	0.2	mg/L	0.00035	U	0.00035	U	0.00035	U	0.00041	U	0.00041	U
	TCLP Semi-Volatiles												
95-48-7	o-cresol	200	mg/L	0.0076	U	0.0076	U	0.0099	U	0.0076	U	0.0076	U
106-44-5	m,p-cresol	200	mg/L	0.0072	U	0.0072	U	0.0083	U	0.0072	U	0.0072	U
	Cresol	200	mg/L	0.015	U	0.015	U	0.018	U	0.015	U	0.015	U
106-46-7	1,4-Dichlorobenzene	7.5	mg/L	0.0085	U	0.0085	U	0.0089	U	0.0085	U	0.0085	U
121-14-2	2,4-Dinitrotoluene	0.13	mg/L	0.0061	U	0.0061	U	0.0068	U	0.0061	U	0.0061	U
118-74-1	Hexachlorobenzene	0.13	mg/L	0.006	U	0.006	U	0.0069	U	0.006	U	0.006	U
87-68-3	Hexachlorobutadiene	0.5	mg/L	0.0083	U	0.0083	U	0.0096	U	0.0083	U	0.0083	U
67-72-1	Hexachloroethane	3	mg/L	0.009	U	0.009	U	0.0073	U	0.009	U	0.009	U
98-95-3	Nitrobenzene	2	mg/L	0.0089	U	0.0089	U	0.0093	U	0.0089	U	0.0089	U
87-86-5	Pentachlorophenol	100	mg/L	0.0059	U	0.0059	U	0.0033	U	0.0059	U	0.0059	U
110-86-1	Pyridine	5	mg/L	0.0054	U	0.0054	U	0.0034	U	0.0054	U	0.0054	U
95-95-4	2,4,5-Trichlorophenol	400	mg/L	0.0058	U	0.0058	U	0.0053	U	0.0058	U	0.0058	U
88-06-2	2,4,6-Trichlorophenol	2	mg/L	0.0047	U	0.0047	U	0.0078	U	0.0047	U	0.0047	U
	TCLP Metals												
7440-38-2	Arsenic	5	mg/L	0.048	U	0.048	U	0.0025	J				
7440-39-3	Barium	100	mg/L	1.7		0.88		1.39					
7440-43-9	Cadmium	1	mg/L	0.012	U	0.012	U	0.013					
7440-47-3	Chromium	5	mg/L	0.007	J	0.022	U	0.016					
7439-92-1	Lead	5	mg/L	0.022	U	0.022	U	0.013	U				
7439-97-6	Mercury	.2	mg/L	0.00005	U	0.00005	U	0.00005	U				
7782-49-2	Selenium	1	mg/L	0.07		0.047	U	0.0054	J				
7440-22-4	Silver	5	mg/L	0.015	U	0.015	U	0.019	U				

TABLE 4
SUMMARY OF TCLP RESULTS
FARRINGTON STREET SITE

	Client Sample ID:			01-01896-005		01-01896-011	
	Laboratory ID:	TCLP		K2631-5		K2631-11	
	Sample Location:	Regulatory		TP-7 (skim was		TP-7(bot.waste)	
	Sample Location:	Level		Skim Pump		Skim Pump	
	Sample Location:			(Inside)		(Outside)	
	Sample Depth (ft bg):			(1 - 1.5)		(4 - 4.5)	
	Matrix:			Soil		Soil	
	Validated:			No		No	
	Sampling Date:			02/21/2001		02/21/2001	
Cas #:	Analyte:		Units:				
	PCBs						
12674-11-2	PCB 1016		µg/kg	2.4	U	2.42	U
11104-28-2	PCB 1221		µg/kg	11.3	U	11.4	U
11141-16-5	PCB 1232		µg/kg	2.51	U	2.53	U
53469-21-9	PCB 1242		µg/kg	1.88	U	1.9	U
12672-29-6	PCB 1248		µg/kg	4.24	U	4.27	U
11097-69-1	PCB 1254		µg/kg	6.41	U	6.47	U
11096-82-5	PCB 1260		µg/kg	138		7.43	U
	TCLP Volatiles						
71-43-2	Benzene	0.5	mg/L	0.00014	U	0.11	
56-23-5	Carbon Tetrachloride	0.5	mg/L	0.00018	U	0.00018	U
108-90-7	Chlorobenzene	100	mg/L	0.00007	U	0.00007	U
67-66-3	Chloroform	6.0	mg/L	0.00013	U	0.00013	U
107-06-2	1,2-Dichloroethane	0.5	mg/L	0.00016	U	0.00016	U
75-35-4	1,1-Dichloroethene	0.7	mg/L	0.00021	U	0.00021	U
78-93-3	Methyl Ethyl Ketone	200	mg/L	0.001	U	0.001	U
127-18-4	Tetrachloroethene	0.7	mg/L	0.00008	U	0.00008	U
79-01-6	Trichloroethene	0.5	mg/L	0.00017	U	0.00017	U
75-01-4	Vinyl Chloride	0.2	mg/L	0.00035	U	0.00035	U
	TCLP Semi-Volatiles						
95-48-7	o-cresol	200	mg/L	0.0076	U	0.008	
106-44-5	m,p-cresol	200	mg/L	0.0072	U	0.012	
	Cresol	200	mg/L	0.015	U	0.02	
106-46-7	1,4-Dichlorobenzene	7.5	mg/L	0.0085	U	0.0085	U
121-14-2	2,4-Dinitrotoluene	0.13	mg/L	0.0061	U	0.0061	U
118-74-1	Hexachlorobenzene	0.13	mg/L	0.006	U	0.006	U
87-68-3	Hexachlorobutadiene	0.5	mg/L	0.0083	U	0.0083	U
67-72-1	Hexachloroethane	3	mg/L	0.009	U	0.009	U
98-95-3	Nitrobenzene	2	mg/L	0.0089	U	0.0089	U
87-86-5	Pentachlorophenol	100	mg/L	0.0059	U	0.0059	U
110-86-1	Pyridine	5	mg/L	0.0054	U	0.0054	U
95-95-4	2,4,5-Trichlorophenol	400	mg/L	0.0058	U	0.0058	U
88-06-2	2,4,6-Trichlorophenol	2	mg/L	0.0047	U	0.0047	U
	TCLP Metals						
7440-38-2	Arsenic	5	mg/L				
7440-39-3	Barium	100	mg/L				
7440-43-9	Cadmium	1	mg/L				
7440-47-3	Chromium	5	mg/L				
7439-92-1	Lead	5	mg/L				
7439-97-6	Mercury	.2	mg/L				
7782-49-2	Selenium	1	mg/L				
7440-22-4	Silver	5	mg/L				

TABLE 5
SUMMARY OF GROUNDWATER SAMPLE RESULTS
FARRINGTON STREET SITE

	Client Sample ID:	NYSDEC		01-01898-001		01-01898-002		01-01898-003		01-01898-004		01-01898-005		01-01898-006	
	Laboratory ID:	Class GA		K2633-1		K2633-2		K2633-3		K2633-4		K2633-5		K2633-6	
	Sample Location:	Groundwater		MW-1		MW-1		MW-1 Dup		MW-2		MW-3		MW-4	
	Sample Depth (ft bg):	Quality Standards				MS/MSD									
	Matrix:	and Guidance		Water		Water		Water		Water		Water		Water	
	Validated:	Values		No		No		No		No		No		No	
	Sampling Date:			02/22/2001		02/22/2001		02/22/2001		02/22/2001		02/22/2001		02/22/2001	
Cas #:	Analyte:		Units:												
	PCBs														
12674-11-2	PCB 1016		ng/L	25	U	25	U	25	U	25	U	25	U	25	U
11104-28-2	PCB 1221		ng/L	17.5	U	17.5	U	17.5	U	17.5	U	17.5	U	17.5	U
11141-16-5	PCB 1232		ng/L	22.5	U	22.5	U	22.5	U	22.5	U	22.5	U	22.5	U
53469-21-9	PCB 1242		ng/L	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
12672-29-6	PCB 1248		ng/L	5	U	5	U	5	U	5	U	5	U	5	U
11097-69-1	PCB 1254		ng/L	7.5	U	7.5	U	7.5	U	7.5	U	7.5	U	7.5	U
11096-82-5	PCB 1260		ng/L	12.5	U	12.5	U	12.5	U	12.5	U	12.5	U	12.5	U
	Volatiles														
74-87-3	Chloromethane		µg/L	0.36	U	0.36	U	0.36	U	0.36	U	0.36	U	0.36	U
74-83-9	Bromomethane		µg/L	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
75-01-4	Vinyl Chloride		µg/L	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U
75-00-3	Chloroethane		µg/L	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U
75-09-2	Methylene Chloride		µg/L	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
67-64-1	Acetone		µg/L	1.89	U	1.89	U	1.89	U	1.89	U	1.89	U	1.89	U
75-15-0	Carbon disulfide		µg/L	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U
75-35-4	1,1-Dichloroethene		µg/L	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U
75-34-3	1,1-Dichloroethane		µg/L	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U
156-60-5	t-1,2-Dichloroethene		µg/L	0.27	U	0.27	U	0.27	U	0.27	U	0.27	U	0.27	U
156-59-2	c-1,2-Dichloroethene	5	µg/L	**4.1**		**4**		**4.1**		**7.5**		0.19	U	**1.4**	
67-66-3	Chloroform		µg/L	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U
107-06-2	1,2-Dichloroethane		µg/L	0.16	U	0.16	U	0.16	U	0.16	U	0.16	U	0.16	U
78-93-3	2-Butanone		µg/L	1.02	U	1.02	U	1.02	U	1.02	U	1.02	U	1.02	U
71-55-6	1,1,1-Trichloroethane		µg/L	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
56-23-5	Carbon Tetrachloride		µg/L	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U
75-27-4	Bromodichloromethane		µg/L	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U
78-87-5	1,2-Dichloropropane		µg/L	0.16	U	0.16	U	0.16	U	0.16	U	0.16	U	0.16	U
10061-01-5	cis-1,3-Dichloropropene		µg/L	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U
79-01-6	Trichloroethene	5	µg/L	**2.3**		**2.3**		**2.3**		**7.4**		0.17	U	**1.1**	
124-48-1	Dibromochloromethane		µg/L	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U
79-00-5	1,1,2-Trichloroethane		µg/L	0.31	U	0.31	U	0.31	U	0.31	U	0.31	U	0.31	U
71-43-2	Benzene	1	µg/L	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U
10061-02-6	trans-1,3-Dichloropropene		µg/L	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U
75-25-2	Bromoform		µg/L	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U
108-10-1	4-Methyl-2-pentanone		µg/L	0.51	U	0.51	U	0.51	U	0.51	U	0.51	U	0.51	U
591-78-6	2-Hexanone		µg/L	0.89	U	0.89	U	0.89	U	0.89	U	0.89	U	0.89	U
127-18-4	Tetrachloroethene	5	µg/L	**10.6**		**10.7**		**10.6**		**67**		**1.8**		**4.1**	
108-88-3	Toluene	5	µg/L	0.16	U	0.16	U	0.16	U	0.16	U	0.16	U	0.16	U
79-34-5	1,1,2,2-Tetrachloroethane		µg/L	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U
108-90-7	Chlorobenzene		µg/L	0.07	U	0.07	U	0.07	U	0.07	U	0.07	U	0.07	U
100-41-4	Ethylbenzene	5	µg/L	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
100-42-5	Styrene		µg/L	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U
108-38-3	m,p-xylene	5	µg/L	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
95-47-6	o-xylene	5	µg/L	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U
	Total BTEX			**ND**		**ND**		**ND**		**ND**		**ND**		**ND**	
	Semi-Volatiles														
108-95-2	Phenol		µg/L	0.41	U	0.52	U	0.41	U	0.52	U	0.41	U	0.41	U
111-44-4	bis(2-Chloroethyl)ether		µg/L	0.82	U	0.86	U	0.82	U	0.86	U	0.82	U	0.82	U
95-57-8	2-Chlorophenol		µg/L	0.76	U	1.03	U	0.76	U	1.03	U	0.76	U	0.76	U
541-73-1	1,3-Dichlorobenzene		µg/L	0.84	U	1	U	0.84	U	1	U	0.84	U	0.84	U
106-46-7	1,4-Dichlorobenzene		µg/L	0.85	U	1.08	U	0.85	U	1.08	U	0.85	U	0.85	U
95-50-1	1,2-Dichlorobenzene		µg/L	0.83	U	1.01	U	0.83	U	1.01	U	0.83	U	0.83	U
95-48-7	2-Methylphenol		µg/L	0.76	U	0.92	U	0.76	U	0.92	U	0.76	U	0.76	U
108-60-1	bis(2-Chloroisopropyl)ether		µg/L	1	U	2.21	U	1	U	2.21	U	1	U	1	U
106-44-5	3+4-Methylphenol		µg/L	0.72	U	0.88	U	0.72	U	0.88	U	0.72	U	0.72	U
621-64-7	N-Nitrosodi-n-propylamine		µg/L	0.86	U	0.78	U	0.86	U	0.78	U	0.86	U	0.86	U
67-72-1	Hexachloroethane		µg/L	0.9	U	1.07	U	0.9	U	1.07	U	0.9	U	0.9	U
98-95-3	Nitrobenzene		µg/L	0.89	U	1.17	U	0.89	U	1.17	U	0.89	U	0.89	U
78-59-1	Isophorone		µg/L	0.76	U	0.81	U	0.76	U	0.81	U	0.76	U	0.76	U
88-75-5	2-Nitrophenol		µg/L	0.65	U	0.85	U	0.65	U	0.85	U	0.65	U	0.65	U
105-67-9	2,4-Dimethylphenol		µg/L	0.95	U	1.16	U	0.95	U	1.16	U	0.95	U	0.95	U
111-91-1	bis(2-Chloroethoxy)methane		µg/L	0.78	U	0.82	U	0.78	U	0.82	U	0.78	U	0.78	U
120-83-2	2,4-Dichlorophenol		µg/L	0.62	U	0.88	U	0.62	U	0.88	U	0.62	U	0.62	U
120-82-1	1,2,4-Trichlorobenzene		µg/L	0.85	U	1.16	U	0.85	U	1.16	U	0.85	U	0.85	U
106-47-8	4-Chloroaniline		µg/L	0.52	U	1.03	U	0.52	U	1.03	U	0.52	U	0.52	U
87-68-3	Hexachlorobutadiene		µg/L	0.83	U	1.15	U	0.83	U	1.15	U	0.83	U	0.83	U
59-50-7	4-Chloro-3-methylphenol		µg/L	0.72	U	1.07	U	0.72	U	1.07	U	0.72	U	0.72	U
77-47-4	Hexachlorocyclopentadiene		µg/L	0.72	U	4.41	U	0.72	U	4.41	U	0.72	U	0.72	U
88-06-2	2,4,6-Trichlorophenol		µg/L	0.47	U	0.67	U	0.47	U	0.67	U	0.47	U	0.47	U
95-95-4	2,4,5-Trichlorophenol		µg/L	0.58	U	1.15	U	0.58	U	1.15	U	0.58	U	0.58	U
91-58-7	2-Chloronaphthalene		µg/L	0.81	U	1.06	U	0.81	U	1.06	U	0.81	U	0.81	U
88-74-4	2-Nitroaniline		µg/L	0.56	U	0.54	U	0.56	U	0.54	U	0.56	U	0.56	U
131-11-3	Dimethylphthalate		µg/L	1.3	U	1.65	U	1.3	U	1.65	U	1.3	U	1.3	U
606-20-2	2,6-Dinitrotoluene		µg/L	0.78	U	0.54	U	0.78	U	0.54	U	0.78	U	0.78	U

TABLE 5
SUMMARY OF GROUNDWATER SAMPLE RESULTS
FARRINGTON STREET SITE

	Client Sample ID:	NYSDEC		01-01898-001		01-01898-002		01-01898-003		01-01898-004		01-01898-005		01-01898-006	
	Laboratory ID:	Class GA		K2633-1		K2633-2		K2633-3		K2633-4		K2633-5		K2633-6	
	Sample Location:	Groundwater		MW-1		MW-1		MW-1 Dup		MW-2		MW-3		MW-4	
	Sample Depth (ft bg):	Quality Standards				MS/MSD									
	Matrix:	and Guidance		Water		Water		Water		Water		Water		Water	
	Validated:	Values		No		No		No		No		No		No	
	Sampling Date:			02/22/2001		02/22/2001		02/22/2001		02/22/2001		02/22/2001		02/22/2001	
Cas #:	Analyte:		Units:												
99-09-2	3-Nitroaniline		µg/L	0.82	U	0.58	U	0.82	U	0.58	U	0.82	U	0.82	U
51-28-5	2,4-Dinitrophenol		µg/L	0.57	U	5.8	U	0.57	U	5.8	U	0.57	U	0.57	U
100-02-7	4-Nitrophenol		µg/L	0.36	U	2.12	U	0.36	U	2.12	U	0.36	U	0.36	U
132-64-9	Dibenzofuran	NS	µg/L	0.67	U	0.85	U	0.67	U	0.85	U	0.67	U	0.67	U
121-14-2	2,4-Dinitrotoluene		µg/L	0.61	U	0.47	U	0.61	U	0.47	U	0.61	U	0.61	U
84-66-2	Diethylphthalate	50 (G)	µg/L	**0.33**	**J**	9.81	U	**0.31**	**J**	9.81	U	**0.31**	**J**	**0.47**	**J**
7005-72-3	4-Chlorophenyl phenyl ether		µg/L	0.68	U	1.11	U	0.68	U	1.11	U	0.68	U	0.68	U
100-01-6	4-Nitroaniline		µg/L	0.56	U	0.61	U	0.56	U	0.61	U	0.56	U	0.56	U
534-52-1	4,6-Dinitro-2-methylphenol		µg/L	0.58	U	0.5	U	0.58	U	0.5	U	0.58	U	0.58	U
86-30-6	N-Nitrosodiphenylamine		µg/L	0.63	U	0.94	U	0.63	U	0.94	U	0.63	U	0.63	U
101-55-3	4-Bromophenyl phenyl ether		µg/L	0.61	U	0.79	U	0.61	U	0.79	U	0.61	U	0.61	U
118-74-1	Hexachlorobenzene		µg/L	0.6	U	0.99	U	0.6	U	0.99	U	0.6	U	0.6	U
87-86-5	Pentachlorophenol		µg/L	0.59	U	0.7	U	0.59	U	0.7	U	0.59	U	0.59	U
86-74-8	Carbazole	NS	µg/L	1.32	U	0.68	U	1.32	U	0.68	U	1.32	U	1.32	U
84-74-2	Di-n-butylphthalate		µg/L	**0.22**	**J**	1.55	U	1.07	U	1.55	U	**0.24**	**J**	1.07	U
85-68-7	Butylbenzylphthalate		µg/L	3.29	U	4.1	U	3.29	U	4.1	U	3.29	U	3.29	U
91-94-1	3,3'-Dichlorobenzidine		µg/L	1.2	U	0.41	U	1.2	U	0.41	U	1.2	U	1.2	U
117-81-7	bis(2-Ethylhexyl)phthalate	5	µg/L	**1**	**J**	**0.5**	**J**	**0.55**	**J**	**0.3**	**J**	**0.55**	**J**	**0.53**	**J**
117-84-0	Di-n-octylphthalate		µg/L	0.5	U	0.98	U	0.5	U	0.98	U	0.5	U	0.5	U
	Non-Carcinogenic PAHs														
83-32-9	Acenaphthene	20 (G)	µg/L	**1**		**0.99**		**1.3**		0.89	U	0.75	U	0.75	U
208-96-8	Acenaphthylene	NS	µg/L	0.23	J	**0.29**	**J**	**0.52**	**J**	0.89	U	0.81	U	0.81	U
120-12-7	Anthracene	50 (G)	µg/L	0.53	U	0.92	U	0.53	U	0.92	U	0.53	U	0.53	U
191-24-2	Benzo(g,h,i)perylene	NS	µg/L	0.4	U	0.52	U	0.4	U	0.52	U	0.4	U	0.4	U
206-44-0	Fluoranthene	50 (G)	µg/L	0.47	U	0.7	U	**0.28**	**J**	0.7	U	0.47	U	0.47	U
86-73-7	Fluorene	50 (G)	µg/L	0.69	U	0.91	U	0.69	U	0.91	U	0.69	U	0.69	U
91-57-6	2-Methylnaphthalene	NS	µg/L	0.76	U	1.07	U	0.76	U	1.07	U	0.76	U	0.76	U
91-20-3	Naphthalene	10 (G)	µg/L	0.89	U	1.01	U	0.89	U	1.01	U	0.89	U	0.89	U
85-01-8	Phenanthrene	50 (G)	µg/L	0.59	U	0.83	U	0.59	U	0.83	U	0.59	U	0.59	U
129-00-0	Pyrene	50 (G)	µg/L	**0.2**	**J**	0.65	U	**0.4**	**J**	0.65	U	0.53	U	**0.37**	**J**
	Total Non-Carcinogenic PAHs		µg/L	1.43		1.28		2.5		ND		ND		0.37	
	Probable Carcinogenic PAHs														
56-55-3	Benzo(a)anthracene	0.002	µg/L	0.47	U	0.62	U	0.47	U	0.62	U	0.47	U	0.47	U
205-99-2	Benzo(b)fluoranthene	0.002	µg/L	0.45	U	1.54	U	0.45	U	1.54	U	0.45	U	0.45	U
207-08-9	Benzo(k)fluoranthene	0.002	µg/L	0.29	U	1.1	U	0.29	U	1.1	U	0.29	U	0.29	U
50-32-8	Benzo(a)pyrene	ND	µg/L	0.36	U	0.77	U	0.36	U	0.77	U	0.36	U	0.36	U
218-01-9	Chrysene	0.002	µg/L	0.56	U	0.69	U	0.56	U	0.69	U	0.56	U	0.56	U
193-39-5	Indeno(1,2,3-cd)pyrene	0.002	µg/L	0.45	U	0.61	U	0.45	U	0.61	U	0.45	U	0.45	U
53-70-3	Dibenz(a,h)anthracene	NS	µg/L	0.47	U	0.61	U	0.47	U	0.61	U	0.47	U	0.47	U
	Total Probable Carcinogenic PAHs		µg/L	ND		ND		ND		ND		ND		ND	
	Total PAHs		µg/L	**1.43**		**1.28**		**2.5**		**ND**		**ND**		**0.37**	
	Metals														
7429-90-5	Aluminum	0.1.	mg/L	**0.11**		0.001	J	0.007	J	**91.9**		0.026	J	**1.15**	
7440-36-0	Antimony		mg/L	0.002	J	0.004		0.001	J	0.011		0.003	J	0.003	J
7440-38-2	Arsenic	0.025	mg/L	0.006		0.0053	U	0.0053	U	0.0053	U	0.0053	U	0.0053	U
7440-39-3	Barium	1	mg/L	0.1		0.11		0.095		**1.01**		0.11		0.14	
7440-41-7	Beryllium	0.003	mg/L	0.0013	U	0.0013	U	0.0013	U	0.0013	U	0.0013	U	0.0013	U
7440-43-9	Cadmium	0.005 (G)	mg/L	0.001	J	0.001	J	0.001	J	0.001	J	0.001	J	0.001	J
7440-70-2	Calcium	NS	mg/L	55.2		58.4		52.9		76.9		59.7		81.7	
7440-47-3	Chromium	0.05	mg/L	0.002	J	0.001	J	0.001	J	**0.42**		0.002	J	0.012	
7440-48-4	Cobalt	NS	mg/L	0.005		0.006		0.005		0.14		0.003		0.008	
7440-50-8	Copper	0.2	mg/L	0.0024	U	0.0024	U	0.001	J	**0.58**		0.002	J	0.011	
7439-89-6	Iron	0.3	mg/L	0.27		0.075	J	0.06	J	**145**		0.23		**6.77**	
7439-92-1	Lead	0.025	mg/L	0.006		0.012		0.005		**1.81**		0.008		0.03	
7439-95-4	Magnesium	35 (G)	mg/L	12.1		12.8		11.6		**44.6**		16		21.8	
7439-96-5	Manganese	0.3	mg/L	**0.67**		**0.7**		**0.64**		**4.85**		**0.75**		**1.84**	
7439-97-6	Mercury	0.0007	mg/L	0.00005	U	0.00005	U	0.00005	U	0.00005	U	0.00005	U	0.00005	U
7440-02-0	Nickel	0.1	mg/L	0.026		0.026		0.024		**0.25**		0.008		0.018	
7440-09-7	Potassium	NS	mg/L	9.02		9.13		8.63		3.27		12.3		24.4	
7782-49-2	Selenium	0.01	mg/L	0.007		0.006		0.01		0.0052	U	0.011		0.004	J
7440-22-4	Silver		mg/L	0.0017	U	0.0017	U	0.0017	U	0.0017	U	0.0017	U	0.0017	U
7440-23-5	Sodium	20	mg/L	**219**		**235**		**208**		**251**		**253**		**143**	
7440-28-0	Thallium		mg/L	0.006		0.005		0.014		0.0043	U	0.005		0.006	
7440-62-2	Vanadium	NS	mg/L	0.001	J	0.001	J	0.001	J	0.23		0.002	J	0.013	
7440-66-6	Zinc	2 (G)	mg/L	0.056		0.063		0.031		1.14		0.4		0.4	
57-12-5	Cyanide	0.2	mg/L	0.002	J	0.004		0.002	J	0.004		0.003	U	0.008	

TABLE 5
SUMMARY OF GROUNDWATER SAMPLE RESULTS
FARRINGTON STREET SITE

	Client Sample ID:	NYSDEC		01-01898-007		01-01898-008		01-01898-009	
	Laboratory ID:	Class GA		K2633-7		K2633-8		K2632-9	
	Sample Location:	Groundwater		CH2-MW-1		MW-5		TB-1	
	Sample Depth (ft bg):	Quality Standards		(MW-A)		(GT-2)			
	Matrix:	and Guidance		Water		Water		Water	
	Validated:	Values		No		No		No	
	Sampling Date:			02/22/2001		02/22/2001		02/22/2001	
Cas #:	Analyte:		Units:						
	PCBs								
12674-11-2	PCB 1016		ng/L	25	U	25	U	NR	
11104-28-2	PCB 1221		ng/L	17.5	U	17.5	U	NR	
11141-16-5	PCB 1232		ng/L	22.5	U	22.5	U	NR	
53469-21-9	PCB 1242		ng/L	2.5	U	2.5	U	NR	
12672-29-6	PCB 1248		ng/L	5	U	5	U	NR	
11097-69-1	PCB 1254		ng/L	7.5	U	7.5	U	NR	
11096-82-5	PCB 1260		ng/L	12.5	U	12.5	U	NR	
	Volatiles								
74-87-3	Chloromethane		µg/L	0.4	U	0.36	U	0.36	U
74-83-9	Bromomethane		µg/L	0.3	U	0.25	U	0.25	U
75-01-4	Vinyl Chloride		µg/L	2.7		0.35	U	0.35	U
75-00-3	Chloroethane		µg/L	0.53	U	0.33	U	0.33	U
75-09-2	Methylene Chloride		µg/L	0.56	U	0.2	U	0.2	U
67-64-1	Acetone		µg/L	1.66	U	1.89	U	1.89	U
75-15-0	Carbon disulfide		µg/L	0.37	U	0.15	U	0.15	U
75-35-4	1,1-Dichloroethene		µg/L	0.27	U	0.21	U	0.21	U
75-34-3	1,1-Dichloroethane		µg/L	0.5	U	0.14	U	0.14	U
156-60-5	t-1,2-Dichloroethene		µg/L	0.4	U	0.27	U	0.27	U
156-59-2	c-1,2-Dichloroethene	5	µg/L	**9.5**		**4.1**		0.19	U
67-66-3	Chloroform		µg/L	0.34	U	0.13	U	0.13	U
107-06-2	1,2-Dichloroethane		µg/L	0.17	U	0.16	U	0.16	U
78-93-3	2-Butanone		µg/L	0.68	U	1.02	U	1.02	U
71-55-6	1,1,1-Trichloroethane		µg/L	0.34	U	0.11	U	0.11	U
56-23-5	Carbon Tetrachloride		µg/L	0.27	U	0.18	U	0.18	U
75-27-4	Bromodichloromethane		µg/L	0.14	U	0.18	U	0.18	U
78-87-5	1,2-Dichloropropane		µg/L	0.17	U	0.16	U	0.16	U
10061-01-5	cis-1,3-Dichloropropene		µg/L	0.19	U	0.18	U	0.18	U
79-01-6	Trichloroethene	5	µg/L	**3.5**		**3.9**	B	0.17	U
124-48-1	Dibromochloromethane		µg/L	0.21	U	0.08	U	0.08	U
79-00-5	1,1,2-Trichloroethane		µg/L	0.22	U	0.31	U	0.31	U
71-43-2	Benzene	1	µg/L	**4.4**		**12.7**		0.14	U
10061-02-6	trans-1,3-Dichloropropene		µg/L	0.21	U	0.18	U	0.18	U
75-25-2	Bromoform		µg/L	0.3	U	0.12	U	0.12	U
108-10-1	4-Methyl-2-pentanone		µg/L	0.37	U	0.51	U	0.51	U
591-78-6	2-Hexanone		µg/L	0.92	U	0.89	U	0.89	U
127-18-4	Tetrachloroethene	5	µg/L	0.22	U	**1.7**		0.08	U
108-88-3	Toluene	5	µg/L	**3**		**9.9**		0.16	U
79-34-5	1,1,2,2-Tetrachloroethane		µg/L	0.28	U	0.13	U	0.13	U
108-90-7	Chlorobenzene		µg/L	0.22	U	0.07	U	0.07	U
100-41-4	Ethylbenzene	5	µg/L	**53.2**		**117**		0.17	U
100-42-5	Styrene		µg/L	0.2	U	0.08	U	0.08	U
108-38-3	m,p-xylene	5	µg/L	**4.7**		**83.9**		0.17	U
95-47-6	o-xylene	5	µg/L	**13.4**		**49.2**		0.08	U
	Total BTEX			**78.7**		**272.7**		**ND**	
	Semi-Volatiles								
108-95-2	Phenol		µg/L	0.41	U	0.41	U	NR	
111-44-4	bis(2-Chloroethyl)ether		µg/L	0.82	U	0.82	U	NR	
95-57-8	2-Chlorophenol		µg/L	0.76	U	0.76	U	NR	
541-73-1	1,3-Dichlorobenzene		µg/L	0.84	U	0.84	U	NR	
106-46-7	1,4-Dichlorobenzene		µg/L	0.85	U	0.85	U	NR	
95-50-1	1,2-Dichlorobenzene		µg/L	0.83	U	0.83	U	NR	
95-48-7	2-Methylphenol		µg/L	0.76	U	0.76	U	NR	
108-60-1	bis(2-Chloroisopropyl)ether		µg/L	1	U	1	U	NR	
106-44-5	3+4-Methylphenol		µg/L	0.72	U	0.72	U	NR	
621-64-7	N-Nitrosodi-n-propylamine		µg/L	0.86	U	0.86	U	NR	
67-72-1	Hexachloroethane		µg/L	0.9	U	0.9	U	NR	
98-95-3	Nitrobenzene		µg/L	0.89	U	0.89	U	NR	
78-59-1	Isophorone		µg/L	0.76	U	0.76	U	NR	
88-75-5	2-Nitrophenol		µg/L	0.65	U	0.65	U	NR	
105-67-9	2,4-Dimethylphenol		µg/L	0.95	U	0.95	U	NR	
111-91-1	bis(2-Chloroethoxy)methane		µg/L	0.78	U	0.78	U	NR	
120-83-2	2,4-Dichlorophenol		µg/L	0.62	U	0.62	U	NR	
120-82-1	1,2,4-Trichlorobenzene		µg/L	0.85	U	0.85	U	NR	
106-47-8	4-Chloroaniline		µg/L	0.52	U	0.52	U	NR	
87-68-3	Hexachlorobutadiene		µg/L	0.83	U	0.83	U	NR	
59-50-7	4-Chloro-3-methylphenol		µg/L	0.72	U	0.72	U	NR	
77-47-4	Hexachlorocyclopentadiene		µg/L	0.72	U	0.72	U	NR	
88-06-2	2,4,6-Trichlorophenol		µg/L	0.47	U	0.47	U	NR	
95-95-4	2,4,5-Trichlorophenol		µg/L	0.58	U	0.58	U	NR	
91-58-7	2-Chloronaphthalene		µg/L	0.81	U	0.81	U	NR	
88-74-4	2-Nitroaniline		µg/L	0.56	U	0.56	U	NR	
131-11-3	Dimethylphthalate		µg/L	1.3	U	1.3	U	NR	
606-20-2	2,6-Dinitrotoluene		µg/L	0.78	U	0.78	U	NR	

TABLE 5
SUMMARY OF GROUNDWATER SAMPLE RESULTS
FARRINGTON STREET SITE

	Client Sample ID:	NYSDEC		01-01898-007		01-01898-008		01-01898-009
	Laboratory ID:	Class GA		K2633-7		K2633-8		K2632-9
	Sample Location:	Groundwater		CH2-MW-1		MW-5		TB-1
	Sample Depth (ft bg):	Quality Standards		(MW-A)		(GT-2)		
	Matrix:	and Guidance		Water		Water		Water
	Validated:	Values		No		No		No
	Sampling Date:			02/22/2001		02/22/2001		02/22/2001
Cas #:	Analyte:		Units:					
99-09-2	3-Nitroaniline		µg/L	0.82	U	0.82	U	NR
51-28-5	2,4-Dinitrophenol		µg/L	0.57	U	0.57	U	NR
100-02-7	4-Nitrophenol		µg/L	0.36	U	0.36	U	NR
132-64-9	Dibenzofuran	NS	µg/L	**7.8**		**8.8**		NR
121-14-2	2,4-Dinitrotoluene		µg/L	0.61	U	0.61	U	NR
84-66-2	Diethylphthalate	50 (G)	µg/L	**0.4**	**J**	**0.59**	**J**	NR
7005-72-3	4-Chlorophenyl phenyl ether		µg/L	0.68	U	0.68	U	NR
100-01-6	4-Nitroaniline		µg/L	0.56	U	0.56	U	NR
534-52-1	4,6-Dinitro-2-methylphenol		µg/L	0.58	U	0.58	U	NR
86-30-6	N-Nitrosodiphenylamine		µg/L	0.63	U	0.63	U	NR
101-55-3	4-Bromophenyl phenyl ether		µg/L	0.61	U	0.61	U	NR
118-74-1	Hexachlorobenzene		µg/L	0.6	U	0.6	U	NR
87-86-5	Pentachlorophenol		µg/L	0.59	U	0.59	U	NR
86-74-8	Carbazole	NS	µg/L	**10.8**		**9.9**		NR
84-74-2	Di-n-butylphthalate		µg/L	**0.29**	**J**	**0.46**	**J**	NR
85-68-7	Butylbenzylphthalate		µg/L	3.29	U	3.29	U	NR
91-94-1	3,3'-Dichlorobenzidine		µg/L	1.2	U	1.2	U	NR
117-81-7	bis(2-Ethylhexyl)phthalate	5	µg/L	**1.7**	**J**	**0.65**	**J**	NR
117-84-0	Di-n-octylphthalate		µg/L	0.5	U	0.5	U	NR
	Non-Carcinogenic PAHs							
83-32-9	Acenaphthene	20 (G)	µg/L	**46.7**		**39.9**		NR
208-96-8	Acenaphthylene	NS	µg/L	**26.7**		**43.1**		NR
120-12-7	Anthracene	50 (G)	µg/L	**2.5**		**5.2**		NR
191-24-2	Benzo(g,h,i)perylene	NS	µg/L	0.4	U	0.4	U	NR
206-44-0	Fluoranthene	50 (G)	µg/L	**4.4**		**5.4**		NR
86-73-7	Fluorene	50 (G)	µg/L	**1.8**		**9.2**		NR
91-57-6	2-Methylnaphthalene	NS	µg/L	**0.3**	**J**	**26.5**		NR
91-20-3	Naphthalene	10 (G)	µg/L	**25.9**		**101**	E	NR
85-01-8	Phenanthrene	50 (G)	µg/L	**6**		**31.9**		NR
129-00-0	Pyrene	50 (G)	µg/L	**4.3**		**5.7**		NR
	Total Non-Carcinogenic PAHs		µg/L	118.6		267.9		NR
	Probable Carcinogenic PAHs							
56-55-3	Benzo(a)anthracene	0.002	µg/L	0.47	U	**0.42**	J	NR
205-99-2	Benzo(b)fluoranthene	0.002	µg/L	0.45	U	0.45	U	NR
207-08-9	Benzo(k)fluoranthene	0.002	µg/L	0.29	U	0.29	U	NR
50-32-8	Benzo(a)pyrene	ND	µg/L	0.36	U	0.36	U	NR
218-01-9	Chrysene	0.002	µg/L	0.56	U	**0.47**	J	NR
193-39-5	Indeno(1,2,3-cd)pyrene	0.002	µg/L	0.45	U	0.45	U	NR
53-70-3	Dibenz(a,h)anthracene	NS	µg/L	0.47	U	0.47	U	NR
	Total Probable Carcinogenic PAHs		µg/L	ND		0.89		NR
	Total PAHs		µg/L	**118.6**		**268.79**		**NR**
	Metals							
7429-90-5	Aluminum	0.1.	mg/L	0.096	U	**0.21**		NR
7440-36-0	Antimony		mg/L	0.003	J	0.004	U	NR
7440-38-2	Arsenic	0.025	mg/L	0.0053	U	0.0053	U	NR
7440-39-3	Barium	1	mg/L	0.37		0.34		NR
7440-41-7	Beryllium	0.003	mg/L	0.0013	U	0.0013	U	NR
7440-43-9	Cadmium	0.005 (G)	mg/L	0.001	J	0.001	J	NR
7440-70-2	Calcium	NS	mg/L	96.9		119		NR
7440-47-3	Chromium	0.05	mg/L	0.004		0.005		NR
7440-48-4	Cobalt	NS	mg/L	0.0013	U	0.003		NR
7440-50-8	Copper	0.2	mg/L	0.0024	U	0.0024	U	NR
7439-89-6	Iron	0.3	mg/L	**22.6**		**20.1**		NR
7439-92-1	Lead	0.025	mg/L	0.008		0.012		NR
7439-95-4	Magnesium	35 (G)	mg/L	21.1		32.6		NR
7439-96-5	Manganese	0.3	mg/L	**5.21**		**4.42**		NR
7439-97-6	Mercury	0.0007	mg/L	0.00005	U	0.00005	U	NR
7440-02-0	Nickel	0.1	mg/L	0.001	J	0.006		NR
7440-09-7	Potassium	NS	mg/L	10.4		12.6		NR
7782-49-2	Selenium	0.01	mg/L	0.0052	U	0.0052	U	NR
7440-22-4	Silver		mg/L	0.0017	U	0.0017	U	NR
7440-23-5	Sodium	20	mg/L	**332**		**370**		NR
7440-28-0	Thallium		mg/L	0.013		0.008		NR
7440-62-2	Vanadium	NS	mg/L	0.006		0.009		NR
7440-66-6	Zinc	2 (G)	mg/L	0.8		**8.14**		NR
57-12-5	Cyanide	0.2	mg/L	0.003	U	0.003	U	NR

Table 6
Summary of GC/FID Fingerprint Results
Farrington Street Site

Sample ID	Sample Location	Sample Depth	Matrix	Fingerprint Result
01-01727-004	TP-1 tar pump		Soil	Weathered MGP tar, carburetted water gas
01-01610-003	TP-1 skim	1.5 ft	Soil	Severely weathered tar and weathered #6 or residual carburetion oil l
01-01718-001	TP-2 sump oil	NA	NAPL	Severely weathered #6 oil or residual carburetion oil
01-01727-003	TP-2 Sludge	11 ft	NAPL	Severely weathered #6 oil or residual carburetion oil
01-01610-001	TP-2 sump		Soil	MGP tar and weathered #6 or residual carburetion oil l
01-01718-002	TP-4 oil/soil		Soil	Weathered MGP tar, carburetted water gas
01-01727-001	TP-4 waste	3– 4 ft	Soil	Weathered MGP tar, carburetted water gas
01-01727-002	TP-4 fill	1– 1.5 ft	Soil	Weathered MGP tar, carburetted water gas
01-01896-005	TP-7 skim	1-1.5 ft	Soil	Severely weathered tar and weathered #6 or residual carburetion oil l
01-01896-012	TP-8 skim	2.3-3 ft	Soil	MGP tar and weathered #6 weathered #6 or residual carburetion oil l
01-01896-013	TP-8 skim	2.5-3 ft	Soil	Weathered MGP tar, carburetted water gas
01-01896-014	UST fluid	NA	NAPL	Severely weathered #6 oil or residual carburetion oil
01-02458-001	TP1-SB2	31-32 ft	Soil	Weathered MGP tar, carburetted water gas
01-02458-002	TP8-SB1	6-7 ft	Soil	Weathered MGP tar, carburetted water gas

Table 6
Summary of GC/FID Fingerprint Results
Farrington Street Site

Sample ID	Sample Location	Sample Depth	Matrix	Fingerprint Result
01-01156-001	SB-2	19-20 ft	Soil	Weathered MGP tar and unknown
01-01174-011	SB-4	14–15 ft	Soil	No discernable pattern because no analytes were detected
01-03591-001	SB-9	2.5-3 ft	Soil	Weathered MGP tar, carburetted water gas
01-01156-002	GT-2	13-15 ft	Soil	Possible weathered MGP tar, low concentrations
FP-01		NA	NAPL	Severely weathered #6 oil or residual carburetion oil

Table 7

Consolidated Edison Company of New York, Inc.

Post Excavation Sample Results

		SB-9 Area						TP-1 Area						
	Sample ID:	SB-9B-1	SB-9SW-1	SB-9SW-2	SB-9SW-3	SB-9SW-3A	SB-9SW-4	TP-1 B-1	TP-1 SW-1	TP-1 SW-2	TP-1 SW-3	TP-1 SW-4	TP3B-1	TP-3SW-1
	Lab Sample Id:	P5429-01	P5408-01	P5408-02	P5408-03	P5408-05	P5408-04	P5338-15	P5338-11	P5338-12	P5338-13	P5338-14	P5474-13	P5474-07
	Source:	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech
	SDG:	P5429	P5408	P5408	P5408	P5408	P5408	P5338	P5338	P5338	P5338	P5338	P5474	P5474
	Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Sampled:	12/10/2002	12/9/2002	12/9/2002	12/9/2002	12/9/2002	12/9/2002	12/2/2002	12/2/2002	12/2/2002	12/2/2002	12/2/2002	12/11/2002	12/11/2002
COMPOUND	UNITS:													
VOLATILES														
Chloromethane	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	ug/Kg	ND	ND	ND	ND	ND	ND	ND	10	ND	ND	ND	ND	ND
Carbon Disulfide	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	ug/Kg	7.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	ug/Kg	ND	ND	ND	13 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ug/Kg	ND	ND	ND	420	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	ug/Kg	ND	ND	ND	15 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-Pentanone	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	ug/Kg	ND	ND	ND	170	ND	ND	ND	ND	ND	ND	ND	ND	ND
t-1,3-Dichloropropene	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ug/Kg	ND	ND	ND	320	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethyl Benzene	ug/Kg	ND	ND	ND	35 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
m/p-Xylenes	ug/Kg	ND	ND	ND	810	ND	ND	ND	ND	ND	ND	ND	ND	ND
o-Xylene	ug/Kg	ND	ND	ND	620	ND	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	ug/Kg	ND	ND	ND	240	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TOTAL VOCs	ug/Kg	7.2	ND	ND	2643	ND	ND	ND	10	ND	ND	ND	ND	ND
PAHs														
Naphthalene	ug/Kg	2200	ND	ND	98000 D	ND	ND	ND	ND	ND	ND	ND	2800	ND
Acenaphthylene	ug/Kg	150 J	ND	ND	120000 D	660	ND	620	790	49 J	ND	ND	380 J	1200 JD
Acenaphthene	ug/Kg	1000	ND	ND	24000 D	ND	ND	ND	ND	ND	ND	ND	260 J	ND
Fluorene	ug/Kg	920	ND	ND	100000 D	65 J	ND	110 J	93 J	ND	ND	ND	1300	4400
Phenanthrene	ug/Kg	2100	ND	ND	360000 D	690	ND	72 J	110 J	ND	53 J	ND	1900 D	ND
Anthracene	ug/Kg	610	ND	ND	82000 D	230 J	ND	120 J	100 J	ND	ND	ND	670	3000
Fluoranthene	ug/Kg	570	ND	ND	79000 D	2500	ND	140 J	1500	ND	ND	ND	1100	1600 J
Pyrene	ug/Kg	810	ND	ND	220000 D	4400 D	ND	280 J	2500	ND	46 J	ND	1400	740 D
Benzo(a)anthracene	ug/Kg	270 J	ND	ND	41000 D	1600	ND	170 J	1200	ND	ND	ND	400	7300
Chrysene	ug/Kg	250 J	ND	ND	42000 D	1900	ND	220 J	1100	ND	ND	ND	330 J	7800
Benzo(b)fluoranthene	ug/Kg	140 J	ND	ND	27000 D	2300	ND	470	1100	ND	ND	ND	150 J	1500 JD
Benzo(k)fluoranthene	ug/Kg	ND	ND	ND	16000 JD	1300	ND	260 J	590	ND	ND	ND	ND	11000
Benzo(a)pyrene	ug/Kg	220 J	ND	ND	12000	2100	ND	810	1400	ND	59 J	ND	260 J	2500 D
Indeno(1,2,3-cd)pyrene	ug/Kg	ND	ND	ND	4600	310 J	ND	180 J	240 J	ND	ND	ND	ND	2200
Dibenz(a,h)anthracene	ug/Kg	ND	ND	ND	ND	180 J	ND	ND	69 J	ND	ND	ND	ND	1300 J
Benzo(g,h,i)perylene	ug/Kg	ND	ND	ND	6200	680	ND	330 J	320 J	64 J	ND	ND	67 J	8400
TOTAL PAHs	ug/Kg	9240	ND	ND	1231800	18915	ND	3782	11112	113	158	ND	11017	52940

Notes:

(4) ND indicated compound was not detected.

(5) J indicates an estimated concentration.

(6) D indicates the compound was identified at a secondary dilution factor.

(7) Shaded values exceeds soil cleanup objective (10,000 ug/Kg for total VOCs and 500,000 ug/Kg for total PAHs).

Table 7

Consolidated Edison Company of New York, Inc.

Post Excavation Sample Results

		TP-3 Area					TP-4 Area					TP-5 Area		
	Sample ID:	TP-3SW-2	TP3SW-3	TP3SW-4	TP3SW-5	TP3SW-6	B-1-TP-4	SW-1-TP-4	SW-2-TP-4	SW-3-TP-4	SW-4-TP-4	TP-5 B-1	TP-5 SW-1	TP-5 SW-2
	Lab Sample Id:	P5474-08	P5474-09	P5474-10	P5474-11	P5474-12	P5350-05	P5350-01	P5350-02	P5350-03	P5350-04	P5338-05	P5338-01	P5338-02
	Source:	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech
	SDG:	P5474	P5474	P5474	P5474	P5474	P5350	P5350	P5350	P5350	P5350	P5338	P5338	P5338
	Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Sampled:	12/11/2002	12/11/2002	12/11/2002	12/11/2002	12/11/2002	12/3/2002	12/3/2002	12/3/2002	12/3/2002	12/3/2002	12/2/2002	12/2/2002	12/2/2002
COMPOUND	UNITS:													
VOLATILES														
Chloromethane	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Disulfide	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	ug/Kg	ND	ND	ND	ND	ND	34	7.5	23 J	6.8	5 J	6.2	7	7.3
trans-1,2-Dichloroethene	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-Pentanone	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	ug/Kg	ND	ND	ND	ND	ND	ND	ND	31	ND	ND	ND	ND	ND
t-1,3-Dichloropropene	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethyl Benzene	ug/Kg	ND	ND	120	24 J	ND	29	ND	100	ND	ND	ND	ND	ND
m/p-Xylenes	ug/Kg	ND	ND	71	ND	ND	40	ND	97	ND	ND	ND	ND	ND
o-Xylene	ug/Kg	ND	ND	99	18 J	ND	36	ND	57	ND	ND	ND	ND	ND
Styrene	ug/Kg	1100	ND	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TOTAL VOCs	ug/Kg	1100	ND	390	42	ND	139	7.5	308	6.8	5	6.2	7	7.3
PAHs														
Naphthalene	ug/Kg	98 J	ND	6000 D	69 J	400	340 J	ND	6700	ND	ND	ND	ND	ND
Acenaphthylene	ug/Kg	1500	ND	2200	ND	1100	ND	ND	2600	ND	ND	ND	ND	ND
Acenaphthene	ug/Kg	ND	ND	1700	ND	98 J	ND	ND	1700	ND	ND	ND	ND	ND
Fluorene	ug/Kg	170 J	ND	5200 D	80 J	490	54 J	ND	5100	ND	ND	ND	ND	ND
Phenanthrene	ug/Kg	86 J	ND	12000 D	380	2200	140 J	ND	10000	ND	ND	ND	ND	ND
Anthracene	ug/Kg	160 J	ND	2600	ND	460	48 J	ND	2900	ND	ND	ND	ND	ND
Fluoranthene	ug/Kg	230 J	ND	4000 D	50 J	2200	99 J	ND	4200	ND	ND	ND	ND	ND
Pyrene	ug/Kg	540	ND	5300 D	71 J	2900	150 J	ND	5200	ND	ND	ND	ND	ND
Benzo(a)anthracene	ug/Kg	400	ND	2300	ND	1200	49 J	ND	2700	ND	ND	ND	ND	ND
Chrysene	ug/Kg	460	ND	2000	ND	1200	ND	ND	2400	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	ug/Kg	1300	ND	2300	ND	1500	ND	ND	2300	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	ug/Kg	720	ND	920	ND	690	ND	ND	1100	ND	ND	ND	ND	ND
Benzo(a)pyrene	ug/Kg	2300	ND	2500 JD	ND	1900	ND	ND	3200	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	ug/Kg	160 J	ND	150 J	ND	230 J	ND	ND	400 J	ND	ND	ND	ND	ND
Dibenz(a,h)anthracene	ug/Kg	ND	ND	85 J	ND	ND	ND	ND	140 J	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	ug/Kg	440	ND	490	ND	310 J	ND	ND	670	ND	ND	ND	ND	ND
TOTAL PAHs	ug/Kg	8564	ND	49745	650	16878	880	ND	51310	ND	ND	ND	ND	ND

Notes:

(4) ND indicated compound was not detected.

(5) J indicates an estimated concentration.

(6) D indicates the compound was identified at a secondary dilution factor.

(7) Shaded values exceeds soil cleanup objective (10,000 ug/Kg for total VOCs and 500,000 ug/Kg for total PAHs).

Table 7

Consolidated Edison Company of New York, Inc.

Post Excavation Sample Results

				TP-6 Area								
	Sample ID:	TP-5 SW-3	TP-5 SW-4	TP-6 B-1	TP-6 SW-1	TP-6 SW-2	TP-6 SW-3	TP-6 SW-4	TP-7B-1	TP-7SW-1	TP-7SW-2	TP-7SW-3
	Lab Sample Id:	P5338-03	P5338-04	P5338-10	P5338-06	P5338-07	P5338-08	P5338-09	P5298-05	P5298-01	P5298-02	P5298-03
	Source:	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech
	SDG:	P5338	P5338	P5338	P5338	P5338	P5338	P5338	P5298	P5298	P5298	P5298
	Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Sampled:	12/2/2002	12/2/2002	12/2/2002	12/2/2002	12/2/2002	12/2/2002	12/2/2002	11/27/2002	11/27/2002	11/27/2002	11/27/2002
COMPOUND	UNITS:											
VOLATILES												
Chloromethane	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	ug/Kg	ND	ND	ND	ND	ND	11	15	ND	27	21	ND
Carbon Disulfide	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	ug/Kg	6.5	5.9 J	ND	ND	ND	ND	ND	2.6 J	2.6 J	1.8 J	4.2 J
trans-1,2-Dichloroethene	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	ug/Kg	ND	ND	ND	ND	ND	ND	1.3 J	ND	ND	ND	ND
1,2-Dichloroethane	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-Pentanone	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	ug/Kg	ND	ND	ND	ND	ND	ND	7.2	ND	ND	ND	ND
t-1,3-Dichloropropene	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethyl Benzene	ug/Kg	ND	ND	ND	ND	ND	ND	18	ND	ND	ND	ND
m/p-Xylenes	ug/Kg	ND	ND	ND	ND	ND	ND	14	ND	ND	ND	ND
o-Xylene	ug/Kg	ND	ND	ND	ND	ND	ND	16	ND	ND	ND	1.8 J
Styrene	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TOTAL VOCs	ug/Kg	6.5	5.9	ND	ND	ND	11	71.5	2.6	29.6	22.8	6
PAHs												
Naphthalene	ug/Kg	ND	ND	14000	98 J	190 J	ND	7500	ND	ND	ND	ND
Acenaphthylene	ug/Kg	ND	ND	4100	180 J	ND	ND	2200	13000	400	ND	ND
Acenaphthene	ug/Kg	ND	ND	1500	ND	ND	ND	2100	300 J	ND	ND	ND
Fluorene	ug/Kg	ND	ND	3700	82 J	ND	ND	6600	2600	ND	ND	ND
Phenanthrene	ug/Kg	ND	ND	10000	190 J	48 J	ND	16000	670 J	47 J	ND	ND
Anthracene	ug/Kg	ND	ND	3000	61 J	ND	ND	4500	2400	ND	ND	ND
Fluoranthene	ug/Kg	ND	ND	3000	140 J	ND	ND	5500	39000 D	970	ND	42 J
Pyrene	ug/Kg	ND	ND	4200	290 J	ND	ND	7200	72000 D	1500	64 J	57 J
Benzo(a)anthracene	ug/Kg	ND	ND	1800	180 J	ND	ND	3600	32000 D	650	ND	ND
Chrysene	ug/Kg	ND	ND	1300	190 J	ND	ND	3000	30000 D	610	ND	ND
Benzo(b)fluoranthene	ug/Kg	ND	ND	930	240 J	ND	ND	2100	21000 D	470	ND	ND
Benzo(k)fluoranthene	ug/Kg	ND	ND	770	ND	ND	ND	1700	13000	850	ND	ND
Benzo(a)pyrene	ug/Kg	ND	ND	1600	300 J	ND	ND	3200	25000 D	580	ND	ND
Indeno(1,2,3-cd)pyrene	ug/Kg	ND	ND	230 J	140 J	ND	ND	340 J	1600 J	130 J	ND	ND
Dibenz(a,h)anthracene	ug/Kg	ND	ND	63 J	ND	ND	ND	130 J	900 J	ND	ND	ND
Benzo(g,h,i)perylene	ug/Kg	ND	ND	360	180 J	ND	ND	720	4900	ND	ND	ND
TOTAL PAHs	ug/Kg	ND	ND	50553	2271	238	ND	66390	258370	6207	64	99

Notes:

(4) ND indicated compound was not detected.

(5) J indicates an estimated concentration.

(6) D indicates the compound was identified at a secondary dilution factor.

(7) Shaded values exceeds soil cleanup objective (10,000 ug/Kg for total VOCs and 500,000 ug/Kg for total PAHs).

Table 7

Consolidated Edison Company of New York, Inc.

Post Excavation Sample Results

		TP-7 Area					TP-8 Area						
	Sample ID:	TP-7SW-4	TP-7X-B-1	TP-7X-SW-1	TP-7X-SW-2	TP-7X-SW-3	TP-8 B-1	TP-8 B-2	TP-8 B-5	TP-8 B-6(1)	TP-8 B-6(2)	TP-8 SW-1	TP-8 SW-10
	Lab Sample Id:	P5298-04	R1430-03	R1430-04	R1430-05	R1437-02	R1099-01	R1099-02	R1352-02	R1352-03	R1352-03	R1099-03	R1353-02
	Source:	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech
	SDG:	P5298	R1430	R1430	R1430	R1437	R1099	R1099	R1352	R1353	R1352	R1099	R1353
	Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Sampled:	11/27/2002	2/3/2003	2/3/2003	2/3/2003	2/3/2003	1/8/2003	1/8/2003	1/28/2003	1/29/2003	1/28/2003	1/8/2003	1/29/2003
COMPOUND	UNITS:												
VOLATILES													
Chloromethane	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Disulfide	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	ug/Kg	3 J	5.6 J	ND	6.8	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	76	ND
1,2-Dichloroethane	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-Pentanone	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	900	ND
t-1,3-Dichloropropene	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	76	ND
Chlorobenzene	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethyl Benzene	ug/Kg	6.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	620	ND
m/p-Xylenes	ug/Kg	14	ND	ND	ND	ND	ND	ND	ND	ND	ND	4400	ND
o-Xylene	ug/Kg	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	1700	ND
Styrene	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1300	ND
Bromoform	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TOTAL VOCs	ug/Kg	33.9	5.6	ND	6.8	ND	ND	ND	ND	ND	ND	9072	ND
PAHs													
Naphthalene	ug/Kg	1500	ND	ND	ND	ND	ND	ND	ND	110 J	ND	210000 D	ND
Acenaphthylene	ug/Kg	1200	ND	ND	ND	ND	ND	ND	ND	ND	ND	62000 D	ND
Acenaphthene	ug/Kg	310 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	15000	ND
Fluorene	ug/Kg	1600	ND	ND	ND	ND	ND	ND	ND	ND	ND	140000 D	ND
Phenanthrene	ug/Kg	3000	ND	ND	ND	ND	ND	ND	ND	ND	ND	310000 D	ND
Anthracene	ug/Kg	940	ND	ND	ND	ND	ND	ND	ND	ND	ND	77000 D	ND
Fluoranthene	ug/Kg	1400	48 J	ND	ND	ND	ND	ND	ND	ND	ND	87000 D	ND
Pyrene	ug/Kg	2000	95 J	ND	ND	ND	ND	ND	ND	ND	47 J	160000 D	ND
Benzo(a)anthracene	ug/Kg	930	ND	ND	ND	ND	ND	ND	ND	ND	ND	50000 D	ND
Chrysene	ug/Kg	950	ND	ND	ND	ND	ND	ND	ND	ND	ND	48000 D	ND
Benzo(b)fluoranthene	ug/Kg	760	ND	ND	ND	ND	ND	ND	ND	ND	ND	27000 JD	ND
Benzo(k)fluoranthene	ug/Kg	480	ND	ND	ND	ND	ND	ND	ND	ND	ND	12000	ND
Benzo(a)pyrene	ug/Kg	990	ND	ND	ND	ND	ND	ND	ND	ND	ND	39000 D	ND
Indeno(1,2,3-cd)pyrene	ug/Kg	180 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	2700	ND
Dibenz(a,h)anthracene	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	990 J	ND
Benzo(g,h,i)perylene	ug/Kg	260 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	6400	ND
TOTAL PAHs	ug/Kg	16500	143	ND	ND	ND	ND	ND	ND	110	47	1247090	ND

Notes:

(4) ND indicated compound was not detected.

(5) J indicates an estimated concentration.

(6) D indicates the compound was identified at a secondary dilution factor.

(7) Shaded values exceeds soil cleanup objective (10,000 ug/Kg for total VOCs and 500,000 ug/Kg for total PAHs).

Table 7

Consolidated Edison Company of New York, Inc.

Post Excavation Sample Results

		TP-8 Area (continued)										
	Sample ID:	TP-8 SW-11	TP-8 SW-2	TP-8 SW-3	TP-8 SW-4	TP-8 SW-6	TP-8 SW-7	TP-8 SW-8	TP-8 SW-9	TP-8B-3	TP-8B-4	TP-8SW-5
	Lab Sample Id:	R1353-03	R1099-04	R1099-05	R1099-06	R1352-04	R1352-05	R1352-06	R1352-07	R1282-01	R1282-02	R1282-03
	Source:	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech
	SDG:	R1353	R1099	R1099	R1099	R1352	R1352	R1352	R1352	R1282	R1282	R1282
	Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Sampled:	1/29/2003	1/8/2003	1/8/2003	1/8/2003	1/28/2003	1/28/2003	1/28/2003	1/28/2003	1/20/2003	1/20/2003	1/20/2003
COMPOUND	UNITS:											
VOLATILES												
Chloromethane	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Disulfide	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	4 J	ND	ND
1,2-Dichloroethane	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-Pentanone	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	ug/Kg	2.7 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
t-1,3-Dichloropropene	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethyl Benzene	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	6.4 J	ND	ND
m/p-Xylenes	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	9.3	ND	ND
o-Xylene	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	7.4	ND	ND
Styrene	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TOTAL VOCs	ug/Kg	2.7	ND	ND	ND	ND	ND	ND	ND	27.1	ND	ND
PAHs												
Naphthalene	ug/Kg	ND	52 J	ND	ND	ND	ND	66 J	ND	110 J	ND	ND
Acenaphthylene	ug/Kg	ND	170 J	ND	ND	ND	140 J	140 J	66 J	ND	ND	ND
Acenaphthene	ug/Kg	ND	64 J	ND	ND	ND	68 J	130 J	ND	ND	ND	ND
Fluorene	ug/Kg	ND	470	ND	ND	ND	250 J	370	130 J	90 J	ND	ND
Phenanthrene	ug/Kg	ND	1300	ND	ND	ND	570	960	270 J	260 J	ND	59 J
Anthracene	ug/Kg	ND	280 J	ND	ND	ND	220 J	290 J	97 J	ND	ND	ND
Fluoranthene	ug/Kg	ND	320 J	ND	55 J	ND	410	580	180 J	63 J	ND	ND
Pyrene	ug/Kg	ND	590	ND	140 J	ND	730	830	330 J	100 J	ND	40 J
Benzo(a)anthracene	ug/Kg	ND	160 J	ND	44 J	ND	240 J	300 J	120 J	ND	ND	ND
Chrysene	ug/Kg	ND	170 J	ND	ND	ND	250 J	320 J	130 J	ND	ND	ND
Benzo(b)fluoranthene	ug/Kg	ND	98 J	ND	ND	ND	170 J	240 J	110 J	ND	ND	ND
Benzo(k)fluoranthene	ug/Kg	ND	ND	ND	ND	ND	120 J	160 J	ND	ND	ND	ND
Benzo(a)pyrene	ug/Kg	ND	160 J	ND	ND	ND	260 J	320 J	140 J	ND	ND	ND
Indeno(1,2,3-cd)pyrene	ug/Kg	ND	ND	ND	ND	ND	93 J	120 J	ND	ND	ND	ND
Dibenz(a,h)anthracene	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	ug/Kg	ND	52 J	ND	ND	ND	130 J	160 J	69 J	ND	ND	ND
TOTAL PAHs	ug/Kg	ND	3886	ND	239	ND	3651	4986	1642	623	ND	99

Notes:

(4) ND indicated compound was not detected.

(5) J indicates an estimated concentration.

(6) D indicates the compound was identified at a secondary dilution factor.

(7) Shaded values exceeds soil cleanup objective (10,000 ug/Kg for total VOCs and 500,000 ug/Kg for total PAHs).

Table 7

Consolidated Edison Company of New York, Inc.

Post Excavation Sample Results

		Drip Leg 1 Area											
	Sample ID:	DL-1B-1	DL-1B-2	DL-1B-3	DL-1B-5	DP-B-1	DP-1-SW-1	DP-1-SW-2	DL-1SW1	DL-1SW-10	DL-1SW-11	DL-1SW2	DL-1SW3
	Lab Sample Id:	R1282-08	R1282-10	R1282-16	R1282-11	R1479-09	R1479-07	R1479-08	R1282-04	R1282-13	R1282-12	R1282-05	R1282-06
	Source:	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech
	SDG:	R1282	R1282	R1282	R1282	R1479	R1479	R1479	R1282	R1282	R1282	R1282	R1282
	Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Sampled:	1/20/2003	1/20/2003	1/21/2003	1/21/2003	2/6/2003	2/6/2003	2/6/2003	1/20/2003	1/21/2003	1/21/2003	1/20/2003	1/20/2003
COMPOUND	UNITS:												
VOLATILES													
Chloromethane	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	ug/Kg	ND	ND	ND	ND	110	ND	ND	ND	ND	ND	ND	ND
Carbon Disulfide	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	ug/Kg	ND	ND	ND	ND	320	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-Pentanone	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	ug/Kg	ND	ND	ND	ND	17 J	ND	ND	ND	ND	ND	ND	ND
t-1,3-Dichloropropene	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethyl Benzene	ug/Kg	ND	ND	ND	ND	1400	ND	ND	ND	ND	ND	ND	ND
m/p-Xylenes	ug/Kg	ND	ND	ND	ND	ND	27 J	ND	ND	ND	ND	ND	ND
o-Xylene	ug/Kg	ND	ND	ND	ND	83	49	ND	ND	ND	ND	ND	ND
Styrene	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TOTAL VOCs	ug/Kg	ND	ND	ND	ND	1930	76	ND	ND	ND	ND	ND	ND
PAHs													
Naphthalene	ug/Kg	110 J	ND	73 J	ND	ND	560	ND	ND	ND	ND	ND	ND
Acenaphthylene	ug/Kg	80 J	150 J	93 J	450	780	1700	380	210 J	ND	ND	ND	ND
Acenaphthene	ug/Kg	ND	ND	ND	ND	3800 D	1100	ND	ND	ND	ND	ND	ND
Fluorene	ug/Kg	ND	ND	120 J	ND	4500 D	2600	44 J	62 J	ND	ND	ND	ND
Phenanthrene	ug/Kg	98 J	58 J	350 J	ND	8700 D	5400 D	ND	370	ND	ND	ND	ND
Anthracene	ug/Kg	ND	ND	85 J	140 J	1900	1500	70 J	110 J	ND	ND	ND	ND
Fluoranthene	ug/Kg	140 J	200 J	190 J	92 J	2700	1800	43 J	600	ND	ND	ND	ND
Pyrene	ug/Kg	220 J	340 J	260 J	400	4900 D	3500 D	43 J	780	ND	ND	ND	ND
Benzo(a)anthracene	ug/Kg	120 J	180 J	110 J	190 J	1600	1300	190 J	430	ND	ND	ND	ND
Chrysene	ug/Kg	140 J	180 J	120 J	210 J	1400	1100	180 J	460	ND	ND	ND	ND
Benzo(b)fluoranthene	ug/Kg	150 J	200 J	120 J	450	680	660	230 J	500	ND	ND	ND	ND
Benzo(k)fluoranthene	ug/Kg	ND	120 J	ND	260 J	520	600	240 J	230 J	ND	ND	ND	ND
Benzo(a)pyrene	ug/Kg	140 J	220 J	120 J	380	1200	1200	430	460	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	ug/Kg	ND	68 J	ND	150 J	310 J	260 J	130 J	95 J	ND	ND	ND	ND
Dibenz(a,h)anthracene	ug/Kg	ND	ND	ND	ND	160 J	150 J	55 J	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	ug/Kg	ND	ND	54 J	ND	320 J	280 J	130 J	140 J	ND	ND	ND	ND
TOTAL PAHs	ug/Kg	1198	1716	1695	2722	33470	23710	2165	4447	ND	ND	ND	ND

Notes:

(4) ND indicated compound was not detected.

(5) J indicates an estimated concentration.

(6) D indicates the compound was identified at a secondary dilution factor.

(7) Shaded values exceeds soil cleanup objective (10,000 ug/Kg for total VOCs and 500,000 ug/Kg for total PAHs).

Table 7

Consolidated Edison Company of New York, Inc.

Post Excavation Sample Results

		Drip Leg Area 1 (continued)				Drip Leg 2 Area			Drip Leg 3 Area				
	Sample ID:	DL-1SW4	DL-1SW5	DL-1SW-6	DL-1SW7	DL-2B-1	DL-2SW-1	DL-2SW-2	DL-3B-11	DL-3-B-22	DL-3-B-33	DL-3SW-1	DL-3-SW-11
	Lab Sample Id:	R1282-07	R1282-09	R1282-14	R1282-15	R1050-03	R1050-01	R1050-02	P5474-06	P5584-05	P5584-06	P5474-01	P5584-02
	Source:	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech
	SDG:	R1282	R1282	R1282	R1282	R1050	R1050	R1050	P5474	P5584	P5584	P5474	P5584
	Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Sampled:	1/20/2003	1/20/2003	1/21/2003	1/21/2003	12/30/2002	12/30/2002	12/30/2002	12/12/2002	12/16/2002	12/16/2002	12/10/2002	12/16/2002
COMPOUND	UNITS:												
VOLATILES													
Chloromethane	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Disulfide	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-Pentanone	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
t-1,3-Dichloropropene	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethyl Benzene	ug/Kg	1.5 J	ND	ND	ND	12	ND	ND	620 J	ND	ND	ND	ND
m/p-Xylenes	ug/Kg	12	ND	ND	ND	66	ND	ND	1300 J	ND	ND	ND	ND
o-Xylene	ug/Kg	5.1 J	ND	ND	ND	70	ND	ND	950	3.1 J	ND	ND	ND
Styrene	ug/Kg	ND	ND	ND	ND	56	3.3 J	ND	ND	ND	ND	ND	ND
Bromoform	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TOTAL VOCs	ug/Kg	18.6	ND	ND	ND	204	3.3	ND	2870	3.1	ND	ND	ND
PAHs													
Naphthalene	ug/Kg	ND	ND	ND	ND	53000 D	ND	ND	25000 D	1900	1400	ND	ND
Acenaphthylene	ug/Kg	100 J	ND	ND	ND	4600 D	54 J	910	3700 JD	420	490	25000 D	ND
Acenaphthene	ug/Kg	ND	ND	ND	ND	1500	ND	820	4900 D	230 J	170 J	ND	ND
Fluorene	ug/Kg	42 J	ND	ND	ND	6100 D	ND	1800	12000 D	610	620	11000	ND
Phenanthrene	ug/Kg	200 J	ND	ND	ND	8600 D	ND	4400 D	26000 D	1300	1400	2900	ND
Anthracene	ug/Kg	59 J	ND	ND	ND	2200	ND	970	5800 D	340 J	420	13000	ND
Fluoranthene	ug/Kg	280 J	ND	ND	ND	2300	97 J	1200	8000 D	500	760	27000 D	ND
Pyrene	ug/Kg	360 J	45 J	ND	ND	3000 D	260 J	1700	9700 D	440	520	58000 D	ND
Benzo(a)anthracene	ug/Kg	180 J	ND	ND	ND	1100	83 J	600	3500 JD	190 J	250 J	36000 D	ND
Chrysene	ug/Kg	210 J	ND	ND	ND	1100	79 J	530	3600 JD	170 J	240 J	39000 D	ND
Benzo(b)fluoranthene	ug/Kg	250 J	ND	ND	ND	640	44 J	400	2300 JD	120 J	220 J	40000 D	ND
Benzo(k)fluoranthene	ug/Kg	140 J	ND	ND	ND	220 J	ND	120 J	1800	ND	ND	20000 D	ND
Benzo(a)pyrene	ug/Kg	210 J	ND	ND	ND	860	83 J	510	3100 JD	170 J	240 J	59000 D	ND
Indeno(1,2,3-cd)pyrene	ug/Kg	ND	ND	ND	ND	200 J	ND	150 J	220 J	65 J	110 J	6200	ND
Dibenz(a,h)anthracene	ug/Kg	ND	ND	ND	ND	74 J	ND	ND	85 J		ND	3200	ND
Benzo(g,h,i)perylene	ug/Kg	65 J	ND	ND	ND	260 J	ND	210 J	530	64 J	110 J	ND	ND
TOTAL PAHs	ug/Kg	2096	45	ND	ND	85754	700	14320	110235	6519	6950	340300	ND

Notes:

(4) ND indicated compound was not detected.

(5) J indicates an estimated concentration.

(6) D indicates the compound was identified at a secondary dilution factor.

(7) Shaded values exceeds soil cleanup objective (10,000 ug/Kg for total VOCs and 500,000 ug/Kg for total PAHs).

Table 7

Consolidated Edison Company of New York, Inc.

Post Excavation Sample Results

		Drip Leg 3 Area (continued)											
	Sample ID:	DL-3-SW-12	DL-3SW-13	DL-3-SW-14	DL-3-SW-15	DL-3SW-2	DL-3SW-3	DL-3SW-4	DP-3-B-3	DP-3-B-4	DP-3-SW-5	DP-3-SW-6	UST-B-1
	Lab Sample Id:	P5584-03	P5474-05	P5584-04	P5584-01	P5474-02	P5474-03	P5474-04	R1379-10	R1379-11	R1379-12	R1379-13	R1479-05
	Source:	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech
	SDG:	P5584	P5474	P5584	P5584	P5474	P5474	P5474	R1379	R1379	R1379	R1379	R1479
	Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Sampled:	12/16/2002	12/12/2002	12/16/2002	12/16/2002	12/10/2002	12/10/2002	12/10/2002	1/30/2003	1/30/2003	1/30/2003	1/30/2003	2/6/2003
COMPOUND	UNITS:												
VOLATILES													
Chloromethane	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	ug/Kg	ND	ND	ND	ND	ND	ND	98	ND	ND	ND	ND	ND
Carbon Disulfide	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	ug/Kg	ND	42 J	ND	38 J	ND	ND	ND	85	ND	ND	ND	ND
1,2-Dichloroethane	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-Pentanone	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	ug/Kg	ND	1900	ND	120	1000	ND	ND	11000 JD	ND	ND	ND	ND
t-1,3-Dichloropropene	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethyl Benzene	ug/Kg	ND	19000 D	ND	140	15000 D	ND	32 J	370000 D	ND	ND	ND	ND
m/p-Xylenes	ug/Kg	ND	26000 D	ND	240	14000 D	ND	48 J	540000 D	ND	ND	ND	ND
o-Xylene	ug/Kg	ND	14000 D	ND	140	9300 D	ND	41 J	230000 D	ND	ND	ND	ND
Styrene	ug/Kg	ND	ND	ND	120	1200	1300	55 J	73000 D	ND	ND	ND	ND
Bromoform	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TOTAL VOCs	ug/Kg	ND	60942	ND	798	40500	1300	274	1224085	ND	ND	ND	ND
PAHs													
Naphthalene	ug/Kg	ND	180000 D	57 J	120000 D	ND	540 J	23000 D	130000 D	1100	ND	ND	62 J
Acenaphthylene	ug/Kg	ND	14000 JD	130 J	41000 D	13000	13000 JD	3300 JD	37000 D	110 J	ND	ND	670
Acenaphthene	ug/Kg	ND	52000 D	ND	11000	550 J	ND	14000 D	9500 JD	220 J	ND	ND	130 J
Fluorene	ug/Kg	ND	100000 D	110 J	110000 D	2700	6000	25000 D	32000 D	240 J	ND	ND	400
Phenanthrene	ug/Kg	ND	150000 D	380	310000 D	3900	ND	34000 D	100000 D	770	ND	ND	720
Anthracene	ug/Kg	ND	45000 D	94 J	39000 D	6500	5000	13000 D	20000 D	150 J	ND	ND	270 J
Fluoranthene	ug/Kg	ND	67000 D	560	80000 D	40000 D	8000	17000 D	21000 D	220 J	ND	ND	950
Pyrene	ug/Kg	ND	81000 D	820	85000 D	50000 D	30000 D	22000 D	40000 D	450	ND	ND	1600
Benzo(a)anthracene	ug/Kg	ND	33000 D	570	34000 D	26000 D	16000 JD	9500 D	12000 JD	130 J	ND	ND	740
Chrysene	ug/Kg	ND	34000 D	640	37000 D	23000 D	16000 JD	8800 D	12000 JD	130 J	ND	ND	730
Benzo(b)fluoranthene	ug/Kg	ND	20000 D	1100	19000 JD	18000 JD	24000 D	4600 D	3000 JD	46 J	ND	ND	620
Benzo(k)fluoranthene	ug/Kg	ND	10000	310 J	6500	11000	5600 JD	2900	2300	ND	ND	ND	420
Benzo(a)pyrene	ug/Kg	ND	26000 D	1000	29000 D	24000 D	30000 D	7400 D	7300 D	ND	ND	ND	770
Indeno(1,2,3-cd)pyrene	ug/Kg	ND	1900 J	770	6300	ND	2100	440	1800	ND	ND	ND	140 J
Dibenz(a,h)anthracene	ug/Kg	ND	1200 J	200 J	2000 J	870 J	1100 J	180 J	290 J	ND	ND	ND	100 J
Benzo(g,h,i)perylene	ug/Kg	ND	7400	920	6300	5300	8900	1300	1500	ND	ND	ND	200 J
TOTAL PAHs	ug/Kg	ND	822500	7661	936100	224820	166240	186420	429690	3566	ND	ND	8522

Notes:

(4) ND indicated compound was not detected.

(5) J indicates an estimated concentration.

(6) D indicates the compound was identified at a secondary dilution factor.

(7) Shaded values exceeds soil cleanup objective (10,000 ug/Kg for total VOCs and 500,000 ug/Kg for total PAHs).

Table 7

Consolidated Edison Company of New York, Inc.

Post Excavation Sample Results

		UST Area					Below Concrete Pad							
	Sample ID:	UST-B-2	UST-SW1	UST-SW2	UST-SW3	UST-SW4	SG-E-S-1	SG-E-S-2	SG-E-S-3	SG-S-4	SG-S-5	SG-S-6	SG-S-7	SG-S-8
	Lab Sample Id:	R1479-06	R1479-01	R1479-02	R1479-03	R1479-04	R1379-01	R1379-02	R1379-03	R1379-07	R1379-08	R1379-09	R1430-01	R1430-02
	Source:	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech
	SDG:	R1479	R1479	R1479	R1479	R1479	R1379	R1379	R1379	R1379	R1379	R1379	R1379	R1379
	Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Sampled:	2/6/2003	2/6/2003	2/6/2003	2/6/2003	2/6/2003	1/29/2003	1/29/2003	1/29/2003	1/29/2003	1/29/2003	1/29/2003	2/3/2003	2/3/2003
COMPOUND	UNITS:													
VOLATILES														
Chloromethane	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Disulfide	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	ug/Kg	ND	ND	ND	ND	ND	6.3	ND	4.8 J	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ug/Kg	ND	ND	ND	2 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-Pentanone	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
t-1,3-Dichloropropene	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethyl Benzene	ug/Kg	ND	ND	ND	ND	ND	1.5 J	ND	ND	ND	ND	ND	ND	ND
m/p-Xylenes	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
o-Xylene	ug/Kg	ND	2.7 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TOTAL VOCs	ug/Kg	ND	2.7	ND	2	ND	7.8	ND	4.8	ND	ND	ND	ND	ND
PAHs														
Naphthalene	ug/Kg	ND	170 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	110 J	ND
Acenaphthylene	ug/Kg	2800	630	1000 J	ND	ND	ND	ND	ND	ND	ND	ND	580	ND
Acenaphthene	ug/Kg	920 J	280 J	220 J	ND	ND	ND	ND	ND	ND	ND	ND	310 J	ND
Fluorene	ug/Kg	3100	850	770 J	ND	ND	ND	ND	ND	ND	ND	ND	810	48 J
Phenanthrene	ug/Kg	6100	1800	1200 J	ND	ND	ND	ND	ND	49 J	120 J	ND	2500	190 J
Anthracene	ug/Kg	1700 J	460	510 J	ND	ND	ND	ND	ND	ND	ND	ND	540	ND
Fluoranthene	ug/Kg	2700	640	1100 J	520 J	460 J	ND	ND	ND	40 J	75 J	ND	790	54 J
Pyrene	ug/Kg	5000	1100	2200	670 J	610 J	ND	ND	ND	52 J	140 J	ND	1300	94 J
Benzo(a)anthracene	ug/Kg	2000	430	890 J	ND	ND	ND	ND	ND	ND	61 J	ND	440	ND
Chrysene	ug/Kg	1800 J	370 J	880 J	ND	ND	ND	ND	ND	ND	62 J	ND	430	ND
Benzo(b)fluoranthene	ug/Kg	1300 J	220 J	680 J	ND	ND	ND	ND	ND	ND	ND	ND	290 J	ND
Benzo(k)fluoranthene	ug/Kg	1100 J	210 J	480 J	ND	ND	ND	ND	ND	ND	ND	ND	100 J	ND
Benzo(a)pyrene	ug/Kg	2000	370 J	920 J	ND	ND	ND	ND	ND	ND	ND	ND	390	ND
Indeno(1,2,3-cd)pyrene	ug/Kg	ND	87 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	110 J	ND
Dibenz(a,h)anthracene	ug/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	ug/Kg	460 J	110 J	270 J	ND	ND U	ND	ND	ND	ND	ND	ND	120 J	ND
TOTAL PAHs	ug/Kg	30980	7727	11120	1190	1070	ND	ND	ND	141	458	ND	8820	386

Notes:

(4) ND indicated compound was not detected.

(5) J indicates an estimated concentration.

(6) D indicates the compound was identified at a secondary dilution factor.

(7) Shaded values exceeds soil cleanup objective (10,000 ug/Kg for total VOCs and 500,000 ug/Kg for total PAHs).