INTERIM REMEDIAL MEASURE REPORT

ALERT FIRE COMPANY SITE
140 STEAMBOAT ROAD
GREAT NECK, NEW YORK

NYSDEC SITE NO. V00522-1

Prepared for:
Alert Fire Company
555 Middle Neck Road
Great Neck, NY 11023

Submitted by:
Holzmacher, McLendon & Murrell, P.C.
575 Broad Hollow Road
Melville, New York 11747

AUGUST 2009

H2M

engineers | architects | scientists | planners | surveyors

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August 2009

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1.0 INTRODUCTION

Holzmacher, McLendon & Murrell, P.C. (H2M) was retained by the Alert Fire Company (AFC) to conduct a Remedial Investigation of a vacant parcel located at 140 Steamboat Road in Great Neck, New York (hereafter referred to as the "Site"). AFC acquired the Site, which was previously occupied by a dry cleaning establishment, in September 1993. On May 30, 2002, AFC entered into a Voluntary Cleanup Agreement (Index No. D1-0002-04-02) with the New York State Department of Environmental Conservation (NYSDEC).

The Remedial Investigation was conducted in accordance with the terms and conditions of the Voluntary Cleanup Agreement, and pursuant to a July 2003 Final Investigation Work Plan, which was approved by the Department on August 21, 2003. A Remedial Investigation (RI) Report, dated March 2008, presented the results of the remedial investigation and provided recommendations for the excavation and removal of on-Site soils impacted by tetrachloroethene (PCE).

Based on analytical data from the soil borings conducted as part of the RI, the extent of the PCE-impacted soils was believed to be limited to a small area of less than 500 square feet and to depths ranging from six to 15 feet below grade surface. Because the PCE-impacted soils continue to impact the quality of shallow groundwater and contribute to VOCs in soil vapor beneath and around the Site, the soil excavation and removal was proposed as an interim remedial measure (IRM).

1.1 Purpose of Report

The purpose this Interim Remedial Measure Report is to document the recently completed Interim Remedial Measure (IRM) at the Alert Fire Company Site. The IRM involved the excavation and disposal of PCE-impacted subsurface soils from the source area identified during the RI, and the excavation and disposal of SVOC-impacted soils from two stormwater drywells and the pipe terminus area also identified during the RI. Section 2 of this Report describes the IRM and presents the results of post-excavation endpoint samples. Section 3 of the Report describes the quality assurance/quality control procedures utilized during the IRM, independent data validation of the endpoint soil samples and data usability. Section 4 of the Report describers the types of wastes generated by the IRM, and identifies the facilities where they were disposed. Section 5 describes the Site restoration activities and post-remediation operation and maintenance requirements.

1.2 Site Background

This section of the Interim Remedial Measure Report provides an overview of the Site, including a description and history, together with a discussion of previous investigations conducted at the Site.

1.2.1 Site Description

The AFC Site is located at 140 Steamboat Road in Great Neck, New York. The Site is situated within the Town of North Hempstead, in Nassau County. Figures 1.1, Location Map and 1.1A, Neighborhood Map show the location of the Site, and Figure 1.2, Site Plan, depicts the general boundaries and features within Site. The 7,156-square foot property (Tax Map Section 1, Block 17, Lot 107) is 48.85 feet in width by 146.5 feet deep. The Site is located on the south side of Steamboat Road, approximately 370 feet west of the intersection with Potters Land. At present, the Site is vacant with the exception of a two-story, 750 square foot, concrete block on slab building located in the rear (southern) portion of the property, which is used by AFC as a garage and storage space. The garage contains electric and natural gas services that are fed from the AFC firehouse located immediately west of the Site. A gas-fired emergency stand-by

electric generator is located on a concrete pad approximately four feet north of the garage building.

The topography of the Site is relatively flat, with the northern-most portion sloping slightly downward to the north toward Steamboat Road. With the exception of the garage building in the rear of the property, the Site consists of an open grass covered area.

Properties to the north of the Site (i.e., on the north side of Steamboat Road) include the Kings Point Indoor Tennis facility (143 Steamboat Road), an open lot owned by AFC and used for parking, and a private residence (139 Steamboat Road), with a detached garage used for undetermined commercial purposes. Kings Point Park is located north of these properties. Properties to the south include private residences that front on Potters Lane. The property to the east, bordered by Steamboat Road to the north and Potter Lane to the south, is owned by the United Mashadi Jewish Community of America, Inc., and was recently developed as a religious center. Immediately west of the Site is the AFC Engine Hook Ladder and Hose Company No. 1 Firehouse. The firehouse is a two-story masonry block building with a partial basement in the southern portion of the building. Further west are residential properties that front on Morris Lane to the west.

1.2.2 Site History

According to information contained in a 1993 Phase I Site Assessment prepared by Kost Environmental, Inc. (Kost), a one-story concrete block building and a one-story concrete block garage were constructed on the Site in 1950. Neither of the two buildings contained basements. Prior to this construction, the property was a vacant lot. A dry cleaning business occupied the Site, with the main building used for offices and dry cleaning operations, and the garage used for storage. Additions and alterations to the main dry cleaning building occurred in 1963 and 1967. Although the two buildings were still present when Kost conducted the Phase I Site Assessment in 1993, the property had not been utilized for at least five years (since 1988). Prior to 1988, the buildings were occupied by Pristine Cleaners. The property was acquired by AFC on September

11, 1993 and the main building was demolished by AFC in 1998. The garage building originally constructed in 1950 was expanded upward by AFC to its current two-story configuration.

1.2.3 Previous Investigations

As indicated above, Kost Environmental, Inc. (Kost) conducted a Phase I Site Assessment of the 140 Steamboat Road Site in 1993. An underground heating oil tank was identified as being present in the northern section of the property. The size, date of installation and construction of the underground storage tank (UST) were unknown, and the UST had not been utilized for at least five years (since 1988) when the Kost conducted their assessment. It could not be confirmed whether or not the UST was removed during the demolition of the main building in 1998.

During the Phase I Site Assessment, Kost identified a five-gallon pail recessed into the ground in the rear (southern) portion of the main building for what appeared to be drainage purposes. The soils immediately adjacent to the pail were screened for evidence of volatile organic compounds (VOCs) using a photoionization detector (PID). PID readings of 10 parts per million (ppm) indicated the potential presence of VOCs. According to Kost, no evidence of hazardous materials, hazardous waste storage, staining or stressed vegetation were noted during the 1993 inspection. No evidence of drum storage, chemical storage or drains was noted in the garage structure.

In 1998, a Phase II Environmental Assessment was conducted at the Site by C.E. Boss Co., Inc. (Boss). The objective of the Phase II Assessment was to determine the extent of soil contamination, if any, caused by previous users of the property, and included four soil borings advanced down to the water table. One composite soil sample from each boring was analyzed by Pedneault Associated, Inc. for VOCs by EPA Method 8021 and for semi-volatile organic compounds (SVOCs) by EPA Method 8270. VOCs were non-detectable in the all four composite soil samples. However, it should be noted that tetrachloroethene, also known as perchloroethylene or PCE, a common dry cleaning solvent, was not reported as being analyzed. SVOCs were non-detectable in three of the four soil borings. In a soil boring located in the

southeast corner of the former main building (SB-3), several SVOCs were detected at concentrations ranging from 77 to 6,600 micrograms per kilogram (ug/kg). Based on the results of the Phase II Environmental Assessment, Boss recommended that additional testing be conducted.

As a follow-up to their August 1998 Phase II Environmental Assessment, Boss conducted three additional soil borings in the vicinity of soil boring SB-3 in the southeast corner of the former main building where SVOCs were previously detected. Soil samples were collected at two foot intervals as each boring was advanced downward to a depth of ten feet below grade. A total of 15 soil samples were analyzed by Pedneault Associated, Inc. for PCE by EPA Method 8260. PCE was detected in all but one soil sample with concentrations ranging from non-detectable (less than 10 ug/kg) to as high as 280,000 ug/kg. In general, the PCE concentrations decreased with depth.

Based on the above historical investigations, and in accordance with the terms and conditions of the Voluntary Cleanup Agreement, The Tyree Organization prepared a Remedial Investigation Work Plan to investigate the nature and extent of contamination at the Site. The Final Investigation Work Plan, dated July 2003 was approved by NYSDEC on August 21, 2003. The Final Investigation Work Plan was implemented by H2M between March 2004 and September 2006. The results of the RI were presented in a Remedial Investigation Report dated, March 2008.

Prior to initiating the IRM, an Interim Remedial Measure/Contained-In Demonstration (IRM/CID) Work Plan was implemented to more accurately define the extent of the PCE-impacted soil excavation and to determine the waste characteristics of the soils to be excavated. Results of the IRM/CID were presented in the final Interim Remedial Measure Work Plan dated July 2008.

2.0 INTERIM REMEDIAL MEASURE

This section of the Interim Remedial Measure Report describes the recently completed interim remedial measure (IRM) at the Alert Fire Company Site, including soil excavation activities and post-excavation endpoint sampling.

2.1 Remedial Action Objective

The remedial action objective for the Alert Fire Company Site is the protection of human health and the environment. This may be achieved by eliminating the contaminant of concern (i.e., PCE), reducing the contaminant levels or by minimizing the potential exposure, taking into account the proposed future use of the Site. The Alert Fire Company intends to use the Site for passive recreation (e.g., picnic area for adjacent firehouse). The Site-specific remedial objective for the IRM was to excavate and remove those soils containing PCE at concentrations exceeding the NYSDEC Recommended Soil Cleanup Objective (RSCO) of 1,400 ug/kg. In addition, the IRM also included the excavation and disposal of SVOC-impacted soils in two stormwater drywells and from the pipe terminus area. Figure 2.1.1 shows the location of the PCE-impacted soils as well as the two stormwater drywells and pipe terminus area.

The PCE-impacted soils warranting excavation and removal were located in the central section of the Site beneath what had once been the southeast portion of the former dry cleaning establishment. Based on the results of the soil borings conducted during the RI and the pre-excavation soil borings conducted as part of the Contained-In Demonstration, the area extent of the impacted soils was estimated at approximately 150 square feet, extending from grade to a depth of 10.5 feet below grade at soil boring SB-13, from 2 to 8.5 feet below grade at SB-11, and from 2 to 4 feet below grade in and around soil borings SB-C3, SB-E3 and SB-DEL 1. As depicted in Figure 2.1.2, the excavation was to be roughly 20 feet long, running east of and parallel to soil borings SB-11, SB-C3, SB-13 and SB-E3, then turning southwest to the south of soil borings SB-E3 and SB-DEL 1, and then turning north to a point just north of soil boring SB-11. The IRM was expected to involve the excavation and removal of an estimated 25 cubic yards of PCE-impacted soils.

In addition to excavating and removing the PCE-impacted soils, the IRM also included the removal of SVOC-impacted soils and bottom sediments within two stormwater drywells located on the north side of the Site, and the excavation of a small area of SVOC-impacted soils located on the northwest side of the Site at the terminus of a pipe, which once drained into Drywell No. 2 (see Figure 2.1.1).

2.2 Site Preparation Activities

Before initiating work, H2M measured off the limits of the proposed excavation and marked the area with stakes and colored tape. H2M and the remediation contractor, Eastern Environmental Solutions, Inc., conducted a walkthrough to verify current Site conditions and identify any unforeseen conditions that would have to be addressed during Site preparation.

A stormwater management and erosion control system consisting of a series of filter fabric covered hay bales securely anchored into the ground was installed along the north side of the Site. Eastern Environmental Solutions inspected the barrier daily and repaired any damaged sections as was necessary.

2.3 PCE-Impacted Soil Excavation

On January 13 and 14, 2009, PCE-impacted soils were excavated to total depths ranging from 4.5 feet to 10.5 feet below grade in accordance with the NYSDEC-approved IRM Work Plan. Figures 2.3.1, 2.3.2, 2.3.3 and 2.3.4 depict the excavation limits for each excavation depth. Endpoint samples were collected from the excavation sidewalls and base to confirm that all soils with PCE concentrations in excess of the 1,400 ug/kg RCSO had been removed. PCE-impacted soils were excavated and loaded directly into roll off containers for transportation to a licensed disposal facility. A more detailed description of the IRM is presented in the following sub-sections:

2.3.1 Grade to 2.0 Foot Excavation

During the initial stage of the excavation, a 150 square foot area 20-foot long by nine foot wide to the south and five foot wide to the north was excavated. First, a five foot square area

surrounding soil boring SB-13 was excavated to a depth of two feet below grade. Approximately two cubic yards of PCE-impacted soils were removed from the area around SB-13 during the initial 0 to 2-foot excavation. The excavated soils were loaded directly into a roll off container for off-Site disposal as a D039 hazardous waste. The remaining 125 square foot area was then excavated to the same depth of two feet blow grade, with the excavated soil stockpiled on-site for use as backfill material. Approximately ten cubic yards of soil were set aside as backfill. The grade to two foot excavation is depicted in Figure 2.3.1. Upon completing the 0 to 2-foot excavation, an endpoint sample (SW-1) was collected from the excavation's sidewall northeast of SB-13. The endpoint sample was collected midway along the length of the sidewall from the midpoint of the excavation depth (one foot below grade) and analyzed for TCL VOCs.

2.3.2 2.0 to 4.5 Foot Excavation

During the second stage of the excavation, the 150 square foot area within the 0 to 2-foot excavation was extended downward an additional two and one half feet to a total depth of 4.5-feet below grade (see Figure 2.3.2). This depth interval (2.0 to 4.5 feet) represented the bulk of the impacted soils exhibiting PCE concentrations in excess of the 1,400 ug/kg RSCO. Approximately 15 cubic yards of PCE-impacted soils were excavated and loaded directly into a roll off container for off-Site disposal as a D039 hazardous waste. Upon completing the 2 to 4.5-foot excavation, ten endpoint soil samples were collected. As shown in Figure 2.3.2, six endpoint samples were collected from excavation's sidewalls, two samples from the northeast (SW-2 and SW-7) and southwest (SW-4 and SW-5) sidewalls and one sample from each of the northwest (SW-6) and southeast (SW-3) sidewalls. Four endpoint samples were collected from the base of the 2 to 4.5-foot excavation, where based on the soil boring data the excavation was not anticipated to extend further downward. Each sidewall sample was collected from the midpoint of the excavation depth (i.e., 3.25-feet below grade). Base samples were collected from center of each section where additional excavation was not anticipated. Each endpoint sample was analyzed for TCL VOCs.

2.3.3 4.5 to 8.5 Foot Excavation

During the third stage of soil excavation, two areas within the 2 to 4.5-foot excavation were extended downward an additional four feet to a total depth of 8.5-feet below grade (see Figure 2.3.3). Approximately four cubic yards of PCE-impacted soils were removed from the area around soil boring SB-13 and approximately three cubic yards of PCE-impacted soils were removed from the area around soil boring SB-11. The excavated soils were loaded directly into a roll off container for off-Site disposal as a D039 hazardous waste. Upon completing the 4.5 to 8.5-foot excavation, additional endpoint samples were collected. As shown in Figure 2.3.3, nine endpoint soil samples were collected. One endpoint sample was collected from each of the two excavations' sidewalls (SW-8 through SW-11 and SW-12 through SW-15) and one sample (B-5) was collected from the base of the excavation at SB-11, where excavation was not anticipated to extend further downward. Each sidewall sample was collected midway along the length of the sidewall from the midpoint of the excavation depth (i.e., 6.5-feet below grade). The base endpoint sample was collected from center of the excavation at SB-11. Each endpoint sample was analyzed for TCL VOCs.

2.3.4 8.5 to 10.5 Foot Excavation

During the fourth and final stage of the excavation, the 25 square foot area within the 4.5 to 8.5-foot excavation at soil boring SB-13 was extended downward an additional two feet to a total depth of 10.5-feet below grade (see Figure 2.3.4). Approximately two cubic yards of PCE-impacted soils were excavated and loaded directly into a roll off container for off-Site disposal as a D039 hazardous waste. Upon completing the 8.5 to 10.5-foot excavation, additional endpoint samples were collected. As shown in Figure 2.3.4, five endpoint soil samples were collected. One endpoint sample was collected from each of the excavation's sidewalls (SW-16 through SW-19) and one sample (B-6) was collected from the base of the excavation. Each sidewall sample was collected midway along the length of the sidewall from the midpoint of the excavation depth (i.e., 9.5-feet below grade). The base sample was collected from center of excavation. Each endpoint sample was analyzed for TCL VOCs.

Over the two day soil excavation, two 30-yard roll off containers of PCE-impacted soils were generated, totaling 41.7 tons. Section 4.0 of this report provides additional details on the disposal of the PCE-impacted soils.

2.3.5 Endpoint Sample VOC Analytical Results

As indicated in the previous sections, a total of 25 endpoint soil samples were collected to assess whether or not the IRM achieved the cleanup objective of reducing the concentration of PCE to less than 1,400 ug/kg in the remaining soils. In addition, a blind duplicate sample was collected on each of the two day's soil excavation work. Each endpoint sample was analyzed by H2M Labs, Inc. for TCL VOCs. Results of the endpoint sample analyses are summarized in Table 2.3.1. Tetrachloroethene (PCE) and it's breakdown products, vinyl chloride, 1,2-dichloroethene, and trichloroethene are highlighted, and VOC concentrations exceeding their respective Recommended Soil Cleanup Objective (RSCO) are shown in bold type. Lab reports are provided in Appendix A.

As indicated in Table 2.3.1, three endpoint samples contained PCE at concentrations above the 1,400 ug/kg RSCO. Endpoint sample B-1, from the base of the 2.0 to 4.5 foot excavation contained 1,200,000 ug/kg of PCE; endpoint sample SW-2, from the northeast sidewall near soil boring SB-13 at 3.25 feet below grade contained 14,000 ug/kg of PCE; and sample SW-8, from the northeast sidewall near soil boring SB-13 at 6.5 feet below grade contained 2,100 ug/kg of PCE.

2.4 Additional PCE-Impacted Soil Excavation

Based on the results of the initial endpoint samples and in accordance with the NYSDEC-approved IRM Work Plan, the excavation was expanded and additional endpoint samples were collected for lab analysis as described below.

2.4.1 Second Phase Soil Excavation

On March 10, 2009, H2M and Eastern Environmental Solutions, Inc. remobilized to the Site to conduct additional soil excavation. The excavation was expanded outward an additional

one foot along a five-foot length of sidewall at endpoint samples SW-2 and SW-8, to the northeast of soil boring SB-13. The additional sidewall excavation extended from grade to a depth of 8.5 feet below grade. At endpoint sample B-1, a four-foot square area was excavated downward an additional 12 inches from a depth of 4.5 to 5.5 feet below grade surface. Approximately seven cubic yards (11.3 tons) of PCE-impacted soils were excavated and loaded directly into a roll off container for off-Site disposal as a D039 hazardous waste.

Upon completing the additional excavation, three additional endpoint samples were collected for lab analysis. Two endpoint samples were collected from the northeast sidewall at depths of 4.25 feet and 6.5 feet below grade surface, and a single endpoint sample was collected from the base of the deeper excavation at previous endpoint sample B-1. Each endpoint sample was analyzed by H2M labs, Inc. for TCL VOCs. The expanded excavations and the location of the additional endpoint samples are shown in Figures 2.4.1 through 2.4.3.

Results of the March 10th endpoint sample analyses are summarized in Table 2.4.1. PCE (tetrachloroethene) and it's breakdown products, vinyl chloride, 1,2-dichloroethene and trichloroethene are highlighted and VOC concentrations exceeding their respective Recommended Soil Cleanup Objective (RSCO) are shown in bold type. Lab reports are provided in Appendix B.

As indicated in Table 2.4.1, endpoint sample B-1 contained PCE at a concentration of 400,000 ug/kg, significantly above the 1,400 ug/kg RSCO. PCE concentrations in both sidewall endpoint samples (SW-2 and SW-8) were well below the RSCO of 1,400 ug/kg. Based on the still elevated PCE concentration at sample point B-1, the excavation between soil borings SB-11 and SB-C3 would be extended downward and an additional endpoint sample collected for laboratory analysis. Based on the PCE concentrations in samples SW-2 and SW-8, no further soil excavation was warranted in the area of soil boring SB-13.

2.4.2 Third Phase Soil Excavation

On April 16th, 2009, H2M and Eastern Environmental Solutions, Inc. remobilized to the Site to conduct the additional soil excavation. At endpoint sample B-1, the four-foot square area was excavated downward an additional two feet from a depth of 5.5 to 7.5 feet below grade surface. At 7.5 feet below grade a soil sample was collected and screened for VOCs with a PID. Based on an elevated PID reading (480 ppm), the excavation was advanced downward an additional two feet to a total depth of 9.5 feet below grade and another soil sample from this depth was screened with the PID. Again an elevated PID reading (> 2,000 ppm) was obtained. The excavation was continued with soil samples field screened for VOCs, until a PID reading of less than 15 ppm was obtained. The excavation was terminated at a total depth of roughly 14.5 feet below grade. Due to it's depth and subsidence from the sidewalls, the expanded excavation between soil borings SB-11 and SB-C2 was now approximately 10 feet long and 5 feet wide on the northwest side and 7.75 feet wide on the southeast side (see Figure 2.4.4). Approximately 20 cubic yards (20.6 tons) of PCE-impacted soils were excavated and loaded directly into a roll off container for off-Site disposal as a D039 hazardous waste. Upon completing the additional soil excavation, a single endpoint sample was collected from the base of the deeper excavation at previous endpoint sample B-1, and analyzed by H2M labs, Inc. for TCL VOCs.

Results of the April 16th endpoint sample analysis are presented in Table 2.4.2. PCE (tetrachloroethene) and it's breakdown products, vinyl chloride, 1,2-dichloroethene and trichloroethene are highlighted and VOC concentrations exceeding their respective Recommended Soil Cleanup Objective (RSCO) are shown in bold type. Lab reports are provided in Appendix C. As indicated in Table 2.4.2, endpoint sample B-1 contained PCE at an estimated concentration of 2 ug/kg, well below the RSCO of 1,400 ug/kg. Based on the result of the April 16th endpoint sample, no further excavation was required.

2.5 SVOC-Impacted Soil Excavation

On January 21, 2009, H2M and Eastern Environmental Services remobilized to the Site to remove SVOC-impacted bottom sediments in two out of service stormwater drywells located on the north side of the Site and to excavate SVOC-impacted soils at the terminus of a pipe that

at one time drained to Drywell No. 2. A more detailed description of the remedial action is presented in the following sub-sections.

2.5.1 Drywell Remediation

As part of the IRM, SVOC-impacted bottom sediments and soils from the two stormwater drywells located on the north side of the Site were removed by Eastern Environmental Solutions using a vactor truck. In Drywell No. 1, sediments were removed from a starting depth of roughly 6 feet below grade to a total depth of 9.5 feet below grade. In Drywell No. 2, sediments were removed from a starting depth of roughly 7.5 feet below grade to a total depth of ten feet below grade. Approximately nine cubic yards of impacted sediments and soils were removed from the two drywells and transported in the vactor truck for off-Site disposal as a non-hazardous waste. Upon removing the SVOC-impacted bottom sediments/soils, an endpoint sample was collected from the bottom of each drywell. Each endpoint sample was analyzed by H2M labs, Inc. for TCL SVOCs.

2.5.2 Pipe Terminus Excavation

The IRM also included the excavation of SVOC-impacted soils at the terminus of a pipe that once drained into Drywell No. 2. Using a backhoe, a 6-foot square excavation was conducted at the pipe terminus. The excavation extended approximately 4.5 feet below grade to a depth roughly one foot below the pipe terminus. Approximately six cubic yards of SVOC-impacted soils were excavated and loaded directly into a dump truck for off-Site disposal as non-hazardous waste. Upon completing the soil removal, endpoint soil samples were collected from each sidewall and the bottom of the excavation. Each sidewall sample was collected midway along the length of the sidewall from the midpoint of the excavation depth (2.25-feet below grade). The base endpoint sample was collected from center of the excavation. Each endpoint sample was analyzed by H2M Labs, Inc. for TCL SVOCs.

2.5.3 Endpoint Sample SVOC Analytical Results

As indicated in the previous sections, endpoint soil samples were collected from the bottom of each of the two stormwater drywells and from the four sidewalls and base of the pipe

terminus excavation to assess whether or not the IRM achieved the cleanup objective. Results of the endpoint sample analyses are summarized in Table 2.5.3. Lab reports are provided in Appendix D.

As indicated in Table 2.5.3, four SVOCs were detected in the endpoint sample collected from the east sidewall of the pipe terminus excavation (PT-E. Wall) at concentrations exceeding their respective RSCO, including benzo(a)anthracene, chrysene, benzo(b)fluoranthene and benzo(a)pyrene. All other SVOCs were either non-detectable or present at concentrations below their respective RSCO in the remaining endpoint samples from the pipe terminus excavation and the two stormwater drywells. Based on the results of the initial endpoint samples and in accordance with the NYSDEC-approved IRM Work Plan, the east wall of the pipe terminus excavation would be expanded outward an additional one foot. As all TCL SVOCs were either non-detectable or present at concentrations below their respective RSCOs, no further actions would be required at the two stormwater drywells.

2.6 Additional SVOC-Impacted Soil Excavation

On March 10, 2009, H2M and Eastern Environmental Solutions remobilized to the Site to conduct additional soil excavation at the pipe terminus. In accordance with the IRM Work Plan, the east wall of the pipe terminus excavation was expanded outward an additional one foot. The additional excavation extended from grade to a depth of 4.5 feet below grade. Approximately one cubic yard of SVOC-impacted soils were excavated and loaded directly into a dump truck for off-Site disposal as non-hazardous waste. Upon completing the expanded excavation, an additional endpoint sample was collected from the center of the east sidewall at a depth of 2.25 feet below grade. The endpoint sample was analyzed by H2M Labs, Inc. for TCL SVOCs.

Results of the March 10th endpoint sample analysis are presented in Table 2.6.1. Lab reports are provided in Appendix E. Included in Table 2.6.1 are the NYSDEC Recommended Soil Cleanup Objectives (RSCOs) as well as the NYSDEC's Part 375-6.8(a), Unrestricted Use Soil Cleanup Objectives and Part 375-8(b), Protection of Groundwater Soil Cleanup Objectives. As indicated in Table 2.6.1, the same four SVOC compounds that exceeded the RSCOs in the

initial endpoint sample were still present at concentrations above the RCSOs. However, only two of the four compounds, chrysene and benzo(b)fluoranthene, were slightly above the Unrestricted Use Soil Cleanup Objectives (UUSCO) and only one compound, chrysene, exceeded the Protection of Groundwater Soil Cleanup Objective (PGSCO). Given the fact that only one compound exceeded the PGSCO, the reported concentration was only slightly above the standard (1,100 ug/kg vs. 1,000 ug/kg), and all four compounds were non-detectable in groundwater, we do not believe additional soil excavation at the pipe terminus is warranted.

2.7 Air Monitoring During IRM

Pursuant to the Community Air Monitoring Plan (CAMP) included as Appendix B of the IRM Work Plan, H2M conducted daily monitoring for VOCs and PM-10 particulates (particulate matter less than 10 microns in size) at locations upwind and downwind of the work zones during all soil excavation activities.

VOC Air Monitoring: Air monitoring for VOCs was conducted using a MultiRAE Plus photoionization detector (PID). The PID was calibrated before the start of each day to ensure the instrument readings were accurate. The CAMP set an initial downwind action level for VOCs at 5 ppm (15-minute average) greater than background (upwind).

PM-10 Air Monitoring: Air monitoring for particulates (PM-10) was conducted using a pair of TSI DustTRAK aerosol monitors. Each day one of the particulate monitors was set in an upwind location relative to the work area and the other monitor was set in a downwind location. The upwind and downwind air monitors were relocated if the wind direction changed over the course of a day. The CAMP set an initial downwind action level for PM-10 particulates at 100 ug/m^3 greater than background (upwind).

A summary of the air monitoring data is presented in Table 2.7.3. As indicated in Table 2.7.3, upwind PM-10 particulate levels ranged from -49 to 90 ug/m^3, with the greatest change between upwind and downwind of 65 ug/m^3, well below the 100 ug/m^3 action level. Although

elevated PID readings were obtained within the PCE source area excavation during soil removal activities, PID readings were non-detectable upwind and downwind of the excavation.

3.0 QA/QC, DATA VALIDATION AND DATA USABILITY

This section of the Interim Remedial Meassure Report describes the various procedures used during the IRM to ensure that the data collected were of the highest quality possible. Quality assurance/quality control (QA/QC) procedures, data validation and data usability are discussed in the following sub-sections.

3.1 QA/QC Procedures

QA/QC procedures for field sampling were presented in the NYSDEC-approved IRM Work Plan. The purpose of establishing and following strict field and laboratory-specific procedures is to ensure that the data collected are precise, accurate, representative, complete and comparable.

3.1.1 Trip Blanks, Field Blanks and Duplicates

In order to meet project-specific Data Quality Objectives (DOQs), various types of QA/QC blank and duplicate samples were collected and analyzed. These QA/QC samples included trip blanks, field (equipment) blanks and blind duplicate samples.

Trip Blanks: Trip blanks were provided by the analytical laboratory containing analyte-free water and were transported to the Site and returned to the analytical laboratory without being opened. Trip blanks serve as a check for contamination originating from sample transport and shipping. Trip blanks were collected on a daily basis during all IRM endpoint sampling activities, and analyzed for TCL VOCs.

Field Blanks: Field blanks, also known as equipment blanks, were used to determine the effectiveness of the decontamination of sampling devices during the collection of endpoint samples. Field blanks were collected by pouring analyte-free water through the sampling devices (e.g., hand trowel) and into the appropriate sample containers. Field blanks collected during endpoint sampling from the PCE-soil excavation were analyzed for TCL VOCs. Field blanks collected during endpoint sampling from the drywells and pipe terminus excavation were analyzed for TCL SVOCs.

TCL VOC analytical results for the trip blanks and field blanks, and TCL SVOC analytical results for the field blanks are provided in Tables 2.7.1 and 2.7.2, respectively. Lab reports are provided in Appendix F. With the exception of trace amounts (estimated concentrations of 1 to 2 ug/kg) of methylene chloride, acetone and/or carbon disulfide detected in one or more samples, all other TCL VOCs were non-detectable in all trip and field blanks. As indicated in Table 2.7.2, all TCL SVOCs were non-detectable in the field blanks collected on January 21st and March 10th, when post remediation endpoint samples were collected from the stormwater drywells and pipe terminus excavation. Analytical data from the trip blanks and field blanks indicate that there are no concerns with regard to contamination attributable to sample transport or from cross contamination impacting the analytical results from the endpoint samples.

Blind Duplicate Samples: Blind duplicate samples were utilized as an additional QA/QC measure during the IRM. Each duplicate sample was assigned a fictitious identification in the field. Therefore the analytical laboratory was unaware of the duplicates, making them true blind samples. A comparison of analytical results between the sample and the blind duplicate are used to determine if the data reported by the laboratory are precise, accurate, representative and comparable.

Blind duplicate samples were collected during each endpoint sampling activity with the exception of the final endpoint sampling from the expanded PCE and pipe terminus excavations, when only one endpoint sample from each excavation was collected. Each blind duplicate sample was analyzed for the same parameters as the sample itself. Analytical results for the blind duplicate samples are included together with the endpoint sample results in Tables 2.3.1, 2.4.1 and 2.5.3.

Two blind duplicate samples were collected during the initial excavation of the PCE source area. Endpoint sample SW-2 and the blind duplicate sample SW-2A collected on January 13th both contained PCE concentrations in excess of the RSCO of 1,400 ug/kg. Although the concentration of PCE in the blind duplicate sample was an order of magnitude higher than in

sample SW-2, both results indicated that additional excavation was required and did not affect the decision making process. Although non-detectable (less than 10 ug/kg) in blind duplicate sample SW-8A, PCE was detected at 2,100 ug/kg in endpoint sample SW-8 collected on January 14th. Based on the higher PCE concentration, the excavation was expanded outward in accordance with the IRM Work Plan. Endpoint sample SW-8 and blind duplicate sample SW-8A collected on March 10th were in general agreement with both indicating PCE concentrations (260 and 160 ug/kg) well below the RSCO of 1,400 ug/kg.

Endpoint sample DW-1 and blind duplicate sample DW-1A, collected on January 21st, were in agreement, with the same SVOCs present at similar concentrations, all well below their respective RSCOs.

3.2 Data Validation

All of the analytical results and CLP analytical data packages generated by the analytical laboratory underwent independent data validation by Data Validation Services, Inc. (DVS). Methodologies utilized in evaluating the data were in accordance with the 1995 NYSDEC ASP. As per NYSDEC CLP procedures, the contaminant concentrations and data qualifiers shown in the data summary tables in Section 2.0 have been edited to reflect the recommendations made by DVS.

Data validation was performed following the most current federal and state guidelines. The reported summary forms were reviewed for application of validation qualifiers per the USEPA Region 2 validation SOPs and the USEPA National Functional Guidelines for Data Review as affects the usability of the data. The following items were reviewed by DVS:

- Laboratory Narrative Discussion
- Case Narratives
- Custody Documentation
- Holding Times
- Surrogate and Internal Standard Recoveries
- Matrix Spike Recoveries/Duplicate Correlations
- Preparation/Calibration Blanks
- Control Spike/Laboratory Control Samples

- Instrument Tunes and IDLs
- Calibration Standards
- Method Compliance
- Sample Result Verification

In summary, the samples were processed in compliance with protocol, and most results are usable as reported, or usable with minor edit or qualification of results. A copy of the DVS' June 11, 2009 Data Usability Summary Report is provided in Appendix G.

3.3 Data Usability

The results of the QA/QC evaluation indicate that the endpoint soil sample analytical data reported by the laboratory were precise, accurate, representative and comparable. Therefore the data are considered usable and support the conclusions drawn in Section 2.0.

4.0 WASTE DISPOSAL

This section of the Interim Remedial Measure Report describes the wastes generated as a result of the IRM, how the wastes were characterized for disposal, and identifies the waste facilities where the wastes were disposed of. In general, there were two principal waste streams generated by the IRM, namely PCE-impacted soils excavated from the primary source area at the Site and SVOC-impacted soils from two stormwater drywells and the pipe terminus excavation.

4.1 Waste Characterization

In May 2008, prior to preparing the final IRM Work Plan, H2M implemented a Contained-In Demonstration Work Plan the intent of which was twofold: to more accurately define the area and depth extent of the PCE-impacted soils; and to characterize the soils for disposal purposes. A total of 73 soil samples were collected and analyzed for both TCL (total) VOCs and TCLP (extractable) VOCs. Results of the TCL VOCs analyses were compared against the NYSDEC Recommended Soil Cleanup Objectives and used to define the final area and depth extent of the proposed soil excavation. Results of the TCLP VOCs analyses were compared against both the NYSDEC Hazardous Waste Thresholds (ref. 6 NYCRR Part 371.3, Maximum Concentration of Contaminants for the Toxicity Characteristic) and the NYSDEC Groundwater Action Levels (ref. TAGM 3028, Contained-In Criteria for Environmental Media), and used to determine the appropriate waste classification. Based on the results of the TCLP VOCs analyses, it was determined that all of the PCE-impacted soils would be disposed of as a characteristically hazardous waste for tetrachloroethylene (D039). A full set of analytical results from the Contained-In Demonstration was provided in the July 2008 Interim Remedial Measures Work Plan.

Soils removed from the two stormwater drywells and the pipe terminus excavation contained low to moderate levels of SVOCs. Based on the data from the RI, none of the SVOCs detected were present at concentrations above the NYSDEC Hazardous Waste Thresholds (ref. 6 NYCRR Part 371.3, Maximum Concentration of Contaminants for the Toxicity Characteristic). Accordingly, all SVOC-impacted soils were disposed of as a non-hazardous waste.

4.2 Soil Disposal

Excavation of PCE-impacted soils took place on January 13th and 14th, March 10th and April 16th, 2009. On each day, the excavated soils were loaded directly into roll off containers for off-Site disposal. During the initial soil excavation on January 13th and 14th, a total of 41.66 tons of PCE-impacted soils were disposed of. On March 10th during the second phase of soil excavation, an additional 11.32 tons of PCE-impacted were disposed of. On April 16th during the third and final phase of soil excavation, 20.58 tons of PCE-impacted soils were disposed of. Over the four days, a total of 73.56 tons of PCE-impacted soils were disposed of. All PCE-impacted soils were disposed of as a D039 hazardous waste at Cassie Ecology Oil Salvage Inc. in Vineland, New Jersey (EPA ID No. NJD046995693). Copies of the hazardous waste manifests are provided in Appendix H.

Excavation of SVOC-impacted soils took place on January 21st and March 10th, 2009. Impacted soil and bottom sediment from the two drywells were removed and transported to the disposal facility using a vactor truck. Soils excavated from the pipe terminus area were loaded directly into dump trucks and transported to the disposal facility. On January 21st, 23.48 tons of SVOC-impacted soils were disposed of. On March 10th an additional 3.36 tons of SVOC-impacted soils from the expanded pipe terminus excavation were disposed of. Over the two days, a total of 26.84 tons of SVOC-impacted soils were disposed of. All SVOC-impacted soils were disposed of as a non-hazardous waste at WRE/EarthCare (RMS) in Deer Park, New York. Copies of the non-hazardous waste manifests are provided in Appendix I.

5.0 SITE RESTORATION ACTIVITIES

This section of the Interim Remedial Measure Report describes the site restoration activities at the Alert Fire Company Site after completing the Interim Remedial Measure and receiving NYSDEC approval to backfill the excavations.

5.1 PCE-Source Area Restoration

Upon completing the excavation and removal of PCE-impacted soils from the source area, the excavation ranged in depth from approximately five feet to 14.5 feet below grade. As indicated in Section 2.3.1 of this report, approximately ten cubic yards of soil from the initial grade to two foot excavation was stockpiled on Site for use as backfill material. The stockpiled soils were sampled on January 21, 2009 and analyzed for VOCs, SVOCs, PCBs, TCLP metals, ignitability, reactivity and corrosivity. Because all tested parameters were either non-detectable or present at concentrations will within the NYSDEC Recommended Soil Cleanup Objectives and the sample exhibited no hazardous waste characteristics, H2M received NYSDEC approval on April 10, 2009 to use the stockpiled soils as backfill. A copy of H2M Lab Report No. 0901695-001A is provided in Appendix J.

To supplement the stockpiled soils, approximately 85 cubic yards of additional backfill was brought to the Site from 110 Sand in Melville, New York. Prior to bringing any backfill material to the Site from 110 Sand, a sample of the material was collected and analyzed for VOCs, SVOCs, metals, pesticides and PCBs. As all tested parameters were either non-detectable or well within the NYSDEC Recommended Soil Cleanup Objectives, NYSDEC approved the use of backfill from 110 Sand on May 8, 2009. A copy of Long Island Analytical Lab Report No. 1176295 is provided in Appendix K. Backfill material from 110 Sand was used to backfill the PCE source area excavation as well as the pipe terminus excavation and stormwater drywells.

On May 12, 2009 Eastern Environmental remobilized to the Site to complete the restoration activities. As requested by NYSDEC, the stockpiled soils from the 0 to 2 foot PCE source area excavation were used to backfill the deepest portion of the PCE source area

excavation. Backfill material from 110 Sand was used to fill the remaining portions of the excavation. The backfill material was placed in 6 to 12-inch lifts, with each lift compacted to minimize potential subsidence. In total, approximately 50 cubic yards of backfill material (10 cubic yards of stockpiled soils from on-Site and 40 cubic yards from 110 Sand) were used to restore the PCE-source area excavation to grade.

5.2 Stormwater Drywell and Pipe Terminus Restoration

Upon completing the restoration of the PCE source area, Eastern Environmental then backfilled the two stormwater drywells and the pipe terminus excavation. As the stormwater drywells and the pipe leading from the pipe terminus excavation no longer served any purpose, the drywell structures (i.e., concrete leaching rings) and pipe were abandoned in place. Both drywells and the pipe terminus excavation were filled to grade in 6 to 12-inch lifts using backfill material from 110 Sand. As in the PCE source area, the backfill was placed in 6 to 12-inch lifts, compacting between each lift to minimize potential settlement/subsidence. Approximately 45 cubic yards of backfill material from 110 Sand was used to backfill the two drywells and pipe terminus excavation.

Upon completing the backfilling operations, all stormwater/erosion controls (secured hay bales) were removed.

5.3 Final Site Restoration

As indicated previously, the restored Site will be used for passive recreation activities (e.g., picnic area). As such, the Alert Fire Company will dress the backfilled areas with top soil and seed the areas with grass.

5.4 Post-Remediation Operation and Maintenance

Given that all PCE and SVOC-impacted soils with contaminant concentrations exceeding the NYSDEC Recommended Soil Cleanup Objectives have been removed, there should be no post-remediation operation or maintenance required. There are currently three sets of nested groundwater monitoring wells on the Site, one set in the southeast corner of the Site and the

other two along the western portion of the site. All three sets of wells were constructed with watertight locking caps and finished flush to grade with cast iron manhole covers. A moderate level of care will be required to maintain the monitoring wells in working condition.

Respectfully submitted,

HOLZMACHER, McLENDON & MURRELL, P.C.

Gary J. Miller, P.E.
Vice President

FIGURES

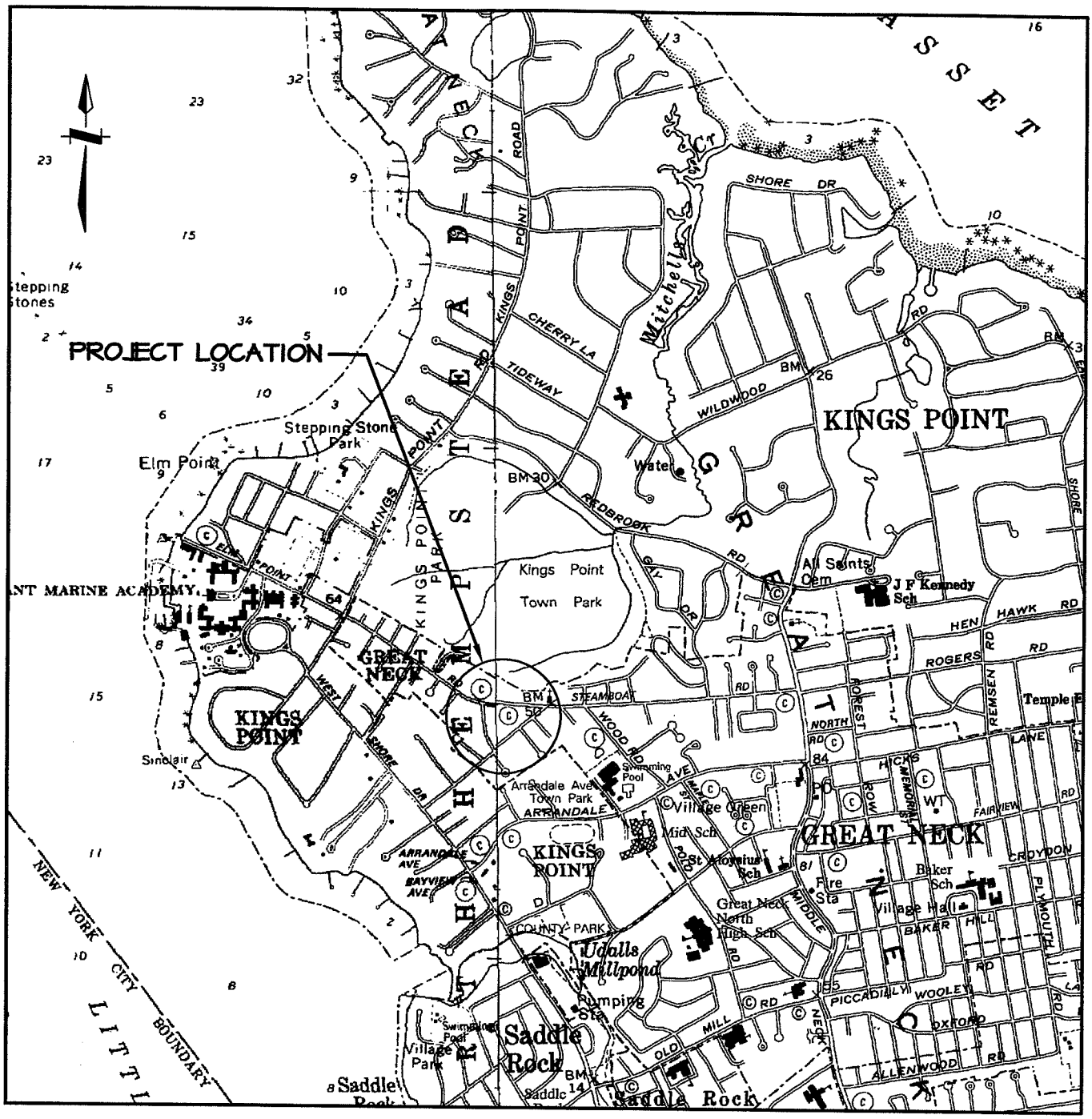


FIGURE 1.1

LOCATION MAP
ALERT FIRE COMPANY
140 STEAMBOAT ROAD
GREAT NECK, NEW YORK

SCALE: 1"= 2000'

H2MGROUP ENGINEERS · ARCHITECTS · PLANNERS · SCIENTISTS · SURVEYORS
MELVILLE, N.Y. TOTOWA, N.J.

M:\cad\ALFC\0801\FIGURE 1.1.dwg Last Modified: Aug 18, 2009 - 10:59am Plotted on: Aug 19, 2009 - 9:43am By rm

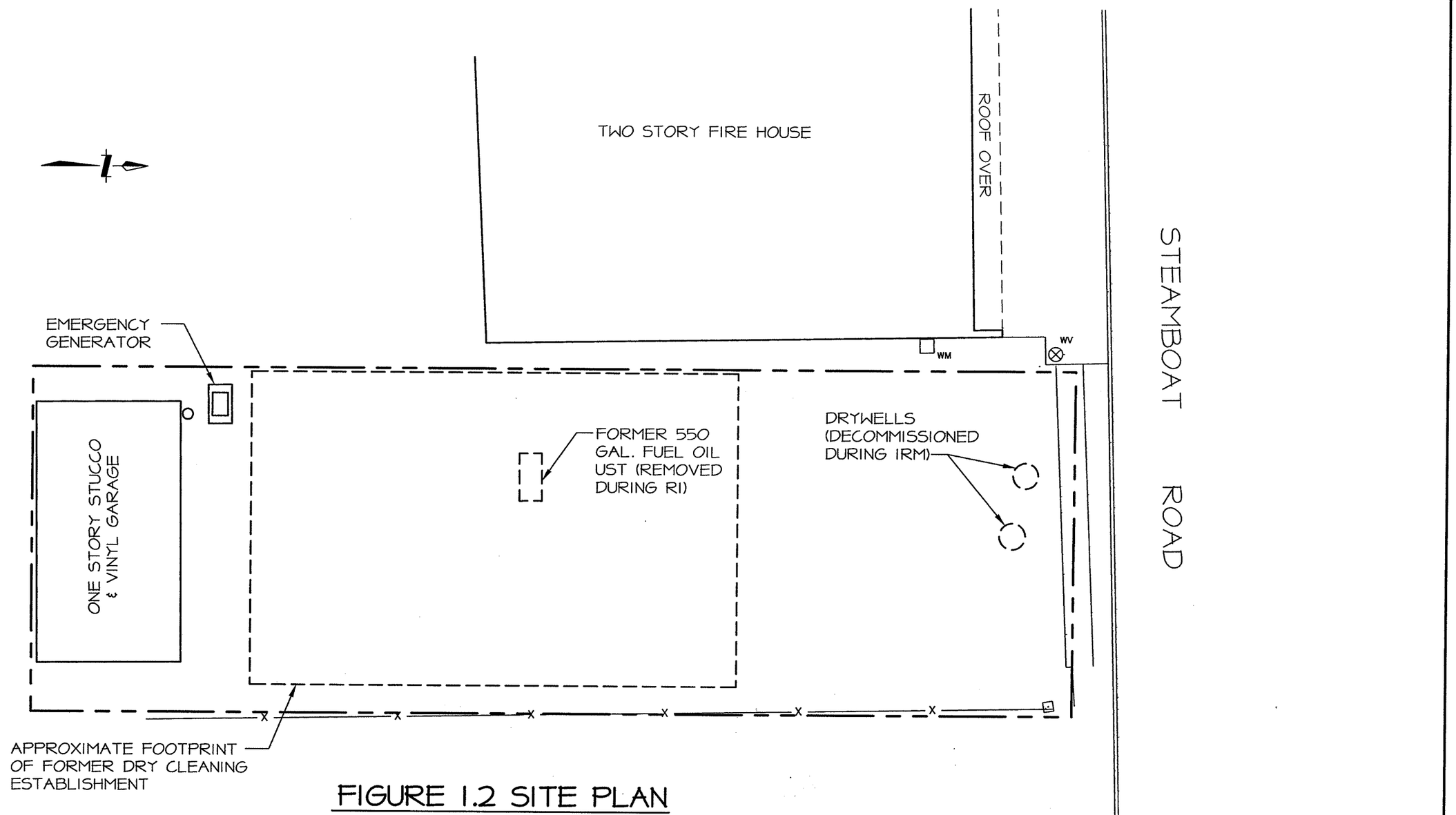


FIGURE 1.2 SITE PLAN
ALERT FIRE COMPANY
140 STEAMBOAT ROAD
GREAT NECK, NEW YORK

SCALE: 1"= 15'

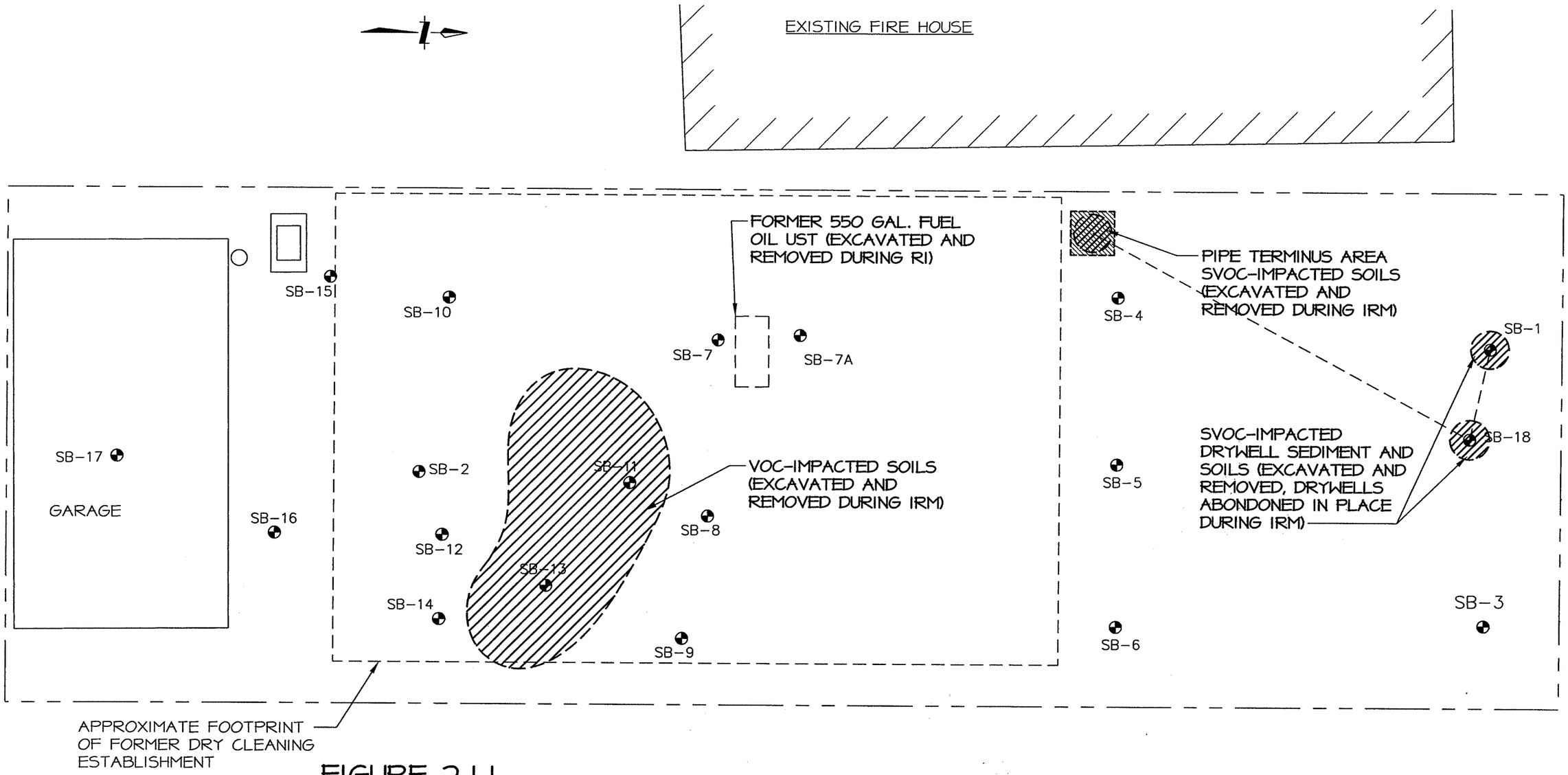


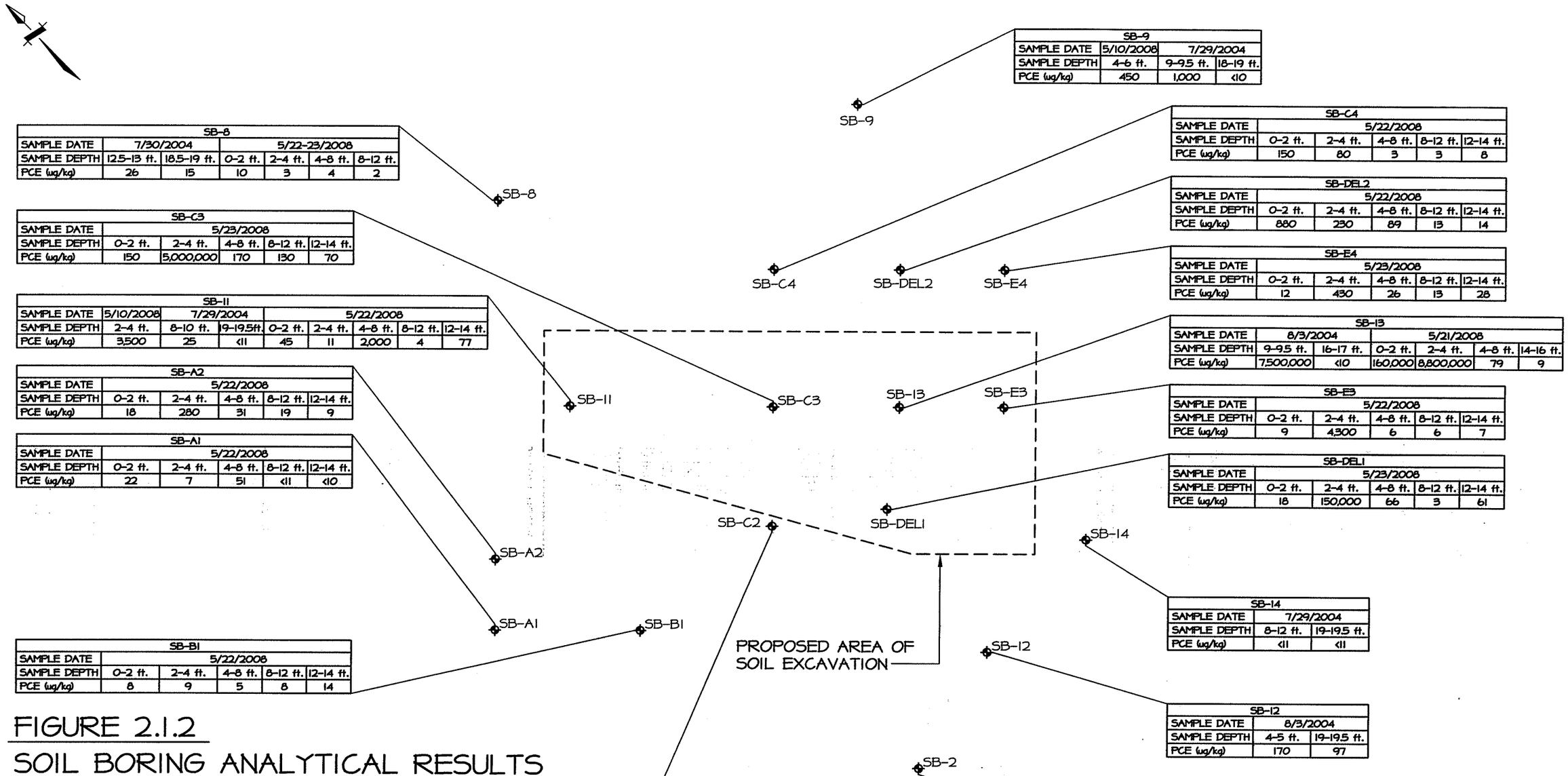
FIGURE 2.1.1
IMPACTED SOILS
ALERT FIRE COMPANY
140 STEAMBOAT ROAD
GREAT NECK, NEW YORK

SCALE: 1"= 10'

LEGEND:

SB-3 SOIL BORING LOCATIONS

IMPACTED SOILS



SB-8						
SAMPLE DATE	7/30/2004		5/22-23/2008			
SAMPLE DEPTH	12.5-13 ft.	18.5-19 ft.	0-2 ft.	2-4 ft.	4-8 ft.	8-12 ft.
PCE (ug/kg)	26	15	10	3	4	2

SB-C3					
SAMPLE DATE	5/23/2008				
SAMPLE DEPTH	0-2 ft.	2-4 ft.	4-8 ft.	8-12 ft.	12-14 ft.
PCE (ug/kg)	150	5,000,000	170	130	70

SB-11								
SAMPLE DATE	5/10/2008	7/29/2004		5/22/2008				
SAMPLE DEPTH	2-4 ft.	8-10 ft.	19-19.5ft.	0-2 ft.	2-4 ft.	4-8 ft.	8-12 ft.	12-14 ft.
PCE (ug/kg)	3,500	25	<11	45	11	2,000	4	77

SB-A2					
SAMPLE DATE	5/22/2008				
SAMPLE DEPTH	0-2 ft.	2-4 ft.	4-8 ft.	8-12 ft.	12-14 ft.
PCE (ug/kg)	18	280	31	19	9

SB-A1					
SAMPLE DATE	5/22/2008				
SAMPLE DEPTH	0-2 ft.	2-4 ft.	4-8 ft.	8-12 ft.	12-14 ft.
PCE (ug/kg)	22	7	51	<11	<10

SB-B1					
SAMPLE DATE	5/22/2008				
SAMPLE DEPTH	0-2 ft.	2-4 ft.	4-8 ft.	8-12 ft.	12-14 ft.
PCE (ug/kg)	8	9	5	8	14

SB-9			
SAMPLE DATE	5/10/2008	7/29/2004	
SAMPLE DEPTH	4-6 ft.	9-9.5 ft.	18-19 ft.
PCE (ug/kg)	450	1,000	<10

SB-C4					
SAMPLE DATE	5/22/2008				
SAMPLE DEPTH	0-2 ft.	2-4 ft.	4-8 ft.	8-12 ft.	12-14 ft.
PCE (ug/kg)	150	80	3	3	8

SB-DEL2					
SAMPLE DATE	5/22/2008				
SAMPLE DEPTH	0-2 ft.	2-4 ft.	4-8 ft.	8-12 ft.	12-14 ft.
PCE (ug/kg)	880	230	89	13	14

SB-E4					
SAMPLE DATE	5/23/2008				
SAMPLE DEPTH	0-2 ft.	2-4 ft.	4-8 ft.	8-12 ft.	12-14 ft.
PCE (ug/kg)	12	430	26	13	28

SB-13						
SAMPLE DATE	8/3/2004		5/21/2008			
SAMPLE DEPTH	9-9.5 ft.	16-17 ft.	0-2 ft.	2-4 ft.	4-8 ft.	14-16 ft.
PCE (ug/kg)	7,500,000	<10	160,000	8,800,000	79	9

SB-E3					
SAMPLE DATE	5/22/2008				
SAMPLE DEPTH	0-2 ft.	2-4 ft.	4-8 ft.	8-12 ft.	12-14 ft.
PCE (ug/kg)	9	4,300	6	6	7

SB-DEL1					
SAMPLE DATE	5/23/2008				
SAMPLE DEPTH	0-2 ft.	2-4 ft.	4-8 ft.	8-12 ft.	12-14 ft.
PCE (ug/kg)	18	150,000	66	3	61

SB-14		
SAMPLE DATE	7/29/2004	
SAMPLE DEPTH	8-12 ft.	19-19.5 ft.
PCE (ug/kg)	<11	<11

SB-12		
SAMPLE DATE	8/3/2004	
SAMPLE DEPTH	4-5 ft.	19-19.5 ft.
PCE (ug/kg)	170	97

SB-C2					
SAMPLE DATE	5/22/2008				
SAMPLE DEPTH	0-2 ft.	2-4 ft.	4-8 ft.	8-12 ft.	12-14 ft.
PCE (ug/kg)	8	20	1,000	4	13

SB-2						
SAMPLE DATE	7/30/2004		5/22/2008			
SAMPLE DEPTH	12-14 ft.	19-19.5 ft.	0-2 ft.	2-4 ft.	4-8 ft.	8-12 ft.
PCE (ug/kg)	<11	<10	12	96	10	4

FIGURE 2.1.2
SOIL BORING ANALYTICAL RESULTS
ALERT FIRE COMPANY
140 STEAMBOAT ROAD
GREAT NECK, NEW YORK

SCALE: 1" = 5'

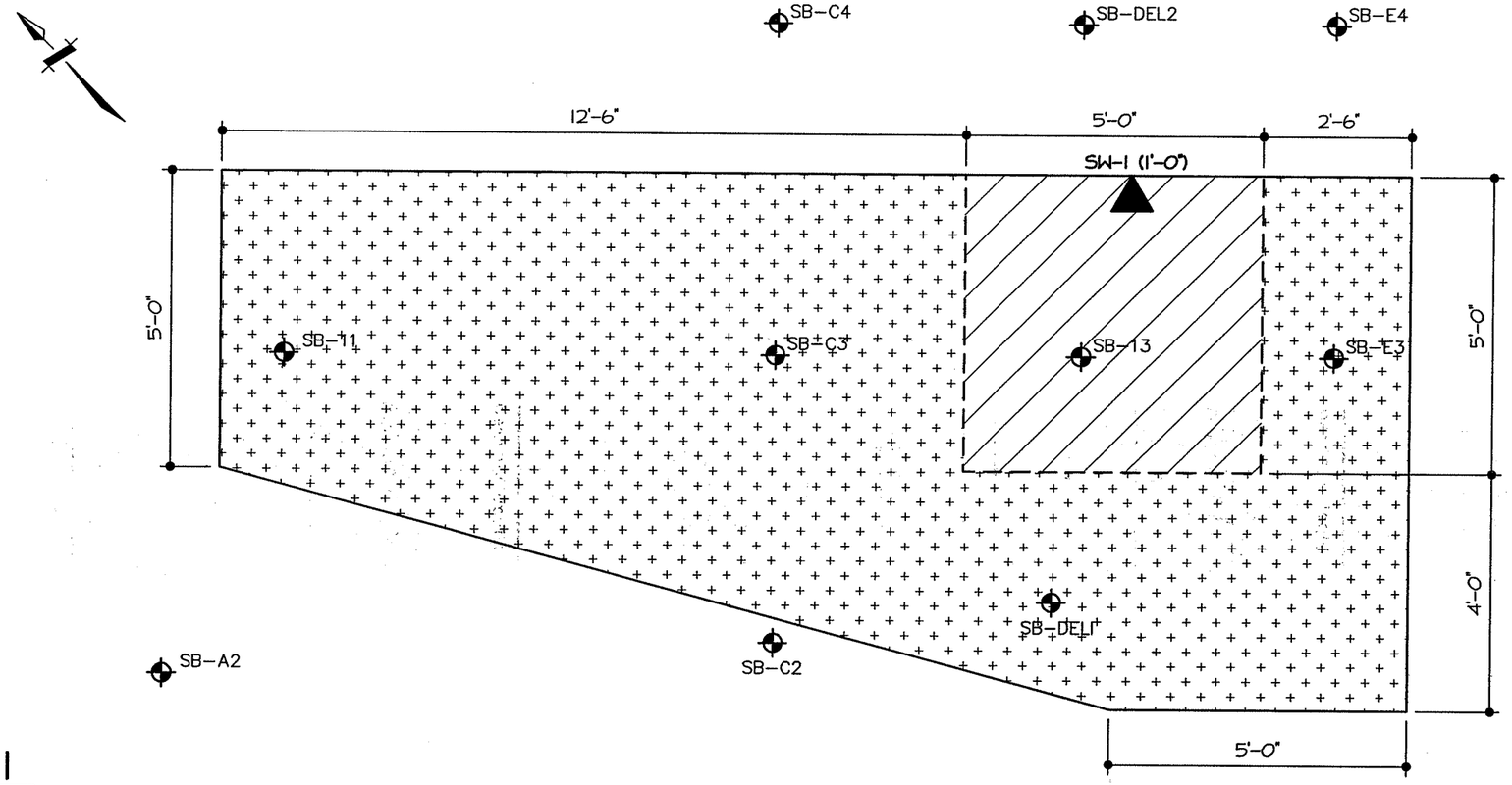


FIGURE 2.3.1
PCE SOIL EXCAVATION
0-2 FOOT DEPTH
ALERT FIRE COMPANY
140 STEAMBOAT ROAD
GREAT NECK, NEW YORK

SCALE: 1" = 2.5'

LEGEND:

- SOIL BORING
- SIDEWALL END-POINT SAMPLE
- EXCAVATED AREA
- CLEAN SOILS EXCAVATED AND STOCKPILED FOR BACKFILL

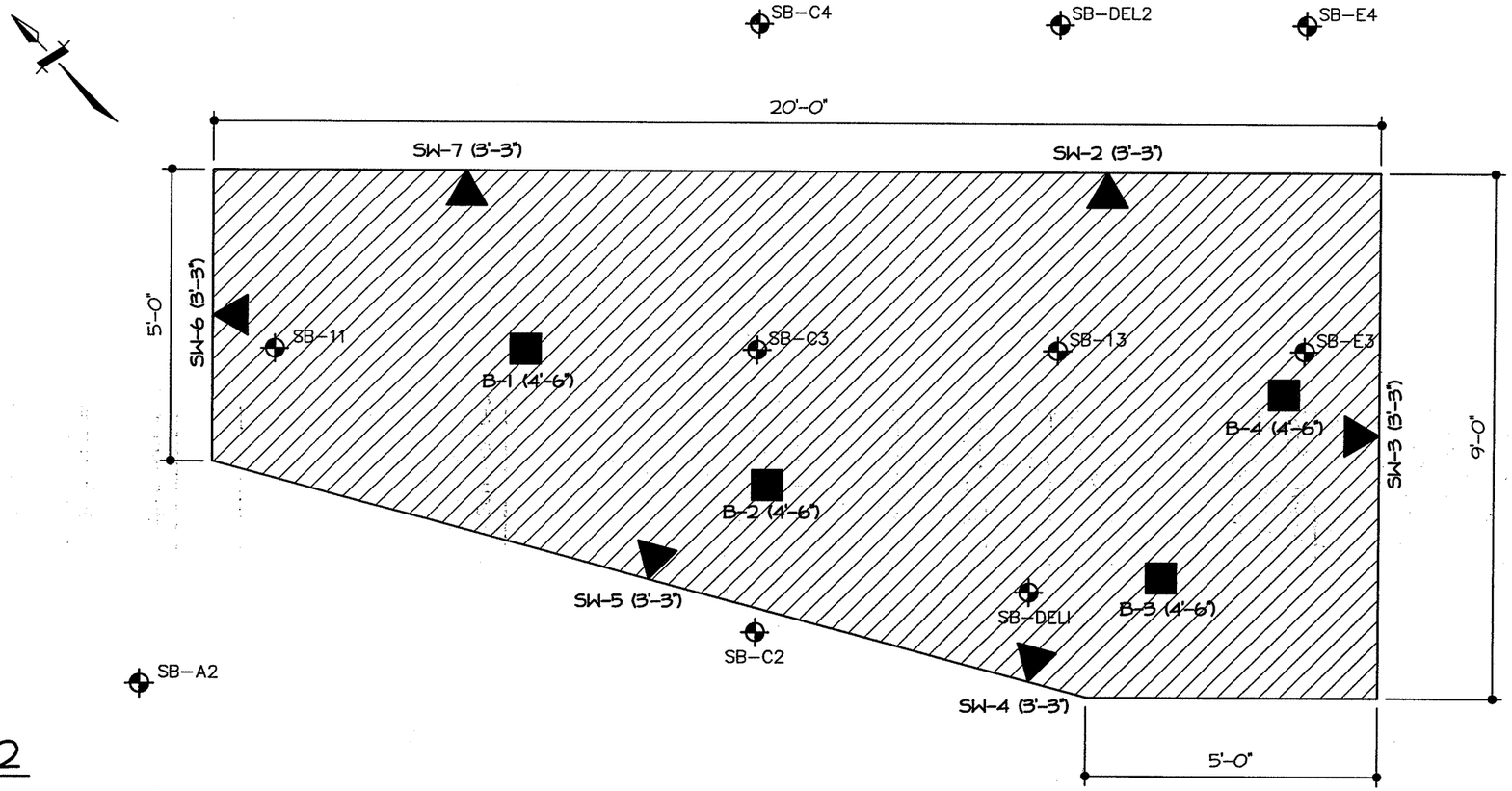


FIGURE 2.3.2
PCE SOIL EXCAVATION
2-4.5 FOOT DEPTH
ALERT FIRE COMPANY
140 STEAMBOAT ROAD
GREAT NECK, NEW YORK

SCALE: 1" = 2.5'

LEGEND:

- SOIL BORING
- SIDEWALL END-POINT SAMPLE
- BASE END-POINT SAMPLE
- EXCAVATED AREA

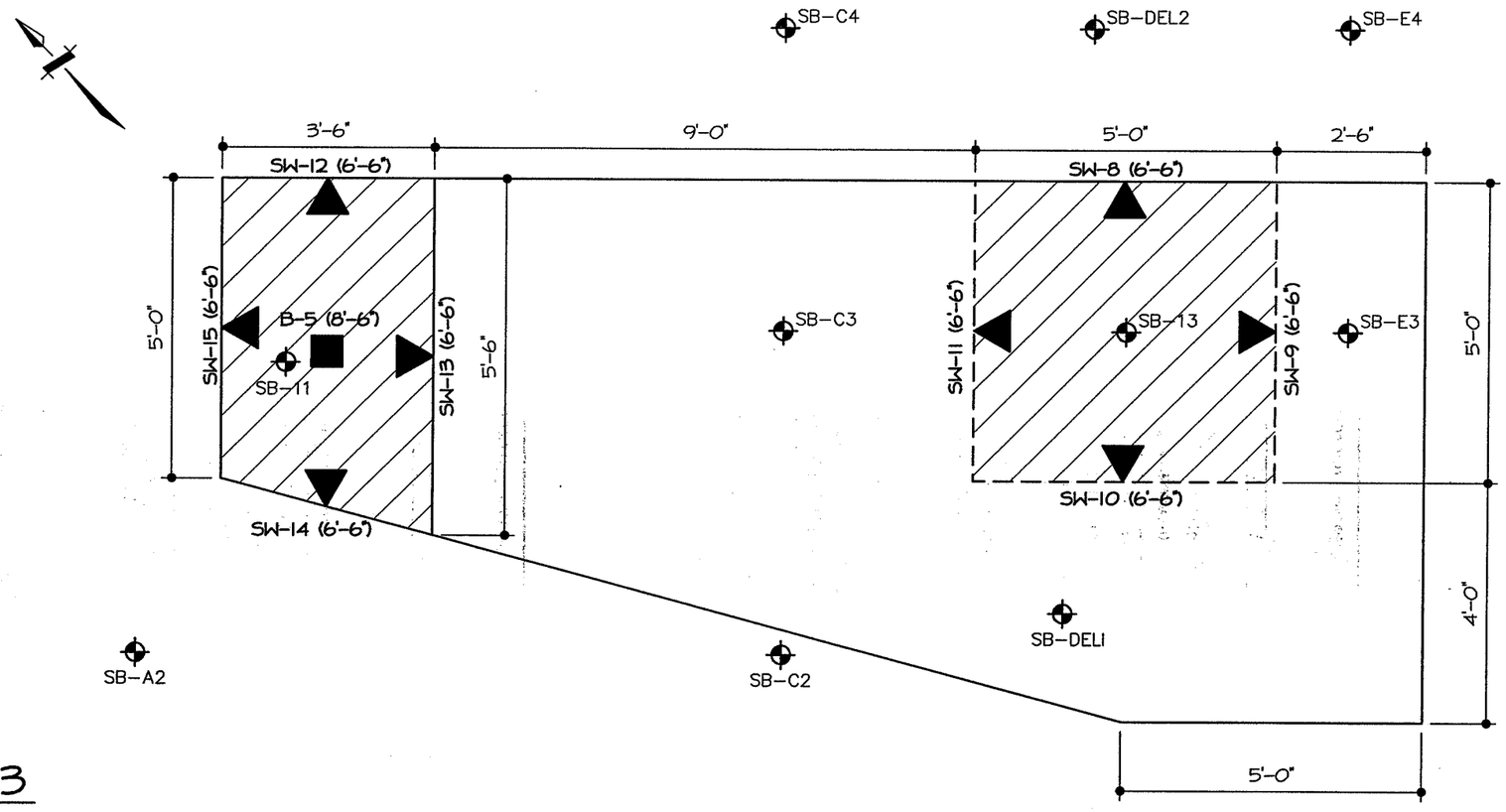


FIGURE 2.3.3
PCE SOIL EXCAVATION
4.5-8.5 FOOT DEPTH
ALERT FIRE COMPANY
140 STEAMBOAT ROAD
GREAT NECK, NEW YORK

SCALE: 1" = 2.5'

LEGEND:

- SOIL BORING
- SIDEWALL END-POINT SAMPLE
- BASE END-POINT SAMPLE
- EXCAVATED AREA

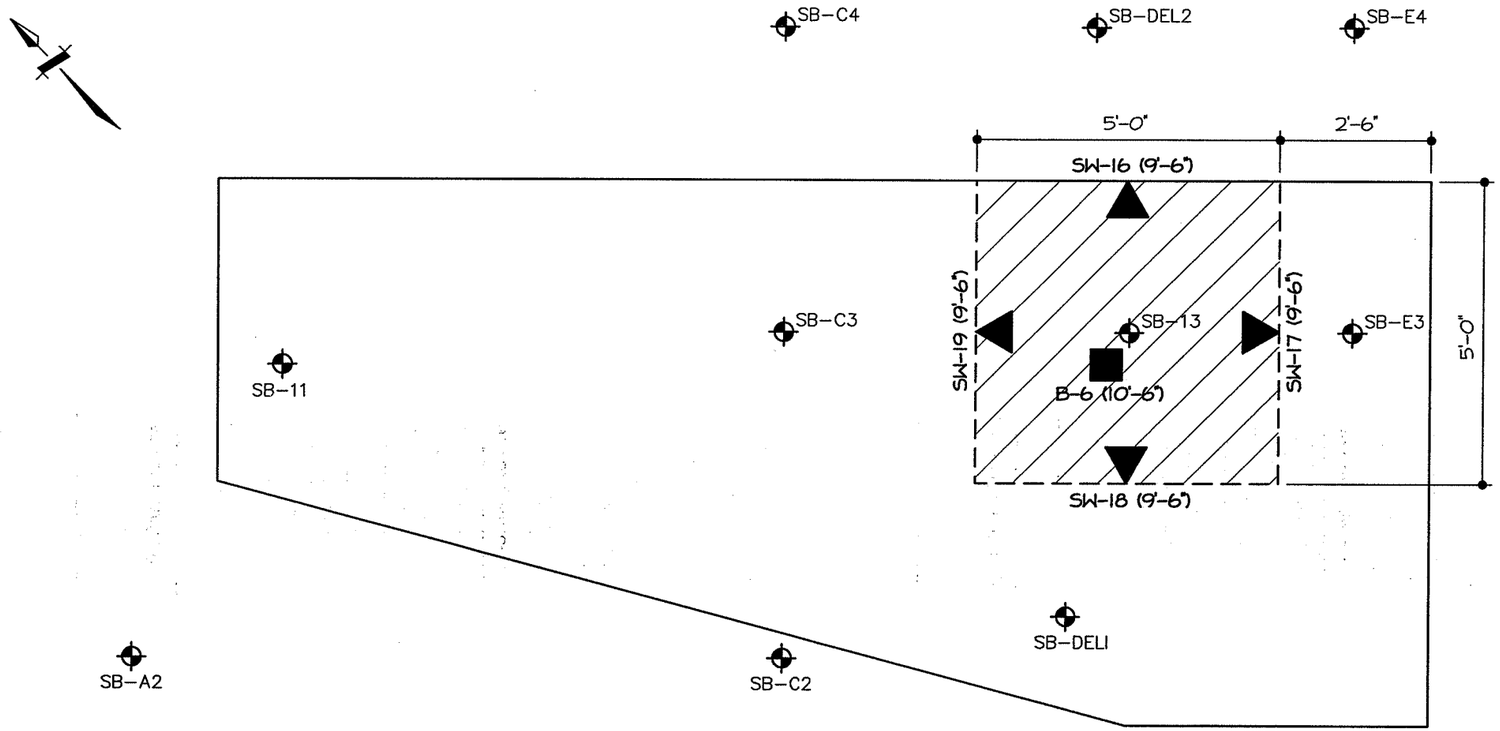


FIGURE 2.3.4
PCE SOIL EXCAVATION
8.5-10.5 FOOT DEPTH
ALERT FIRE COMPANY
140 STEAMBOAT ROAD
GREAT NECK, NEW YORK

SCALE: 1" = 2.5'

LEGEND:

- SOIL BORING
- SIDEWALL END-POINT SAMPLE
- BASE END-POINT SAMPLE
- EXCAVATED AREA

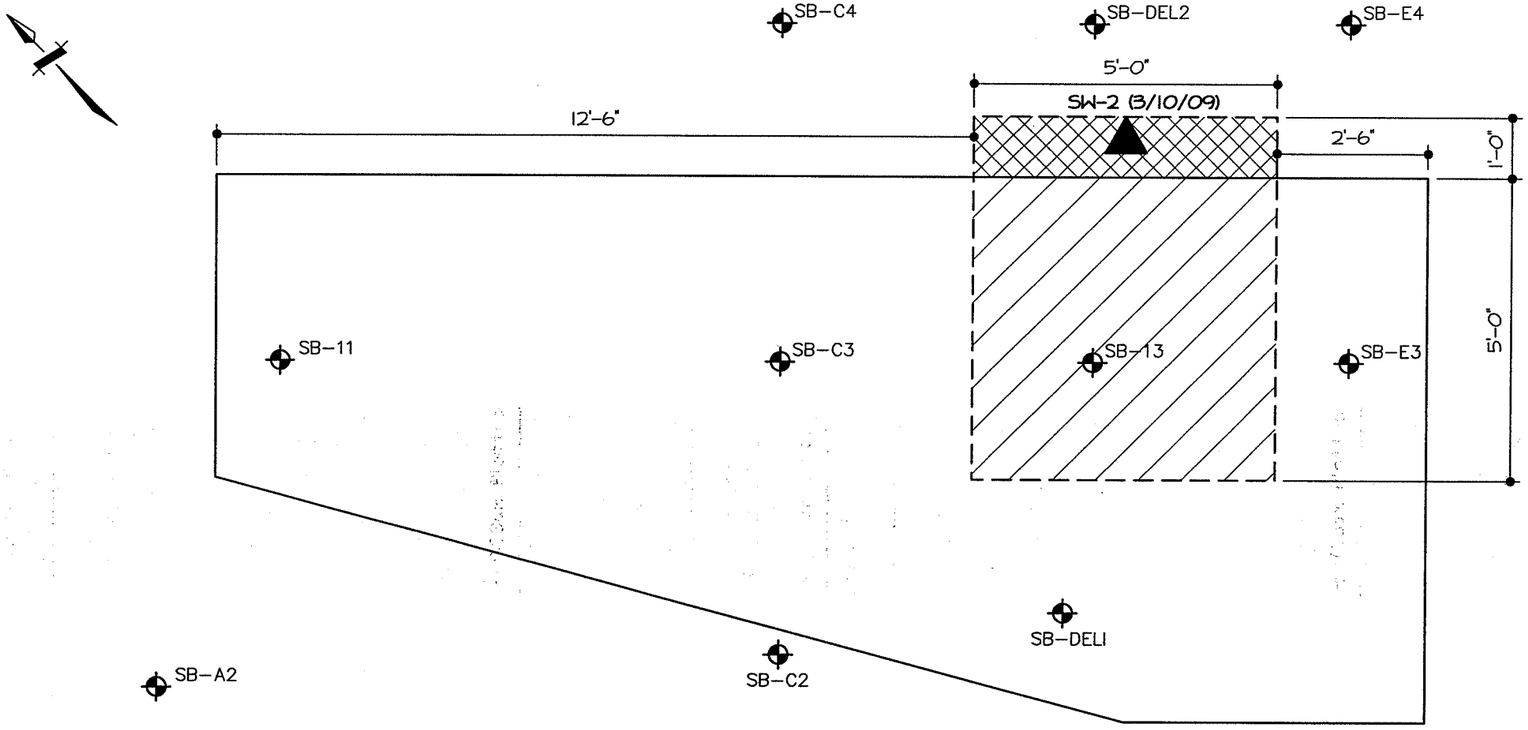


FIGURE 2.4.1
PHASE II PCE SOIL EXCAVATION
0-4.5 FOOT DEPTH
ALERT FIRE COMPANY
140 STEAMBOAT ROAD
GREAT NECK, NEW YORK

SCALE: 1" = 2.5'

LEGEND:

- SOIL BORING
- SIDEWALL END-POINT SAMPLE
- INITIAL SOIL EXCAVATED
- PHASE II SOIL EXCAVATION

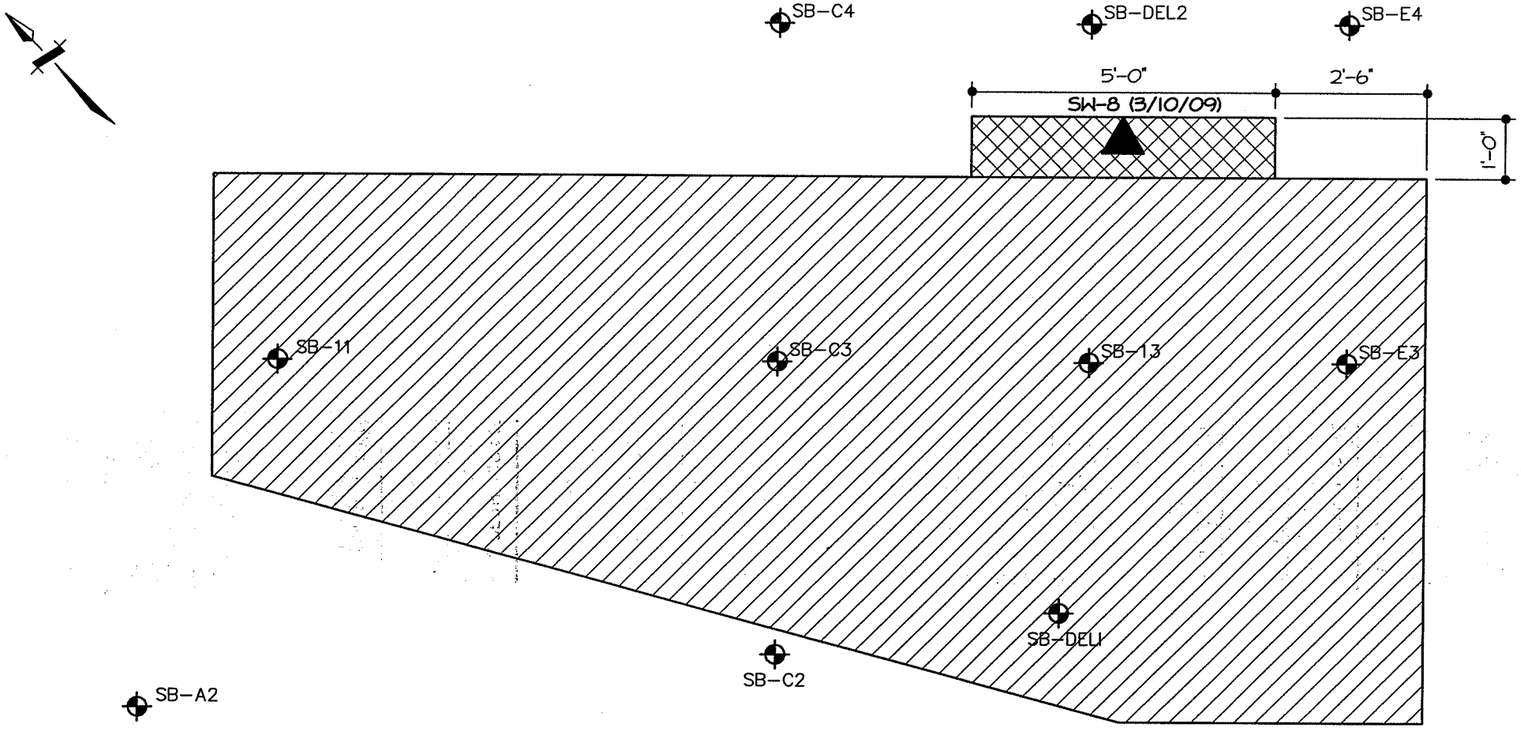


FIGURE 2.4.2
PHASE II PCE SOIL EXCAVATION
4.5-8.5 FOOT DEPTH
ALERT FIRE COMPANY
140 STEAMBOAT ROAD
GREAT NECK, NEW YORK

SCALE: 1" = 2.5'

LEGEND:

- SOIL BORING
- SIDEWALL END-POINT SAMPLE
- INITIAL SOIL EXCAVATION
- PHASE II SOIL EXCAVATION

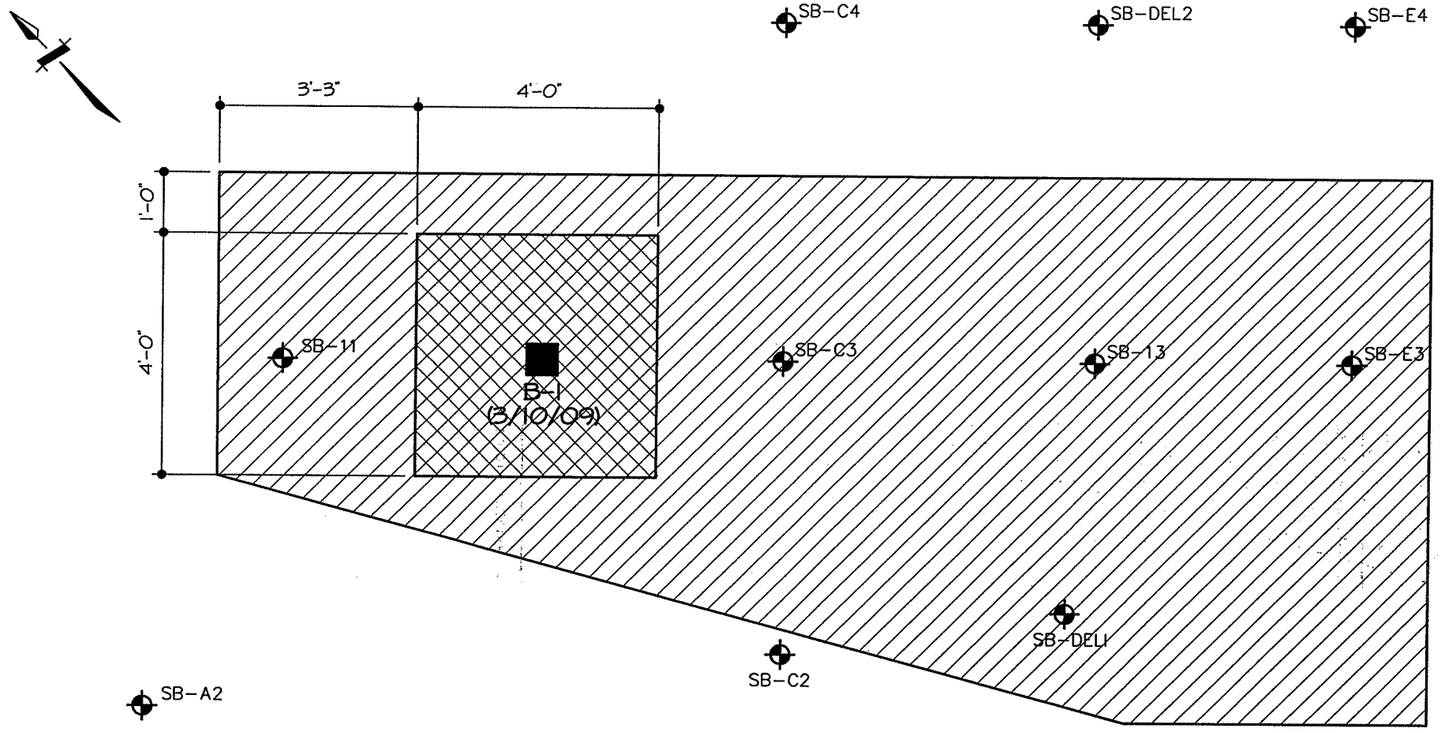


FIGURE 2.4.3
PHASE II PCE SOIL EXCAVATION
4.5-5.5 FOOT DEPTH
ALERT FIRE COMPANY
140 STEAMBOAT ROAD
GREAT NECK, NEW YORK

SCALE: 1" = 2.5'

LEGEND:

- SOIL BORING
- BASE END-POINT SAMPLE
- INITIAL SOIL EXCAVATION
- PHASE II SOIL EXCAVATION

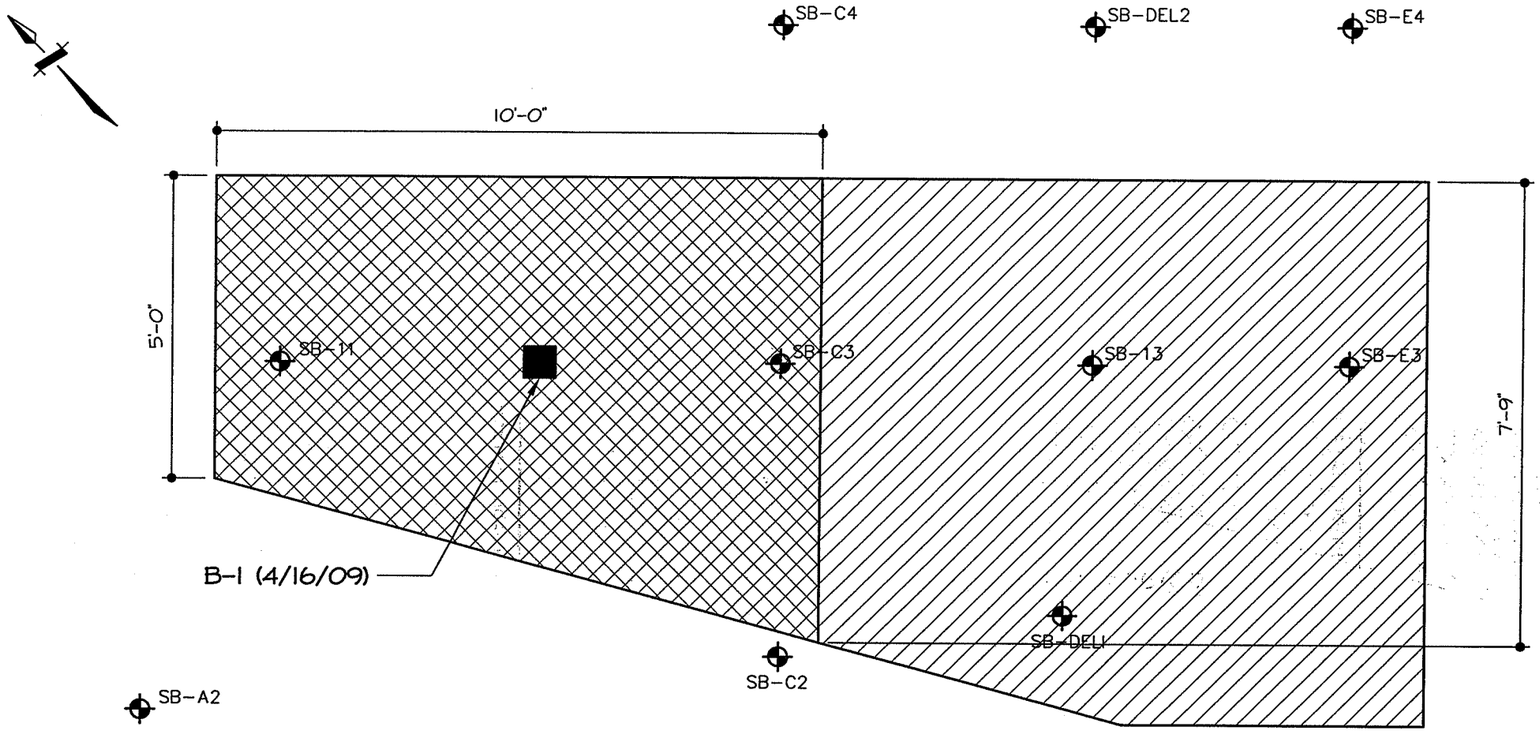


FIGURE 2.4.4
PHASE III PCE SOIL EXCAVATION
4.5-14.5 FOOT DEPTH
ALERT FIRE COMPANY
140 STEAMBOAT ROAD
GREAT NECK, NEW YORK

SCALE: 1" = 2.5'

LEGEND:

- SOIL BORING
- BASE END-POINT SAMPLE
- INITIAL SOIL EXCAVATION
- PHASE III SOIL EXCAVATION

TABLES

TABLE 2.3.1 (1 of 5)
Initial Endpoint Sample TCL VOC Results (1)
Alert Fire Company Site
Great Neck, New York

Soil Boring	SW-1	B-1	B-1	B-2	B-3	B-4	NYSDEC
Sample Depth	1.0 ft.	4.5 ft.	4.5 ft.	4.5 ft.	4.5 ft.	4.5 ft.	RSCO (2)
Sample Date	1/13/2009	1/13/2009	1/13/2009	1/13/2009	1/13/2009	1/13/2009	
Lab Sample ID	0901344-001A	0901374-001A	0901374-001A-DL	0901374-002A	0901374-003A-D	0901374-004A	
Parameter							
Chloromethane	110 U	56 UJ	140,000 U	11 UJ	11 UJ	11 UJ	-
Bromomethane	110 U	56 UJ	140,000 U	11 UJ	11 UJ	11 UJ	-
Vinyl chloride	110 U	56 U	140,000 U	11 U	11 U	11 U	200
Chloroethane	110 U	56 U	140,000 U	11 U	11 U	11 U	1,900
Methylene chloride	110 U	56 U	140,000 U	11 U	11 U	11 U	100
Acetone	110 U	56 U	140,000 U	11 U	11 U	11 U	200
1,1-Dichloroethene	110 U	56 U	140,000 U	11 U	11 U	11 U	400
Carbon disulfide	110 U	56 U	140,000 U	11 U	11 U	11 U	2,700
1,1-Dichloroethane	110 U	56 U	140,000 U	11 U	11 U	11 U	200
1,2-Dichloroethene (total)	110 U	56 U	140,000 U	11 U	11 U	11 U	300
Chloroform	110 U	56 U	140,000 U	11 U	11 U	11 U	300
1,2-Dichloroethane	110 U	56 U	140,000 U	11 U	11 U	11 U	100
2-Butanone	110 U	56 U	140,000 U	11 U	11 U	11 U	300
1,1,1-Trichloroethane	110 U	56 U	140,000 U	11 U	11 U	11 U	800
Carbon tetrachloride	110 U	56 U	140,000 U	11 U	11 U	11 U	600
Bromodichloromethane	110 U	56 U	140,000 U	11 U	11 U	11 U	-
1,2-Dichloropropane	110 U	56 U	140,000 U	11 U	11 U	11 U	-
cis-1,3-Dichloropropene	110 U	56 U	140,000 U	11 U	11 U	11 U	300
Trichloroethene	110 U	110 J	140,000 U	11 U	11 U	11 U	700
Dibromochloromethane	110 U	56 U	140,000 U	11 U	11 U	11 U	-
1,1,2-Trichloroethane	110 U	56 U	140,000 U	11 U	11 U	11 U	-
Benzene	110 U	56 U	140,000 U	11 U	11 U	11 U	60
trans-1,3-Dichloropropene	110 U	56 U	140,000 U	11 U	11 U	11 U	-
Bromoform	110 U	56 U	140,000 U	11 U	11 U	11 U	-
4-Methyl-2-pentanone	110 U	56 U	140,000 U	11 U	11 U	11 U	1,000
2-Hexanone	110 U	56 U	140,000 U	11 U	11 U	11 U	-
Tetrachloroethene	400 B	110,000 E	1,200,000 D	56	3 J	4 J	1,400
1,1,2,2-Tetrachloroethane	110 U	56 U	140,000 U	11 U	11 U	11 U	600
Toluene	110 U	56 U	140,000 U	11 U	11 U	11 U	1,500
Chlorobenzene	110 U	38 J	140,000 U	11 U	11 U	11 U	1,700
Ethylbenzene	110 U	14 J	140,000 U	11 U	11 U	11 U	5,500
Styrene	110 U	56 U	140,000 U	11 U	11 U	11 U	-
Xylene (total)	110 U	39 J	140,000 U	11 U	11 U	11 U	1,200
TICs (3)	140 JX	11,660 JN	ND	1,047 J	618 J	130 J	
Total VOCs (4)	579	**121,902**	**1,200,000**	1,106	624	137	10,000

Notes: (1) All results reported in micrograms per kilogram (ug/kg).
(2) NYSDEC Recommended Soil Cleanup Objectives (ref. TAGM HWR-94-4046).
(3) Tentatively identified compounds.
(4) Sum of all detected compounds including TICs.
"B" Analyte was detected in associated blank.
"D" Compounds identified in a dilution analyses.
"DL" Dilution analysis.
"E" Concentration exceeded instrument calibration range.
"J" Indicates an estimated value.
"N" Presumptive evidence of a compound.
"ND" None detected.
"U" Compound was analyzed for but not detected.
"X" Suspected carryover.

TABLE 2.3.1 (2 of 5)
Initial Endpoint Sample TCL VOC Results (1)
Alert Fire Company Site
Great Neck, New York

Soil Boring	SW-2	SW-2	SW-2A (2)	SW-2A (2)	SW-3	SW-4	NYSDEC
Sample Depth	3.25 ft.	3.25 ft.	3.25 ft.	3.25 ft.	3.25 ft.	3.25 ft.	RSCO (3)
Sample Date	1/13/2009	1/13/2009	1/13/2009	1/13/2009	1/13/2009	1/13/2009	
Lab Sample ID	0901374-006A	0901374-006A-DL	0901374-007A	0901374-007A-DL	0901374-008A	0901374-009A	
Parameter							
Chloromethane	12 UJ	15,000 U	59 U	5,900 U	52 UJ	53 U	-
Bromomethane	12 UJ	15,000 U	59 U	5,900 U	52 UJ	53 U	-
Vinyl chloride	12 U	15,000 U	59 U	5,900 U	52 U	53 U	200
Chloroethane	12 U	15,000 U	59 U	5,900 U	52 U	53 U	1,900
Methylene chloride	12 U	15,000 U	59 U	5,900 U	52 U	53 U	100
Acetone	12 U	15,000 U	59 U	5,900 U	52 U	53 U	200
1,1-Dichloroethene	12 U	15,000 U	59 U	5,900 U	52 U	53 U	400
Carbon disulfide	12 U	15,000 U	59 U	5,900 U	52 U	53 U	2,700
1,1-Dichloroethane	12 U	15,000 U	59 U	5,900 U	52 U	53 U	200
1,2-Dichloroethene (total)	12 U	15,000 U	59 U	5,900 U	52 U	53 U	300
Chloroform	12 U	15,000 U	59 U	5,900 U	52 U	53 U	300
1,2-Dichloroethane	12 U	15,000 U	59 U	5,900 U	52 U	53 U	100
2-Butanone	12 U	15,000 U	59 U	5,900 U	52 U	53 U	300
1,1,1-Trichloroethane	12 U	15,000 U	59 U	5,900 U	52 U	53 U	800
Carbon tetrachloride	12 U	15,000 U	59 U	5,900 U	52 U	53 U	600
Bromodichloromethane	12 U	15,000 U	59 U	5,900 U	52 U	53 U	-
1,2-Dichloropropane	12 U	15,000 U	59 U	5,900 U	52 U	53 U	-
cis-1,3-Dichloropropane	12 U	15,000 U	59 U	5,900 U	52 U	53 U	300
Trichloroethene	12 U	15,000 U	59 U	5,900 U	52 U	53 U	700
Dibromochloromethane	12 U	15,000 U	59 U	5,900 U	52 U	53 U	-
1,1,2-Trichloroethane	12 U	15,000 U	59 U	5,900 U	52 U	53 U	-
Benzene	12 U	15,000 U	59 U	5,900 U	52 U	53 U	60
trans-1,3-Dichloropropene	12 U	15,000 U	59 U	5,900 U	52 U	53 U	-
Bromoform	12 U	15,000 U	59 U	5,900 U	52 U	53 U	-
4-Methyl-2-pentanone	12 U	15,000 U	59 U	5,900 U	52 U	53 U	1,000
2-Hexanone	12 U	15,000 U	59 U	5,900 U	52 U	53 U	-
Tetrachloroethene	**11,000** E	**14,000** DJ	**62,000** E	**140,000** DE	350	82 B	1,400
1,1,2,2-Tetrachloroethane	21	15,000 U	120	5,900 U	52 U	53 U	600
Toluene	12 U	15,000 U	59 U	5,900 U	52 U	53 U	1,500
Chlorobenzene	12 U	15,000 U	59 U	5,900 U	52 U	53 U	1,700
Ethylbenzene	12 U	15,000 U	59 U	5,900 U	52 U	53 U	5,500
Styrene	12 U	15,000 U	59 U	5,900 U	52 U	53 U	-
Xylene (total)	12 U	15,000 U	59 U	5,900 U	52 U	53 U	1,200
TICs (4)	5,470 J	8,200 JD	25,200 J	25,700 JND	280 J	121 JX	
Total VOCs (5)	**16,501**	**22,200**	**87,359**	**166,430**	646	223	10,000

Notes: (1) All results reported in micrograms per kilogram (ug/kg).
(2) Sample SW-2A is a blind duplicate of sample SW-2.
(3) NYSDEC Recommended Soil Cleanup Objectives (ref. TAGM HWR-94-4046).
(4) Tentatively identified compounds.
(5) Sum of all detected compounds including TICs.
"B" Analyte was detected in associated blank.
"D" Compounds identified in a dilution analyses.
"DL" Dilution analysis.
"E" Concentration exceeded instrument calibration range.
"J" Indicates an estimated value.
"N" Presumptive evidence of a compound.
"ND" None detected.
"U" Compound was analyzed for but not detected.
"X" Suspected carryover.

TABLE 2.3.1 (3 of 5)
Initial Endpoint Sample TCL VOC Results (1)
Alert Fire Company Site
Great Neck, New York

Soil Boring	SW-5	SW-6	SW-7	B-5	B-6	SW-15	NYSDEC
Sample Depth	3.25 ft.	3.25 ft.	3.25 ft.	8.5 ft.	10.5 ft.	6.5 ft.	RSCO (2)
Sample Date	1/13/2009	1/13/2009	1/13/2009	1/14/2009	1/14/2009	1/14/2009	
Lab Sample ID	0901374-010A	0901374-011A	0901374-012A	0901436-001A	0901436-002A	0901436-003A	
Parameter							
Chloromethane	58 UJ	59 UJ	59 UJ	10 U	110 U	120 U	-
Bromomethane	58 UJ	59 UJ	59 UJ	10 U	110 U	120 U	-
Vinyl chloride	58 U	59 U	59 U	10 U	110 U	120 U	200
Chloroethane	58 U	59 U	59 U	10 U	110 U	120 U	1,900
Methylene chloride	58 U	59 U	59 U	10 U	110 U	120 U	100
Acetone	58 U	59 U	59 U	10 UJ	110 U	120 U	200
1,1-Dichloroethene	58 U	59 U	59 U	10 UJ	110 U	120 U	400
Carbon disulfide	58 U	59 U	59 U	10 U	110 U	120 U	2,700
1,1-Dichloroethane	58 U	59 U	59 U	10 U	110 U	120 U	200
1,2-Dichloroethene (total)	58 U	59 U	59 U	10 UJ	110 U	120 U	300
Chloroform	58 U	59 U	59 U	10 U	110 U	120 U	300
1,2-Dichloroethane	58 U	59 U	59 U	10 U	110 U	120 U	100
2-Butanone	58 U	59 U	59 U	10 U	110 U	120 U	300
1,1,1-Trichloroethane	58 U	59 U	59 U	10 U	110 U	120 U	800
Carbon tetrachloride	58 U	59 U	59 U	10 U	110 U	120 U	600
Bromodichloromethane	58 U	59 U	59 U	10 U	110 U	120 U	-
1,2-Dichloropropane	58 U	59 U	59 U	10 U	110 U	120 U	-
cis-1,3-Dichloropropane	58 U	59 U	59 U	10 U	110 U	120 U	300
Trichloroethene	58 U	59 U	59 U	10 U	110 U	120 U	700
Dibromochloromethane	58 U	59 U	59 U	10 U	110 U	120 U	-
1,1,2-Trichloroethane	58 U	59 U	59 U	10 U	110 U	120 U	-
Benzene	58 U	59 U	59 U	10 U	110 U	120 U	60
trans-1,3-Dichloropropene	58 U	59 U	59 U	10 U	110 U	120 U	-
Bromoform	58 U	59 U	59 U	10 U	110 U	120 U	-
4-Methyl-2-pentanone	58 U	59 U	59 U	10 U	110 U	120 U	1,000
2-Hexanone	58 U	59 U	59 U	10 U	110 U	120 U	-
Tetrachloroethene	140	190	150	10 U	1,300	1,400	1,400
1,1,2,2-Tetrachloroethane	58 U	59 U	59 U	10 UJ	110 UJ	120 UJ	600
Toluene	58 U	59 U	59 U	10 U	110 U	120 U	1,500
Chlorobenzene	58 U	59 U	59 U	10 U	110 U	120 U	1,700
Ethylbenzene	58 U	59 U	59 U	10 U	110 U	120 U	5,500
Styrene	58 U	59 U	59 U	10 U	110 U	120 U	-
Xylene (total)	58 U	59 U	59 U	10 U	110 U	120 U	1,200
TICs (3)	ND	ND	ND	142 JN	270 JX	690 JX	
Total VOCs (4)	158	227	186	144	1,607	2,139	10,000

Notes: (1) All results reported in micrograms per kilogram (ug/kg).
(2) NYSDEC Recommended Soil Cleanup Objectives (ref. TAGM HWR-94-4046).
(3) Tentatively identified compounds.
(4) Sum of all detected compounds including TICs.
"B" Analyte was detected in associated blank.
"D" Compounds identified in a dilution analyses.
"DL" Dilution analysis.
"E" Concentration exceeded instrument calibration range.
"J" Indicates an estimated value.
"N" Presumptive evidence of a compound.
"ND" None detected.
"U" Compound was analyzed for but not detected.
"X" Suspected carryover.

TABLE 2.3.1 (4 of 5)
Initial Endpoint Sample TCL VOC Results (1)
Alert Fire Company Site
Great Neck, New York

Soil Boring	SW-16	SW-17	SW-18	SW-19	SW-8	SW-8A (2)	NYSDEC
Sample Depth	9.5 ft.	9.5 ft.	9.5 ft.	9.5 ft.	6.5 ft.	6.5 ft.	RSCO (3)
Sample Date	1/14/2009	1/14/2009	1/14/2009	1/14/2009	1/14/2009	1/14/2009	
Lab Sample ID	0901436-004A	0901436-005A	0901436-006A	0901436-007A	0901437-002A	0901437-003A	
Parameter							
Chloromethane	10 U	11 U	11 UJ	10 U	100 UJ	10 UJ	-
Bromomethane	10 U	11 U	11 UJ	10 U	100 U	10 UJ	-
Vinyl chloride	10 U	11 U	11 U	10 U	100 U	10 U	200
Chloroethane	10 U	11 U	11 U	10 U	100 U	10 U	1,900
Methylene chloride	10 U	11 U	11 U	10 U	100 U	10 U	100
Acetone	10 UJ	11 UJ	11 U	10 UJ	100 U	10 U	200
1,1-Dichloroethene	10 UJ	11 UJ	11 U	10 UJ	100 U	10 U	400
Carbon disulfide	10 U	11 U	11 UJ	10 U	100 U	10 U	2,700
1,1-Dichloroethane	10 U	11 U	11 U	10 U	100 U	10 U	200
1,2-Dichloroethene (total)	10 UJ	11 UJ	11 U	10 UJ	100 U	10 U	300
Chloroform	10 U	11 U	11 U	10 U	100 U	10 U	300
1,2-Dichloroethane	10 U	11 U	11 U	10 U	100 U	10 U	100
2-Butanone	10 U	11 U	11 U	10 U	100 U	10 U	300
1,1,1-Trichloroethane	10 U	11 U	11 U	10 U	100 U	10 U	800
Carbon tetrachloride	10 U	11 U	11 U	10 U	100 U	10 U	600
Bromodichloromethane	10 U	11 U	11 U	10 U	100 U	10 U	-
1,2-Dichloropropane	10 U	11 U	11 U	10 U	100 U	10 U	-
cis-1,3-Dichloropropane	10 U	11 U	11 U	10 U	100 U	10 U	300
Trichloroethene	10 U	11 U	11 U	10 U	100 U	10 U	700
Dibromochloromethane	10 U	11 U	11 U	10 U	100 U	10 U	-
1,1,2-Trichloroethane	10 U	11 U	11 U	10 U	100 U	10 U	-
Benzene	10 U	11 U	11 U	10 U	100 U	10 U	60
trans-1,3-Dichloropropene	10 U	11 U	11 U	10 U	100 U	10 U	-
Bromoform	10 U	11 U	11 U	10 U	100 U	10 U	-
4-Methyl-2-pentanone	10 U	11 U	11 U	10 U	100 U	10 U	1,000
2-Hexanone	10 U	11 U	11 U	10 U	100 U	10 U	-
Tetrachloroethene	10 U	11	11 U	10 U	**2,100** B	10 U	1,400
1,1,2,2-Tetrachloroethane	10 UJ	11 UJ	11 U	10 UJ	100 U	10 U	600
Toluene	10 U	11 U	11 U	10 U	100 U	10 U	1,500
Chlorobenzene	10 U	11 U	11 U	10 U	100 U	10 U	1,700
Ethylbenzene	10 U	11 U	11 U	10 U	100 U	10 U	5,500
Styrene	10 U	11 U	11 U	10 U	100 U	10 U	-
Xylene (total)	10 U	11 U	11 U	10 U	100 UJ	10 U	1,200
TICs (4)	76 JN	52 J	ND	ND	ND	ND	
Total VOCs (5)	79	55	3	3	**2,135**	2	10,000

Notes: (1) All results reported in micrograms per kilogram (ug/kg).
(2) Sample SW-8A is a blind duplicate of sample SW-8.
(3) NYSDEC Recommended Soil Cleanup Objectives (ref. TAGM HWR-94-4046).
(4) Tentatively identified compounds.
(5) Sum of all detected compounds including TICs.
"B" Analyte was detected in associated blank.
"D" Compounds identified in a dilution analyses.
"DL" Dilution analysis.
"E" Concentration exceeded instrument calibration range.
"J" Indicates an estimated value.
"N" Presumptive evidence of a compound.
"ND" None detected.
"U" Compound was analyzed for but not detected.
"X" Suspected carryover.

TABLE 2.3.1 (5 of 5)
Initial Endpoint Sample TCL VOC Results (1)
Alert Fire Company Site
Great Neck, New York

Soil Boring	SW-9	SW-10	SW-11	SW-12	SW-13	SW-14	NYSDEC
Sample Depth	6.5 ft.	6.5 ft.	6.5 ft.	6.5 ft.	6.5 ft.	6.5 ft.	RSCO (2)
Sample Date	1/14/2009	1/14/2009	1/14/2009	1/14/2009	1/14/2009	1/14/2009	
Lab Sample ID	0901437-004A	0901437-005A	0901437-006A	0901437-007A	0901437-008A	0901437-009A	
Parameter							
Chloromethane	11 UJ	10 UJ	110 UJ	10 UJ	10 UJ	11 U	-
Bromomethane	11 UJ	10 UJ	110 U	10 UJ	10 UJ	11 U	-
Vinyl chloride	11 U	10 U	110 U	10 U	10 U	11 U	200
Chloroethane	11 U	10 U	110 U	10 U	10 U	11 U	1,900
Methylene chloride	11 U	10 U	110 U	10 U	10 U	11 U	100
Acetone	11 U	10 U	110 U	10 U	10 U	11 UJ	200
1,1-Dichloroethene	11 U	10 U	110 U	10 U	10 U	11 UJ	400
Carbon disulfide	11 UJ	10 U	110 U	10 U	10 UJ	11 U	2,700
1,1-Dichloroethane	11 U	10 U	110 U	10 U	10 U	11 U	200
1,2-Dichloroethene (total)	11 U	10 U	110 U	10 U	10 U	11 UJ	300
Chloroform	11 U	10 U	110 U	10 U	10 U	11 U	300
1,2-Dichloroethane	11 U	10 U	110 U	10 U	10 U	11 U	100
2-Butanone	11 U	10 U	110 U	10 U	10 U	11 U	300
1,1,1-Trichloroethane	11 U	10 U	110 U	10 U	10 U	11 U	800
Carbon tetrachloride	11 U	10 U	110 U	10 U	10 U	11 U	600
Bromodichloromethane	11 U	10 U	110 U	10 U	10 U	11 U	-
1,2-Dichloropropane	11 U	10 U	110 U	10 U	10 U	11 U	-
cis-1,3-Dichloropropane	11 U	10 U	110 U	10 U	10 U	11 U	300
Trichloroethene	11 U	10 U	110 U	10 U	10 U	11 U	700
Dibromochloromethane	11 U	10 U	110 U	10 U	10 U	11 U	-
1,1,2-Trichloroethane	11 U	10 U	110 U	10 U	10 U	11 U	-
Benzene	11 U	10 U	11u U	10 U	10 U	11 U	60
trans-1,3-Dichloropropene	11 U	10 U	110 U	10 U	10 U	11 U	-
Bromoform	11 U	10 U	110 U	10 U	10 U	11 U	-
4-Methyl-2-pentanone	11 U	10 U	110 U	10 U	10 U	11 U	1,000
2-Hexanone	11 U	10 U	110 U	10 U	10 U	11 U	-
Tetrachloroethene	3 J	2 J	740 B	10 U	10 U	11 U	1,400
1,1,2,2-Tetrachloroethane	11 U	10 U	110 U	10 U	10 U	11 UJ	600
Toluene	11 U	10 U	110 U	10 U	10 U	11 U	1,500
Chlorobenzene	11 U	10 U	110 U	10 U	10 U	11 U	1,700
Ethylbenzene	11 U	10 U	110 U	10 U	10 U	11 U	5,500
Styrene	11 U	10 U	110 U	10 U	10 U	11 U	-
Xylene (total)	11 U	10 U	110 UJ	10 U	10 U	11 U	1,200
TICs (3)	9 JN	ND	410 JX	62 J	91 JN	ND	
Total VOCs (4)	16	5	1,187	65	94	2	10,000

Notes: (1) All results reported in micrograms per kilogram (ug/kg).
(2) NYSDEC Recommended Soil Cleanup Objectives (ref. TAGM HWR-94-4046).
(3) Tentatively identified compounds.
(4) Sum of all detected compounds including TICs.
"B" Analyte was detected in associated blank.
"D" Compounds identified in a dilution analyses.
"DL" Dilution analysis.
"E" Concentration exceeded instrument calibration range.
"J" Indicates an estimated value.
"N" Presumptive evidence of a compound.
"ND" None detected.
"U" Compound was analyzed for but not detected.
"X" Suspected carryover.

TABLE 2.4.1
March 10, 2009 Endpoint Sample TCL VOC Results (1)
Alert Fire Company Site
Great Neck, New York

Soil Boring	B-1	B-1	SW-2	SW-8	SW-8	SW-8A (2)	NYSDEC
Sample Depth	5.5 ft.	5.5 ft.	4.25 ft.	6.5 ft.	6.5 ft.	6.5 ft.	RSCO (3)
Sample Date	3/10/2009	3/10/2009	3/10/2009	3/10/2009	3/10/2009	3/10/2009	
Lab Sample ID	0903319-001A	0903319-001A-DL	0903319-003A	0903319-004A	0903319-004A-DL	0903319-005A	
Parameter							
Chloromethane	11 U	29,000 U	12 U	12 U	58 U	11 U	-
Bromomethane	11 UJ	29,000 U	12 UJ	12 UJ	58 U	11 UJ	-
Vinyl chloride	11 U	29,000 U	12 U	12 U	58 U	11 U	200
Chloroethane	11 U	29,000 U	12 U	12 U	58 U	11 U	1,900
Methylene chloride	11 U	2,900 DJ	12 U	12 U	58 U	11 U	100
Acetone	11 UJ	29,000 U	12 U	12 UJ	58 UJ	11 U	200
1,1-Dichloroethene	11 U	29,000 U	12 U	12 U	58 U	11 U	400
Carbon disulfide	11 U	29,000 U	12 U	12 U	58 U	11 U	2,700
1,1-Dichloroethane	11 U	29,000 U	12 U	12 U	58 U	11 U	200
1,2-Dichloroethene (total)	11 U	29,000 U	12 U	12 U	58 U	11 U	300
Chloroform	11 U	29,000 U	12 U	12 U	58 U	11 U	300
1,2-Dichloroethane	11 U	29,000 U	12 U	12 U	58 U	11 U	100
2-Butanone	11 U	29,000 U	12 U	12 U	58 U	11 U	300
1,1,1-Trichloroethane	11 U	29,000 U	12 U	12 U	58 U	11 U	800
Carbon tetrachloride	11 U	29,000 U	12 U	12 U	58 U	11 U	600
Bromodichloromethane	11 U	29,000 U	12 U	12 U	58 U	11 U	-
1,2-Dichloropropane	11 U	29,000 U	12 U	12 U	58 U	11 U	-
cis-1,3-Dichloropropene	11 U	29,000 U	12 U	12 U	58 U	11 U	300
Trichloroethene	11 U	29,000 U	12 U	12 U	58 U	11 U	700
Dibromochloromethane	11 U	29,000 U	12 U	12 U	58 U	11 U	-
1,1,2-Trichloroethane	11 U	29,000 U	12 U	12 U	58 U	11 U	-
Benzene	11 U	29,000 U	12 U	12 U	58 U	11 U	60
trans-1,3-Dichloropropene	11 U	29,000 U	12 U	12 U	58 U	11 U	-
Bromoform	11 U	29,000 U	12 U	12 U	58 U	11 U	-
4-Methyl-2-pentanone	11 U	29,000 U	12 U	12 U	58 U	11 U	1,000
2-Hexanone	11 U	29,000 U	12 U	12 U	58 U	11 U	-
Tetrachloroethene	760 E	**400,000** DJ	8 J	260 E	570 D	160	1,400
1,1,2,2-Tetrachloroethane	11 U	29,000 U	12 U	12 U	58 U	11 U	600
Toluene	11 U	29,000 U	12 U	12 U	58 U	3 J	1,500
Chlorobenzene	11 U	29,000 U	12 U	12 U	58 U	11 U	1,700
Ethylbenzene	11 U	29,000 U	12 U	12 U	58 U	11 U	5,500
Styrene	11 U	29,000 U	12 U	12 U	58 U	2 J	-
Xylene (total)	11 U	29,000 U	12 U	3 J	58 U	9 J	1,200
TICs (4)	103 JX	ND	39 J	148 JX	ND	ND	
Total VOCs (5)	879	**402,900**	50	416	582	177	10,000

Notes: (1) All results reported in micrograms per kilogram (ug/kg).
(2) Sample SW-8A is a blind duplicate os sample SW-8.
(3) NYSDEC Recommended Soil Cleanup Objectives (ref. TAGM HWR-94-4046).
(4) Tentatively identified compounds.
(5) Sum of all detected compounds including TICs.
"B" Analyte was detected in associated blank.
"D" Conpounds identified in a dilution analysis.
"DL" Dilution analysis.
"E" Concentration exceeded instrument calibration range.
"J" Indicates an estimated value.
"ND" None detected.
"U" Compound was analyzed for but not detected.
"X" Suspected carryover.

TABLE 2.4.2
April 16, 2009 Endpoint Sample TCL VOC Results (1)
Alert Fire Company Site
Great Neck, New York

Soil Boring Sample Depth Sample Date Lab Sample ID Parameter	B-1 5.5 ft. 4/16/2009 0903319-001A		NYSDEC RSCO (2)
Chloromethane	11	U	-
Bromomethane	11	U	-
Vinyl chloride	11	U	200
Chloroethane	11	U	1,900
Methylene chloride	11	U	100
Acetone	11	U	200
1,1-Dichloroethene	11	U	400
Carbon disulfide	11	U	2,700
1,1-Dichloroethane	11	U	200
1,2-Dichloroethene (total)	11	U	300
Chloroform	11	U	300
1,2-Dichloroethane	11	U	100
2-Butanone	11	U	300
1,1,1-Trichloroethane	11	U	800
Carbon tetrachloride	11	U	600
Bromodichloromethane	11	U	-
1,2-Dichloropropane	11	U	-
cis-1,3-Dichloropropene	11	U	300
Trichloroethene	11	U	700
Dibromochloromethane	11	U	-
1,1,2-Trichloroethane	11	U	-
Benzene	11	U	60
trans-1,3-Dichloropropene	11	U	-
Bromoform	11	U	-
4-Methyl-2-pentanone	11	U	1,000
2-Hexanone	11	U	-
Tetrachloroethene	2	J	1,400
1,1,2,2-Tetrachloroethane	11	U	600
Toluene	11	U	1,500
Chlorobenzene	11	U	1,700
Ethylbenzene	11	U	5,500
Styrene	11	UJ	-
Xylene (total)	11	U	1,200
TICs (3)	ND		
Total VOCs (4)	9		10,000

Notes: (1) All results reported in micrograms per kilogram (ug/kg).
(2) NYSDEC Recommended Soil Cleanup Objectives.
(3) Tentatively identified compounds.
(4) Sum of all detected compounds including TICs.
"B" Analyte was detected in associated blank.
"J" Indicates an estimated value.
"ND" None detected.
"U" Compound was analyzed for but not detected.

TABLE 2.5.3
Initial Endpoint Sample TCL SVOC Results (1)
Alert Fire Company Site
Great Neck, New York

Soil Boring	DW-1		DW-1A (2)		DW-2		PT-Base		PT-E. Wall		PT-N. Wall		PT-S. Wall		PT-W. Wall		NYSDEC
Sample Depth	9.5 ft.		9.5 ft.		10.0 ft.		4.5 ft.		2.25 ft.		2.25 ft.		2.25 ft.		2.25 ft.		RSCO (3)
Sample Date	1/21/2009		1/21/2009		1/21/2009		1/21/2009		1/21/2009		1/21/2009		1/21/2009		1/21/2009		
Lab Sample ID	0901622-001A		0901622-002A		0901622-003A		0901622-004A		0901622-005A		0901622-006A		0901622-007A		0901622-008A		
Parameter																	
Phenol	360	U	370	U	370	U	340	U	370	U	380	U	380	U	380	U	30
Bis(2-chloroethyl)ether	360	U	370	U	370	U	340	U	370	U	380	U	380	U	380	U	-
2-Chlorophenol	360	U	370	U	370	U	340	U	370	U	380	U	380	U	380	U	800
1,3-Dichlorobenzene	360	U	370	U	370	U	340	U	370	U	380	U	380	U	380	U	1,600
1,4-Dichlorobenzene	360	U	370	U	370	U	340	U	370	U	380	U	380	U	380	U	8,500
1,2-Dichlorobenzene	360	U	370	U	370	U	340	U	370	U	380	U	380	U	380	U	7,900
2-Methylphenol	360	U	370	U	370	U	340	U	370	U	380	U	380	U	380	U	100
2,2'-oxybis(1-chloropropane)	360	UJ	370	UJ	370	UJ	340	UJ	370	UJ	380	UJ	380	UJ	380	UJ	-
4-Methylphenol	360	U	370	U	370	U	340	U	370	U	380	U	380	U	380	U	900
N-Nitroso-di-n-propylamine	360	U	370	U	370	U	340	U	370	U	380	U	380	U	380	U	-
Hexachloroethane	360	U	370	U	370	U	340	U	370	U	380	U	380	U	380	U	-
Nitrobenzene	360	U	370	U	370	U	340	U	370	U	380	U	380	U	380	U	200
Isophorone	360	U	370	U	370	U	340	U	370	U	380	U	380	U	380	U	4,400
2-Nitrophenol	360	U	370	U	370	U	340	U	370	U	380	U	380	U	380	U	330
2,4-Dimethylphenol	360	U	370	U	370	U	340	U	370	U	380	U	380	U	380	U	-
Bis(2-chloroethoxy)methane	360	U	370	U	370	U	340	U	370	U	380	U	380	U	380	U	-
2,4-Dichlorophenol	360	U	370	U	370	U	340	U	370	U	380	U	380	U	380	U	400
1,2,4-Trichlorobenzene	360	U	370	U	370	U	340	U	370	U	380	U	380	U	380	U	3,400
Naphthalene	360	U	370	U	180	J	340	U	370	U	120	J	140	J	380	U	13,000
4-Chloroaniline	360	U	370	U	370	U	340	U	370	U	380	U	380	U	380	U	220
Hexachlorobutadiene	360	U	370	U	370	U	340	U	370	U	380	U	380	U	380	U	-
4-Chloro-3-methylphenol	360	U	370	U	370	U	340	U	370	U	380	U	380	U	380	U	240
2-Methylnaphthalene	360	U	370	U	160	J	340	U	370	U	83	J	97	J	380	U	36,400
Hexachlorocyclopentadiene	360	U	370	U	370	U	340	U	370	U	380	U	380	U	380	U	-
2,4,6-Trichlorophenol	360	U	370	U	370	U	340	U	370	U	380	U	380	U	380	U	-
2,4,5-Trichlorophenol	920	U	930	U	920	U	860	U	930	U	950	U	960	U	950	U	100
2-Chloronaphthalene	360	U	370	U	370	U	340	U	370	U	380	U	380	U	380	U	-
2-Nitroaniline	920	U	930	U	920	U	860	U	930	U	950	U	960	U	950	U	430
Dimethylphthalate	360	U	370	U	370	U	340	U	370	U	380	U	380	U	380	U	2,000
Acenaphthylene	360	U	370	U	370	U	340	U	370	U	380	U	380	U	380	U	41,000
2,6-Dinitotoluene	360	U	370	U	370	U	340	U	370	U	380	U	380	U	380	U	1,000
3-Nitroaniline	920	U	930	U	920	U	860	U	930	U	950	U	960	U	950	U	500
Acenaphthene	360	U	370	U	370	U	340	U	160	J	380	U	380	U	380	U	50,000
2,4-Dinitrophenol	920	U	930	U	920	U	860	U	930	U	950	U	960	U	950	U	200
4-Nitrophenol	920	U	930	U	920	U	860	U	930	U	950	U	960	U	950	U	100
Dibenzofuran	360	U	370	U	370	U	340	U	370	U	380	U	380	U	380	U	6,200
2,4-Dinitrotoluene	360	U	370	U	370	U	340	U	370	U	380	U	380	U	380	U	-
Diethylphthalate	360	U	370	U	370	U	340	U	370	U	380	U	380	U	380	U	7,100
4-Chlorophenyl-phenylether	360	U	370	U	370	U	340	U	370	U	380	U	380	U	380	U	-
Fluorene	360	U	370	U	370	U	340	U	130	J	380	U	380	U	380	U	50,000
4-Nitroaniline	920	U	930	U	920	U	860	U	930	U	950	U	960	U	950	U	-
4,6-Dinitro-2-methylphenol	920	U	930	U	920	U	860	U	930	U	950	U	960	U	950	U	-
N-Nitrosodiphenylamine	360	U	370	U	370	U	340	U	370	U	380	U	380	U	380	U	-
4-Bromophenyl-phenylether	360	U	370	U	370	U	340	U	370	U	380	U	380	U	380	U	-
Hexachlorobenzene	360	U	370	U	370	U	340	U	370	U	380	U	380	U	380	U	410
Pentachlorophenol	920	U	930	U	920	U	860	U	930	U	950	U	960	U	950	U	1,000
Phenanthrene	220	J	120	J	120	J	340	U	1,300		380	U	120	J	380	U	50,000
Anthracene	360	U	370	U	370	U	340	U	320	J	380	U	380	U	380	U	50,000
Carbazole	360	U	370	U	370	U	340	U	250	J	380	U	380	U	380	U	-
Di-n-butyl phthalate	360	U	370	U	370	U	340	U	370	U	380	U	380	U	380	U	8,100
Fluoranthene	380		270	J	90	J	340	U	2,600		380	U	380	U	380	U	50,000
Pyrene	310	J	280	J	120	J	340	U	2,400		380	U	380	U	83	J	50,000
Butyl benzyl phthalate	360	U	370	U	370	U	340	U	370	U	380	U	380	U	380	U	50,000
3,3'-Dichlorobenzidine	360	U	370	U	370	U	340	U	370	U	380	U	380	U	380	U	-
Benzo(a)anthracene	150	J	130	J	79	J	340	U	**1,300**		380	U	380	U	380	U	224
Chrysene	180	J	170	J	370	U	340	U	**1,500**		380	U	380	U	380	U	400
Bis(2-ethylhexyl)phthalate	360	U	370	U	370	U	340	U	370	U	380	U	380	U	380	U	50,000
Di-n-octyl phthalate	360	U	140	J	370	U	340	U	370	UJ	380	U	380	U	380	UJ	50,000
Benzo(b)fluoranthene	200	J	170	J	370	U	340	U	**2,000**		380	U	380	U	380	UJ	1,100
Benzo(k)fluoranthene	130	J	370	UJ	370	U	340	U	700	J	380	U	380	U	380	UJ	1,100
Benzo(a)pyrene	130	J	110	J	370	U	340	U	**1,300**	J	380	U	380	U	380	UJ	61
Indeno(1,2,3-cd)pyrene	360	U	370	UJ	370	U	340	U	550	J	380	U	380	U	380	UJ	3,200
Dibenzo(a,h)anthracene	360	U	370	UJ	370	U	340	U	120	J	380	U	380	U	380	UJ	14
Benzo(g,h,i)perylene	360	U	370	UJ	370	U	340	U	440	J	380	U	380	U	380	UJ	50,000
TICs (4)	28,360	BJNA	31,610	BJNA	24,240	BJNA	126,170	BJNA	12,360	BJNA	7,950	BJNA	6,480	BJNA	29,510	BJNA	-
Total SVCOS (5)	29,931		33,245		25,160		126,290		27,767		8,229		6,920		29,673		500,000

Notes: (1) All results reported in micrograms per kilogram (ug/kg).
(2) Sample DW-1A is a blind duplicate of sample DW-1.
(3) NYSDEC Recommended Soil Cleanup Objectives.
(4) Tentatively identified compounds.
(5) Sum of all detected compounds including TICs.

"A" TIC is a suspected aldol-condensation product.
"B" Analyte was detected in associated blank.
"J" Estimated value.
"N" Indicates presumptive evidence of a compound.
"U" Compound analyzed for but not detected.

TABLE 2.6.1
March 10, 2009 Endpoint Sample TCL SVOC Results (1)
Alert Fire Company Site
Great Neck, New York

Soil Boring Sample Depth Sample Date Lab Sample ID Parameter	PT-E, Wall 2.0 ft. 3/10/2009 0903319-002B		NYSDEC RSCO (2)	NYSDEC UUSCO (3)	NYSDEC Protection of Groundwater (4)
Phenol	380	U	30	330	330
Bis(2-chloroethyl)ether	380	U	-	-	-
2-Chlorophenol	380	U	800	-	-
1,3-Dichlorobenzene	380	U	1,600	-	-
1,4-Dichlorobenzene	380	U	8,500	-	-
1,2-Dichlorobenzene	380	U	7,900	-	-
2-Methylphenol	380	U	100	-	-
2,2'-oxybis(1-chloropropane)	380	U	-	-	-
4-Methylphenol	380	U	900	-	-
N-Nitroso-di-n-propylamine	380	U	-	-	-
Hexachloroethane	380	U	-	-	-
Nitrobenzene	380	U	200	-	-
Isophorone	380	U	4,400	-	-
2-Nitrophenol	380	U	330	-	-
2,4-Dimethylphenol	380	U	-	-	-
Bis(2-chloroethoxy)methane	380	U	-	-	-
2,4-Dichlorophenol	380	U	400	-	-
1,2,4-Trichlorobenzene	380	U	3,400	-	-
Naphthalene	380	U	13,000	12,000	12,000
4-Chloroaniline	380	U	220	-	-
Hexachlorobutadiene	380	U	-	-	-
4-Chloro-3-methylphenol	380	U	240	-	-
2-Methylnaphthalene	380	U	36,400	-	-
Hexachlorocyclopentadiene	380	U	-	-	-
2,4,6-Trichlorophenol	380	U	-	-	-
2,4,5-Trichlorophenol	960	U	100	-	-
2-Chloronaphthalene	380	U	-	-	-
2-Nitroaniline	960	U	430	-	-
Dimethylphthalate	380	U	2,000	-	-
Acenaphthylene	380	U	41,000	100,000	107,000
2,6-Dinitotoluene	380	U	1,000	-	-
3-Nitroaniline	960	U	500	-	-
Acenaphthene	120	J	50,000	20,000	98,000
2,4-Dinitrophenol	960	UJ	200	-	-
4-Nitrophenol	960	UJ	100	-	-
Dibenzofuran	380	U	6,200	-	-
2,4-Dinitrotoluene	380	U	-	-	-
Diethylphthalate	380	U	7,100	-	-
4-Chlorophenyl-phenylether	380	U	-	-	-
Fluorene	380	U	50,000	30,000	386,000
4-Nitroaniline	960	U	-	-	-
4,6-Dinitro-2-methylphenol	960	UJ	-	-	-
N-Nitrosodiphenylamine	380	U	-	-	-
4-Bromophenyl-phenylether	380	U	-	-	-
Hexachlorobenzene	380	U	410	-	-
Pentachlorophenol	960	U	1,000	800	800
Phenanthrene	1,100		50,000	100,000	1,000,000
Anthracene	140	J	50,000	100,000	1,000,000
Carbazole	150	J	-	-	-
Di-n-butyl phthalate	380	U	8,100	-	-
Fluoranthene	2,300		50,000	100,000	1,000,000
Pyrene	2,000	J	50,000	100,000	1,000,000
Butyl benzyl phthalate	380	U	50,000	-	-
3,3'-Dichlorobenzidine	380	U	-	-	-
Benzo(a)anthracene	**990**		224	1,000	1,000
Chrysene	**1,100**		400	1,000	1,000
Bis(2-ethylhexyl)phthalate	110	J	50,000	-	-
Di-n-octyl phthalate	380	U	50,000	-	
Benzo(b)fluoranthene	**1,200**		1,100	1,000	1,700
Benzo(k)fluoranthene	470		1,100	800	1,700
Benzo(a)pyrene	**820**		61	1,000	22,000
Indeno(1,2,3-cd)pyrene	300	J	3,200	500	8,200
Dibenzo(a,h)anthracene	90	J	14	330	1,000,000
Benzo(g,h,i)perylene	240	J	50,000	100,000	1,000,000
TICs (4)	9,550	AJN	-	-	-
Total SVCOS (5)	20,680		500,000	-	-

Notes: (1) All results reported in micrograms per kilogram (ug/kg).
(2) NYSDEC Recommended Soil Cleanup Objectives.
(3) NYSDEC Part 375-6.8(a) Unrestricted Use Soil Cleanup Objectives.
(4) NYSDEC Part 375-6.8(b) Protection of Groundwater Soil Cleanup Objectives.
"U" Compound analyzed for but not detected.
"A" TIC is a suspected aldol-condensation product.
"J" Estimated value.
"N" Indicates presumptive evidence of a compound.

TABLE 2.7.1
QA/QC Samples TCL VOC Results (1)
Alert Fire Company Site
Great Neck, New York

Sample Type	Field Blank	Trip Blank	Field Blank	Trip Blank	Field Blank	Trip Blank	Trip Blank	Field Blank
Sample Date	1/13/2009	1/13/2009	1/14/2009	1/14/2009	3/10/2009	3/10/2009	4/16/2009	4/16/2009
Lab Sample ID	0901374-005A	0901374-013A	0901374-001A	0901374-010A	0903319-006A	093319-007A	0904705-003A	0904705-002A
Parameter								
Chloromethane	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U
Bromomethane	10 UJ	10 UJ	10 UJ	10 UJ	10 U	10 UJ	10 U	10 U
Vinyl chloride	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U
Chloroethane	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U
Methylene chloride	10 U	10 U	10 U	10 U	10 U	10 UJ	2 J	10 U
Acetone	1 BJ	1 BJ	1 BJ	1 BJ	10 U	10 UJ	2 J	10 UJ
1,1-Dichloroethene	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U
Carbon disulfide	10 U	10 U	10 U	10 U	10 U	1 J	10 UJ	10 UJ
1,1-Dichloroethane	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U
1,2-Dichloroethene (total)	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U
Chloroform	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U
1,2-Dichloroethane	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U
2-Butanone	10 U	10 U	10 U	10 U	10 U	10 UJ	10 UJ	10 UJ
1,1,1-Trichloroethane	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U
Carbon tetrachloride	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U
Bromodichloromethane	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U
1,2-Dichloropropane	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U
cis-1,3-Dichloropropene	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U
Trichloroethene	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U
Dibromochloromethane	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U
1,1,2-Trichloroethane	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U
Benzene	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U
trans-1,3-Dichloropropene	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U
Bromoform	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U
4-Methyl-2-pentanone	10 U	10 U	10 U	10 U	10 U	10 UJ	10 UJ	10 UJ
2-Hexanone	10 U	10 U	10 U	10 U	10 U	10 UJ	10 UJ	10 UJ
Tetrachloroethene	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U
1,1,2,2-Tetrachloroethane	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	10 UJ
Toluene	10 U	10 U	10 U	10 U	10 U	10 UJ	10 UJ	10 U
Chlorobenzene	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U
Ethylbenzene	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U
Styrene	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U
Xylene (total)	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U
TICs (2)	ND	ND	ND	ND	ND	ND	ND	ND
Total VOCs (3)	1	1	1	1	ND	1	4	ND

Notes: (1) All results reported in micrograms per liter (ug/l).
(2) Tentatively identified compounds.
(3) Sum of all detected compounds including TICs.
"B" Analyte was detected in associated blank.
"J" Indicates an estimated value.
"ND" None detected.
"U" Compound was analyzed for but not detected.

TABLE 2.7.2
QA/QC Samples TCL SVOC Results (1)
Alert Fire Company Site
Great Neck, New York

Sample Type	Field Blank		Field Blank	
Sample Date	1/21/2009		3/10/2009	
Lab Sample ID	0901622-009A		0903319-006B	
Parameter				
Phenol	10	U	10	U
Bis(2-chloroethyl)ether	10	U	10	U
2-Chlorophenol	10	U	10	U
1,3-Dichlorobenzene	10	U	10	U
1,4-Dichlorobenzene	10	U	10	U
1,2-Dichlorobenzene	10	U	10	U
2-Methylphenol	10	U	10	U
2,2'-oxybis(1-chloropropane)	10	U	10	U
4-Methylphenol	10	U	10	U
N-Nitroso-di-n-propylamine	10	U	10	U
Hexachloroethane	10	U	10	U
Nitrobenzene	10	U	10	U
Isophorone	10	U	10	U
2-Nitrophenol	10	U	10	U
2,4-Dimethylphenol	10	U	10	U
Bis(2-chloroethoxy)methane	10	U	10	U
2,4-Dichlorophenol	10	U	10	U
1,2,4-Trichlorobenzene	10	U	10	U
Naphthalene	10	U	10	U
4-Chloroaniline	10	U	10	U
Hexachlorobutadiene	10	U	10	U
4-Chloro-3-methylphenol	10	U	10	U
2-Methylnaphthalene	10	U	10	U
Hexachlorocyclopentadiene	10	U	10	U
2,4,6-Trichlorophenol	10	U	10	U
2,4,5-Trichlorophenol	25	U	25	U
2-Chloronaphthalene	10	U	10	U
2-Nitroaniline	25	U	25	U
Dimethylphthalate	10	U	10	U
Acenaphthylene	10	U	10	U
2,6-Dinitotoluene	10	U	10	U
3-Nitroaniline	25	U	25	U
Acenaphthene	10	U	10	U
2,4-Dinitrophenol	25	U	25	U
4-Nitrophenol	25	U	25	U
Dibenzofuran	10	U	10	U
2,4-Dinitrotoluene	10	U	10	U
Diethylphthalate	10	U	10	U
4-Chlorophenyl-phenylether	10	U	10	U
Fluorene	10	U	10	U
4-Nitroaniline	25	U	25	U
4,6-Dinitro-2-methylphenol	25	U	25	U
N-Nitrosodiphenylamine	10	U	10	U
4-Bromophenyl-phenylether	10	U	10	U
Hexachlorobenzene	10	U	10	U
Pentachlorophenol	25	U	25	U
Phenanthrene	10	U	10	U
Anthracene	10	U	10	U
Carbazole	10	U	10	U
Di-n-butyl phthalate	10	U	10	U
Fluoranthene	10	U	10	U
Pyrene	10	U	10	U
Butyl benzyl phthalate	10	U	10	U
3,3'-Dichlorobenzidine	10	U	10	U
Benzo(a)anthracene	10	U	10	U
Chrysene	10	U	10	U
Bis(2-ethylhexyl)phthalate	10	U	10	U
Di-n-octyl phthalate	10	U	10	U
Benzo(b)fluoranthene	10	U	10	U
Benzo(k)fluoranthene	10	U	10	U
Benzo(a)pyrene	10	U	10	U
Indeno(1,2,3-cd)pyrene	10	U	10	U
Dibenzo(a,h)anthracene	10	U	10	U
Benzo(g,h,i)perylene	10	U	10	U
TICs (2)	ND		ND	
Total SVCOS (3)	ND		ND	

Notes: (1) All results reported in micrograms per liter (ug/l).
(2) Tentatively identified compounds.
(3) Sum of all detected compounds including TICs.
"U" Compound analyzed for but not detected.
"ND" None Detected.

TABLE 2.7.3 (1 of 3)
Air Monitoring Data
Alert Fire Company Site
Great Neck, New York

	1/13/2009 10:00 Start						1/14/2009 14:30 Start					
	TSI DustTRAK			MiniRAE PID			TSI DustTRAK			MiniRAE PID		
Elapsed Time	Upwind	Downwind	Δ	Upwind	Downwind	Δ	Upwind	Downwind	Δ	Upwind	Downwind	Δ
Background	0.044	0.050	0.006	0.0	0.0	0.0	0.090	0.054	-0.036	0.0	0.0	0.0
0:00	0.043	0.047	0.004	0.0	0.0	0.0	0.011	0.016	0.005	0.0	0.0	0.0
0:15	0.050	0.046	-0.004	0.0	0.0	0.0	0.090	0.029	-0.061	0.0	0.0	0.0
0:30	0.042	0.058	0.016	0.0	0.0	0.0	0.008	0.013	0.005	0.0	0.0	0.0
0:45	0.043	0.063	0.020	0.0	0.0	0.0	NA	NA	NA	NA	NA	NA
1:00	0.044	0.061	0.017	0.0	0.0	0.0	NA	NA	NA	NA	NA	NA
1:15	0.051	0.059	0.008	0.0	0.0	0.0	NA	NA	NA	NA	NA	NA
1:30	0.058	0.058	0.000	0.0	0.0	0.0	NA	NA	NA	NA	NA	NA
1:45	0.050	0.054	0.004	0.0	0.0	0.0	NA	NA	NA	NA	NA	NA
2:00	0.049	0.034	-0.015	0.0	0.0	0.0	NA	NA	NA	NA	NA	NA
2:15	0.037	0.029	-0.008	0.0	0.0	0.0	NA	NA	NA	NA	NA	NA
2:30	0.026	0.028	0.002	0.0	0.0	0.0	NA	NA	NA	NA	NA	NA
2:45	0.027	0.029	0.002	0.0	0.0	0.0	NA	NA	NA	NA	NA	NA
3:00	0.024	0.027	0.003	0.0	0.0	0.0	NA	NA	NA	NA	NA	NA
3:15	0.029	0.028	-0.001	0.0	0.0	0.0	NA	NA	NA	NA	NA	NA
3:30	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3:45	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4:15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes: "NA" Not applicable, no excavation activities taking place.
DustTRAK data presented in mg/m3.
MiniRAE PID data presented in ppm.

TABLE 2.7.3 (2 of 3)
Air Monitoring Data
Alert Fire Company Site
Great Neck, New York

	1/21/2009 8:30 Start						3/10/2009 7:00 Start					
	TSI DustTRAK			MiniRAE PID			TSI DustTRAK			MiniRAE PID		
Elapsed Time	Upwind	Downwind	Δ	Upwind	Downwind	Δ	Upwind	Downwind	Δ	Upwind	Downwind	Δ
Background	0.071	0.085	0.014	0.0	0.0	0.0	0.014	0.018	0.004	0.0	0.0	0.0
0:00	0.054	0.022	-0.032	0.0	0.0	0.0	-0.029	0.016	0.045	0.0	0.0	0.0
0:15	0.054	0.018	-0.036	0.0	0.0	0.0	-0.045	0.017	0.062	0.0	0.0	0.0
0:30	0.021	0.018	-0.003	0.0	0.0	0.0	-0.040	0.011	0.015	0.0	0.0	0.0
0:45	0.020	0.021	0.001	0.0	0.0	0.0	-0.049	0.013	0.032	0.0	0.0	0.0
1:00	0.022	0.016	-0.005	0.0	0.0	0.0	-0.043	0.022	0.065	0.0	0.0	0.0
1:15	0.023	0.018	-0.005	0.0	0.0	0.0	-0.042	0.009	0.051	0.0	0.0	0.0
1:30	0.022	0.015	-0.007	0.0	0.0	0.0	-0.034	0.009	0.043	0.0	0.0	0.0
1:45	0.021	0.021	0.000	0.0	0.0	0.0	-0.042	0.009	0.051	0.0	0.0	0.0
2:00	0.028	0.039	0.011	0.0	0.0	0.0	-0.039	0.010	0.040	0.0	0.0	0.0
2:15	0.031	0.018	-0.013	0.0	0.0	0.0	-0.042	0.010	0.043	0.0	0.0	0.0
2:30	0.034	0.013	-0.021	0.0	0.0	0.0	NA	NA	NA	NA	NA	NA
2:45	0.033	0.014	-0.017	0.0	0.0	0.0	NA	NA	NA	NA	NA	NA
3:00	0.034	0.016	-0.018	0.0	0.0	0.0	NA	NA	NA	NA	NA	NA
3:15	0.036	0.014	-0.022	0.0	0.0	0.0	NA	NA	NA	NA	NA	NA
3:30	0.026	0.015	-0.011	0.0	0.0	0.0	NA	NA	NA	NA	NA	NA
3:45	0.028	0.018	-0.010	0.0	0.0	0.0	NA	NA	NA	NA	NA	NA
4:00	0.023	0.021	-0.002	0.0	0.0	0.0	NA	NA	NA	NA	NA	NA
4:15	0.022	0.020	-0.002	0.0	0.0	0.0	NA	NA	NA	NA	NA	NA

Notes: "NA" Not applicable, no excavation activities taking place.
DustTRAK data presented in mg/m3.
MiniRAE PID data presented in ppm.

TABLE 2.7.3 (3 of 3)
Air Monitoring Data
Alert Fire Company Site
Great Neck, New York

	4/16/2009 6:45 Start					
	TSI DustTRAK			MiniRAE PID		
Elapsed Time	Upwind	Downwind	Δ	Upwind	Downwind	Δ
Background	0.022	0.016	-0.006	0.0	0.0	0.0
0:00	0.027	0.014	-0.013	0.0	0.0	0.0
0:15	0.019	0.030	0.011	0.0	0.0	0.0
0:30	0.007	0.060	0.053	0.0	0.0	0.0
0:45	0.009	0.050	0.041	0.0	0.0	0.0
1:00	0.007	0.050	0.043	0.0	0.0	0.0
1:15	0.012	0.040	0.028	0.0	0.0	0.0
1:30	NA	NA	NA	NA	NA	NA
1:45	NA	NA	NA	NA	NA	NA
2:00	NA	NA	NA	NA	NA	NA
2:15	NA	NA	NA	NA	NA	NA
2:30	NA	NA	NA	NA	NA	NA
2:45	NA	NA	NA	NA	NA	NA
3:00	NA	NA	NA	NA	NA	NA
3:15	NA	NA	NA	NA	NA	NA
3:30	NA	NA	NA	NA	NA	NA
3:45	NA	NA	NA	NA	NA	NA
4:00	NA	NA	NA	NA	NA	NA
4:15	NA	NA	NA	NA	NA	NA

Notes: "NA" Not applicable, no excavation activities taking place.
DustTRAK data presented in mg/m3.
MiniRAE PID data presented in ppm.

APPENDICES

APPENDIX A
1/13/09 and 1/14/09 Endpoint Sample TCL VOCs Lab Reports

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

SW-1

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC023

Matrix: (soil/water) SOIL Lab Sample ID: 0901344-001A

Sample wt/vol: 5 (g/mL) G Lab File ID: V\F39739.D

Level: (low/med) LOW Date Received: 01/13/09

% Moisture: not dec. 7.8 Date Analyzed: 01/14/09

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 10.00

Soil Extract Volume: _____ (µL) Soil Aliquot Volume _____ (µL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG	Q
74-87-3	Chloromethane	110	U
74-83-9	Bromomethane	110	U
75-01-4	Vinyl chloride	110	U
75-00-3	Chloroethane	110	U
75-09-2	Methylene chloride	39	BJ
67-64-1	Acetone	110	U
75-35-4	1,1-Dichloroethene	110	U
75-15-0	Carbon disulfide	110	U
75-34-3	1,1-Dichloroethane	110	U
540-59-0	1,2-Dichloroethene (total)	110	U
67-66-3	Chloroform	110	U
107-06-2	1,2-Dichloroethane	110	U
78-93-3	2-Butanone	110	U
71-55-6	1,1,1-Trichloroethane	110	U
56-23-5	Carbon tetrachloride	110	U
75-27-4	Bromodichloromethane	110	U
78-87-5	1,2-Dichloropropane	110	U
10061-01-5	cis-1,3-Dichloropropene	110	U
79-01-6	Trichloroethene	110	U
124-48-1	Dibromochloromethane	110	U
79-00-5	1,1,2-Trichloroethane	110	U
71-43-2	Benzene	110	U
10061-02-6	trans-1,3-Dichloropropene	110	U
75-25-2	Bromoform	110	U
108-10-1	4-Methyl-2-pentanone	110	U
591-78-6	2-Hexanone	110	U
127-18-4	Tetrachloroethene	400	B
79-34-5	1,1,2,2-Tetrachloroethane	110	U
108-88-3	Toluene	110	U
108-90-7	Chlorobenzene	110	U
100-41-4	Ethylbenzene	110	U
100-42-5	Styrene	110	U
1330-20-7	Xylene (total)	110	U

AFC023 S25

1F

EPA SAMPLE NO.

SW-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC023

Matrix: (soil/water) SOIL Lab Sample ID: 0901344-001A

Sample wt/vol: 5 (g/mL) G Lab File ID: V\F39739.D

Level: (low/med) LOW Date Received: 01/13/09

% Moisture: not dec. 7.8 Date Analyzed: 01/14/09

~~GC~~ Column: DB-624 ID: 0.18 (mm) Dilution Factor: 10.00

Soil Extract Volume: (µl) Soil Aliquot Volume: 0 (µL)

CONCENTRATION UNITS:

Number TICs found: 1 (µg/L or µg/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q
1.	unknown siloxane	10.57	140	JX

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-1

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC023

Matrix: (soil/water) SOIL Lab Sample ID: 0901374-001A

Sample wt/vol: 5 (g/mL) G Lab File ID: V\F39723.D

Level: (low/med) LOW Date Received: 01/13/09

% Moisture: not dec. 10.1 Date Analyzed: 01/14/09

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 5.00

Soil Extract Volume: _____ (µL) Soil Aliquot Volume _____ (µL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG	Q
74-87-3	Chloromethane	56	U
74-83-9	Bromomethane	56	U
75-01-4	Vinyl chloride	56	U
75-00-3	Chloroethane	56	U
75-09-2	Methylene chloride	20	BJ
67-64-1	Acetone	21	J
75-35-4	1,1-Dichloroethene	56	U
75-15-0	Carbon disulfide	56	U
75-34-3	1,1-Dichloroethane	56	U
540-59-0	1,2-Dichloroethene (total)	56	U
67-66-3	Chloroform	56	U
107-06-2	1,2-Dichloroethane	56	U
78-93-3	2-Butanone	56	U
71-55-6	1,1,1-Trichloroethane	56	U
56-23-5	Carbon tetrachloride	56	U
75-27-4	Bromodichloromethane	56	U
78-87-5	1,2-Dichloropropane	56	U
10061-01-5	cis-1,3-Dichloropropene	56	U
79-01-6	Trichloroethene	110	
124-48-1	Dibromochloromethane	56	U
79-00-5	1,1,2-Trichloroethane	56	U
71-43-2	Benzene	56	U
10061-02-6	trans-1,3-Dichloropropene	56	U
75-25-2	Bromoform	56	U
108-10-1	4-Methyl-2-pentanone	56	U
591-78-6	2-Hexanone	56	U
127-18-4	Tetrachloroethene	110000	E
79-34-5	1,1,2,2-Tetrachloroethane	56	U
108-88-3	Toluene	56	U
108-90-7	Chlorobenzene	38	J
100-41-4	Ethylbenzene	14	J
100-42-5	Styrene	56	U
1330-20-7	Xylene (total)	39	J

AFC023 S27

1F

EPA SAMPLE NO.

B-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC023

Matrix: (soil/water) SOIL Lab Sample ID: 0901374-001A

Sample wt/vol: 5 (g/mL) G Lab File ID: V\F39723.D

Level: (low/med) LOW Date Received: 01/13/09

% Moisture: not dec. 10.1 Date Analyzed: 01/14/09

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 5.00

Soil Extract Volume: (µl) Soil Aliquot Volume: 0 (µL)

Number TICs found: ~~10~~ 2

CONCENTRATION UNITS:

(µg/L or µg/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q
1. 000124-18-5	Decane	8.97	1900	JN
2.	C3 Substituted benzene	9.30	1400	J
3.	(DEL) Alkane: Branched (9.52)	9.52	1800	J
4.	(DEL) Alkane: Branched (9.76)	9.76	1100	J
5.	(DEL) Alkane: Branched (9.79)	9.79	1200	J
6.	(DEL) Alkane: Branched (9.98)	9.98	860	J
7.	(DEL) Alkane: Straight-Chain (10.13)	10.13	1400	J
8.	C4 Substituted benzene	10.80	570	J
9.	(DEL) Alkane: Branched (10.92)	10.92	750	J
10.	(DEL) Alkane: Straight-Chain (11.21)	11.21	680	J

AFC023 S28

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-1DL

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC023

Matrix: (soil/water) SOIL Lab Sample ID: 0901374-001A

Sample wt/vol: 4 (g/mL) G Lab File ID: A\A63154.D

Level: (low/med) MED Date Received: 01/13/09

% Moisture: not dec. 10.1 Date Analyzed: 01/23/09

GC Column: ZB-624 ID: .18 (mm) Dilution Factor: 100.00

Soil Extract Volume: 10000 (µL) Soil Aliquot Volume 100 (µL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG	Q
74-87-3	Chloromethane	140000	U
74-83-9	Bromomethane	140000	U
75-01-4	Vinyl chloride	140000	U
75-00-3	Chloroethane	140000	U
75-09-2	Methylene chloride	140000	U
67-64-1	Acetone	140000	U
75-35-4	1,1-Dichloroethene	140000	U
75-15-0	Carbon disulfide	140000	U
75-34-3	1,1-Dichloroethane	140000	U
540-59-0	1,2-Dichloroethene (total)	140000	U
67-66-3	Chloroform	140000	U
107-06-2	1,2-Dichloroethane	140000	U
78-93-3	2-Butanone	140000	U
71-55-6	1,1,1-Trichloroethane	140000	U
56-23-5	Carbon tetrachloride	140000	U
75-27-4	Bromodichloromethane	140000	U
78-87-5	1,2-Dichloropropane	140000	U
10061-01-5	cis-1,3-Dichloropropene	140000	U
79-01-6	Trichloroethene	140000	U
124-48-1	Dibromochloromethane	140000	U
79-00-5	1,1,2-Trichloroethane	140000	U
71-43-2	Benzene	140000	U
10061-02-6	trans-1,3-Dichloropropene	140000	U
75-25-2	Bromoform	140000	U
108-10-1	4-Methyl-2-pentanone	140000	U
591-78-6	2-Hexanone	140000	U
127-18-4	Tetrachloroethene	1200000	D
79-34-5	1,1,2,2-Tetrachloroethane	140000	U
108-88-3	Toluene	140000	U
108-90-7	Chlorobenzene	140000	U
100-41-4	Ethylbenzene	140000	U
100-42-5	Styrene	140000	U
1330-20-7	Xylene (total)	140000	U

AFC023 S29

1F

EPA SAMPLE NO.

B-1DL

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC023

Matrix: (soil/water) SOIL Lab Sample ID: 0901374-001A

Sample wt/vol: 4 (g/mL) G Lab File ID: A\A63154.D

Level: (low/med) MED Date Received: 01/13/09

% Moisture: not dec. 10.1 Date Analyzed: 01/23/09

GC Column: ZB-624 ID: .18 (mm) Dilution Factor: 100.00

Soil Extract Volume: 10000 (µl) Soil Aliquot Volume: 100 (µL)

CONCENTRATION UNITS:

Number TICs found: 0 (µg/L or µg/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q

AFC023 S30

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-2

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC023

Matrix: (soil/water) SOIL Lab Sample ID: 0901374-002A

Sample wt/vol: 5 (g/mL) G Lab File ID: V\F39909.D

Level: (low/med) LOW Date Received: 01/13/09

% Moisture: not dec. 9.1 Date Analyzed: 01/22/09

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (µL) Soil Aliquot Volume _____ (µL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG	Q
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene chloride	3	BJ
67-64-1	Acetone	11	U
75-35-4	1,1-Dichloroethene	11	U
75-15-0	Carbon disulfide	11	U
75-34-3	1,1-Dichloroethane	11	U
540-59-0	1,2-Dichloroethene (total)	11	U
67-66-3	Chloroform	11	U
107-06-2	1,2-Dichloroethane	11	U
78-93-3	2-Butanone	11	U
71-55-6	1,1,1-Trichloroethane	11	U
56-23-5	Carbon tetrachloride	11	U
75-27-4	Bromodichloromethane	11	U
78-87-5	1,2-Dichloropropane	11	U
10061-01-5	cis-1,3-Dichloropropene	11	U
79-01-6	Trichloroethene	11	U
124-48-1	Dibromochloromethane	11	U
79-00-5	1,1,2-Trichloroethane	11	U
71-43-2	Benzene	11	U
10061-02-6	trans-1,3-Dichloropropene	11	U
75-25-2	Bromoform	11	U
108-10-1	4-Methyl-2-pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	56	
79-34-5	1,1,2,2-Tetrachloroethane	11	U
108-88-3	Toluene	11	U
108-90-7	Chlorobenzene	11	U
100-41-4	Ethylbenzene	11	U
100-42-5	Styrene	11	U
1330-20-7	Xylene (total)	11	U

AFC023 S31

1F

EPA SAMPLE NO.

B-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC023

Matrix: (soil/water) SOIL Lab Sample ID: 0901374-002A

Sample wt/vol: 5 (g/mL) G Lab File ID: V\F39909.D

Level: (low/med) LOW Date Received: 01/13/09

% Moisture: not dec. 9.1 Date Analyzed: 01/22/09

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: (µl) Soil Aliquot Volume: 0 (µL)

Number TICs found: ~~20~~ 1 CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q
1.	(DEL) Alkane: Branched (8.95)	8.95	62	J
2.	(DEL) Alkane: Branched (9.28)	9.28	85	J
3.	(DEL) Alkane: Branched (9.5)	9.50	140	J
4.	(DEL) Alkane: Branched (9.74)	9.74	130	J
5.	(DEL) Alkane: Branched (9.78)	9.78	150	J
6.	(DEL) Alkane: Branched (9.97)	9.97	110	J
7.	(DEL) Alkane: Straight-Chain (10.12)	10.12	120	J
8.	C4 Substituted benzene	10.80	66	J
9.	(DEL) Alkane: Branched (10.92)	10.92	99	J
10.	(DEL) Alkane: Straight-Chain (11.21)	11.21	85	J

AFC023 S32

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

B-3

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC023

Matrix: (soil/water) SOIL Lab Sample ID: 0901374-003A

Sample wt/vol: 5 (g/mL) G Lab File ID: V\F39908.D

Level: (low/med) LOW Date Received: 01/13/09

% Moisture: not dec. 8.4 Date Analyzed: 01/22/09

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (µL) Soil Aliquot Volume _____ (µL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG	Q
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene chloride	3	BJ
67-64-1	Acetone	11	U
75-35-4	1,1-Dichloroethene	11	U
75-15-0	Carbon disulfide	11	U
75-34-3	1,1-Dichloroethane	11	U
540-59-0	1,2-Dichloroethene (total)	11	U
67-66-3	Chloroform	11	U
107-06-2	1,2-Dichloroethane	11	U
78-93-3	2-Butanone	11	U
71-55-6	1,1,1-Trichloroethane	11	U
56-23-5	Carbon tetrachloride	11	U
75-27-4	Bromodichloromethane	11	U
78-87-5	1,2-Dichloropropane	11	U
10061-01-5	cis-1,3-Dichloropropene	11	U
79-01-6	Trichloroethene	11	U
124-48-1	Dibromochloromethane	11	U
79-00-5	1,1,2-Trichloroethane	11	U
71-43-2	Benzene	11	U
10061-02-6	trans-1,3-Dichloropropene	11	U
75-25-2	Bromoform	11	U
108-10-1	4-Methyl-2-pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	3	J
79-34-5	1,1,2,2-Tetrachloroethane	11	U
108-88-3	Toluene	11	U
108-90-7	Chlorobenzene	11	U
100-41-4	Ethylbenzene	11	U
100-42-5	Styrene	11	U
1330-20-7	Xylene (total)	11	U

AFC023 S33

1F

EPA SAMPLE NO.

B-3

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC023

Matrix: (soil/water) SOIL Lab Sample ID: 0901374-003A

Sample wt/vol: 5 (g/mL) G Lab File ID: V\F39908.D

Level: (low/med) LOW Date Received: 01/13/09

% Moisture: not dec. 8.4 Date Analyzed: 01/22/09

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: (µl) Soil Aliquot Volume: 0 (µL)

Number TICs found: ~~10~~ 6 CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q
1.	(DEL) Alkane: Branched (8.95)	8.95	55	J
2.	(DEL) Alkane: Branched (9.24)	9.24	33	J
3.	(DEL) Alkane: Branched (9.28)	9.28	72	J
4.	(DEL) Alkane: Branched (9.4)	9.40	33	J
5.	(DEL) Alkane: Branched (9.51)	9.51	120	J
6.	(DEL) Alkane: Branched (9.74)	9.74	91	J
7.	(DEL) Alkane: Branched (9.77)	9.77	81	J
8.	(DEL) Alkane: Branched (9.96)	9.96	47	J
9.	(DEL) Alkane: Branched (10.13)	10.13	35	J
10.	(DEL) Alkane: Branched (10.92)	10.92	51	J

AFC023 S34

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-4

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC023

Matrix: (soil/water) SOIL Lab Sample ID: 0901374-004A

Sample wt/vol: 5 (g/mL) G Lab File ID: V\F39907.D

Level: (low/med) LOW Date Received: 01/13/09

% Moisture: not dec. 12.6 Date Analyzed: 01/22/09

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (µL) Soil Aliquot Volume _____ (µL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG	Q
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene chloride	3	BJ
67-64-1	Acetone	11	U
75-35-4	1,1-Dichloroethene	11	U
75-15-0	Carbon disulfide	11	U
75-34-3	1,1-Dichloroethane	11	U
540-59-0	1,2-Dichloroethene (total)	11	U
67-66-3	Chloroform	11	U
107-06-2	1,2-Dichloroethane	11	U
78-93-3	2-Butanone	11	U
71-55-6	1,1,1-Trichloroethane	11	U
56-23-5	Carbon tetrachloride	11	U
75-27-4	Bromodichloromethane	11	U
78-87-5	1,2-Dichloropropane	11	U
10061-01-5	cis-1,3-Dichloropropene	11	U
79-01-6	Trichloroethene	11	U
124-48-1	Dibromochloromethane	11	U
79-00-5	1,1,2-Trichloroethane	11	U
71-43-2	Benzene	11	U
10061-02-6	trans-1,3-Dichloropropene	11	U
75-25-2	Bromoform	11	U
108-10-1	4-Methyl-2-pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	4	J
79-34-5	1,1,2,2-Tetrachloroethane	11	U
108-88-3	Toluene	11	U
108-90-7	Chlorobenzene	11	U
100-41-4	Ethylbenzene	11	U
100-42-5	Styrene	11	U
1330-20-7	Xylene (total)	11	U

AFC023 S35

1F

EPA SAMPLE NO.

B-4

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC023

Matrix: (soil/water) SOIL Lab Sample ID: 0901374-004A

Sample wt/vol: 5 (g/mL) G Lab File ID: V\F39907.D

Level: (low/med) LOW Date Received: 01/13/09

% Moisture: not dec. 12.6 Date Analyzed: 01/22/09

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: (µl) Soil Aliquot Volume: 0 (µL)

Number TICs found: ~~10~~ 0 CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q
1.	(DEL) Alkane: Branched (9.27)	9.27	7	J
2.	(DEL) Alkane: Branched (9.5)	9.50	20	J
3.	(DEL) Alkane: Branched (9.74)	9.74	18	J
4.	(DEL) Alkane: Branched (9.78)	9.78	17	J
5.	(DEL) Alkane: Branched (9.97)	9.97	8	J
6.	(DEL) Alkane: Branched (10.43)	10.43	8	J
7.	(DEL) Alkane: Branched (10.58)	10.58	7	J
8.	(DEL) Alkane: Branched (10.93)	10.93	29	J
9.	(DEL) Alkane: Branched (12.74)	12.74	7	J
10.	(DEL) Alkane: Branched (13.34)	13.34	9	J

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SW-2

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC023

Matrix: (soil/water) SOIL Lab Sample ID: 0901374-006A

Sample wt/vol: 5 (g/mL) G Lab File ID: V\F39710.D

Level: (low/med) LOW Date Received: 01/13/09

% Moisture: not dec. 14.7 Date Analyzed: 01/13/09

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (µL) Soil Aliquot Volume _____ (µL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG	Q
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	12	U
75-01-4	Vinyl chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene chloride	4	BJ
67-64-1	Acetone	6	J
75-35-4	1,1-Dichloroethene	12	U
75-15-0	Carbon disulfide	12	U
75-34-3	1,1-Dichloroethane	12	U
540-59-0	1,2-Dichloroethene (total)	12	U
67-66-3	Chloroform	12	U
107-06-2	1,2-Dichloroethane	12	U
78-93-3	2-Butanone	12	U
71-55-6	1,1,1-Trichloroethane	12	U
56-23-5	Carbon tetrachloride	12	U
75-27-4	Bromodichloromethane	12	U
78-87-5	1,2-Dichloropropane	12	U
10061-01-5	cis-1,3-Dichloropropene	12	U
79-01-6	Trichloroethene	12	U
124-48-1	Dibromochloromethane	12	U
79-00-5	1,1,2-Trichloroethane	12	U
71-43-2	Benzene	12	U
10061-02-6	trans-1,3-Dichloropropene	12	U
75-25-2	Bromoform	12	U
108-10-1	4-Methyl-2-pentanone	12	U
591-78-6	2-Hexanone	12	U
127-18-4	Tetrachloroethene	11000	E
79-34-5	1,1,2,2-Tetrachloroethane	21	
108-88-3	Toluene	12	U
108-90-7	Chlorobenzene	12	U
100-41-4	Ethylbenzene	12	U
100-42-5	Styrene	12	U
1330-20-7	Xylene (total)	12	U

AFC023 S39

1F

EPA SAMPLE NO.

SW-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC023

Matrix: (soil/water) SOIL Lab Sample ID: 0901374-006A

Sample wt/vol: 5 (g/mL) G Lab File ID: V\F39710.D

Level: (low/med) LOW Date Received: 01/13/09

% Moisture: not dec. 14.7 Date Analyzed: 01/13/09

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: (µl) Soil Aliquot Volume: 0 (µL)

CONCENTRATION UNITS:

Number TICs found: ~~10~~ 0 (µg/L or µg/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q
1.	(DEL) Alkane: Branched (8.96)	8.96	300	J
2.	(DEL) Alkane: Branched (9.28)	9.28	570	J
3.	(DEL) Alkane: Branched (9.4)	9.40	250	J
4.	(DEL) Alkane: Branched (9.51)	9.51	1000	J
5.	(DEL) Alkane: Branched (9.75)	9.75	860	J
6.	(DEL) Alkane: Branched (9.78)	9.78	860	J
7.	(DEL) Alkane: Branched (9.97)	9.97	510	J
8.	(DEL) Alkane: Branched (10.13)	10.13	450	J
9.	(DEL) Alkane: Branched (10.2)	10.20	340	J
10.	(DEL) Alkane: Branched (10.92)	10.92	330	J

AFC023 S40

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SW-2DL

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC023

Matrix: (soil/water) SOIL Lab Sample ID: 0901374-006A

Sample wt/vol: 4 (g/mL) G Lab File ID: A\A63054.D

Level: (low/med) MED Date Received: 01/13/09

% Moisture: not dec. 14.7 Date Analyzed: 01/18/09

GC Column: ZB-624 ID: .18 (mm) Dilution Factor: 10.00

Soil Extract Volume: 10000 (µL) Soil Aliquot Volume 100 (µL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG	Q
74-87-3	Chloromethane	15000	U
74-83-9	Bromomethane	15000	U
75-01-4	Vinyl chloride	15000	U
75-00-3	Chloroethane	15000	U
75-09-2	Methylene chloride	15000	U
67-64-1	Acetone	15000	U
75-35-4	1,1-Dichloroethene	15000	U
75-15-0	Carbon disulfide	15000	U
75-34-3	1,1-Dichloroethane	15000	U
540-59-0	1,2-Dichloroethene (total)	15000	U
67-66-3	Chloroform	15000	U
107-06-2	1,2-Dichloroethane	15000	U
78-93-3	2-Butanone	15000	U
71-55-6	1,1,1-Trichloroethane	15000	U
56-23-5	Carbon tetrachloride	15000	U
75-27-4	Bromodichloromethane	15000	U
78-87-5	1,2-Dichloropropane	15000	U
10061-01-5	cis-1,3-Dichloropropene	15000	U
79-01-6	Trichloroethene	15000	U
124-48-1	Dibromochloromethane	15000	U
79-00-5	1,1,2-Trichloroethane	15000	U
71-43-2	Benzene	15000	U
10061-02-6	trans-1,3-Dichloropropene	15000	U
75-25-2	Bromoform	15000	U
108-10-1	4-Methyl-2-pentanone	15000	U
591-78-6	2-Hexanone	15000	U
127-18-4	Tetrachloroethene	14000	DJ
79-34-5	1,1,2,2-Tetrachloroethane	15000	U
108-88-3	Toluene	15000	U
108-90-7	Chlorobenzene	15000	U
100-41-4	Ethylbenzene	15000	U
100-42-5	Styrene	15000	U
1330-20-7	Xylene (total)	15000	U

AFC023 S41

1F

EPA SAMPLE NO.

SW-2DL

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC023

Matrix: (soil/water) SOIL Lab Sample ID: 0901374-006A

Sample wt/vol: 4 (g/mL) G Lab File ID: A\A63054.D

Level: (low/med) MED Date Received: 01/13/09

% Moisture: not dec. 14.7 Date Analyzed: 01/18/09

GC Column: ZB-624 ID: .18 (mm) Dilution Factor: 10.00

Soil Extract Volume: 10000 (µl) Soil Aliquot Volume: 100 (µL)

CONCENTRATION UNITS:

Number TICs found: 1 (µg/L or µg/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q
1.	(del)branched alkane	16.00	8200	JD

AFC023 S42

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SW-2A

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC023

Matrix: (soil/water) SOIL Lab Sample ID: 0901374-007A

Sample wt/vol: 5 (g/mL) G Lab File ID: V\F39712.D

Level: (low/med) LOW Date Received: 01/13/09

% Moisture: not dec. 14.7 Date Analyzed: 01/13/09

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 5.00

Soil Extract Volume: _____ (µL) Soil Aliquot Volume _____ (µL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG	Q
74-87-3	Chloromethane	59	U
74-83-9	Bromomethane	59	U
75-01-4	Vinyl chloride	59	U
75-00-3	Chloroethane	59	U
75-09-2	Methylene chloride	17	BJ
67-64-1	Acetone	22	J
75-35-4	1,1-Dichloroethene	59	U
75-15-0	Carbon disulfide	59	U
75-34-3	1,1-Dichloroethane	59	U
540-59-0	1,2-Dichloroethene (total)	59	U
67-66-3	Chloroform	59	U
107-06-2	1,2-Dichloroethane	59	U
78-93-3	2-Butanone	59	U
71-55-6	1,1,1-Trichloroethane	59	U
56-23-5	Carbon tetrachloride	59	U
75-27-4	Bromodichloromethane	59	U
78-87-5	1,2-Dichloropropane	59	U
10061-01-5	cis-1,3-Dichloropropene	59	U
79-01-6	Trichloroethene	59	U
124-48-1	Dibromochloromethane	59	U
79-00-5	1,1,2-Trichloroethane	59	U
71-43-2	Benzene	59	U
10061-02-6	trans-1,3-Dichloropropene	59	U
75-25-2	Bromoform	59	U
108-10-1	4-Methyl-2-pentanone	59	U
591-78-6	2-Hexanone	59	U
127-18-4	Tetrachloroethene	62000	E
79-34-5	1,1,2,2-Tetrachloroethane	120	
108-88-3	Toluene	59	U
108-90-7	Chlorobenzene	59	U
100-41-4	Ethylbenzene	59	U
100-42-5	Styrene	59	U
1330-20-7	Xylene (total)	59	U

AFC023 S43

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SW-2A

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC023

Matrix: (soil/water) SOIL Lab Sample ID: 0901374-007A

Sample wt/vol: 5 (g/mL) G Lab File ID: V\F39712.D

Level: (low/med) LOW Date Received: 01/13/09

% Moisture: not dec. 14.7 Date Analyzed: 01/13/09

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 5.00

Soil Extract Volume: (µl) Soil Aliquot Volume: 0 (µL)

Number TICs found: ~~10~~ 0 CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q
1.		(DEL) Alkane: Branched (8.96)	8.96	1600	J
2.		(DEL) Alkane: Branched (9.28)	9.28	2700	J
3.		(DEL) Alkane: Branched (9.4)	9.40	1200	J
4.		(DEL) Alkane: Branched (9.51)	9.51	5000	J
5.		(DEL) Alkane: Branched (9.75)	9.75	4100	J
6.		(DEL) Alkane: Branched (9.79)	9.79	3700	J
7.		(DEL) Alkane: Branched (9.97)	9.97	2300	J
8.		(DEL) Alkane: Branched (10.13)	10.13	2100	J
9.		(DEL) Alkane: Branched (10.19)	10.19	1400	J
10.		(DEL) Alkane: Branched (10.92)	10.92	1100	J

AFC023 S44

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SW-2ADL

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC023

Matrix: (soil/water) SOIL Lab Sample ID: 0901374-007A

Sample wt/vol: 4 (g/mL) G Lab File ID: A\A63211.D

Level: (low/med) MED Date Received: 01/13/09

% Moisture: not dec. 14.7 Date Analyzed: 01/28/09

GC Column: ZB-624 ID: .18 (mm) Dilution Factor: 4.00

Soil Extract Volume: 10000 (µL) Soil Aliquot Volume 100 (µL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG	Q
74-87-3	Chloromethane	5900	U
74-83-9	Bromomethane	5900	U
75-01-4	Vinyl chloride	5900	U
75-00-3	Chloroethane	5900	U
75-09-2	Methylene chloride	730	DBJ
67-64-1	Acetone	5900	U
75-35-4	1,1-Dichloroethene	5900	U
75-15-0	Carbon disulfide	5900	U
75-34-3	1,1-Dichloroethane	5900	U
540-59-0	1,2-Dichloroethene (total)	5900	U
67-66-3	Chloroform	5900	U
107-06-2	1,2-Dichloroethane	5900	U
78-93-3	2-Butanone	5900	U
71-55-6	1,1,1-Trichloroethane	5900	U
56-23-5	Carbon tetrachloride	5900	U
75-27-4	Bromodichloromethane	5900	U
78-87-5	1,2-Dichloropropane	5900	U
10061-01-5	cis-1,3-Dichloropropene	5900	U
79-01-6	Trichloroethene	5900	U
124-48-1	Dibromochloromethane	5900	U
79-00-5	1,1,2-Trichloroethane	5900	U
71-43-2	Benzene	5900	U
10061-02-6	trans-1,3-Dichloropropene	5900	U
75-25-2	Bromoform	5900	U
108-10-1	4-Methyl-2-pentanone	5900	U
591-78-6	2-Hexanone	5900	U
127-18-4	Tetrachloroethene	140000	DE
79-34-5	1,1,2,2-Tetrachloroethane	5900	U
108-88-3	Toluene	5900	U
108-90-7	Chlorobenzene	5900	U
100-41-4	Ethylbenzene	5900	U
100-42-5	Styrene	5900	U
1330-20-7	Xylene (total)	5900	U

AFC023 S45

1F

EPA SAMPLE NO.

SW-2ADL

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC023

Matrix: (soil/water) SOIL Lab Sample ID: 0901374-007A

Sample wt/vol: 4 (g/mL) G Lab File ID: A\A63211.D

Level: (low/med) MED Date Received: 01/13/09

% Moisture: not dec. 14.7 Date Analyzed: 01/28/09

GC Column: ZB-624 ID: .18 (mm) Dilution Factor: 4.00

Soil Extract Volume: 10000 (µl) Soil Aliquot Volume: 100 (µL)

CONCENTRATION UNITS:

Number TICs found: 5 (µg/L or µg/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q
1. 000124-18-5	Decane	14.78	4800	JND
2.	(del)branched alkane (15.25)	15.25	3800	JD
3.	(del)branched alkane (15.66)	15.66	4100	JD
4.	(del)branched alkane (16)	16.00	8300	JD
5.	(del)straight-chain alkane	16.42	4700	JD

AFC023 S46

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SW-3

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC023

Matrix: (soil/water) SOIL Lab Sample ID: 0901374-008A

Sample wt/vol: 5 (g/mL) G Lab File ID: V\F39716.D

Level: (low/med) LOW Date Received: 01/13/09

% Moisture: not dec. 4.4 Date Analyzed: 01/13/09

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 5.00

Soil Extract Volume: _____ (µL) Soil Aliquot Volume _____ (µL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG	Q
74-87-3	Chloromethane	52	U
74-83-9	Bromomethane	52	U
75-01-4	Vinyl chloride	52	U
75-00-3	Chloroethane	52	U
75-09-2	Methylene chloride	16	BJ
67-64-1	Acetone	52	U
75-35-4	1,1-Dichloroethene	52	U
75-15-0	Carbon disulfide	52	U
75-34-3	1,1-Dichloroethane	52	U
540-59-0	1,2-Dichloroethene (total)	52	U
67-66-3	Chloroform	52	U
107-06-2	1,2-Dichloroethane	52	U
78-93-3	2-Butanone	52	U
71-55-6	1,1,1-Trichloroethane	52	U
56-23-5	Carbon tetrachloride	52	U
75-27-4	Bromodichloromethane	52	U
78-87-5	1,2-Dichloropropane	52	U
10061-01-5	cis-1,3-Dichloropropene	52	U
79-01-6	Trichloroethene	52	U
124-48-1	Dibromochloromethane	52	U
79-00-5	1,1,2-Trichloroethane	52	U
71-43-2	Benzene	52	U
10061-02-6	trans-1,3-Dichloropropene	52	U
75-25-2	Bromoform	52	U
108-10-1	4-Methyl-2-pentanone	52	U
591-78-6	2-Hexanone	52	U
127-18-4	Tetrachloroethene	350	
79-34-5	1,1,2,2-Tetrachloroethane	52	U
108-88-3	Toluene	52	U
108-90-7	Chlorobenzene	52	U
100-41-4	Ethylbenzene	52	U
100-42-5	Styrene	52	U
1330-20-7	Xylene (total)	52	U

AFC023 S47

1F

EPA SAMPLE NO.

SW-3

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC023

Matrix: (soil/water) SOIL Lab Sample ID: 0901374-008A

Sample wt/vol: 5 (g/mL) G Lab File ID: V\F39716.D

Level: (low/med) LOW Date Received: 01/13/09

% Moisture: not dec. 4.4 Date Analyzed: 01/13/09

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 5.00

Soil Extract Volume: (µl) Soil Aliquot Volume: 0 (µL)

Number TICs found: 50 CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q
1.		(DEL) Alkane: Branched (9.51)	9.51	67	J
2.		(DEL) Alkane: Branched (9.74)	9.74	56	J
3.		(DEL) Alkane: Branched (9.78)	9.78	61	J
4.		(DEL) Alkane: Branched (9.96)	9.96	31	J
5.		(DEL) Alkane: Branched (10.92)	10.92	65	J

AFC023 S48

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

SW-4

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC023

Matrix: (soil/water) SOIL Lab Sample ID: 0901374-009A

Sample wt/vol: 5 (g/mL) G Lab File ID: V\F39735.D

Level: (low/med) LOW Date Received: 01/13/09

% Moisture: not dec. 6.5 Date Analyzed: 01/14/09

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 5.00

Soil Extract Volume: _____ (µL) Soil Aliquot Volume _____ (µL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG	Q
74-87-3	Chloromethane	53	U
74-83-9	Bromomethane	53	U
75-01-4	Vinyl chloride	53	U
75-00-3	Chloroethane	53	U
75-09-2	Methylene chloride	20	BJ
67-64-1	Acetone	53	U
75-35-4	1,1-Dichloroethene	53	U
75-15-0	Carbon disulfide	53	U
75-34-3	1,1-Dichloroethane	53	U
540-59-0	1,2-Dichloroethene (total)	53	U
67-66-3	Chloroform	53	U
107-06-2	1,2-Dichloroethane	53	U
78-93-3	2-Butanone	53	U
71-55-6	1,1,1-Trichloroethane	53	U
56-23-5	Carbon tetrachloride	53	U
75-27-4	Bromodichloromethane	53	U
78-87-5	1,2-Dichloropropane	53	U
10061-01-5	cis-1,3-Dichloropropene	53	U
79-01-6	Trichloroethene	53	U
124-48-1	Dibromochloromethane	53	U
79-00-5	1,1,2-Trichloroethane	53	U
71-43-2	Benzene	53	U
10061-02-6	trans-1,3-Dichloropropene	53	U
75-25-2	Bromoform	53	U
108-10-1	4-Methyl-2-pentanone	53	U
591-78-6	2-Hexanone	53	U
127-18-4	Tetrachloroethene	82	B
79-34-5	1,1,2,2-Tetrachloroethane	53	U
108-88-3	Toluene	53	U
108-90-7	Chlorobenzene	53	U
100-41-4	Ethylbenzene	53	U
100-42-5	Styrene	53	U
1330-20-7	Xylene (total)	53	U

AFC023 S49

1F

EPA SAMPLE NO.

SW-4

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC023

Matrix: (soil/water) SOIL Lab Sample ID: 0901374-009A

Sample wt/vol: 5 (g/mL) G Lab File ID: V\F39735.D

Level: (low/med) LOW Date Received: 01/13/09

% Moisture: not dec. 6.5 Date Analyzed: 01/14/09

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 5.00

Soil Extract Volume: (µl) Soil Aliquot Volume: 0 (µL)

Number TICs found: 2 CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q
1.	unknown siloxane	10.57	30	JX
2.	(DEL) Alkane: Branched	10.93	91	J

AFC023 S50

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SW-5

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC023

Matrix: (soil/water) SOIL Lab Sample ID: 0901374-010A

Sample wt/vol: 5 (g/mL) G Lab File ID: V\F39719.D

Level: (low/med) LOW Date Received: 01/13/09

% Moisture: not dec. 13.5 Date Analyzed: 01/13/09

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 5.00

Soil Extract Volume: _____ (µL) Soil Aliquot Volume _____ (µL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG	Q
74-87-3	Chloromethane	58	U
74-83-9	Bromomethane	58	U
75-01-4	Vinyl chloride	58	U
75-00-3	Chloroethane	58	U
75-09-2	Methylene chloride	18	BJ
67-64-1	Acetone	58	U
75-35-4	1,1-Dichloroethene	58	U
75-15-0	Carbon disulfide	58	U
75-34-3	1,1-Dichloroethane	58	U
540-59-0	1,2-Dichloroethene (total)	58	U
67-66-3	Chloroform	58	U
107-06-2	1,2-Dichloroethane	58	U
78-93-3	2-Butanone	58	U
71-55-6	1,1,1-Trichloroethane	58	U
56-23-5	Carbon tetrachloride	58	U
75-27-4	Bromodichloromethane	58	U
78-87-5	1,2-Dichloropropane	58	U
10061-01-5	cis-1,3-Dichloropropene	58	U
79-01-6	Trichloroethene	58	U
124-48-1	Dibromochloromethane	58	U
79-00-5	1,1,2-Trichloroethane	58	U
71-43-2	Benzene	58	U
10061-02-6	trans-1,3-Dichloropropene	58	U
75-25-2	Bromoform	58	U
108-10-1	4-Methyl-2-pentanone	58	U
591-78-6	2-Hexanone	58	U
127-18-4	Tetrachloroethene	140	
79-34-5	1,1,2,2-Tetrachloroethane	58	U
108-88-3	Toluene	58	U
108-90-7	Chlorobenzene	58	U
100-41-4	Ethylbenzene	58	U
100-42-5	Styrene	58	U
1330-20-7	Xylene (total)	58	U

AFC023 S51

1F

EPA SAMPLE NO.

SW-5

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC023

Matrix: (soil/water) SOIL Lab Sample ID: 0901374-010A

Sample wt/vol: 5 (g/mL) G Lab File ID: V\F39719.D

Level: (low/med) LOW Date Received: 01/13/09

% Moisture: not dec. 13.5 Date Analyzed: 01/13/09

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 5.00

Soil Extract Volume: (µl) Soil Aliquot Volume: 0 (µL)

CONCENTRATION UNITS:

Number TICs found: 0 (µg/L or µg/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q

AFC023 S52

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SW-6

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC023

Matrix: (soil/water) SOIL Lab Sample ID: 0901374-011A

Sample wt/vol: 5 (g/mL) G Lab File ID: V\F39720.D

Level: (low/med) LOW Date Received: 01/13/09

% Moisture: not dec. 15.6 Date Analyzed: 01/14/09

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 5.00

Soil Extract Volume: _____ (µL) Soil Aliquot Volume _____ (µL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG	Q
74-87-3	Chloromethane	59	U
74-83-9	Bromomethane	59	U
75-01-4	Vinyl chloride	59	U
75-00-3	Chloroethane	59	U
75-09-2	Methylene chloride	20	BJ
67-64-1	Acetone	17	J
75-35-4	1,1-Dichloroethene	59	U
75-15-0	Carbon disulfide	59	U
75-34-3	1,1-Dichloroethane	59	U
540-59-0	1,2-Dichloroethene (total)	59	U
67-66-3	Chloroform	59	U
107-06-2	1,2-Dichloroethane	59	U
78-93-3	2-Butanone	59	U
71-55-6	1,1,1-Trichloroethane	59	U
56-23-5	Carbon tetrachloride	59	U
75-27-4	Bromodichloromethane	59	U
78-87-5	1,2-Dichloropropane	59	U
10061-01-5	cis-1,3-Dichloropropene	59	U
79-01-6	Trichloroethene	59	U
124-48-1	Dibromochloromethane	59	U
79-00-5	1,1,2-Trichloroethane	59	U
71-43-2	Benzene	59	U
10061-02-6	trans-1,3-Dichloropropene	59	U
75-25-2	Bromoform	59	U
108-10-1	4-Methyl-2-pentanone	59	U
591-78-6	2-Hexanone	59	U
127-18-4	Tetrachloroethene	190	
79-34-5	1,1,2,2-Tetrachloroethane	59	U
108-88-3	Toluene	59	U
108-90-7	Chlorobenzene	59	U
100-41-4	Ethylbenzene	59	U
100-42-5	Styrene	59	U
1330-20-7	Xylene (total)	59	U

AFC023 S53

1F

EPA SAMPLE NO.

SW-6

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC023

Matrix: (soil/water) SOIL Lab Sample ID: 0901374-011A

Sample wt/vol: 5 (g/mL) G Lab File ID: V\F39720.D

Level: (low/med) LOW Date Received: 01/13/09

% Moisture: not dec. 15.6 Date Analyzed: 01/14/09

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 5.00

Soil Extract Volume: (µl) Soil Aliquot Volume: 0 (µL)

Number TICs found: 0 CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q

AFC023 S54

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SW-7

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC023

Matrix: (soil/water) SOIL Lab Sample ID: 0901374-012A

Sample wt/vol: 5 (g/mL) G Lab File ID: V\F39721.D

Level: (low/med) LOW Date Received: 01/13/09

% Moisture: not dec. 15.2 Date Analyzed: 01/14/09

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 5.00

Soil Extract Volume: _____ (µL) Soil Aliquot Volume _____ (µL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG	Q
74-87-3	Chloromethane	59	U
74-83-9	Bromomethane	59	U
75-01-4	Vinyl chloride	59	U
75-00-3	Chloroethane	59	U
75-09-2	Methylene chloride	19	BJ
67-64-1	Acetone	17	J
75-35-4	1,1-Dichloroethene	59	U
75-15-0	Carbon disulfide	59	U
75-34-3	1,1-Dichloroethane	59	U
540-59-0	1,2-Dichloroethene (total)	59	U
67-66-3	Chloroform	59	U
107-06-2	1,2-Dichloroethane	59	U
78-93-3	2-Butanone	59	U
71-55-6	1,1,1-Trichloroethane	59	U
56-23-5	Carbon tetrachloride	59	U
75-27-4	Bromodichloromethane	59	U
78-87-5	1,2-Dichloropropane	59	U
10061-01-5	cis-1,3-Dichloropropene	59	U
79-01-6	Trichloroethene	59	U
124-48-1	Dibromochloromethane	59	U
79-00-5	1,1,2-Trichloroethane	59	U
71-43-2	Benzene	59	U
10061-02-6	trans-1,3-Dichloropropene	59	U
75-25-2	Bromoform	59	U
108-10-1	4-Methyl-2-pentanone	59	U
591-78-6	2-Hexanone	59	U
127-18-4	Tetrachloroethene	150	
79-34-5	1,1,2,2-Tetrachloroethane	59	U
108-88-3	Toluene	59	U
108-90-7	Chlorobenzene	59	U
100-41-4	Ethylbenzene	59	U
100-42-5	Styrene	59	U
1330-20-7	Xylene (total)	59	U

AFC023 S55

1F

EPA SAMPLE NO.

SW-7

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC023

Matrix: (soil/water) SOIL Lab Sample ID: 0901374-012A

Sample wt/vol: 5 (g/mL) G Lab File ID: V\F39721.D

Level: (low/med) LOW Date Received: 01/13/09

% Moisture: not dec. 15.2 Date Analyzed: 01/14/09

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 5.00

Soil Extract Volume: (µl) Soil Aliquot Volume: 0 (µL)

CONCENTRATION UNITS:

Number TICs found: 0 (µg/L or µg/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q

AFC023 S56

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-5

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC023

Matrix: (soil/water) SOIL Lab Sample ID: 0901436-001A

Sample wt/vol: 5 (g/mL) G Lab File ID: V\F39795.D

Level: (low/med) LOW Date Received: 01/14/09

% Moisture: not dec. 3.2 Date Analyzed: 01/16/09

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (µL) Soil Aliquot Volume _____ (µL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene chloride	2	BJ
67-64-1	Acetone	10	U
75-35-4	1,1-Dichloroethene	10	U
75-15-0	Carbon disulfide	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

AFC023 S59

1F

EPA SAMPLE NO.

B-5

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC023

Matrix: (soil/water) SOIL Lab Sample ID: 0901436-001A

Sample wt/vol: 5 (g/mL) G Lab File ID: V\F39795.D

Level: (low/med) LOW Date Received: 01/14/09

% Moisture: not dec. 3.2 Date Analyzed: 01/16/09

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: (µl) Soil Aliquot Volume: 0 (µL)

CONCENTRATION UNITS:

Number TICs found: ~~10~~ 09 \ (µg/L or µg/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q
1.	unknown cyclic (7.92)	7.92	13	J
2.	(DEL) Alkane: Branched (8.13)	8.13	14	J
3. 001678-92-8	Cyclohexane, propyl-	8.23	13	JN
4.	(DEL) Alkane: Branched (8.65)	8.65	19	J
5.	(DEL) Alkane: Branched (8.9)	8.90	17	J
6.	unknown cyclic (8.96)	8.96	10	J
7.	unknown cyclic (9.14)	9.14	12	J
8.	(DEL) Alkane: Branched (9.24)	9.24	13	J
9. 001678-93-9	Cyclohexane, butyl-	9.52	11	JN
10.	Naphthalene, decahydro isomer	9.97	20	J

AFC023 S60

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-6

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC023

Matrix: (soil/water) SOIL Lab Sample ID: 0901436-002A

Sample wt/vol: 5 (g/mL) G Lab File ID: V\F39741.D

Level: (low/med) LOW Date Received: 01/14/09

% Moisture: not dec. 6.4 Date Analyzed: 01/14/09

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 10.00

Soil Extract Volume: _____ (µL) Soil Aliquot Volume _____ (µL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG	Q
74-87-3	Chloromethane	110	U
74-83-9	Bromomethane	110	U
75-01-4	Vinyl chloride	110	U
75-00-3	Chloroethane	110	U
75-09-2	Methylene chloride	37	BJ
67-64-1	Acetone	110	U
75-35-4	1,1-Dichloroethene	110	U
75-15-0	Carbon disulfide	110	U
75-34-3	1,1-Dichloroethane	110	U
540-59-0	1,2-Dichloroethene (total)	110	U
67-66-3	Chloroform	110	U
107-06-2	1,2-Dichloroethane	110	U
78-93-3	2-Butanone	110	U
71-55-6	1,1,1-Trichloroethane	110	U
56-23-5	Carbon tetrachloride	110	U
75-27-4	Bromodichloromethane	110	U
78-87-5	1,2-Dichloropropane	110	U
10061-01-5	cis-1,3-Dichloropropene	110	U
79-01-6	Trichloroethene	110	U
124-48-1	Dibromochloromethane	110	U
79-00-5	1,1,2-Trichloroethane	110	U
71-43-2	Benzene	110	U
10061-02-6	trans-1,3-Dichloropropene	110	U
75-25-2	Bromoform	110	U
108-10-1	4-Methyl-2-pentanone	110	U
591-78-6	2-Hexanone	110	U
127-18-4	Tetrachloroethene	1300	B
79-34-5	1,1,2,2-Tetrachloroethane	110	U
108-88-3	Toluene	110	U
108-90-7	Chlorobenzene	110	U
100-41-4	Ethylbenzene	110	U
100-42-5	Styrene	110	U
1330-20-7	Xylene (total)	110	U

AFC023 S61

1F

EPA SAMPLE NO.

B-6

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC023

Matrix: (soil/water) SOIL Lab Sample ID: 0901436-002A

Sample wt/vol: 5 (g/mL) G Lab File ID: V\F39741.D

Level: (low/med) LOW Date Received: 01/14/09

% Moisture: not dec. 6.4 Date Analyzed: 01/14/09

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 10.00

Soil Extract Volume: (µl) Soil Aliquot Volume: 0 (µL)

CONCENTRATION UNITS:

Number TICs found: 1 (µg/L or µg/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q
1.	unknown siloxane	10.57	270	JX

AFC023 S62

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

SW-15

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC023

Matrix: (soil/water) SOIL Lab Sample ID: 0901436-003A

Sample wt/vol: 5 (g/mL) G Lab File ID: V\F39742.D

Level: (low/med) LOW Date Received: 01/14/09

% Moisture: not dec. 18.8 Date Analyzed: 01/14/09

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 10.00

Soil Extract Volume: _____ (µL) Soil Aliquot Volume _____ (µL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG	Q
74-87-3	Chloromethane	120	U
74-83-9	Bromomethane	120	U
75-01-4	Vinyl chloride	120	U
75-00-3	Chloroethane	120	U
75-09-2	Methylene chloride	49	BJ
67-64-1	Acetone	120	U
75-35-4	1,1-Dichloroethene	120	U
75-15-0	Carbon disulfide	120	U
75-34-3	1,1-Dichloroethane	120	U
540-59-0	1,2-Dichloroethene (total)	120	U
67-66-3	Chloroform	120	U
107-06-2	1,2-Dichloroethane	120	U
78-93-3	2-Butanone	120	U
71-55-6	1,1,1-Trichloroethane	120	U
56-23-5	Carbon tetrachloride	120	U
75-27-4	Bromodichloromethane	120	U
78-87-5	1,2-Dichloropropane	120	U
10061-01-5	cis-1,3-Dichloropropene	120	U
79-01-6	Trichloroethene	120	U
124-48-1	Dibromochloromethane	120	U
79-00-5	1,1,2-Trichloroethane	120	U
71-43-2	Benzene	120	U
10061-02-6	trans-1,3-Dichloropropene	120	U
75-25-2	Bromoform	120	U
108-10-1	4-Methyl-2-pentanone	120	U
591-78-6	2-Hexanone	120	U
127-18-4	Tetrachloroethene	1400	B
79-34-5	1,1,2,2-Tetrachloroethane	120	U
108-88-3	Toluene	120	U
108-90-7	Chlorobenzene	120	U
100-41-4	Ethylbenzene	120	U
100-42-5	Styrene	120	U
1330-20-7	Xylene (total)	120	U

AFC023 S63

1F

EPA SAMPLE NO.

SW-15

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC023

Matrix: (soil/water) SOIL Lab Sample ID: 0901436-003A

Sample wt/vol: 5 (g/mL) G Lab File ID: V\F39742.D

Level: (low/med) LOW Date Received: 01/14/09

% Moisture: not dec. 18.8 Date Analyzed: 01/14/09

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 10.00

Soil Extract Volume: (µl) Soil Aliquot Volume: 0 (µL)

CONCENTRATION UNITS:

Number TICs found: 1 (µg/L or µg/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q
1.	unknown siloxane	10.57	690	JX

AFC023 S64

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SW-16

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC023

Matrix: (soil/water) SOIL Lab Sample ID: 0901436-004A

Sample wt/vol: 5 (g/mL) G Lab File ID: V\F39796.D

Level: (low/med) LOW Date Received: 01/14/09

% Moisture: not dec. 4.7 Date Analyzed: 01/16/09

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (µL) Soil Aliquot Volume _____ (µL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene chloride	3	BJ
67-64-1	Acetone	10	U
75-35-4	1,1-Dichloroethene	10	U
75-15-0	Carbon disulfide	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

AFC023 S65

1F

EPA SAMPLE NO.

SW-16

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC023

Matrix: (soil/water) SOIL Lab Sample ID: 0901436-004A

Sample wt/vol: 5 (g/mL) G Lab File ID: V\F39796.D

Level: (low/med) LOW Date Received: 01/14/09

% Moisture: not dec. 4.7 Date Analyzed: 01/16/09

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: (µl) Soil Aliquot Volume: 0 (µL)

Number TICs found: ~~10~~ 2 CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q
1.	(DEL) Alkane: Cyclic (8.65)	8.65	8	J
2.	(DEL) Alkane: Cyclic (8.9)	8.90	9	J
3.	(DEL) Alkane: Branched (9.14)	9.14	6	J
4.	(DEL) Alkane: Branched (9.24)	9.24	12	J
5.	(DEL) Alkane: Branched (9.32)	9.32	6	J
6.	(DEL) Alkane: Branched (9.46)	9.46	6	J
7. 001678-93-9	Cyclohexane, butyl-	9.52	7	JN
8.	Naphthalene, decahydro isomer	9.97	9	J
9.	(DEL) Alkane: Cyclic (10.28)	10.28	6	J
10. 1000152-47-3	trans-Decalin, 2-methyl-	10.60	7	JN

AFC023 S66

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SW-17

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC023

Matrix: (soil/water) SOIL Lab Sample ID: 0901436-005A

Sample wt/vol: 5 (g/mL) G Lab File ID: V\F39797.D

Level: (low/med) LOW Date Received: 01/14/09

% Moisture: not dec. 6.5 Date Analyzed: 01/16/09

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (µL) Soil Aliquot Volume _____ (µL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG	Q
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene chloride	3	BJ
67-64-1	Acetone	11	U
75-35-4	1,1-Dichloroethene	11	U
75-15-0	Carbon disulfide	11	U
75-34-3	1,1-Dichloroethane	11	U
540-59-0	1,2-Dichloroethene (total)	11	U
67-66-3	Chloroform	11	U
107-06-2	1,2-Dichloroethane	11	U
78-93-3	2-Butanone	11	U
71-55-6	1,1,1-Trichloroethane	11	U
56-23-5	Carbon tetrachloride	11	U
75-27-4	Bromodichloromethane	11	U
78-87-5	1,2-Dichloropropane	11	U
10061-01-5	cis-1,3-Dichloropropene	11	U
79-01-6	Trichloroethene	11	U
124-48-1	Dibromochloromethane	11	U
79-00-5	1,1,2-Trichloroethane	11	U
71-43-2	Benzene	11	U
10061-02-6	trans-1,3-Dichloropropene	11	U
75-25-2	Bromoform	11	U
108-10-1	4-Methyl-2-pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	11	U
79-34-5	1,1,2,2-Tetrachloroethane	11	U
108-88-3	Toluene	11	U
108-90-7	Chlorobenzene	11	U
100-41-4	Ethylbenzene	11	U
100-42-5	Styrene	11	U
1330-20-7	Xylene (total)	11	U

AFC023 S67

1F

EPA SAMPLE NO.

SW-17

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC023

Matrix: (soil/water) SOIL Lab Sample ID: 0901436-005A

Sample wt/vol: 5 (g/mL) G Lab File ID: V\F39797.D

Level: (low/med) LOW Date Received: 01/14/09

% Moisture: not dec. 6.5 Date Analyzed: 01/16/09

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: (µl) Soil Aliquot Volume: 0 (µL)

Number TICs found: ~~8~~ 1 CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q
1.		(DEL) Alkane: Branched (9.24)	9.24	9	J
2.		(DEL) Alkane: Branched (9.46)	9.46	5	J
3.		(DEL) Alkane: Cyclic (9.52)	9.52	6	J
4.		Naphthalene, decahydro isomer	9.97	8	J
5.		(DEL) Alkane: Cyclic (10.12)	10.12	6	J
6.		(DEL) Alkane: Cyclic (10.17)	10.17	6	J
7.		(DEL) Alkane: Cyclic (10.28)	10.28	6	J
8.		(DEL) Alkane: Branched (10.33)	10.33	6	J

AFC023 S68

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SW-18

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC023

Matrix: (soil/water) SOIL Lab Sample ID: 0901436-006A

Sample wt/vol: 5 (g/mL) G Lab File ID: V\F39859.D

Level: (low/med) LOW Date Received: 01/14/09

% Moisture: not dec. 4.8 Date Analyzed: 01/20/09

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (µL) Soil Aliquot Volume _____ (µL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG	Q
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene chloride	3	BJ
67-64-1	Acetone	11	U
75-35-4	1,1-Dichloroethene	11	U
75-15-0	Carbon disulfide	11	U
75-34-3	1,1-Dichloroethane	11	U
540-59-0	1,2-Dichloroethene (total)	11	U
67-66-3	Chloroform	11	U
107-06-2	1,2-Dichloroethane	11	U
78-93-3	2-Butanone	11	U
71-55-6	1,1,1-Trichloroethane	11	U
56-23-5	Carbon tetrachloride	11	U
75-27-4	Bromodichloromethane	11	U
78-87-5	1,2-Dichloropropane	11	U
10061-01-5	cis-1,3-Dichloropropene	11	U
79-01-6	Trichloroethene	11	U
124-48-1	Dibromochloromethane	11	U
79-00-5	1,1,2-Trichloroethane	11	U
71-43-2	Benzene	11	U
10061-02-6	trans-1,3-Dichloropropene	11	U
75-25-2	Bromoform	11	U
108-10-1	4-Methyl-2-pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	11	U
79-34-5	1,1,2,2-Tetrachloroethane	11	U
108-88-3	Toluene	11	U
108-90-7	Chlorobenzene	11	U
100-41-4	Ethylbenzene	11	U
100-42-5	Styrene	11	U
1330-20-7	Xylene (total)	11	U

AFC023 S69

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SW-18

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC023

Matrix: (soil/water) SOIL Lab Sample ID: 0901436-006A

Sample wt/vol: 5 (g/mL) G Lab File ID: V\F39859.D

Level: (low/med) LOW Date Received: 01/14/09

% Moisture: not dec. 4.8 Date Analyzed: 01/20/09

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: (µl) Soil Aliquot Volume: 0 (µL)

Number TICs found: 0 CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q

AFC023 S70

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SW-19

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC023

Matrix: (soil/water) SOIL Lab Sample ID: 0901436-007A

Sample wt/vol: 5 (g/mL) G Lab File ID: V\F39799.D

Level: (low/med) LOW Date Received: 01/14/09

% Moisture: not dec. 2.8 Date Analyzed: 01/16/09

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (µL) Soil Aliquot Volume _____ (µL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene chloride	3	BJ
67-64-1	Acetone	10	U
75-35-4	1,1-Dichloroethene	10	U
75-15-0	Carbon disulfide	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

AFC023 S71

1F

EPA SAMPLE NO.

SW-19

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC023

Matrix: (soil/water) SOIL Lab Sample ID: 0901436-007A

Sample wt/vol: 5 (g/mL) G Lab File ID: V\F39799.D

Level: (low/med) LOW Date Received: 01/14/09

% Moisture: not dec. 2.8 Date Analyzed: 01/16/09

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: (µl) Soil Aliquot Volume: 0 (µL)

Number TICs found: 0 CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q

AFC023 S72

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SW-8

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC024

Matrix: (soil/water) SOIL Lab Sample ID: 0901437-002A

Sample wt/vol: 5 (g/mL) G Lab File ID: V\F39747.D

Level: (low/med) LOW Date Received: 01/14/09

% Moisture: not dec. 4.1 Date Analyzed: 01/15/09

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 10.00

Soil Extract Volume: _____ (µL) Soil Aliquot Volume _____ (µL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG	Q
74-87-3	Chloromethane	100	U
74-83-9	Bromomethane	100	U
75-01-4	Vinyl chloride	100	U
75-00-3	Chloroethane	100	U
75-09-2	Methylene chloride	35	BJ
67-64-1	Acetone	100	U
75-35-4	1,1-Dichloroethene	100	U
75-15-0	Carbon disulfide	100	U
75-34-3	1,1-Dichloroethane	100	U
540-59-0	1,2-Dichloroethene (total)	100	U
67-66-3	Chloroform	100	U
107-06-2	1,2-Dichloroethane	100	U
78-93-3	2-Butanone	100	U
71-55-6	1,1,1-Trichloroethane	100	U
56-23-5	Carbon tetrachloride	100	U
75-27-4	Bromodichloromethane	100	U
78-87-5	1,2-Dichloropropane	100	U
10061-01-5	cis-1,3-Dichloropropene	100	U
79-01-6	Trichloroethene	100	U
124-48-1	Dibromochloromethane	100	U
79-00-5	1,1,2-Trichloroethane	100	U
71-43-2	Benzene	100	U
10061-02-6	trans-1,3-Dichloropropene	100	U
75-25-2	Bromoform	100	U
108-10-1	4-Methyl-2-pentanone	100	U
591-78-6	2-Hexanone	100	U
127-18-4	Tetrachloroethene	2100	B
79-34-5	1,1,2,2-Tetrachloroethane	100	U
108-88-3	Toluene	100	U
108-90-7	Chlorobenzene	100	U
100-41-4	Ethylbenzene	100	U
100-42-5	Styrene	100	U
1330-20-7	Xylene (total)	100	U

AFC024 S18

1F

EPA SAMPLE NO.

SW-8

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC024

Matrix: (soil/water) SOIL Lab Sample ID: 0901437-002A

Sample wt/vol: 5 (g/mL) G Lab File ID: V\F39747.D

Level: (low/med) LOW Date Received: 01/14/09

% Moisture: not dec. 4.1 Date Analyzed: 01/15/09

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 10.00

Soil Extract Volume: (µl) Soil Aliquot Volume: 0 (µL)

Number TICs found: 0 CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SW-8A

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC024

Matrix: (soil/water) SOIL Lab Sample ID: 0901437-003A

Sample wt/vol: 5 (g/mL) G Lab File ID: V\F39904.D

Level: (low/med) LOW Date Received: 01/14/09

% Moisture: not dec. 4 Date Analyzed: 01/22/09

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (µL) Soil Aliquot Volume _____ (µL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene chloride	2	BJ
67-64-1	Acetone	10	U
75-35-4	1,1-Dichloroethene	10	U
75-15-0	Carbon disulfide	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

AFC024 S20

1F

EPA SAMPLE NO.

SW-8A

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC024

Matrix: (soil/water) SOIL Lab Sample ID: 0901437-003A

Sample wt/vol: 5 (g/mL) G Lab File ID: V\F39904.D

Level: (low/med) LOW Date Received: 01/14/09

% Moisture: not dec. 4 Date Analyzed: 01/22/09

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: (µl) Soil Aliquot Volume: 0 (µL)

Number TICs found: 0 CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q

AFC024 S21

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SW-9

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC024

Matrix: (soil/water) SOIL Lab Sample ID: 0901437-004A

Sample wt/vol: 5 (g/mL) G Lab File ID: V\F39862.D

Level: (low/med) LOW Date Received: 01/14/09

% Moisture: not dec. 5.1 Date Analyzed: 01/20/09

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (µL) Soil Aliquot Volume _____ (µL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG	Q
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene chloride	4	BJ
67-64-1	Acetone	11	U
75-35-4	1,1-Dichloroethene	11	U
75-15-0	Carbon disulfide	11	U
75-34-3	1,1-Dichloroethane	11	U
540-59-0	1,2-Dichloroethene (total)	11	U
67-66-3	Chloroform	11	U
107-06-2	1,2-Dichloroethane	11	U
78-93-3	2-Butanone	11	U
71-55-6	1,1,1-Trichloroethane	11	U
56-23-5	Carbon tetrachloride	11	U
75-27-4	Bromodichloromethane	11	U
78-87-5	1,2-Dichloropropane	11	U
10061-01-5	cis-1,3-Dichloropropene	11	U
79-01-6	Trichloroethene	11	U
124-48-1	Dibromochloromethane	11	U
79-00-5	1,1,2-Trichloroethane	11	U
71-43-2	Benzene	11	U
10061-02-6	trans-1,3-Dichloropropene	11	U
75-25-2	Bromoform	11	U
108-10-1	4-Methyl-2-pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	3	J
79-34-5	1,1,2,2-Tetrachloroethane	11	U
108-88-3	Toluene	11	U
108-90-7	Chlorobenzene	11	U
100-41-4	Ethylbenzene	11	U
100-42-5	Styrene	11	U
1330-20-7	Xylene (total)	11	U

AFC024 S22

1F

EPA SAMPLE NO.

SW-9

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC024

Matrix: (soil/water) SOIL Lab Sample ID: 0901437-004A

Sample wt/vol: 5 (g/mL) G Lab File ID: V\F39862.D

Level: (low/med) LOW Date Received: 01/14/09

% Moisture: not dec. 5.1 Date Analyzed: 01/20/09

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: (µl) Soil Aliquot Volume: 0 (µL)

Number TICs found: 20 (Max 20) CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q
1.	000110-54-3	Hexane	3.02	9	JN

AFC024 S23

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SW-10

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC024

Matrix: (soil/water) SOIL Lab Sample ID: 0901437-005A

Sample wt/vol: 5 (g/mL) G Lab File ID: V\F39905.D

Level: (low/med) LOW Date Received: 01/14/09

% Moisture: not dec. 4.1 Date Analyzed: 01/22/09

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (µL) Soil Aliquot Volume _____ (µL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene chloride	3	BJ
67-64-1	Acetone	10	U
75-35-4	1,1-Dichloroethene	10	U
75-15-0	Carbon disulfide	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	2	J
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

AFC024 S24

1F

EPA SAMPLE NO.

SW-10

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC024

Matrix: (soil/water) SOIL Lab Sample ID: 0901437-005A

Sample wt/vol: 5 (g/mL) G Lab File ID: V\F39905.D

Level: (low/med) LOW Date Received: 01/14/09

% Moisture: not dec. 4.1 Date Analyzed: 01/22/09

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: (µl) Soil Aliquot Volume: 0 (µL)

Number TICs found: 0 CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q

AFC024 S25

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SW-11

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC024

Matrix: (soil/water) SOIL Lab Sample ID: 0901437-006A

Sample wt/vol: 5 (g/mL) G Lab File ID: V\F39751.D

Level: (low/med) LOW Date Received: 01/14/09

% Moisture: not dec. 5 Date Analyzed: 01/15/09

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 10.00

Soil Extract Volume: _____ (µL) Soil Aliquot Volume _____ (µL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG	Q
74-87-3	Chloromethane	110	U
74-83-9	Bromomethane	110	U
75-01-4	Vinyl chloride	110	U
75-00-3	Chloroethane	110	U
75-09-2	Methylene chloride	37	BJ
67-64-1	Acetone	110	U
75-35-4	1,1-Dichloroethene	110	U
75-15-0	Carbon disulfide	110	U
75-34-3	1,1-Dichloroethane	110	U
540-59-0	1,2-Dichloroethene (total)	110	U
67-66-3	Chloroform	110	U
107-06-2	1,2-Dichloroethane	110	U
78-93-3	2-Butanone	110	U
71-55-6	1,1,1-Trichloroethane	110	U
56-23-5	Carbon tetrachloride	110	U
75-27-4	Bromodichloromethane	110	U
78-87-5	1,2-Dichloropropane	110	U
10061-01-5	cis-1,3-Dichloropropene	110	U
79-01-6	Trichloroethene	110	U
124-48-1	Dibromochloromethane	110	U
79-00-5	1,1,2-Trichloroethane	110	U
71-43-2	Benzene	110	U
10061-02-6	trans-1,3-Dichloropropene	110	U
75-25-2	Bromoform	110	U
108-10-1	4-Methyl-2-pentanone	110	U
591-78-6	2-Hexanone	110	U
127-18-4	Tetrachloroethene	740	B
79-34-5	1,1,2,2-Tetrachloroethane	110	U
108-88-3	Toluene	110	U
108-90-7	Chlorobenzene	110	U
100-41-4	Ethylbenzene	110	U
100-42-5	Styrene	110	U
1330-20-7	Xylene (total)	110	U

AFC024 S26

1F

EPA SAMPLE NO.

SW-11

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC024

Matrix: (soil/water) SOIL Lab Sample ID: 0901437-006A

Sample wt/vol: 5 (g/mL) G Lab File ID: V\F39751.D

Level: (low/med) LOW Date Received: 01/14/09

% Moisture: not dec. 5 Date Analyzed: 01/15/09

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 10.00

Soil Extract Volume: (µl) Soil Aliquot Volume: 0 (µL)

CONCENTRATION UNITS:

Number TICs found: 1 (µg/L or µg/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q
1.	unknown siloxane	10.57	410	JX

AFC024 S27

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SW-12

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC024

Matrix: (soil/water) SOIL Lab Sample ID: 0901437-007A

Sample wt/vol: 5 (g/mL) G Lab File ID: V\F39906.D

Level: (low/med) LOW Date Received: 01/14/09

% Moisture: not dec. 2.3 Date Analyzed: 01/22/09

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (µL) Soil Aliquot Volume _____ (µL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene chloride	3	BJ
67-64-1	Acetone	10	U
75-35-4	1,1-Dichloroethene	10	U
75-15-0	Carbon disulfide	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

AFC024 S28

1F

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

SW-12

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC024

Matrix: (soil/water) SOIL Lab Sample ID: 0901437-007A

Sample wt/vol: 5 (g/mL) G Lab File ID: V\F39906.D

Level: (low/med) LOW Date Received: 01/14/09

% Moisture: not dec. 2.3 Date Analyzed: 01/22/09

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: (µl) Soil Aliquot Volume: 0 (µL)

Number TICs found: 6 1/26/09 CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q
1.	(DEL) Alkane: Branched (10.93)	10.93	15	J
2.	(DEL) Alkane: Branched (11.93)	11.93	6	J
3.	(DEL) Alkane: Branched (12.74)	12.74	8	J
4.	(DEL) Alkane: Straight-Chain (12.88)	12.88	9	J
5.	(DEL) Alkane: Branched (13.34)	13.34	10	J
6.	(DEL) Alkane: Straight-Chain (13.62)	13.62	14	J

AFC024 S29

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SW-13

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC024

Matrix: (soil/water) SOIL Lab Sample ID: 0901437-008A

Sample wt/vol: 5 (g/mL) G Lab File ID: V\F39861.D

Level: (low/med) LOW Date Received: 01/14/09

% Moisture: not dec. 3.2 Date Analyzed: 01/20/09

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (µL) Soil Aliquot Volume _____ (µL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene chloride	3	BJ
67-64-1	Acetone	10	U
75-35-4	1,1-Dichloroethene	10	U
75-15-0	Carbon disulfide	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

AFC024 S30

1F

EPA SAMPLE NO.

SW-13

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC024

Matrix: (soil/water) SOIL Lab Sample ID: 0901437-008A

Sample wt/vol: 5 (g/mL) G Lab File ID: V\F39861.D

Level: (low/med) LOW Date Received: 01/14/09

% Moisture: not dec. 3.2 Date Analyzed: 01/20/09

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: (µl) Soil Aliquot Volume: 0 (µL)

Number TICs found: 8 0 PM 1/26/09 CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	000110-54-3	Hexane	3.02	14	JN
2.		(DEL) Alkane: Branched (10.93)	10.93	22	J
3.		(DEL) Alkane: Branched (11.93)	11.93	6	J
4.		(DEL) Alkane: Straight-Chain (12.14)	12.14	6	J
5.		(DEL) Alkane: Branched (12.74)	12.74	8	J
6.		(DEL) Alkane: Straight-Chain (12.88)	12.88	14	J
7.		(DEL) Alkane: Branched (13.34)	13.34	9	J
8.		(DEL) Alkane: Straight-Chain (13.62)	13.62	12	J

AFC024 S31

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SW-14

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC024

Matrix: (soil/water) SOIL Lab Sample ID: 0901437-009A

Sample wt/vol: 5 (g/mL) G Lab File ID: V\F39800.D

Level: (low/med) LOW Date Received: 01/14/09

% Moisture: not dec. 5.1 Date Analyzed: 01/16/09

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (µL) Soil Aliquot Volume _____ (µL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG	Q
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene chloride	2	BJ
67-64-1	Acetone	11	U
75-35-4	1,1-Dichloroethene	11	U
75-15-0	Carbon disulfide	11	U
75-34-3	1,1-Dichloroethane	11	U
540-59-0	1,2-Dichloroethene (total)	11	U
67-66-3	Chloroform	11	U
107-06-2	1,2-Dichloroethane	11	U
78-93-3	2-Butanone	11	U
71-55-6	1,1,1-Trichloroethane	11	U
56-23-5	Carbon tetrachloride	11	U
75-27-4	Bromodichloromethane	11	U
78-87-5	1,2-Dichloropropane	11	U
10061-01-5	cis-1,3-Dichloropropene	11	U
79-01-6	Trichloroethene	11	U
124-48-1	Dibromochloromethane	11	U
79-00-5	1,1,2-Trichloroethane	11	U
71-43-2	Benzene	11	U
10061-02-6	trans-1,3-Dichloropropene	11	U
75-25-2	Bromoform	11	U
108-10-1	4-Methyl-2-pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	11	U
79-34-5	1,1,2,2-Tetrachloroethane	11	U
108-88-3	Toluene	11	U
108-90-7	Chlorobenzene	11	U
100-41-4	Ethylbenzene	11	U
100-42-5	Styrene	11	U
1330-20-7	Xylene (total)	11	U

AFC024 S32

1F

EPA SAMPLE NO.

SW-14

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC024

Matrix: (soil/water) SOIL Lab Sample ID: 0901437-009A

Sample wt/vol: 5 (g/mL) G Lab File ID: V\F39800.D

Level: (low/med) LOW Date Received: 01/14/09

% Moisture: not dec. 5.1 Date Analyzed: 01/16/09

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: (µl) Soil Aliquot Volume: 0 (µL)

CONCENTRATION UNITS:

Number TICs found: 0 (µg/L or µg/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q

APPENDIX B
3/10/09 Endpoint Sample TCL VOCs Lab Reports

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-1

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC026

Matrix: (soil/water) SOIL Lab Sample ID: 0903319-001A

Sample wt/vol: 5 (g/mL) G Lab File ID: 09\G0656.D

Level: (low/med) LOW Date Received: 03/10/09

% Moisture: not dec. 12.6 Date Analyzed: 03/17/09

GC Column: Rtx-624 ID: .18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (µL) Soil Aliquot Volume _____ (µL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG	Q
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene chloride	5	BJ
67-64-1	Acetone	11	
75-35-4	1,1-Dichloroethene	11	U
75-15-0	Carbon disulfide	11	U
75-34-3	1,1-Dichloroethane	11	U
540-59-0	1,2-Dichloroethene (total)	11	U
67-66-3	Chloroform	11	U
107-06-2	1,2-Dichloroethane	11	U
78-93-3	2-Butanone	11	U
71-55-6	1,1,1-Trichloroethane	11	U
56-23-5	Carbon tetrachloride	11	U
75-27-4	Bromodichloromethane	11	U
78-87-5	1,2-Dichloropropane	11	U
10061-01-5	cis-1,3-Dichloropropene	11	U
79-01-6	Trichloroethene	11	U
124-48-1	Dibromochloromethane	11	U
79-00-5	1,1,2-Trichloroethane	11	U
71-43-2	Benzene	11	U
10061-02-6	trans-1,3-Dichloropropene	11	U
75-25-2	Bromoform	11	U
108-10-1	4-Methyl-2-pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	760	E
79-34-5	1,1,2,2-Tetrachloroethane	11	U
108-88-3	Toluene	11	U
108-90-7	Chlorobenzene	11	U
100-41-4	Ethylbenzene	11	U
100-42-5	Styrene	11	U
1330-20-7	Xylene (total)	11	U

AFC026 S20

1F

EPA SAMPLE NO.

B-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC026

Matrix: (soil/water) SOIL Lab Sample ID: 0903319-001A

Sample wt/vol: 5 (g/mL) G Lab File ID: 09\G0656.D

Level: (low/med) LOW Date Received: 03/10/09

% Moisture: not dec. 12.6 Date Analyzed: 03/17/09

GC Column: Rtx-624 ID: .18 (mm) Dilution Factor: 1.00

Soil Extract Volume: (µl) Soil Aliquot Volume: 0 (µL)

CONCENTRATION UNITS:

Number TICs found: 2 (µg/L or µg/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q
1.	unknown Siloxane (17.11)	17.11	59	JX
2.	unknown Siloxane (18.95)	18.95	44	JX

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-1DL

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC026

Matrix: (soil/water) SOIL Lab Sample ID: 0903319-001ADL

Sample wt/vol: 4 (g/mL) G Lab File ID: A\A63839.D

Level: (low/med) MED Date Received: 03/10/09

% Moisture: not dec. 12.6 Date Analyzed: 03/18/09

GC Column: ZB-624 ID: .18 (mm) Dilution Factor: 20.00

Soil Extract Volume: 10000 (µL) Soil Aliquot Volume 100 (µL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG	Q
74-87-3	Chloromethane	29000	U
74-83-9	Bromomethane	29000	U
75-01-4	Vinyl chloride	29000	U
75-00-3	Chloroethane	29000	U
75-09-2	Methylene chloride	2900	DJ
67-64-1	Acetone	29000	U
75-35-4	1,1-Dichloroethene	29000	U
75-15-0	Carbon disulfide	29000	U
75-34-3	1,1-Dichloroethane	29000	U
540-59-0	1,2-Dichloroethene (total)	29000	U
67-66-3	Chloroform	29000	U
107-06-2	1,2-Dichloroethane	29000	U
78-93-3	2-Butanone	29000	U
71-55-6	1,1,1-Trichloroethane	29000	U
56-23-5	Carbon tetrachloride	29000	U
75-27-4	Bromodichloromethane	29000	U
78-87-5	1,2-Dichloropropane	29000	U
10061-01-5	cis-1,3-Dichloropropene	29000	U
79-01-6	Trichloroethene	29000	U
124-48-1	Dibromochloromethane	29000	U
79-00-5	1,1,2-Trichloroethane	29000	U
71-43-2	Benzene	29000	U
10061-02-6	trans-1,3-Dichloropropene	29000	U
75-25-2	Bromoform	29000	U
108-10-1	4-Methyl-2-pentanone	29000	U
591-78-6	2-Hexanone	29000	U
127-18-4	Tetrachloroethene	400000	D
79-34-5	1,1,2,2-Tetrachloroethane	29000	U
108-88-3	Toluene	29000	U
108-90-7	Chlorobenzene	29000	U
100-41-4	Ethylbenzene	29000	U
100-42-5	Styrene	29000	U
1330-20-7	Xylene (total)	29000	U

AFC026 S22

1F

EPA SAMPLE NO.

B-1DL

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC026

Matrix: (soil/water) SOIL Lab Sample ID: 0903319-001ADL

Sample wt/vol: 4 (g/mL) G Lab File ID: A\A63839.D

Level: (low/med) MED Date Received: 03/10/09

% Moisture: not dec. 12.6 Date Analyzed: 03/18/09

GC Column: ZB-624 ID: .18 (mm) Dilution Factor: 20.00

Soil Extract Volume: 10000 (µl) Soil Aliquot Volume: 100 (µL)

Number TICs found: 0 CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q

AFC026 S23

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SW-2 END PT.

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC026

Matrix: (soil/water) SOIL Lab Sample ID: 0903319-003A

Sample wt/vol: 5 (g/mL) G Lab File ID: 09\G0667.D

Level: (low/med) LOW Date Received: 03/10/09

% Moisture: not dec. 16.7 Date Analyzed: 03/18/09

GC Column: Rtx-624 ID: .18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (µL) Soil Aliquot Volume _____ (µL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG	Q
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	12	U
75-01-4	Vinyl chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene chloride	3	BJ
67-64-1	Acetone	12	U
75-35-4	1,1-Dichloroethene	12	U
75-15-0	Carbon disulfide	12	U
75-34-3	1,1-Dichloroethane	12	U
540-59-0	1,2-Dichloroethene (total)	12	U
67-66-3	Chloroform	12	U
107-06-2	1,2-Dichloroethane	12	U
78-93-3	2-Butanone	12	U
71-55-6	1,1,1-Trichloroethane	12	U
56-23-5	Carbon tetrachloride	12	U
75-27-4	Bromodichloromethane	12	U
78-87-5	1,2-Dichloropropane	12	U
10061-01-5	cis-1,3-Dichloropropene	12	U
79-01-6	Trichloroethene	12	U
124-48-1	Dibromochloromethane	12	U
79-00-5	1,1,2-Trichloroethane	12	U
71-43-2	Benzene	12	U
10061-02-6	trans-1,3-Dichloropropene	12	U
75-25-2	Bromoform	12	U
108-10-1	4-Methyl-2-pentanone	12	U
591-78-6	2-Hexanone	12	U
127-18-4	Tetrachloroethene	8	J
79-34-5	1,1,2,2-Tetrachloroethane	12	U
108-88-3	Toluene	12	U
108-90-7	Chlorobenzene	12	U
100-41-4	Ethylbenzene	12	U
100-42-5	Styrene	12	U
1330-20-7	Xylene (total)	12	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SW-2 END PT.

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC026

Matrix: (soil/water) SOIL Lab Sample ID: 0903319-003A

Sample wt/vol: 5 (g/mL) G Lab File ID: 09\G0667.D

Level: (low/med) LOW Date Received: 03/10/09

% Moisture: not dec. 16.7 Date Analyzed: 03/18/09

GC Column: Rtx-624 ID: .18 (mm) Dilution Factor: 1.00

Soil Extract Volume: (µl) Soil Aliquot Volume: 0 (µL)

CONCENTRATION UNITS:

Number TICs found: 0 (µg/L or µg/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q
1.	(DEL) Alkane: Branched	17.50	39	J

AFC026 S25

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SW-8 END PT.

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC026

Matrix: (soil/water) SOIL Lab Sample ID: 0903319-004A

Sample wt/vol: 5 (g/mL) G Lab File ID: 09\G0660.D

Level: (low/med) LOW Date Received: 03/10/09

% Moisture: not dec. 13.3 Date Analyzed: 03/17/09

GC Column: Rtx-624 ID: .18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (µL) Soil Aliquot Volume _____ (µL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG	Q
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	12	U
75-01-4	Vinyl chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene chloride	5	BJ
67-64-1	Acetone	11	J
75-35-4	1,1-Dichloroethene	12	U
75-15-0	Carbon disulfide	12	U
75-34-3	1,1-Dichloroethane	12	U
540-59-0	1,2-Dichloroethene (total)	12	U
67-66-3	Chloroform	12	U
107-06-2	1,2-Dichloroethane	12	U
78-93-3	2-Butanone	12	U
71-55-6	1,1,1-Trichloroethane	12	U
56-23-5	Carbon tetrachloride	12	U
75-27-4	Bromodichloromethane	12	U
78-87-5	1,2-Dichloropropane	12	U
10061-01-5	cis-1,3-Dichloropropene	12	U
79-01-6	Trichloroethene	12	U
124-48-1	Dibromochloromethane	12	U
79-00-5	1,1,2-Trichloroethane	12	U
71-43-2	Benzene	12	U
10061-02-6	trans-1,3-Dichloropropene	12	U
75-25-2	Bromoform	12	U
108-10-1	4-Methyl-2-pentanone	12	U
591-78-6	2-Hexanone	12	U
127-18-4	Tetrachloroethene	260	E
79-34-5	1,1,2,2-Tetrachloroethane	12	U
108-88-3	Toluene	12	U
108-90-7	Chlorobenzene	12	U
100-41-4	Ethylbenzene	12	U
100-42-5	Styrene	12	U
1330-20-7	Xylene (total)	3	J

AFC026 S26

1F

EPA SAMPLE NO.

SW-8 END PT.

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC026

Matrix: (soil/water) SOIL Lab Sample ID: 0903319-004A

Sample wt/vol: 5 (g/mL) G Lab File ID: 09\G0660.D

Level: (low/med) LOW Date Received: 03/10/09

% Moisture: not dec. 13.3 Date Analyzed: 03/17/09

GC Column: Rtx-624 ID: .18 (mm) Dilution Factor: 1.00

Soil Extract Volume: (µl) Soil Aliquot Volume: 0 (µL)

CONCENTRATION UNITS:

Number TICs found: 3 (µg/L or µg/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q
1.		unknown Siloxane (15.04)	15.04	25	JX
2.		unknown Siloxane (17.09)	17.09	63	JX
3.		unknown Siloxane (18.94)	18.94	60	JX

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SW-8 END PT.DL

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC026

Matrix: (soil/water) SOIL Lab Sample ID: 0903319-004ADL

Sample wt/vol: 5 (g/mL) G Lab File ID: 09\G0669.D

Level: (low/med) LOW Date Received: 03/10/09

% Moisture: not dec. 13.3 Date Analyzed: 03/18/09

GC Column: Rtx-624 ID: .18 (mm) Dilution Factor: 5.00

Soil Extract Volume: _____ (µL) Soil Aliquot Volume _____ (µL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG	Q
74-87-3	Chloromethane	58	U
74-83-9	Bromomethane	58	U
75-01-4	Vinyl chloride	58	U
75-00-3	Chloroethane	58	U
75-09-2	Methylene chloride	12	DBJ
67-64-1	Acetone	58	U
75-35-4	1,1-Dichloroethene	58	U
75-15-0	Carbon disulfide	58	U
75-34-3	1,1-Dichloroethane	58	U
540-59-0	1,2-Dichloroethene (total)	58	U
67-66-3	Chloroform	58	U
107-06-2	1,2-Dichloroethane	58	U
78-93-3	2-Butanone	58	U
71-55-6	1,1,1-Trichloroethane	58	U
56-23-5	Carbon tetrachloride	58	U
75-27-4	Bromodichloromethane	58	U
78-87-5	1,2-Dichloropropane	58	U
10061-01-5	cis-1,3-Dichloropropene	58	U
79-01-6	Trichloroethene	58	U
124-48-1	Dibromochloromethane	58	U
79-00-5	1,1,2-Trichloroethane	58	U
71-43-2	Benzene	58	U
10061-02-6	trans-1,3-Dichloropropene	58	U
75-25-2	Bromoform	58	U
108-10-1	4-Methyl-2-pentanone	58	U
591-78-6	2-Hexanone	58	U
127-18-4	Tetrachloroethene	570	D
79-34-5	1,1,2,2-Tetrachloroethane	58	U
108-88-3	Toluene	58	U
108-90-7	Chlorobenzene	58	U
100-41-4	Ethylbenzene	58	U
100-42-5	Styrene	58	U
1330-20-7	Xylene (total)	58	U

AFC026 S28

1F

EPA SAMPLE NO.

SW-8 END PT.DL

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC026

Matrix: (soil/water) SOIL Lab Sample ID: 0903319-004ADL

Sample wt/vol: 5 . (g/mL) G Lab File ID: 09\G0669.D

Level: (low/med) LOW Date Received: 03/10/09

% Moisture: not dec. 13.3 Date Analyzed: 03/18/09

GC Column: Rtx-624 ID: .18 (mm) Dilution Factor: 5.00

Soil Extract Volume: (µl) Soil Aliquot Volume: 0 (µL)

CONCENTRATION UNITS:

Number TICs found: 0 (µg/L or µg/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SW-8A END PT.

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC026

Matrix: (soil/water) SOIL Lab Sample ID: 0903319-005A

Sample wt/vol: 5 (g/mL) G Lab File ID: 09\G0661.D

Level: (low/med) LOW Date Received: 03/10/09

% Moisture: not dec. 6.92 Date Analyzed: 03/17/09

GC Column: Rtx-624 ID: .18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (µL) Soil Aliquot Volume _____ (µL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG	Q
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene chloride	3	BJ
67-64-1	Acetone	11	U
75-35-4	1,1-Dichloroethene	11	U
75-15-0	Carbon disulfide	11	U
75-34-3	1,1-Dichloroethane	11	U
540-59-0	1,2-Dichloroethene (total)	11	U
67-66-3	Chloroform	11	U
107-06-2	1,2-Dichloroethane	11	U
78-93-3	2-Butanone	11	U
71-55-6	1,1,1-Trichloroethane	11	U
56-23-5	Carbon tetrachloride	11	U
75-27-4	Bromodichloromethane	11	U
78-87-5	1,2-Dichloropropane	11	U
10061-01-5	cis-1,3-Dichloropropene	11	U
79-01-6	Trichloroethene	11	U
124-48-1	Dibromochloromethane	11	U
79-00-5	1,1,2-Trichloroethane	11	U
71-43-2	Benzene	11	U
10061-02-6	trans-1,3-Dichloropropene	11	U
75-25-2	Bromoform	11	U
108-10-1	4-Methyl-2-pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	160	
79-34-5	1,1,2,2-Tetrachloroethane	11	U
108-88-3	Toluene	3	J
108-90-7	Chlorobenzene	11	U
100-41-4	Ethylbenzene	11	U
100-42-5	Styrene	2	J
1330-20-7	Xylene (total)	9	J

AFC026 S30

1F

EPA SAMPLE NO.

SW-8A END PT.

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC026

Matrix: (soil/water) SOIL Lab Sample ID: 0903319-005A

Sample wt/vol: 5 (g/mL) G Lab File ID: 09\G0661.D

Level: (low/med) LOW Date Received: 03/10/09

% Moisture: not dec. 6.92 Date Analyzed: 03/17/09

GC Column: Rtx-624 ID: .18 (mm) Dilution Factor: 1.00

Soil Extract Volume: (µl) Soil Aliquot Volume: 0 (µL)

CONCENTRATION UNITS:

Number TICs found: 0 (µg/L or µg/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q

APPENDIX C
4/16/09 Endpoint Sample TCL VOCs Lab Reports

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B1ENDPT14.5'

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC029

Matrix: (soil/water) SOIL Lab Sample ID: 0904705-001A

Sample wt/vol: 5 (g/mL) G Lab File ID: 09\G1173.D

Level: (low/med) LOW Date Received: 04/16/09

% Moisture: not dec. 11.7 Date Analyzed: 04/17/09

GC Column: .Rtx-624 ID: .18 (mm) Dilution Factor: 1.00

Soil Extract Volume: (µL) Soil Aliquot Volume (µL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG	Q
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene chloride	7	BJ
67-64-1	Acetone	11	U
75-35-4	1,1-Dichloroethene	11	U
75-15-0	Carbon disulfide	11	U
75-34-3	1,1-Dichloroethane	11	U
540-59-0	1,2-Dichloroethene (total)	11	U
67-66-3	Chloroform	11	U
107-06-2	1,2-Dichloroethane	11	U
78-93-3	2-Butanone	11	U
71-55-6	1,1,1-Trichloroethane	11	U
56-23-5	Carbon tetrachloride	11	U
75-27-4	Bromodichloromethane	11	U
78-87-5	1,2-Dichloropropane	11	U
10061-01-5	cis-1,3-Dichloropropene	11	U
79-01-6	Trichloroethene	11	U
124-48-1	Dibromochloromethane	11	U
79-00-5	1,1,2-Trichloroethane	11	U
71-43-2	Benzene	11	U
10061-02-6	trans-1,3-Dichloropropene	11	U
75-25-2	Bromoform	11	U
108-10-1	4-Methyl-2-pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	2	J
79-34-5	1,1,2,2-Tetrachloroethane	11	U
108-88-3	Toluene	11	U
108-90-7	Chlorobenzene	11	U
100-41-4	Ethylbenzene	11	U
100-42-5	Styrene	11	U
1330-20-7	Xylene (total)	11	U

AFC029 S14

1F

EPA SAMPLE NO.

B1ENDPT14.5'

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC029

Matrix: (soil/water) SOIL Lab Sample ID: 0904705-001A

Sample wt/vol: 5 (g/mL) G Lab File ID: 09\G1173.D

Level: (low/med) LOW Date Received: 04/16/09

% Moisture: not dec. 11.7 Date Analyzed: 04/17/09

GC Column: Rtx-624 ID: .18 (mm) Dilution Factor: 1.00

Soil Extract Volume: (µl) Soil Aliquot Volume: 0 (µL)

CONCENTRATION UNITS:

Number TICs found: 0 (µg/L or µg/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q

AFC029 S15

APPENDIX D
1/21/09 Endpoint Sample TCL SVOCs Lab Reports

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DW-1

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC025

Matrix: (soil/water) SOIL Lab Sample ID: 0901622-001A

Sample wt/vol: 15 (g/mL) G Lab File ID: A\C44736.D

Level: (low/med) LOW Date Received: 01/21/09

% Moisture: 9.43 Decanted: (Y/N) N Date Extracted: 01/22/09

Concentrated Extract Volume: 500 (µL) Date Analyzed: 01/27/09

Injection Volume: 2 (µL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.0 Extraction: (Type) PFEX

CAS NO.	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG	Q
108-95-2	Phenol	360	U
111-44-4	Bis(2-chloroethyl)ether	360	U
95-57-8	2-Chlorophenol	360	U
541-73-1	1,3-Dichlorobenzene	360	U
106-46-7	1,4-Dichlorobenzene	360	U
95-50-1	1,2-Dichlorobenzene	360	U
95-48-7	2-Methylphenol	360	U
108-60-1	2,2'-oxybis(1-chloropropane)	360	U
106-44-5	4-Methylphenol	360	U
621-64-7	N-Nitroso-di-n-propylamine	360	U
67-72-1	Hexachloroethane	360	U
98-95-3	Nitrobenzene	360	U
78-59-1	Isophorone	360	U
88-75-5	2-Nitrophenol	360	U
105-67-9	2,4-Dimethylphenol	360	U
111-91-1	Bis(2-chloroethoxy)methane	360	U
120-83-2	2,4-Dichlorophenol	360	U
120-82-1	1,2,4-Trichlorobenzene	360	U
91-20-3	Naphthalene	360	U
106-47-8	4-Chloroaniline	360	U
87-68-3	Hexachlorobutadiene	360	U
59-50-7	4-Chloro-3-methylphenol	360	U
91-57-6	2-Methylnaphthalene	360	U
77-47-4	Hexachlorocyclopentadiene	360	U
88-06-2	2,4,6-Trichlorophenol	360	U
95-95-4	2,4,5-Trichlorophenol	920	U
91-58-7	2-Chloronaphthalene	360	U
88-74-4	2-Nitroaniline	920	U
131-11-3	Dimethylphthalate	360	U
208-96-8	Acenaphthylene	360	U
606-20-2	2,6-Dinitrotoluene	360	U
99-09-2	3-Nitroaniline	920	U
83-32-9	Acenaphthene	360	U
51-28-5	2,4-Dinitrophenol	920	U
100-02-7	4-Nitrophenol	920	U
132-64-9	Dibenzofuran	360	U

1D

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

DW-1

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC025

Matrix: (soil/water) SOIL Lab Sample ID: 0901622-001A

Sample wt/vol: 15 (g/mL) G Lab File ID: A\C44736.D

Level: (low/med) LOW Date Received: 01/21/09

% Moisture: 9.43 Decanted: (Y/N) N Date Extracted: 01/22/09

Concentrated Extract Volume: 500 (µL) Date Analyzed: 01/27/09

Injection Volume: 2 (µL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.0 Extraction: (Type) PFEX

CAS NO.	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG	Q
121-14-2	2,4-Dinitrotoluene	360	U
84-66-2	Diethylphthalate	360	U
7005-72-3	4-Chlorophenyl-phenylether	360	U
86-73-7	Fluorene	360	U
100-01-6	4-Nitroaniline	920	U
534-52-1	4,6-Dinitro-2-methylphenol	920	U
86-30-6	N-Nitrosodiphenylamine	360	U
101-55-3	4-Bromophenyl-phenylether	360	U
118-74-1	Hexachlorobenzene	360	U
87-86-5	Pentachlorophenol	920	U
85-01-8	Phenanthrene	220	J
120-12-7	Anthracene	360	U
86-74-8	Carbazole	360	U
84-74-2	Di-n-butyl phthalate	360	U
206-44-0	Fluoranthene	380	
129-00-0	Pyrene	310	J
85-68-7	Butyl benzyl phthalate	360	U
91-94-1	3,3'-Dichlorobenzidine	360	U
56-55-3	Benzo(a)anthracene	150	J
218-01-9	Chrysene	180	J
117-81-7	Bis(2-ethylhexyl)phthalate	91	BJ
117-84-0	Di-n-octyl phthalate	360	U
205-99-2	Benzo(b)fluoranthene	200	J
207-08-9	Benzo(k)fluoranthene	130	J
50-32-8	Benzo(a)pyrene	130	J
193-39-5	Indeno(1,2,3-cd)pyrene	360	U
53-70-3	Dibenzo(a,h)anthracene	360	U
191-24-2	Benzo(g,h,i)perylene	360	U

(1) Cannot be separated from Diphenylamine

1G

EPA SAMPLE NO.

DW-1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC025

Matrix: (soil/water) SOIL Lab Sample ID: 0901622-001A

Sample wt/vol: 15 (g/mL) G Lab File ID: A\C44736.D

Level: (low/med) LOW Date Received: 01/21/09

% Moisture: 9.43 Decanted:(Y/N) N Date Extracted: 01/22/09

Concentrated Extract Volume: 500 (µl) Date Analyzed: 01/27/09

Injection Volume: 2 (µl) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.0 Extraction: (Type) PFEX

Number TICs found: 4 CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q
1.	000141-79-7	3-Penten-2-one, 4-methyl-	3.22	1300	BJNA
2.	004161-60-8	2-Pentanone, 4-hydroxy-	3.39	430	BJNA
3.	000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.61	26000	BJNA
4.		c3 substituted benzene	4.06	630	BJ

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DW-1A

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC025

Matrix: (soil/water) SOIL Lab Sample ID: 0901622-002A

Sample wt/vol: 15 (g/mL) G Lab File ID: A\C44737.D

Level: (low/med) LOW Date Received: 01/21/09

% Moisture: 10.5 Decanted: (Y/N) N Date Extracted: 01/22/09

Concentrated Extract Volume: 500 (µL) Date Analyzed: 01/27/09

Injection Volume: 2 (µL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.0 Extraction: (Type) PFEX

CAS NO.	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG	Q
108-95-2	Phenol	370	U
111-44-4	Bis(2-chloroethyl)ether	370	U
95-57-8	2-Chlorophenol	370	U
541-73-1	1,3-Dichlorobenzene	370	U
106-46-7	1,4-Dichlorobenzene	370	U
95-50-1	1,2-Dichlorobenzene	370	U
95-48-7	2-Methylphenol	370	U
108-60-1	2,2'-oxybis(1-chloropropane)	370	U
106-44-5	4-Methylphenol	370	U
621-64-7	N-Nitroso-di-n-propylamine	370	U
67-72-1	Hexachloroethane	370	U
98-95-3	Nitrobenzene	370	U
78-59-1	Isophorone	370	U
88-75-5	2-Nitrophenol	370	U
105-67-9	2,4-Dimethylphenol	370	U
111-91-1	Bis(2-chloroethoxy)methane	370	U
120-83-2	2,4-Dichlorophenol	370	U
120-82-1	1,2,4-Trichlorobenzene	370	U
91-20-3	Naphthalene	370	U
106-47-8	4-Chloroaniline	370	U
87-68-3	Hexachlorobutadiene	370	U
59-50-7	4-Chloro-3-methylphenol	370	U
91-57-6	2-Methylnaphthalene	370	U
77-47-4	Hexachlorocyclopentadiene	370	U
88-06-2	2,4,6-Trichlorophenol	370	U
95-95-4	2,4,5-Trichlorophenol	930	U
91-58-7	2-Chloronaphthalene	370	U
88-74-4	2-Nitroaniline	930	U
131-11-3	Dimethylphthalate	370	U
208-96-8	Acenaphthylene	370	U
606-20-2	2,6-Dinitrotoluene	370	U
99-09-2	3-Nitroaniline	930	U
83-32-9	Acenaphthene	370	U
51-28-5	2,4-Dinitrophenol	930	U
100-02-7	4-Nitrophenol	930	U
132-64-9	Dibenzofuran	370	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DW-1A

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC025

Matrix: (soil/water) SOIL Lab Sample ID: 0901622-002A

Sample wt/vol: 15 (g/mL) G Lab File ID: A\C44737.D

Level: (low/med) LOW Date Received: 01/21/09

% Moisture: 10.5 Decanted: (Y/N) N Date Extracted: 01/22/09

Concentrated Extract Volume: 500 (µL) Date Analyzed: 01/27/09

Injection Volume: 2 (µL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.0 Extraction: (Type) PFEX

CAS NO.	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG	Q
121-14-2	2,4-Dinitrotoluene	370	U
84-66-2	Diethylphthalate	370	U
7005-72-3	4-Chlorophenyl-phenylether	370	U
86-73-7	Fluorene	370	U
100-01-6	4-Nitroaniline	930	U
534-52-1	4,6-Dinitro-2-methylphenol	930	U
86-30-6	N-Nitrosodiphenylamine	370	U
101-55-3	4-Bromophenyl-phenylether	370	U
118-74-1	Hexachlorobenzene	370	U
87-86-5	Pentachlorophenol	930	U
85-01-8	Phenanthrene	120	J
120-12-7	Anthracene	370	U
86-74-8	Carbazole	370	U
84-74-2	Di-n-butyl phthalate	95	BJ
206-44-0	Fluoranthene	270	J
129-00-0	Pyrene	280	J
85-68-7	Butyl benzyl phthalate	370	U
91-94-1	3,3´-Dichlorobenzidine	370	U
56-55-3	Benzo(a)anthracene	130	J
218-01-9	Chrysene	170	J
117-81-7	Bis(2-ethylhexyl)phthalate	150	BJ
117-84-0	Di-n-octyl phthalate	140	J
205-99-2	Benzo(b)fluoranthene	170	J
207-08-9	Benzo(k)fluoranthene	370	U
50-32-8	Benzo(a)pyrene	110	J
193-39-5	Indeno(1,2,3-cd)pyrene	370	U
53-70-3	Dibenzo(a,h)anthracene	370	U
191-24-2	Benzo(g,h,i)perylene	370	U

(1) Cannot be separated from Diphenylamine

1G

EPA SAMPLE NO.

DW-1A

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M LABS, INC. Contract: ____

Lab Code: 10478 Case No.: PCAFC SAS No.: ____ SDG No.: AFC025

Matrix: (soil/water) SOIL Lab Sample ID: 0901622-002A

Sample wt/vol: 15 (g/mL) G Lab File ID: A\C44737.D

Level: (low/med) LOW Date Received: 01/21/09

% Moisture: 10.5 Decanted:(Y/N) N Date Extracted: 01/22/09

Concentrated Extract Volume: 500 (µl) Date Analyzed: 01/27/09

Injection Volume: 2 (µl) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.0 Extraction: (Type) PFEX

Number TICs found: 14 CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q
1.	000141-79-7	3-Penten-2-one, 4-methyl-	3.22	1600	BJNA
2.	004161-60-8	2-Pentanone, 4-hydroxy-	3.38	430	BJNA
3.	000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.60	26000	BJNA
4.		c3 substituted benzene	4.07	570	BJ
5.		substituted PNA (14.49)	14.49	160	J
6.	000301-02-0	9-Octadecenamide, (Z)-	14.82	220	JN
7.		substituted PNA (15.53)	15.53	190	J
8.		unknown (15.59)	15.59	340	J
9.		unknown (15.66)	15.66	390	J
10.		unknown (15.73)	15.73	620	J
11.		unknown (15.9)	15.90	320	J
12.		unknown (15.96)	15.96	210	J
13.		unknown (16.16)	16.16	230	J
14.		unknown (17.16)	17.16	330	J

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DW-1A RE

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC025

Matrix: (soil/water) SOIL Lab Sample ID: 0901622-002ARE

Sample wt/vol: 15 (g/mL) G Lab File ID: A\C44746.D

Level: (low/med) LOW Date Received: 01/21/09

% Moisture: 10.5 Decanted: (Y/N) N Date Extracted: 01/22/09

Concentrated Extract Volume: 500 (µL) Date Analyzed: 01/27/09

Injection Volume: 2 (µL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.0 Extraction: (Type) PFEX

CAS NO.	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG	Q
108-95-2	Phenol	370	U
111-44-4	Bis(2-chloroethyl)ether	370	U
95-57-8	2-Chlorophenol	370	U
541-73-1	1,3-Dichlorobenzene	370	U
106-46-7	1,4-Dichlorobenzene	370	U
95-50-1	1,2-Dichlorobenzene	370	U
95-48-7	2-Methylphenol	370	U
108-60-1	2,2'-oxybis(1-chloropropane)	370	U
106-44-5	4-Methylphenol	370	U
621-64-7	N-Nitroso-di-n-propylamine	370	U
67-72-1	Hexachloroethane	370	U
98-95-3	Nitrobenzene	370	U
78-59-1	Isophorone	370	U
88-75-5	2-Nitrophenol	370	U
105-67-9	2,4-Dimethylphenol	370	U
111-91-1	Bis(2-chloroethoxy)methane	370	U
120-83-2	2,4-Dichlorophenol	370	U
120-82-1	1,2,4-Trichlorobenzene	370	U
91-20-3	Naphthalene	370	U
106-47-8	4-Chloroaniline	370	U
87-68-3	Hexachlorobutadiene	370	U
59-50-7	4-Chloro-3-methylphenol	370	U
91-57-6	2-Methylnaphthalene	370	U
77-47-4	Hexachlorocyclopentadiene	370	U
88-06-2	2,4,6-Trichlorophenol	370	U
95-95-4	2,4,5-Trichlorophenol	930	U
91-58-7	2-Chloronaphthalene	370	U
88-74-4	2-Nitroaniline	930	U
131-11-3	Dimethylphthalate	370	U
208-96-8	Acenaphthylene	370	U
606-20-2	2,6-Dinitrotoluene	370	U
99-09-2	3-Nitroaniline	930	U
83-32-9	Acenaphthene	370	U
51-28-5	2,4-Dinitrophenol	930	U
100-02-7	4-Nitrophenol	930	U
132-64-9	Dibenzofuran	370	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DW-1A RE

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC025

Matrix: (soil/water) SOIL Lab Sample ID: 0901622-002ARE

Sample wt/vol: 15 (g/mL) G Lab File ID: A\C44746.D

Level: (low/med) LOW Date Received: 01/21/09

% Moisture: 10.5 Decanted: (Y/N) N Date Extracted: 01/22/09

Concentrated Extract Volume: 500 (µL) Date Analyzed: 01/27/09

Injection Volume: 2 (µL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.0 Extraction: (Type) PFEX

CAS NO.	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG	Q
121-14-2	2,4-Dinitrotoluene	370	U
84-66-2	Diethylphthalate	370	U
7005-72-3	4-Chlorophenyl-phenylether	370	U
86-73-7	Fluorene	370	U
100-01-6	4-Nitroaniline	930	U
534-52-1	4,6-Dinitro-2-methylphenol	930	U
86-30-6	N-Nitrosodiphenylamine	370	U
101-55-3	4-Bromophenyl-phenylether	370	U
118-74-1	Hexachlorobenzene	370	U
87-86-5	Pentachlorophenol	930	U
85-01-8	Phenanthrene	120	J
120-12-7	Anthracene	370	U
86-74-8	Carbazole	370	U
84-74-2	Di-n-butyl phthalate	92	BJ
206-44-0	Fluoranthene	270	J
129-00-0	Pyrene	280	J
85-68-7	Butyl benzyl phthalate	370	U
91-94-1	3,3´-Dichlorobenzidine	370	U
56-55-3	Benzo(a)anthracene	130	J
218-01-9	Chrysene	170	J
117-81-7	Bis(2-ethylhexyl)phthalate	150	BJ
117-84-0	Di-n-octyl phthalate	140	J
205-99-2	Benzo(b)fluoranthene	190	J
207-08-9	Benzo(k)fluoranthene	370	U
50-32-8	Benzo(a)pyrene	110	J
193-39-5	Indeno(1,2,3-cd)pyrene	370	U
53-70-3	Dibenzo(a,h)anthracene	370	U
191-24-2	Benzo(g,h,i)perylene	370	U

(1) Cannot be separated from Diphenylamine

1G

EPA SAMPLE NO.

DW-1A RE

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M LABS, INC. Contract: ____

Lab Code: 10478 Case No.: PCAFC SAS No.: ____ SDG No.: AFC025

Matrix: (soil/water) SOIL Lab Sample ID: 0901622-002ARE

Sample wt/vol: 15 (g/mL) G Lab File ID: A\C44746.D

Level: (low/med) LOW Date Received: 01/21/09

% Moisture: 10.5 Decanted:(Y/N) N Date Extracted: 01/22/09

Concentrated Extract Volume: 500 (µl) Date Analyzed: 01/27/09

Injection Volume: 2 (µl) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.0 Extraction: (Type) PFEX

CONCENTRATION UNITS:

Number TICs found: 10 (µg/L or µg/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q
1.	000141-79-7	3-Penten-2-one, 4-methyl-	3.22	1600	BJNA
2.	004161-60-8	2-Pentanone, 4-hydroxy-	3.38	430	BJNA
3.	000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.61	27000	BJNA
4.		c3 substituted benzene	4.06	570	BJ
5.	000301-02-0	9-Octadecenamide, (Z)-	14.82	170	JN
6.		unknown (15.59)	15.59	250	J
7.		unknown (15.66)	15.66	210	J
8.		unknown (15.74)	15.74	310	J
9.		unknown (16.51)	16.51	180	J
10.		unknown (16.58)	16.58	190	J

AFC025 S24

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DW-2

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC025

Matrix: (soil/water) SOIL Lab Sample ID: 0901622-003A

Sample wt/vol: 15 (g/mL) G Lab File ID: A\C44738.D

Level: (low/med) LOW Date Received: 01/21/09

% Moisture: 10.1 Decanted: (Y/N) N Date Extracted: 01/22/09

Concentrated Extract Volume: 500 (µL) Date Analyzed: 01/27/09

Injection Volume: 2 (µL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.0 Extraction: (Type) PFEX

CAS NO.	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG	Q
108-95-2	Phenol	83	BJ
111-44-4	Bis(2-chloroethyl)ether	370	U
95-57-8	2-Chlorophenol	370	U
541-73-1	1,3-Dichlorobenzene	370	U
106-46-7	1,4-Dichlorobenzene	370	U
95-50-1	1,2-Dichlorobenzene	370	U
95-48-7	2-Methylphenol	370	U
108-60-1	2,2´-oxybis(1-chloropropane)	370	U
106-44-5	4-Methylphenol	370	U
621-64-7	N-Nitroso-di-n-propylamine	370	U
67-72-1	Hexachloroethane	370	U
98-95-3	Nitrobenzene	370	U
78-59-1	Isophorone	370	U
88-75-5	2-Nitrophenol	370	U
105-67-9	2,4-Dimethylphenol	370	U
111-91-1	Bis(2-chloroethoxy)methane	370	U
120-83-2	2,4-Dichlorophenol	370	U
120-82-1	1,2,4-Trichlorobenzene	370	U
91-20-3	Naphthalene	180	J
106-47-8	4-Chloroaniline	370	U
87-68-3	Hexachlorobutadiene	370	U
59-50-7	4-Chloro-3-methylphenol	370	U
91-57-6	2-Methylnaphthalene	160	J
77-47-4	Hexachlorocyclopentadiene	370	U
88-06-2	2,4,6-Trichlorophenol	370	U
95-95-4	2,4,5-Trichlorophenol	920	U
91-58-7	2-Chloronaphthalene	370	U
88-74-4	2-Nitroaniline	920	U
131-11-3	Dimethylphthalate	370	U
208-96-8	Acenaphthylene	370	U
606-20-2	2,6-Dinitrotoluene	370	U
99-09-2	3-Nitroaniline	920	U
83-32-9	Acenaphthene	370	U
51-28-5	2,4-Dinitrophenol	920	U
100-02-7	4-Nitrophenol	920	U
132-64-9	Dibenzofuran	370	U

1D

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

DW-2

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC025

Matrix: (soil/water) SOIL Lab Sample ID: 0901622-003A

Sample wt/vol: 15 (g/mL) G Lab File ID: A\C44738.D

Level: (low/med) LOW Date Received: 01/21/09

% Moisture: 10.1 Decanted: (Y/N) N Date Extracted: 01/22/09

Concentrated Extract Volume: 500 (µL) Date Analyzed: 01/27/09

Injection Volume: 2 (µL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.0 Extraction: (Type) PFEX

CAS NO.	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG	Q
121-14-2	2,4-Dinitrotoluene	370	U
84-66-2	Diethylphthalate	370	U
7005-72-3	4-Chlorophenyl-phenylether	370	U
86-73-7	Fluorene	370	U
100-01-6	4-Nitroaniline	920	U
534-52-1	4,6-Dinitro-2-methylphenol	920	U
86-30-6	N-Nitrosodiphenylamine	370	U
101-55-3	4-Bromophenyl-phenylether	370	U
118-74-1	Hexachlorobenzene	370	U
87-86-5	Pentachlorophenol	920	U
85-01-8	Phenanthrene	120	J
120-12-7	Anthracene	370	U
86-74-8	Carbazole	370	U
84-74-2	Di-n-butyl phthalate	370	U
206-44-0	Fluoranthene	90	J
129-00-0	Pyrene	120	J
85-68-7	Butyl benzyl phthalate	370	U
91-94-1	3,3´-Dichlorobenzidine	370	U
56-55-3	Benzo(a)anthracene	79	J
218-01-9	Chrysene	370	U
117-81-7	Bis(2-ethylhexyl)phthalate	88	BJ
117-84-0	Di-n-octyl phthalate	370	U
205-99-2	Benzo(b)fluoranthene	370	U
207-08-9	Benzo(k)fluoranthene	370	U
50-32-8	Benzo(a)pyrene	370	U
193-39-5	Indeno(1,2,3-cd)pyrene	370	U
53-70-3	Dibenzo(a,h)anthracene	370	U
191-24-2	Benzo(g,h,i)perylene	370	U

(1) Cannot be separated from Diphenylamine

1G

EPA SAMPLE NO.

DW-2

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC025

Matrix: (soil/water) SOIL Lab Sample ID: 0901622-003A

Sample wt/vol: 15 (g/mL) G Lab File ID: A\C44738.D

Level: (low/med) LOW Date Received: 01/21/09

% Moisture: 10.1 Decanted:(Y/N) N Date Extracted: 01/22/09

Concentrated Extract Volume: 500 (µl) Date Analyzed: 01/27/09

Injection Volume: 2 (µl) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.0 Extraction: (Type) PFEX

CONCENTRATION UNITS:

Number TICs found: 5 (µg/L or µg/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q
1. 000141-79-7	3-Penten-2-one, 4-methyl-	3.22	990	BJNA
2. 004161-60-8	2-Pentanone, 4-hydroxy-	3.38	370	BJNA
3. 000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.59	22000	BJNA
4.	c3 substituted benzene	4.06	690	BJ
5. 000112-84-5	Erucylamide	15.85	190	BJN

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PT-BASE

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC025

Matrix: (soil/water) SOIL Lab Sample ID: 0901622-004A

Sample wt/vol: 15 (g/mL) G Lab File ID: A\C44739.D

Level: (low/med) LOW Date Received: 01/21/09

% Moisture: 3.26 Decanted: (Y/N) N Date Extracted: 01/22/09

Concentrated Extract Volume: 500 (µL) Date Analyzed: 01/27/09

Injection Volume: 2 (µL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.0 Extraction: (Type) PFEX

CAS NO.	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG	Q
108-95-2	Phenol	340	U
111-44-4	Bis(2-chloroethyl)ether	340	U
95-57-8	2-Chlorophenol	340	U
541-73-1	1,3-Dichlorobenzene	340	U
106-46-7	1,4-Dichlorobenzene	340	U
95-50-1	1,2-Dichlorobenzene	340	U
95-48-7	2-Methylphenol	340	U
108-60-1	2,2´-oxybis(1-chloropropane)	340	U
106-44-5	4-Methylphenol	340	U
621-64-7	N-Nitroso-di-n-propylamine	340	U
67-72-1	Hexachloroethane	340	U
98-95-3	Nitrobenzene	340	U
78-59-1	Isophorone	340	U
88-75-5	2-Nitrophenol	340	U
105-67-9	2,4-Dimethylphenol	340	U
111-91-1	Bis(2-chloroethoxy)methane	340	U
120-83-2	2,4-Dichlorophenol	340	U
120-82-1	1,2,4-Trichlorobenzene	340	U
91-20-3	Naphthalene	340	U
106-47-8	4-Chloroaniline	340	U
87-68-3	Hexachlorobutadiene	340	U
59-50-7	4-Chloro-3-methylphenol	340	U
91-57-6	2-Methylnaphthalene	340	U
77-47-4	Hexachlorocyclopentadiene	340	U
88-06-2	2,4,6-Trichlorophenol	340	U
95-95-4	2,4,5-Trichlorophenol	860	U
91-58-7	2-Chloronaphthalene	340	U
88-74-4	2-Nitroaniline	860	U
131-11-3	Dimethylphthalate	340	U
208-96-8	Acenaphthylene	340	U
606-20-2	2,6-Dinitrotoluene	340	U
99-09-2	3-Nitroaniline	860	U
83-32-9	Acenaphthene	340	U
51-28-5	2,4-Dinitrophenol	860	U
100-02-7	4-Nitrophenol	860	U
132-64-9	Dibenzofuran	340	U

1D

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

PT-BASE

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC025

Matrix: (soil/water) SOIL Lab Sample ID: 0901622-004A

Sample wt/vol: 15 (g/mL) G Lab File ID: A\C44739.D

Level: (low/med) LOW Date Received: 01/21/09

% Moisture: 3.26 Decanted: (Y/N) N Date Extracted: 01/22/09

Concentrated Extract Volume: 500 (µL) Date Analyzed: 01/27/09

Injection Volume: 2 (µL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.0 Extraction: (Type) PFEX

CAS NO.	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG	Q
121-14-2	2,4-Dinitrotoluene	340	U
84-66-2	Diethylphthalate	340	U
7005-72-3	4-Chlorophenyl-phenylether	340	U
86-73-7	Fluorene	340	U
100-01-6	4-Nitroaniline	860	U
534-52-1	4,6-Dinitro-2-methylphenol	860	U
86-30-6	N-Nitrosodiphenylamine	340	U
101-55-3	4-Bromophenyl-phenylether	340	U
118-74-1	Hexachlorobenzene	340	U
87-86-5	Pentachlorophenol	860	U
85-01-8	Phenanthrene	340	U
120-12-7	Anthracene	340	U
86-74-8	Carbazole	340	U
84-74-2	Di-n-butyl phthalate	340	U
206-44-0	Fluoranthene	340	U
129-00-0	Pyrene	340	U
85-68-7	Butyl benzyl phthalate	340	U
91-94-1	3,3´-Dichlorobenzidine	340	U
56-55-3	Benzo(a)anthracene	340	U
218-01-9	Chrysene	340	U
117-81-7	Bis(2-ethylhexyl)phthalate	120	BJ
117-84-0	Di-n-octyl phthalate	340	U
205-99-2	Benzo(b)fluoranthene	340	U
207-08-9	Benzo(k)fluoranthene	340	U
50-32-8	Benzo(a)pyrene	340	U
193-39-5	Indeno(1,2,3-cd)pyrene	340	U
53-70-3	Dibenzo(a,h)anthracene	340	U
191-24-2	Benzo(g,h,i)perylene	340	U

(1) Cannot be separated from Diphenylamine

1G

EPA SAMPLE NO.

PT-BASE

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M LABS, INC. Contract: ____

Lab Code: 10478 Case No.: PCAFC SAS No.: ____ SDG No.: AFC025

Matrix: (soil/water) SOIL Lab Sample ID: 0901622-004A

Sample wt/vol: 15 (g/mL) G Lab File ID: A\C44739.D

Level: (low/med) LOW Date Received: 01/21/09

% Moisture: 3.26 Decanted:(Y/N) N Date Extracted: 01/22/09

Concentrated Extract Volume: 500 (µl) Date Analyzed: 01/27/09

Injection Volume: 2 (µl) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.0 Extraction: (Type) PFEX

CONCENTRATION UNITS:

Number TICs found: 6 (µg/L or µg/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q
1.	003744-02-3	4-Penten-2-one, 4-methyl-	2.86	830	JNA
2.	000141-79-7	3-Penten-2-one, 4-methyl-	3.26	23000	BJNA
3.	000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.76	100000	BJNA
4.		c3 substituted benzene	4.08	850	BJ
5.	000504-20-1	2,5-Heptadien-4-one, 2,6-dimethyl-	5.53	390	JN
6.		unknown	5.85	1100	J

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PT-E.WALL

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC025

Matrix: (soil/water) SOIL Lab Sample ID: 0901622-005A

Sample wt/vol: 15 (g/mL) G Lab File ID: A\C44740.D

Level: (low/med) LOW Date Received: 01/21/09

% Moisture: 11.2 Decanted: (Y/N) N Date Extracted: 01/22/09

Concentrated Extract Volume: 500 (µL) Date Analyzed: 01/27/09

Injection Volume: 2 (µL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.0 Extraction: (Type) PFEX

CAS NO.	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG	Q
108-95-2	Phenol	370	U
111-44-4	Bis(2-chloroethyl)ether	370	U
95-57-8	2-Chlorophenol	370	U
541-73-1	1,3-Dichlorobenzene	370	U
106-46-7	1,4-Dichlorobenzene	370	U
95-50-1	1,2-Dichlorobenzene	370	U
95-48-7	2-Methylphenol	370	U
108-60-1	2,2'-oxybis(1-chloropropane)	370	U
106-44-5	4-Methylphenol	370	U
621-64-7	N-Nitroso-di-n-propylamine	370	U
67-72-1	Hexachloroethane	370	U
98-95-3	Nitrobenzene	370	U
78-59-1	Isophorone	370	U
88-75-5	2-Nitrophenol	370	U
105-67-9	2,4-Dimethylphenol	370	U
111-91-1	Bis(2-chloroethoxy)methane	370	U
120-83-2	2,4-Dichlorophenol	370	U
120-82-1	1,2,4-Trichlorobenzene	370	U
91-20-3	Naphthalene	370	U
106-47-8	4-Chloroaniline	370	U
87-68-3	Hexachlorobutadiene	370	U
59-50-7	4-Chloro-3-methylphenol	370	U
91-57-6	2-Methylnaphthalene	370	U
77-47-4	Hexachlorocyclopentadiene	370	U
88-06-2	2,4,6-Trichlorophenol	370	U
95-95-4	2,4,5-Trichlorophenol	930	U
91-58-7	2-Chloronaphthalene	370	U
88-74-4	2-Nitroaniline	930	U
131-11-3	Dimethylphthalate	370	U
208-96-8	Acenaphthylene	370	U
606-20-2	2,6-Dinitrotoluene	370	U
99-09-2	3-Nitroaniline	930	U
83-32-9	Acenaphthene	160	J
51-28-5	2,4-Dinitrophenol	930	U
100-02-7	4-Nitrophenol	930	U
132-64-9	Dibenzofuran	370	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PT-E.WALL

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC025

Matrix: (soil/water) SOIL Lab Sample ID: 0901622-005A

Sample wt/vol: 15 (g/mL) G Lab File ID: A\C44740.D

Level: (low/med) LOW Date Received: 01/21/09

% Moisture: 11.2 Decanted: (Y/N) N Date Extracted: 01/22/09

Concentrated Extract Volume: 500 (µL) Date Analyzed: 01/27/09

Injection Volume: 2 (µL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.0 Extraction: (Type) PFEX

CAS NO.	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG	Q
121-14-2	2,4-Dinitrotoluene	370	U
84-66-2	Diethylphthalate	370	U
7005-72-3	4-Chlorophenyl-phenylether	370	U
86-73-7	Fluorene	130	J
100-01-6	4-Nitroaniline	930	U
534-52-1	4,6-Dinitro-2-methylphenol	930	U
86-30-6	N-Nitrosodiphenylamine	370	U
101-55-3	4-Bromophenyl-phenylether	370	U
118-74-1	Hexachlorobenzene	370	U
87-86-5	Pentachlorophenol	930	U
85-01-8	Phenanthrene	1300	
120-12-7	Anthracene	320	J
86-74-8	Carbazole	250	J
84-74-2	Di-n-butyl phthalate	77	BJ
206-44-0	Fluoranthene	2600	
129-00-0	Pyrene	2400	
85-68-7	Butyl benzyl phthalate	370	U
91-94-1	3,3´-Dichlorobenzidine	370	U
56-55-3	Benzo(a)anthracene	1300	
218-01-9	Chrysene	1500	
117-81-7	Bis(2-ethylhexyl)phthalate	260	BJ
117-84-0	Di-n-octyl phthalate	370	U
205-99-2	Benzo(b)fluoranthene	2000	
207-08-9	Benzo(k)fluoranthene	700	
50-32-8	Benzo(a)pyrene	1300	
193-39-5	Indeno(1,2,3-cd)pyrene	550	
53-70-3	Dibenzo(a,h)anthracene	120	J
191-24-2	Benzo(g,h,i)perylene	440	

(1) Cannot be separated from Diphenylamine

1G

EPA SAMPLE NO.

PT-E.WALL

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC025

Matrix: (soil/water) SOIL Lab Sample ID: 0901622-005A

Sample wt/vol: 15 (g/mL) G Lab File ID: A\C44740.D

Level: (low/med) LOW Date Received: 01/21/09

% Moisture: 11.2 Decanted:(Y/N) N Date Extracted: 01/22/09

Concentrated Extract Volume: 500 (µl) Date Analyzed: 01/27/09

Injection Volume: 2 (µl) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.0 Extraction: (Type) PFEX

CONCENTRATION UNITS:

Number TICs found: 17 (µg/L or µg/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q
1.	000127-18-4	Tetrachloroethylene	3.22	230	JN
2.	000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.56	7900	BJNA
3.		c3 substituted benzene	4.06	690	BJ
4.		substituted PNA (13.09)	13.09	150	J
5.		substituted PNA (13.13)	13.13	170	J
6.		unknown PNA (13.22)	13.22	260	J
7.	000084-65-1	9,10-Anthracenedione	13.49	290	JN
8.		11H-Benzofluorene isomer	14.49	210	JY
9.	000050-29-3	Chlorophenothane	14.86	180	JNY
10.		unknown PNA (15.05)	15.05	150	JY
11.		Benzocarbozole isomer	15.41	170	JY
12.		unknown (15.91)	15.91	230	J
13.		unknown (15.97)	15.97	240	J
14.	000205-99-2	Benz(e)pyrene	16.11	410	JN
15.		unknown (16.17)	16.17	450	J
16.		unknown (16.5)	16.50	170	J
17.		(DEL) Alkane: Branched	16.66	230	J
18.		unknown (17.2)	17.20	230	J

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PT-E.WALL RE

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC025

Matrix: (soil/water) SOIL Lab Sample ID: 0901622-005ARE

Sample wt/vol: 15 (g/mL) G Lab File ID: A\C44747.D

Level: (low/med) LOW Date Received: 01/21/09

% Moisture: 11.2 Decanted: (Y/N) N Date Extracted: 01/22/09

Concentrated Extract Volume: 500 (µL) Date Analyzed: 01/27/09

Injection Volume: 2 (µL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.0 Extraction: (Type) PFEX

CAS NO.	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG	Q
108-95-2	Phenol	370	U
111-44-4	Bis(2-chloroethyl)ether	370	U
95-57-8	2-Chlorophenol	370	U
541-73-1	1,3-Dichlorobenzene	370	U
106-46-7	1,4-Dichlorobenzene	370	U
95-50-1	1,2-Dichlorobenzene	370	U
95-48-7	2-Methylphenol	370	U
108-60-1	2,2'-oxybis(1-chloropropane)	370	U
106-44-5	4-Methylphenol	370	U
621-64-7	N-Nitroso-di-n-propylamine	370	U
67-72-1	Hexachloroethane	370	U
98-95-3	Nitrobenzene	370	U
78-59-1	Isophorone	370	U
88-75-5	2-Nitrophenol	370	U
105-67-9	2,4-Dimethylphenol	370	U
111-91-1	Bis(2-chloroethoxy)methane	370	U
120-83-2	2,4-Dichlorophenol	370	U
120-82-1	1,2,4-Trichlorobenzene	370	U
91-20-3	Naphthalene	370	U
106-47-8	4-Chloroaniline	370	U
87-68-3	Hexachlorobutadiene	370	U
59-50-7	4-Chloro-3-methylphenol	370	U
91-57-6	2-Methylnaphthalene	370	U
77-47-4	Hexachlorocyclopentadiene	370	U
88-06-2	2,4,6-Trichlorophenol	370	U
95-95-4	2,4,5-Trichlorophenol	930	U
91-58-7	2-Chloronaphthalene	370	U
88-74-4	2-Nitroaniline	930	U
131-11-3	Dimethylphthalate	370	U
208-96-8	Acenaphthylene	370	U
606-20-2	2,6-Dinitrotoluene	370	U
99-09-2	3-Nitroaniline	930	U
83-32-9	Acenaphthene	160	J
51-28-5	2,4-Dinitrophenol	930	U
100-02-7	4-Nitrophenol	930	U
132-64-9	Dibenzofuran	370	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PT-E.WALL RE

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC025

Matrix: (soil/water) SOIL Lab Sample ID: 0901622-005ARE

Sample wt/vol: 15 (g/mL) G Lab File ID: A\C44747.D

Level: (low/med) LOW Date Received: 01/21/09

% Moisture: 11.2 Decanted: (Y/N) N Date Extracted: 01/22/09

Concentrated Extract Volume: 500 (µL) Date Analyzed: 01/27/09

Injection Volume: 2 (µL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.0 Extraction: (Type) PFEX

CAS NO.	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG	Q
121-14-2	2,4-Dinitrotoluene	370	U
84-66-2	Diethylphthalate	370	U
7005-72-3	4-Chlorophenyl-phenylether	370	U
86-73-7	Fluorene	130	J
100-01-6	4-Nitroaniline	930	U
534-52-1	4,6-Dinitro-2-methylphenol	930	U
86-30-6	N-Nitrosodiphenylamine	370	U
101-55-3	4-Bromophenyl-phenylether	370	U
118-74-1	Hexachlorobenzene	370	U
87-86-5	Pentachlorophenol	930	U
85-01-8	Phenanthrene	1300	
120-12-7	Anthracene	320	J
86-74-8	Carbazole	260	J
84-74-2	Di-n-butyl phthalate	75	BJ
206-44-0	Fluoranthene	2600	
129-00-0	Pyrene	2400	
85-68-7	Butyl benzyl phthalate	370	U
91-94-1	3,3´-Dichlorobenzidine	370	U
56-55-3	Benzo(a)anthracene	1300	
218-01-9	Chrysene	1500	
117-81-7	Bis(2-ethylhexyl)phthalate	250	BJ
117-84-0	Di-n-octyl phthalate	370	U
205-99-2	Benzo(b)fluoranthene	1900	
207-08-9	Benzo(k)fluoranthene	750	
50-32-8	Benzo(a)pyrene	1300	
193-39-5	Indeno(1,2,3-cd)pyrene	570	
53-70-3	Dibenzo(a,h)anthracene	130	J
191-24-2	Benzo(g,h,i)perylene	480	

(1) Cannot be separated from Diphenylamine

1G

EPA SAMPLE NO.

PT-E.WALL RE

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC025

Matrix: (soil/water) SOIL Lab Sample ID: 0901622-005ARE

Sample wt/vol: 15 (g/mL) G Lab File ID: A\C44747.D

Level: (low/med) LOW Date Received: 01/21/09

% Moisture: 11.2 Decanted:(Y/N) N Date Extracted: 01/22/09

Concentrated Extract Volume: 500 (µl) Date Analyzed: 01/27/09

Injection Volume: 2 (µl) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.0 Extraction: (Type) PFEX

CONCENTRATION UNITS:

Number TICs found: 17 (µg/L or µg/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q
1.	000127-18-4	Tetrachloroethylene	3.22	240	JN
2.	004161-60-8	2-Pentanone, 4-hydroxy-	3.38	170	BJNA
3.	000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.56	7900	BJNA
4.		c3 substituted benzene	4.06	680	BJ
5.		substituted PNA (13.09)	13.09	160	J
6.		substituted PNA (13.13)	13.13	150	J
7.		unknown PNA	13.22	250	J
8.	000084-65-1	9,10-Anthracenedione	13.50	270	JN
9.		11H-Benzofluorene isomer	14.49	190	JY
10.	000050-29-3	Chlorophenothane	14.87	190	JNY
11.		benzocarbazole isomer	15.42	170	JY
12.		unknown (15.87)	15.87	150	J
13.		unknown (15.92)	15.92	250	J
14.		unknown (15.97)	15.97	290	J
15.	000192-97-2	Benzo(e)pyrene	16.11	410	JN
16.		unknown (16.17)	16.17	320	J
17.		unknown (16.5)	16.50	210	J
18.		(DEL) Alkane: Branched	16.66	290	J

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1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PT-N.WALL

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC025

Matrix: (soil/water) SOIL Lab Sample ID: 0901622-006A

Sample wt/vol: 15 (g/mL) G Lab File ID: A\C44741.D

Level: (low/med) LOW Date Received: 01/21/09

% Moisture: 12.8 Decanted: (Y/N) N Date Extracted: 01/22/09

Concentrated Extract Volume: 500 (µL) Date Analyzed: 01/27/09

Injection Volume: 2 (µL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.0 Extraction: (Type) PFEX

CAS NO.	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG	Q
108-95-2	Phenol	76	BJ
111-44-4	Bis(2-chloroethyl)ether	380	U
95-57-8	2-Chlorophenol	380	U
541-73-1	1,3-Dichlorobenzene	380	U
106-46-7	1,4-Dichlorobenzene	380	U
95-50-1	1,2-Dichlorobenzene	380	U
95-48-7	2-Methylphenol	380	U
108-60-1	2,2'-oxybis(1-chloropropane)	380	U
106-44-5	4-Methylphenol	380	U
621-64-7	N-Nitroso-di-n-propylamine	380	U
67-72-1	Hexachloroethane	380	U
98-95-3	Nitrobenzene	380	U
78-59-1	Isophorone	380	U
88-75-5	2-Nitrophenol	380	U
105-67-9	2,4-Dimethylphenol	380	U
111-91-1	Bis(2-chloroethoxy)methane	380	U
120-83-2	2,4-Dichlorophenol	380	U
120-82-1	1,2,4-Trichlorobenzene	380	U
91-20-3	Naphthalene	120	J
106-47-8	4-Chloroaniline	380	U
87-68-3	Hexachlorobutadiene	380	U
59-50-7	4-Chloro-3-methylphenol	380	U
91-57-6	2-Methylnaphthalene	83	J
77-47-4	Hexachlorocyclopentadiene	380	U
88-06-2	2,4,6-Trichlorophenol	380	U
95-95-4	2,4,5-Trichlorophenol	950	U
91-58-7	2-Chloronaphthalene	380	U
88-74-4	2-Nitroaniline	950	U
131-11-3	Dimethylphthalate	380	U
208-96-8	Acenaphthylene	380	U
606-20-2	2,6-Dinitrotoluene	380	U
99-09-2	3-Nitroaniline	950	U
83-32-9	Acenaphthene	380	U
51-28-5	2,4-Dinitrophenol	950	U
100-02-7	4-Nitrophenol	950	U
132-64-9	Dibenzofuran	380	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PT-N.WALL

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC025

Matrix: (soil/water) SOIL Lab Sample ID: 0901622-006A

Sample wt/vol: 15 (g/mL) G Lab File ID: A\C44741.D

Level: (low/med) LOW Date Received: 01/21/09

% Moisture: 12.8 Decanted: (Y/N) N Date Extracted: 01/22/09

Concentrated Extract Volume: 500 (µL) Date Analyzed: 01/27/09

Injection Volume: 2 (µL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.0 Extraction: (Type) PFEX

CAS NO.	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG	Q
121-14-2	2,4-Dinitrotoluene	380	U
84-66-2	Diethylphthalate	380	U
7005-72-3	4-Chlorophenyl-phenylether	380	U
86-73-7	Fluorene	380	U
100-01-6	4-Nitroaniline	950	U
534-52-1	4,6-Dinitro-2-methylphenol	950	U
86-30-6	N-Nitrosodiphenylamine	380	U
101-55-3	4-Bromophenyl-phenylether	380	U
118-74-1	Hexachlorobenzene	380	U
87-86-5	Pentachlorophenol	950	U
85-01-8	Phenanthrene	380	U
120-12-7	Anthracene	380	U
86-74-8	Carbazole	380	U
84-74-2	Di-n-butyl phthalate	380	U
206-44-0	Fluoranthene	380	U
129-00-0	Pyrene	380	U
85-68-7	Butyl benzyl phthalate	380	U
91-94-1	3,3´-Dichlorobenzidine	380	U
56-55-3	Benzo(a)anthracene	380	U
218-01-9	Chrysene	380	U
117-81-7	Bis(2-ethylhexyl)phthalate	380	U
117-84-0	Di-n-octyl phthalate	380	U
205-99-2	Benzo(b)fluoranthene	380	U
207-08-9	Benzo(k)fluoranthene	380	U
50-32-8	Benzo(a)pyrene	380	U
193-39-5	Indeno(1,2,3-cd)pyrene	380	U
53-70-3	Dibenzo(a,h)anthracene	380	U
191-24-2	Benzo(g,h,i)perylene	380	U

(1) Cannot be separated from Diphenylamine

1G

EPA SAMPLE NO.

PT-N.WALL

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC025

Matrix: (soil/water) SOIL Lab Sample ID: 0901622-006A

Sample wt/vol: 15 (g/mL) G Lab File ID: A\C44741.D

Level: (low/med) LOW Date Received: 01/21/09

% Moisture: 12.8 Decanted:(Y/N) N Date Extracted: 01/22/09

Concentrated Extract Volume: 500 (µl) Date Analyzed: 01/27/09

Injection Volume: 2 (µl) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.0 Extraction: (Type) PFEX

CONCENTRATION UNITS:

Number TICs found: 5 (µg/L or µg/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q
1.	000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.55	6700	BJNA
2.		c3 substituted benzene	4.06	700	BJ
3.		unknown (15.97)	15.97	180	J
4.		unknown (16.16)	16.16	210	J
5.	014811-95-1	1,19-Eicosadiene	16.50	160	JN

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PT-S.WALL

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC025

Matrix: (soil/water) SOIL Lab Sample ID: 0901622-007A

Sample wt/vol: 15 (g/mL) G Lab File ID: A\C44742.D

Level: (low/med) LOW Date Received: 01/21/09

% Moisture: 13.2 Decanted: (Y/N) N Date Extracted: 01/22/09

Concentrated Extract Volume: 500 (µL) Date Analyzed: 01/27/09

Injection Volume: 2 (µL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 6.0 Extraction: (Type) PFEX

CAS NO.	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG	Q
108-95-2	Phenol	83	BJ
111-44-4	Bis(2-chloroethyl)ether	380	U
95-57-8	2-Chlorophenol	380	U
541-73-1	1,3-Dichlorobenzene	380	U
106-46-7	1,4-Dichlorobenzene	380	U
95-50-1	1,2-Dichlorobenzene	380	U
95-48-7	2-Methylphenol	380	U
108-60-1	2,2'-oxybis(1-chloropropane)	380	U
106-44-5	4-Methylphenol	380	U
621-64-7	N-Nitroso-di-n-propylamine	380	U
67-72-1	Hexachloroethane	380	U
98-95-3	Nitrobenzene	380	U
78-59-1	Isophorone	380	U
88-75-5	2-Nitrophenol	380	U
105-67-9	2,4-Dimethylphenol	380	U
111-91-1	Bis(2-chloroethoxy)methane	380	U
120-83-2	2,4-Dichlorophenol	380	U
120-82-1	1,2,4-Trichlorobenzene	380	U
91-20-3	Naphthalene	140	J
106-47-8	4-Chloroaniline	380	U
87-68-3	Hexachlorobutadiene	380	U
59-50-7	4-Chloro-3-methylphenol	380	U
91-57-6	2-Methylnaphthalene	97	J
77-47-4	Hexachlorocyclopentadiene	380	U
88-06-2	2,4,6-Trichlorophenol	380	U
95-95-4	2,4,5-Trichlorophenol	960	U
91-58-7	2-Chloronaphthalene	380	U
88-74-4	2-Nitroaniline	960	U
131-11-3	Dimethylphthalate	380	U
208-96-8	Acenaphthylene	380	U
606-20-2	2,6-Dinitrotoluene	380	U
99-09-2	3-Nitroaniline	960	U
83-32-9	Acenaphthene	380	U
51-28-5	2,4-Dinitrophenol	960	U
100-02-7	4-Nitrophenol	960	U
132-64-9	Dibenzofuran	380	U

1D

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

PT-S.WALL

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC025

Matrix: (soil/water) SOIL Lab Sample ID: 0901622-007A

Sample wt/vol: 15 (g/mL) G Lab File ID: A\C44742.D

Level: (low/med) LOW Date Received: 01/21/09

% Moisture: 13.2 Decanted: (Y/N) N Date Extracted: 01/22/09

Concentrated Extract Volume: 500 (µL) Date Analyzed: 01/27/09

Injection Volume: 2 (µL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 6.0 Extraction: (Type) PFEX

CAS NO.	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG	Q
121-14-2	2,4-Dinitrotoluene	380	U
84-66-2	Diethylphthalate	380	U
7005-72-3	4-Chlorophenyl-phenylether	380	U
86-73-7	Fluorene	380	U
100-01-6	4-Nitroaniline	960	U
534-52-1	4,6-Dinitro-2-methylphenol	960	U
86-30-6	N-Nitrosodiphenylamine	380	U
101-55-3	4-Bromophenyl-phenylether	380	U
118-74-1	Hexachlorobenzene	380	U
87-86-5	Pentachlorophenol	960	U
85-01-8	Phenanthrene	120	J
120-12-7	Anthracene	380	U
86-74-8	Carbazole	380	U
84-74-2	Di-n-butyl phthalate	380	U
206-44-0	Fluoranthene	380	U
129-00-0	Pyrene	380	U
85-68-7	Butyl benzyl phthalate	380	U
91-94-1	3,3´-Dichlorobenzidine	380	U
56-55-3	Benzo(a)anthracene	380	U
218-01-9	Chrysene	380	U
117-81-7	Bis(2-ethylhexyl)phthalate	380	U
117-84-0	Di-n-octyl phthalate	380	U
205-99-2	Benzo(b)fluoranthene	380	U
207-08-9	Benzo(k)fluoranthene	380	U
50-32-8	Benzo(a)pyrene	380	U
193-39-5	Indeno(1,2,3-cd)pyrene	380	U
53-70-3	Dibenzo(a,h)anthracene	380	U
191-24-2	Benzo(g,h,i)perylene	380	U

(1) Cannot be separated from Diphenylamine

1G

EPA SAMPLE NO.

PT-S.WALL

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC025

Matrix: (soil/water) SOIL Lab Sample ID: 0901622-007A

Sample wt/vol: 15 (g/mL) G Lab File ID: A\C44742.D

Level: (low/med) LOW Date Received: 01/21/09

% Moisture: 13.2 Decanted:(Y/N) N Date Extracted: 01/22/09

Concentrated Extract Volume: 500 (µl) Date Analyzed: 01/27/09

Injection Volume: 2 (µl) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 6.0 Extraction: (Type) PFEX

CONCENTRATION UNITS:

Number TICs found: 4 (µg/L or µg/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q
1. 000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.55	5400	BJNA
2.	c3 substituted benzene	4.06	720	BJ
3.	unknown (15.97)	15.97	210	J
4.	unknown (16.5)	16.50	150	J

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PT-W.WALL

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC025

Matrix: (soil/water) SOIL Lab Sample ID: 0901622-008A

Sample wt/vol: 15 (g/mL) G Lab File ID: A\C44743.D

Level: (low/med) LOW Date Received: 01/21/09

% Moisture: 12.2 Decanted: (Y/N) N Date Extracted: 01/22/09

Concentrated Extract Volume: 500 (µL) Date Analyzed: 01/27/09

Injection Volume: 2 (µL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 6.0 Extraction: (Type) PFEX

CAS NO.	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG	Q
108-95-2	Phenol	380	U
111-44-4	Bis(2-chloroethyl)ether	380	U
95-57-8	2-Chlorophenol	380	U
541-73-1	1,3-Dichlorobenzene	380	U
106-46-7	1,4-Dichlorobenzene	380	U
95-50-1	1,2-Dichlorobenzene	380	U
95-48-7	2-Methylphenol	380	U
108-60-1	2,2'-oxybis(1-chloropropane)	380	U
106-44-5	4-Methylphenol	380	U
621-64-7	N-Nitroso-di-n-propylamine	380	U
67-72-1	Hexachloroethane	380	U
98-95-3	Nitrobenzene	380	U
78-59-1	Isophorone	380	U
88-75-5	2-Nitrophenol	380	U
105-67-9	2,4-Dimethylphenol	380	U
111-91-1	Bis(2-chloroethoxy)methane	380	U
120-83-2	2,4-Dichlorophenol	380	U
120-82-1	1,2,4-Trichlorobenzene	380	U
91-20-3	Naphthalene	380	U
106-47-8	4-Chloroaniline	380	U
87-68-3	Hexachlorobutadiene	380	U
59-50-7	4-Chloro-3-methylphenol	380	U
91-57-6	2-Methylnaphthalene	380	U
77-47-4	Hexachlorocyclopentadiene	380	U
88-06-2	2,4,6-Trichlorophenol	380	U
95-95-4	2,4,5-Trichlorophenol	950	U
91-58-7	2-Chloronaphthalene	380	U
88-74-4	2-Nitroaniline	950	U
131-11-3	Dimethylphthalate	380	U
208-96-8	Acenaphthylene	380	U
606-20-2	2,6-Dinitrotoluene	380	U
99-09-2	3-Nitroaniline	950	U
83-32-9	Acenaphthene	380	U
51-28-5	2,4-Dinitrophenol	950	U
100-02-7	4-Nitrophenol	950	U
132-64-9	Dibenzofuran	380	U

1D

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

PT-W.WALL

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC025

Matrix: (soil/water) SOIL Lab Sample ID: 0901622-008A

Sample wt/vol: 15 (g/mL) G Lab File ID: A\C44743.D

Level: (low/med) LOW Date Received: 01/21/09

% Moisture: 12.2 Decanted:(Y/N) N Date Extracted: 01/22/09

Concentrated Extract Volume: 500 (µL) Date Analyzed: 01/27/09

Injection Volume: 2 (µL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 6.0 Extraction: (Type) PFEX

CAS NO.	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG	Q
121-14-2	2,4-Dinitrotoluene	380	U
84-66-2	Diethylphthalate	380	U
7005-72-3	4-Chlorophenyl-phenylether	380	U
86-73-7	Fluorene	380	U
100-01-6	4-Nitroaniline	950	U
534-52-1	4,6-Dinitro-2-methylphenol	950	U
86-30-6	N-Nitrosodiphenylamine	380	U
101-55-3	4-Bromophenyl-phenylether	380	U
118-74-1	Hexachlorobenzene	380	U
87-86-5	Pentachlorophenol	950	U
85-01-8	Phenanthrene	380	U
120-12-7	Anthracene	380	U
86-74-8	Carbazole	380	U
84-74-2	Di-n-butyl phthalate	80	BJ
206-44-0	Fluoranthene	380	U
129-00-0	Pyrene	83	J
85-68-7	Butyl benzyl phthalate	380	U
91-94-1	3,3´-Dichlorobenzidine	380	U
56-55-3	Benzo(a)anthracene	380	U
218-01-9	Chrysene	380	U
117-81-7	Bis(2-ethylhexyl)phthalate	380	U
117-84-0	Di-n-octyl phthalate	380	U
205-99-2	Benzo(b)fluoranthene	380	U
207-08-9	Benzo(k)fluoranthene	380	U
50-32-8	Benzo(a)pyrene	380	U
193-39-5	Indeno(1,2,3-cd)pyrene	380	U
53-70-3	Dibenzo(a,h)anthracene	380	U
191-24-2	Benzo(g,h,i)perylene	380	U

(1) Cannot be separated from Diphenylamine

1G

EPA SAMPLE NO.

PT-W.WALL

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC025

Matrix: (soil/water) SOIL Lab Sample ID: 0901622-008A

Sample wt/vol: 15 (g/mL) G Lab File ID: A\C44743.D

Level: (low/med) LOW Date Received: 01/21/09

% Moisture: 12.2 Decanted:(Y/N) N Date Extracted: 01/22/09

Concentrated Extract Volume: 500 (µl) Date Analyzed: 01/27/09

Injection Volume: 2 (µl) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 6.0 Extraction: (Type) PFEX

CONCENTRATION UNITS:

Number TICs found: 21 (µg/L or µg/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q
1. 000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.55	6100	BJNA
2.	c3 substituted benzene	4.06	710	BJ
3.	unknown PNA + unknown	13.78	580	J
4.	unknown (14.45)	14.45	370	J
5.	unknown (14.58)	14.58	1000	J
6.	unknown (14.64)	14.64	360	J
7.	unknown (14.85)	14.85	1800	J
8.	unknown (14.93)	14.93	300	J
9.	unknown (15.13)	15.13	1600	J
10.	unknown (15.35)	15.35	330	J
11.	unknown (15.44)	15.44	530	J
12.	unknown (15.58)	15.58	710	J
13.	unknown (15.87)	15.87	360	J
14.	unknown (16.01)	16.01	740	BJ
15.	unknown (16.17)	16.17	820	J
16.	unknown (16.23)	16.23	490	J
17.	unknown (16.53)	16.53	710	J
18.	unknown (16.82)	16.82	2500	J
19.	unknown (16.93)	16.93	1100	J
20.	unknown (17.13)	17.13	7500	J
21.	unknown (17.5)	17.50	900	J

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PT-W.WALL RE

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC025

Matrix: (soil/water) SOIL Lab Sample ID: 0901622-008ARE

Sample wt/vol: 15 (g/mL) G Lab File ID: A\C44748.D

Level: (low/med) LOW Date Received: 01/21/09

% Moisture: 12.2 Decanted: (Y/N) N Date Extracted: 01/22/09

Concentrated Extract Volume: 500 (µL) Date Analyzed: 01/27/09

Injection Volume: 2 (µL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 6.0 Extraction: (Type) PFEX

CAS NO.	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG	Q
108-95-2	Phenol	380	U
111-44-4	Bis(2-chloroethyl)ether	380	U
95-57-8	2-Chlorophenol	380	U
541-73-1	1,3-Dichlorobenzene	380	U
106-46-7	1,4-Dichlorobenzene	380	U
95-50-1	1,2-Dichlorobenzene	380	U
95-48-7	2-Methylphenol	380	U
108-60-1	2,2'-oxybis(1-chloropropane)	380	U
106-44-5	4-Methylphenol	380	U
621-64-7	N-Nitroso-di-n-propylamine	380	U
67-72-1	Hexachloroethane	380	U
98-95-3	Nitrobenzene	380	U
78-59-1	Isophorone	380	U
88-75-5	2-Nitrophenol	380	U
105-67-9	2,4-Dimethylphenol	380	U
111-91-1	Bis(2-chloroethoxy)methane	380	U
120-83-2	2,4-Dichlorophenol	380	U
120-82-1	1,2,4-Trichlorobenzene	380	U
91-20-3	Naphthalene	380	U
106-47-8	4-Chloroaniline	380	U
87-68-3	Hexachlorobutadiene	380	U
59-50-7	4-Chloro-3-methylphenol	380	U
91-57-6	2-Methylnaphthalene	380	U
77-47-4	Hexachlorocyclopentadiene	380	U
88-06-2	2,4,6-Trichlorophenol	380	U
95-95-4	2,4,5-Trichlorophenol	950	U
91-58-7	2-Chloronaphthalene	380	U
88-74-4	2-Nitroaniline	950	U
131-11-3	Dimethylphthalate	380	U
208-96-8	Acenaphthylene	380	U
606-20-2	2,6-Dinitrotoluene	380	U
99-09-2	3-Nitroaniline	950	U
83-32-9	Acenaphthene	380	U
51-28-5	2,4-Dinitrophenol	950	U
100-02-7	4-Nitrophenol	950	U
132-64-9	Dibenzofuran	380	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PT-W.WALL RE

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC025

Matrix: (soil/water) SOIL Lab Sample ID: 0901622-008ARE

Sample wt/vol: 15 (g/mL) G Lab File ID: A\C44748.D

Level: (low/med) LOW Date Received: 01/21/09

% Moisture: 12.2 Decanted: (Y/N) N Date Extracted: 01/22/09

Concentrated Extract Volume: 500 (µL) Date Analyzed: 01/27/09

Injection Volume: 2 (µL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 6.0 Extraction: (Type) PFEX

CAS NO.	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG	Q
121-14-2	2,4-Dinitrotoluene	380	U
84-66-2	Diethylphthalate	380	U
7005-72-3	4-Chlorophenyl-phenylether	380	U
86-73-7	Fluorene	380	U
100-01-6	4-Nitroaniline	950	U
534-52-1	4,6-Dinitro-2-methylphenol	950	U
86-30-6	N-Nitrosodiphenylamine	380	U
101-55-3	4-Bromophenyl-phenylether	380	U
118-74-1	Hexachlorobenzene	380	U
87-86-5	Pentachlorophenol	950	U
85-01-8	Phenanthrene	380	U
120-12-7	Anthracene	380	U
86-74-8	Carbazole	380	U
84-74-2	Di-n-butyl phthalate	88	BJ
206-44-0	Fluoranthene	380	U
129-00-0	Pyrene	87	J
85-68-7	Butyl benzyl phthalate	380	U
91-94-1	3,3´-Dichlorobenzidine	380	U
56-55-3	Benzo(a)anthracene	380	U
218-01-9	Chrysene	380	U
117-81-7	Bis(2-ethylhexyl)phthalate	98	BJ
117-84-0	Di-n-octyl phthalate	380	U
205-99-2	Benzo(b)fluoranthene	380	U
207-08-9	Benzo(k)fluoranthene	380	U
50-32-8	Benzo(a)pyrene	380	U
193-39-5	Indeno(1,2,3-cd)pyrene	380	U
53-70-3	Dibenzo(a,h)anthracene	380	U
191-24-2	Benzo(g,h,i)perylene	380	U

(1) Cannot be separated from Diphenylamine

1G

EPA SAMPLE NO.

PT-W.WALL RE

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC025

Matrix: (soil/water) SOIL Lab Sample ID: 0901622-008ARE

Sample wt/vol: 15 (g/mL) G Lab File ID: A\C44748.D

Level: (low/med) LOW Date Received: 01/21/09

% Moisture: 12.2 Decanted:(Y/N) N Date Extracted: 01/22/09

Concentrated Extract Volume: 500 (µl) Date Analyzed: 01/27/09

Injection Volume: 2 (µl) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 6.0 Extraction: (Type) PFEX

CONCENTRATION UNITS:

Number TICs found: 22 (µg/L or µg/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q
1.	000108-11-2	2-Pentanol, 4-methyl-	2.94	210	JNA
2.	000127-18-4	Tetrachloroethylene	3.22	360	JN
3.	000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.55	5800	BJNA
4.		c3 substituted benzene	4.06	690	BJ
5.		unknown PNA + unknown	13.78	240	J
6.		unknown (13.92)	13.92	260	J
7.		unknown (14.09)	14.09	280	J
8.		unknown (14.59)	14.59	1700	J
9.		unknown (14.77)	14.77	380	J
10.		unknown (14.87)	14.87	270	J
11.		unknown (15.02)	15.02	1100	J
12.		unknown (15.15)	15.15	220	J
13.		unknown (16)	16.00	470	J
14.		unknown (16.14)	16.14	930	J
15.		unknown (16.24)	16.24	1800	J
16.		unknown (16.32)	16.32	890	J
17.		unknown (16.54)	16.54	620	J
18.		unknown (16.74)	16.74	300	J
19.		unknown (16.82)	16.82	2100	J
20.		unknown (17.51)	17.51	210	J
21.		unknown (17.78)	17.78	210	J
22.		unknown (18.21)	18.21	210	J

AFC025 S48

APPENDIX E
3/10/09 Endpoint Sample TCL SVOCs Lab Reports

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E.SIDEWALL

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC026

Matrix: (soil/water) SOIL Lab Sample ID: 0903319-002B

Sample wt/vol: 15 (g/mL) G Lab File ID: 9\N30190.D

Level: (low/med) LOW Date Received: 03/10/09

% Moisture: 13.6 Decanted: (Y/N) N Date Extracted: 03/24/09

Concentrated Extract Volume: 500 (µL) Date Analyzed: 03/31/09

Injection Volume: 2 (µL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: Extraction: (Type) PFEX

CAS NO.	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG	Q
108-95-2	Phenol	380	U
111-44-4	Bis(2-chloroethyl)ether	380	U
95-57-8	2-Chlorophenol	380	U
541-73-1	1,3-Dichlorobenzene	380	U
106-46-7	1,4-Dichlorobenzene	380	U
95-50-1	1,2-Dichlorobenzene	380	U
95-48-7	2-Methylphenol	380	U
108-60-1	2,2´-oxybis(1-chloropropane)	380	U
106-44-5	4-Methylphenol	380	U
621-64-7	N-Nitroso-di-n-propylamine	380	U
67-72-1	Hexachloroethane	380	U
98-95-3	Nitrobenzene	380	U
78-59-1	Isophorone	380	U
88-75-5	2-Nitrophenol	380	U
105-67-9	2,4-Dimethylphenol	380	U
111-91-1	Bis(2-chloroethoxy)methane	380	U
120-83-2	2,4-Dichlorophenol	380	U
120-82-1	1,2,4-Trichlorobenzene	380	U
91-20-3	Naphthalene	380	U
106-47-8	4-Chloroaniline	380	U
87-68-3	Hexachlorobutadiene	380	U
59-50-7	4-Chloro-3-methylphenol	380	U
91-57-6	2-Methylnaphthalene	380	U
77-47-4	Hexachlorocyclopentadiene	380	U
88-06-2	2,4,6-Trichlorophenol	380	U
95-95-4	2,4,5-Trichlorophenol	960	U
91-58-7	2-Chloronaphthalene	380	U
88-74-4	2-Nitroaniline	960	U
131-11-3	Dimethylphthalate	380	U
208-96-8	Acenaphthylene	380	U
606-20-2	2,6-Dinitrotoluene	380	U
99-09-2	3-Nitroaniline	960	U
83-32-9	Acenaphthene	120	J
51-28-5	2,4-Dinitrophenol	960	U
100-02-7	4-Nitrophenol	960	U
132-64-9	Dibenzofuran	380	U

AFC026 S39

1D

EPA SAMPLE NO.

E.SIDEWALL

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC026

Matrix: (soil/water) SOIL Lab Sample ID: 0903319-002B

Sample wt/vol: 15 (g/mL) G Lab File ID: 9\N30190.D

Level: (low/med) LOW Date Received: 03/10/09

% Moisture: 13.6 Decanted: (Y/N) N Date Extracted: 03/24/09

Concentrated Extract Volume: 500 (µL) Date Analyzed: 03/31/09

Injection Volume: 2 (µL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: Extraction: (Type) PFEX

CAS NO.	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG	Q
121-14-2	2,4-Dinitrotoluene	380	U
84-66-2	Diethylphthalate	380	U
7005-72-3	4-Chlorophenyl-phenylether	380	U
86-73-7	Fluorene	380	U
100-01-6	4-Nitroaniline	960	U
534-52-1	4,6-Dinitro-2-methylphenol	960	U
86-30-6	N-Nitrosodiphenylamine	380	U
101-55-3	4-Bromophenyl-phenylether	380	U
118-74-1	Hexachlorobenzene	380	U
87-86-5	Pentachlorophenol	960	U
85-01-8	Phenanthrene	1100	
120-12-7	Anthracene	140	J
86-74-8	Carbazole	150	J
84-74-2	Di-n-butyl phthalate	380	U
206-44-0	Fluoranthene	2300	
129-00-0	Pyrene	2000	
85-68-7	Butyl benzyl phthalate	380	U
91-94-1	3,3´-Dichlorobenzidine	380	U
56-55-3	Benzo(a)anthracene	990	
218-01-9	Chrysene	1100	
117-81-7	Bis(2-ethylhexyl)phthalate	110	J
117-84-0	Di-n-octyl phthalate	380	U
205-99-2	Benzo(b)fluoranthene	1200	
207-08-9	Benzo(k)fluoranthene	470	
50-32-8	Benzo(a)pyrene	820	
193-39-5	Indeno(1,2,3-cd)pyrene	300	J
53-70-3	Dibenzo(a,h)anthracene	90	J
191-24-2	Benzo(g,h,i)perylene	240	J

(1) Cannot be separated from Diphenylamine

AFC026 S40

1G

EPA SAMPLE NO.

E.SIDEWALL

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC026

Matrix: (soil/water) SOIL Lab Sample ID: 0903319-002B

Sample wt/vol: 15 (g/mL) G Lab File ID: 9\N30190.D

Level: (low/med) LOW Date Received: 03/10/09

% Moisture: 13.6 Decanted:(Y/N) N Date Extracted: 03/24/09

Concentrated Extract Volume: 500 (µl) Date Analyzed: 03/31/09

Injection Volume: 2 (µl) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: Extraction: (Type) PFEX

CONCENTRATION UNITS:

Number TICs found: 9 (µg/L or µg/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q
1.	141-79-7	3-Penten-2-one, 4-methyl-	3.26	220	AJN
2.	127-18-4	Tetrachloroethylene	3.32	190	JN
3.	123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.58	6300	AJN
4.		C3 Substituted benzene	4.13	190	J
5.		unknown (10.53)	10.53	1600	J
6.		unknown (13.33)	13.33	190	J
7.	84-65-1	9,10-Anthracenedione	13.60	290	JN
8.		unknown (16.01)	16.01	190	J
9.		unknown PNA	16.31	210	J
10.		(DEL) Alkane: Straight-Chain	16.87	170	J

AFC026 S41

APPENDIX F
Trip Blank and Field Blank TCL VOCs and TCL SVOCs Lab Reports

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FIELDBLANK

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC023

Matrix: (soil/water) WATER Lab Sample ID: 0901374-005A

Sample wt/vol: 5 (g/mL) ML Lab File ID: A\A62971.D

Level: (low/med) LOW Date Received: 01/13/09

% Moisture: not dec. Date Analyzed: 01/14/09

GC Column: ZB-624 ID: .18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (µL) Soil Aliquot Volume _____ (µL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene chloride	10	U
67-64-1	Acetone	1	BJ
75-35-4	1,1-Dichloroethene	10	U
75-15-0	Carbon disulfide	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

AFC023 S37

1F

EPA SAMPLE NO.

FIELDBLANK

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC023

Matrix: (soil/water) WATER Lab Sample ID: 0901374-005A

Sample wt/vol: 5 (g/mL) ML Lab File ID: A\A62971.D

Level: (low/med) LOW Date Received: 01/13/09

% Moisture: not dec. Date Analyzed: 01/14/09

GC Column: ZB-624 ID: .18 (mm) Dilution Factor: 1.00

Soil Extract Volume: (µl) Soil Aliquot Volume: 0 (µL)

CONCENTRATION UNITS:

Number TICs found: 0 (µg/L or µg/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q

AFC023 S38

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TB 011309

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC023

Matrix: (soil/water) WATER Lab Sample ID: 0901374-013A

Sample wt/vol: 5 (g/mL) ML Lab File ID: A\A62972.D

Level: (low/med) LOW Date Received: 01/13/09

% Moisture: not dec. Date Analyzed: 01/14/09

GC Column: ZB-624 ID: .18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (µL) Soil Aliquot Volume _____ (µL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene chloride	10	U
67-64-1	Acetone	1	BJ
75-35-4	1,1-Dichloroethene	10	U
75-15-0	Carbon disulfide	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

AFC023 S57

1F

EPA SAMPLE NO.

TB 011309

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC023

Matrix: (soil/water) WATER Lab Sample ID: 0901374-013A

Sample wt/vol: 5 (g/mL) ML Lab File ID: A\A62972.D

Level: (low/med) LOW Date Received: 01/13/09

% Moisture: not dec. Date Analyzed: 01/14/09

GC Column: ZB-624 ID: .18 (mm) Dilution Factor: 1.00

Soil Extract Volume: (µl) Soil Aliquot Volume: 0 (µL)

CONCENTRATION UNITS:

Number TICs found: 0 (µg/L or µg/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q

AFC023 S58

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FB 011409

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC024

Matrix: (soil/water) WATER Lab Sample ID: 0901437-001A

Sample wt/vol: 5 (g/mL) ML Lab File ID: A\A62973.D

Level: (low/med) LOW Date Received: 01/14/09

% Moisture: not dec. Date Analyzed: 01/14/09

GC Column: ZB-624 ID: .18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (µL) Soil Aliquot Volume _____ (µL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene chloride	10	U
67-64-1	Acetone	1	BJ
75-35-4	1,1-Dichloroethene	10	U
75-15-0	Carbon disulfide	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

AFC024 S16

1F

EPA SAMPLE NO.

FB 011409

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC024

Matrix: (soil/water) WATER Lab Sample ID: 0901437-001A

Sample wt/vol: 5 (g/mL) ML Lab File ID: A\A62973.D

Level: (low/med) LOW Date Received: 01/14/09

% Moisture: not dec. Date Analyzed: 01/14/09

GC Column: ZB-624 ID: .18 (mm) Dilution Factor: 1.00

Soil Extract Volume: (µl) Soil Aliquot Volume: 0 (µL)

Number TICs found: 0 CONCENTRATION UNITS: (µg/L or µg/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TB 011409

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC024

Matrix: (soil/water) WATER Lab Sample ID: 0901437-010A

Sample wt/vol: 5 (g/mL) ML Lab File ID: A\A62974.D

Level: (low/med) LOW Date Received: 01/14/09

% Moisture: not dec. Date Analyzed: 01/14/09

GC Column: ZB-624 ID: .18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (µL) Soil Aliquot Volume _____ (µL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene chloride	10	U
67-64-1	Acetone	1	BJ
75-35-4	1,1-Dichloroethene	10	U
75-15-0	Carbon disulfide	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

AFC024 S34

1F

EPA SAMPLE NO.

TB 011409

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC024

Matrix: (soil/water) WATER Lab Sample ID: 0901437-010A

Sample wt/vol: 5 (g/mL) ML Lab File ID: A\A62974.D

Level: (low/med) LOW Date Received: 01/14/09

% Moisture: not dec. Date Analyzed: 01/14/09

GC Column: ZB-624 ID: .18 (mm) Dilution Factor: 1.00

Soil Extract Volume: (µl) Soil Aliquot Volume: 0 (µL)

CONCENTRATION UNITS:

Number TICs found: 0 (µg/L or µg/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q

AFC024 S35

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

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Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC026

Matrix: (soil/water) WATER Lab Sample ID: 0903319-006A

Sample wt/vol: 5 (g/mL) ML Lab File ID: A\A63829.D

Level: (low/med) LOW Date Received: 03/10/09

% Moisture: not dec. Date Analyzed: 03/18/09

GC Column: ZB-624 ID: .18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (µL) Soil Aliquot Volume _____ (µL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene chloride	10	U
67-64-1	Acetone	10	U
75-35-4	1,1-Dichloroethene	10	U
75-15-0	Carbon disulfide	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

AFC026 S32

1F

EPA SAMPLE NO.

FIELD BLANK

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC026

Matrix: (soil/water) WATER Lab Sample ID: 0903319-006A

Sample wt/vol: 5 (g/mL) ML Lab File ID: A\A63829.D

Level: (low/med) LOW Date Received: 03/10/09

% Moisture: not dec. Date Analyzed: 03/18/09

GC Column: ZB-624 ID: .18 (mm) Dilution Factor: 1.00

Soil Extract Volume: (µl) Soil Aliquot Volume: 0 (µL)

CONCENTRATION UNITS:

Number TICs found: 0 (µg/L or µg/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

TB 031009

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC026

Matrix: (soil/water) WATER Lab Sample ID: 0903319-007A

Sample wt/vol: 5 (g/mL) ML Lab File ID: A\A63830.D

Level: (low/med) LOW Date Received: 03/10/09

% Moisture: not dec. Date Analyzed: 03/18/09

GC Column: ZB-624 ID: .18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (µL) Soil Aliquot Volume _____ (µL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene chloride	10	U
67-64-1	Acetone	10	U
75-35-4	1,1-Dichloroethene	10	U
75-15-0	Carbon disulfide	1	J
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

AFC026 S34

1F

EPA SAMPLE NO.

TB 031009

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC026

Matrix: (soil/water) WATER Lab Sample ID: 0903319-007A

Sample wt/vol: 5 (g/mL) ML Lab File ID: A\A63830.D

Level: (low/med) LOW Date Received: 03/10/09

% Moisture: not dec. Date Analyzed: 03/18/09

GC Column: ZB-624 ID: .18 (mm) Dilution Factor: 1.00

Soil Extract Volume: (µl) Soil Aliquot Volume: 0 (µL)

CONCENTRATION UNITS:

Number TICs found: 0 (µg/L or µg/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q

AFC026 S35

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TRIP BLANK

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC029

Matrix: (soil/water) WATER Lab Sample ID: 0904705-003A

Sample wt/vol: 5 (g/mL) ML Lab File ID: A\A64401.D

Level: (low/med) LOW Date Received: 04/16/09

% Moisture: not dec. Date Analyzed: 04/16/09

GC Column: ZB-624 ID: .18 (mm) Dilution Factor: 1.00

Soil Extract Volume: (µL) Soil Aliquot Volume (µL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene chloride	2	J
67-64-1	Acetone	2	BJ
75-35-4	1,1-Dichloroethene	10	U
75-15-0	Carbon disulfide	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

AFC029 S18

1F

EPA SAMPLE NO.

TRIP BLANK

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC029

Matrix: (soil/water) WATER Lab Sample ID: 0904705-003A

Sample wt/vol: 5 (g/mL) ML Lab File ID: A\A64401.D

Level: (low/med) LOW Date Received: 04/16/09

% Moisture: not dec. Date Analyzed: 04/16/09

GC Column: ZB-624 ID: .18 (mm) Dilution Factor: 1.00

Soil Extract Volume: (µl) Soil Aliquot Volume: 0 (µL)

CONCENTRATION UNITS:

Number TICs found: 0 (µg/L or µg/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q

AFC029 S19

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

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Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC029

Matrix: (soil/water) WATER Lab Sample ID: 0904705-002A

Sample wt/vol: 5 (g/mL) ML Lab File ID: A\A64400.D

Level: (low/med) LOW Date Received: 04/16/09

% Moisture: not dec. Date Analyzed: 04/16/09

GC Column: ZB-624 ID: .18 (mm) Dilution Factor: 1.00

Soil Extract Volume: (µL) Soil Aliquot Volume (µL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene chloride	10	U
67-64-1	Acetone	10	U
75-35-4	1,1-Dichloroethene	10	U
75-15-0	Carbon disulfide	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

AFC029 S16

1F

EPA SAMPLE NO.

FIELD BLANK

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC029

Matrix: (soil/water) WATER Lab Sample ID: 0904705-002A

Sample wt/vol: 5 (g/mL) ML Lab File ID: A\A64400.D

Level: (low/med) LOW Date Received: 04/16/09

% Moisture: not dec. Date Analyzed: 04/16/09

GC Column: ZB-624 ID: .18 (mm) Dilution Factor: 1.00

Soil Extract Volume: (µl) Soil Aliquot Volume: 0 (µL)

Number TICs found: 0 CONCENTRATION UNITS: (µg/L or µg/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q

AFC029 S17

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FB 1/21/09

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC025

Matrix: (soil/water) WATER Lab Sample ID: 0901622-009A

Sample wt/vol: 1000 (g/mL) ML Lab File ID: A\C44706.D

Level: (low/med) LOW Date Received: 01/22/09

% Moisture: Decanted: (Y/N) N Date Extracted: 01/23/09

Concentrated Extract Volume: 1000 (µL) Date Analyzed: 01/23/09

Injection Volume: 2 (µL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) SEPF

CAS NO.	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/L	Q
108-95-2	Phenol	10	U
111-44-4	Bis(2-chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	Bis(2-chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FB 1/21/09

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC025

Matrix: (soil/water) WATER Lab Sample ID: 0901622-009A

Sample wt/vol: 1000 (g/mL) ML Lab File ID: A\C44706.D

Level: (low/med) LOW Date Received: 01/22/09

% Moisture: Decanted: (Y/N) N Date Extracted: 01/23/09

Concentrated Extract Volume: 1000 (µL) Date Analyzed: 01/23/09

Injection Volume: 2 (µL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) SEPF

CAS NO.	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/L	Q
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butyl phthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butyl benzyl phthalate	10	U
91-94-1	3,3´-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	Bis(2-ethylhexyl)phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) Cannot be separated from Diphenylamine

1G

EPA SAMPLE NO.

FB 1/21/09

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M LABS, INC. Contract: ____

Lab Code: 10478 Case No.: PCAFC SAS No.: ____ SDG No.: AFC025

Matrix: (soil/water) WATER Lab Sample ID: 0901622-009A

Sample wt/vol: 1000 (g/mL) ML Lab File ID: A\C44706.D

Level: (low/med) LOW Date Received: 01/22/09

% Moisture: Decanted:(Y/N) N Date Extracted: 01/23/09

Concentrated Extract Volume: 1000 (µl) Date Analyzed: 01/23/09

Injection Volume: 2 (µl) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ___ Extraction: (Type) SEPF

CONCENTRATION UNITS:

Number TICs found: 0 (µg/L or µg/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q

1C

EPA SAMPLE NO.

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC026

Matrix: (soil/water) WATER Lab Sample ID: 0903319-006B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 9\N29668.D

Level: (low/med) LOW Date Received: 03/10/09

% Moisture: Decanted: (Y/N) N Date Extracted: 03/10/09

Concentrated Extract Volume: 1000 (µL) Date Analyzed: 03/11/09

Injection Volume: 2 (µL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) SEPF

CAS NO.	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/L	Q
108-95-2	Phenol	10	U
111-44-4	Bis(2-chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2´-oxybis(1-Chloropropane)	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	Bis(2-chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U

1D

EPA SAMPLE NO.

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC026

Matrix: (soil/water) WATER Lab Sample ID: 0903319-006B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 9\N29668.D

Level: (low/med) LOW Date Received: 03/10/09

% Moisture: Decanted: (Y/N) N Date Extracted: 03/10/09

Concentrated Extract Volume: 1000 (µL) Date Analyzed: 03/11/09

Injection Volume: 2 (µL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) SEPF

CAS NO.	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/L	Q
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butyl phthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butyl benzyl phthalate	10	U
91-94-1	3,3´-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	Bis(2-ethylhexyl)phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) Cannot be separated from Diphenylamine

AFC026 S43

1G

EPA SAMPLE NO.

FIELD BLANK

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: PCAFC SAS No.: _____ SDG No.: AFC026

Matrix: (soil/water) WATER Lab Sample ID: 0903319-006B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 9\N29668.D

Level: (low/med) LOW Date Received: 03/10/09

% Moisture: Decanted:(Y/N) N Date Extracted: 03/10/09

Concentrated Extract Volume: 1000 (µl) Date Analyzed: 03/11/09

Injection Volume: 2 (µl) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ___ Extraction: (Type) SEPF

CONCENTRATION UNITS:

Number TICs found: 0 (µg/L or µg/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q

AFC026 S44

APPENDIX G
Data Usability Summary Report

Data Validation Services

120 Cobble Creek Road P.O. Box 208
North Creek, NY 12853

Phone 518-251-4429
Facsimile 518-251-4428

June 11, 2009

Gary Miller
H2M Group
575 Broad Hollow Rd.
Melville, NY 11747

RE: **Data Usability Summary Report** for the Alert Fire Company site
H2M Laboratories SDG Nos. AFC023, AFC024, AFC025, AFC026, and AFC029

Dear Mr. Miller:

Review has been completed for the data packages generated by H2M Laboratories that pertain to samples collected 1/13/09 through 4/16/09 at the Alert Fire Company site. Thirty-two soil samples were analyzed for TCL Volatiles, and nine soil samples were analyzed for TCL Semivolatiles. Laboratory analytical methodologies utilized for the soil and aqueous samples are those of the 1995 NYSDEC ASP/SW846. Sample matrix spikes, and equipment and trip blanks were also processed.

The data packages submitted contained full deliverables for validation, but this usability report is generated from review of the summary form information, with review of sample raw data, and limited review of associated QC raw data. Full validation has not been performed. However, the reported summary forms have been reviewed for application of validation qualifiers, per the USEPA Region 2 validation SOPs and the USEPA National Functional Guidelines for Data Review, as affects the usability of the sample data. The following items were reviewed:

* Laboratory Narrative Discussion
* Case Narratives
* Custody Documentation
* Holding Times
* Surrogate and Internal Standard Recoveries
* Matrix Spike Recoveries/Duplicate Correlations
* Preparation/Calibration Blanks
* Control Spike/Laboratory Control Samples
* Instrumental Tunes and IDLs
* Calibration Standards
* Method Compliance
* Sample Result Verification

Those items listed above which show deficiencies are discussed within the text of this narrative. All of the other items were determined to be acceptable for the DUSR review level.

In summary, samples were processed in compliance with protocol, and most results are usable as reported, or usable with minor edit or qualification of results.

Included with this report are red-ink edited client results tables that represent final qualified samples results.

The following text discusses quality issues of concern.

TCL Volatiles by EPA8260B

Due to the presence of headspace in both vials, the results for the Trip Blank of 3/10/09 are qualified as estimated, with possible low bias.

The method, field, trip, and/or storage blanks show consistent low levels of methylene chloride and acetone at concentrations similar to those in the project samples. Therefore, the sample detections of those compounds are to be disregarded as sample components, and are edited to reflect non-detection ("U") at the CRDL, or the originally reported concentrations, whichever are greater.

The result for tetrachloroethene in B-1 (collected in March) has been qualified as estimated, due to the fact that its dilution analysis result did not match well with the initial low level result. A non-homogeneous matrix is suspected.

Results for sample analytes initially reported with the laboratory "E" flag are to be derived from the dilution ("-DL") analyses of the samples. All other results can be derived from the initial analyses.

Due to an elevated surrogate BFB recovery, the results for detected analytes that are derived from the initial analysis of B-1 (collected in January) are qualified as estimated, and may reflect a high bias.

Calibrations standards showed responses within guidelines, with the following exceptions, results for which are qualified estimated ("UJ" or "J"):

- chloromethane and bromomethane (25%D to 38%D) in thirteen samples collected in January
- xylene detection (28%D) in B-1 ((Jan)
- 1,1,2,2-tetrachloroethane (34%D) in B-6 and SW-15
- acetone, 1,1-dichloroethene, 1,2-dichloroethene (total), and 1,1,2,2-tetrachloroethane (28%D to 57%D) in five samples collected in January
- chloromethane, bromomethane, and carbon disulfide (28%D to 41%D) in three samples collected in January
- chloromethane and xylenes (both 25%D) in SW-8 and SW-11
- bromomethane (29%D or 35%RSD) in the field and trip blanks from January and in the samples collected 3/10/09
- acetone (26%D) in B-1, SW-8 amd SW-8A
- acetone, carbon disulfide, 2-butanone, 4-methyl-2-pentanone, 2-hexanone, and 1,1,2,2-tetrachloroethane in the FB and TB from April

Matrix spikes of SW-3, SW-9, B-1, and B-1 Endpt 14.5' show acceptable accuracy and precision for the five analytes that were evaluated. Spiked blanks show acceptable recoveries for all target analytes, with the exception of that for styrene (82%D, below 85%) in the control associated with sample B-1 (collected in April).

Tentatively Identified Compounds (TICs) flagged as "B" or "X", or identified as siloxanes, by the laboratory are considered external contamination (indicated by presence in associated blanks) or analysis artifacts, and results should be rejected as sample components.

Some of the samples were analyzed at initial dilution. This resulted in elevated reporting limits for analytes that are not detected in those samples.

TCL Semivolatile Analyses by EPA8270C

Samples DW-1A, Pipe Terminus East Wall, and Pipe Terminus West Wall produced low recovery for internal standard d12-perylene. Therefore, results for the seven analytes associated with that internal standard in those samples are qualified as estimated in value.

The detected results for phenol, di-n-butylphthalate, and bis(2-ethylhexyl)phthalate in the samples reported collected 1/21/09 are considered external contamination, and are edited to reflect nondetection ("U"), due to presence in the associated method blank.

Calibrations standards show acceptable responses, with the following exceptions, results for which have been qualified as estimated in the associated samples

- 2,2'-oxybis(1-chloropropene) (32%D) in the samples collected in January
- benzo(g,h,i)perylene, 2,4-dinitrophenol, 4,6-dinitro-2-methylphenol, and 4-nitrophenol (25%D to 51%D) in Pipe Terminus East SideWall

Matrix spikes of Pipe Terminus South Wall and Pipe Terminus East SideWall produced acceptable accuracy and precision for the eleven analytes evaluated, with the exception of the recoveries for pyrene (451% and 277%, above 142%) in the latter, the result for which is qualified as estimated in the parent sample.

Tentatively Identified Compounds (TICs) flagged as "B", "A", or "X" by the laboratory are considered external contamination (indicated by presence in associated blanks), and results should be rejected ("R") as sample components.

The TIC identified as tetrachloroethene is disregarded ("R"), as it is a volatile target analyte.

Please do not hesitate to contact me if you have comments or questions regarding this report.

Very truly yours,

Judy Harry

VALIDATION QUALIFIER DEFINITIONS

DATA QUALIFIER DEFINITIONS

The following definitions provide brief explanations of the national qualifiers assigned to results in the data review process. If the Regions choose to use additional qualifiers, a complete explanation of those qualifiers should accompany the data review.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

J - The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

N - The analysis indicates the present of an analyte for which there is presumptive evidence to make a "tentative identification."

NJ - The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

UJ - The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

R - The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

QUALIFIED CLIENT RESULTS TABLES

TABLE 2.3.1 (1 of 5)
Initial Endpoint Sample TCL VOC Results (1)
Alert Fire Company Site
Great Neck, New York

Soil Boring	SW-1	B-1	B-1	B-2	B-3	B-4	NYSDEC
Sample Depth	1.0 ft.	4.5 ft.	4.5 ft.	4.5 ft.	4.5 ft.	4.5 ft.	RSCO (2)
Sample Date	1/13/2009	1/13/2009	1/13/2009	1/13/2009	1/13/2009	1/13/2009	
Lab Sample ID	0901344-001A	0901374-001A	0901374-001A-DL	0901374-002A	0901374-003A-D	0901374-004A	
Parameter							
Chloromethane	110 U	56 U UJ	140,000 U	11 U UJ	11 U UJ	11 U UJ	-
Bromomethane	110 U	56 U UJ	140,000 U	11 U UJ	11 U UJ	11 U UJ	-
Vinyl chloride	110 U	56 U	140,000 U	11 U	11 U	11 U	200
Chloroethane	110 U	56 U	140,000 U	11 U	11 U	11 U	1,900
Methylene chloride	110 ~~39 BJ~~ U	56 ~~20 BJ~~ U	140,000 U	11 ~~3 BJ~~ U	11 ~~3 BJ~~ U	11 ~~3 BJ~~ U	100
Acetone	110 U	56 ~~21 J~~ U	140,000 U	11 U	11 U	11 U	200
1,1-Dichloroethene	110 U	56 U	140,000 U	11 U	11 U	11 U	400
Carbon disulfide	110 U	56 U	140,000 U	11 U	11 U	11 U	2,700
1,1-Dichloroethane	110 U	56 U	140,000 U	11 U	11 U	11 U	200
1,2-Dichloroethene (total)	110 U	56 U	140,000 U	11 U	11 U	11 U	300
Chloroform	110 U	56 U	140,000 U	11 U	11 U	11 U	300
1,2-Dichloroethane	110 U	56 U	140,000 U	11 U	11 U	11 U	100
2-Butanone	110 U	56 U	140,000 U	11 U	11 U	11 U	300
1,1,1-Trichloroethane	110 U	56 U	140,000 U	11 U	11 U	11 U	800
Carbon tetrachloride	110 U	56 U	140,000 U	11 U	11 U	11 U	600
Bromodichloromethane	110 U	56 U	140,000 U	11 U	11 U	11 U	-
1,2-Dichloropropane	110 U	56 U	140,000 U	11 U	11 U	11 U	-
cis-1,3-Dichloropropene	110 U	56 U	140,000 U	11 U	11 U	11 U	300
Trichloroethene	110 U	110 J	140,000 U	11 U	11 U	11 U	700
Dibromochloromethane	110 U	56 U	140,000 U	11 U	11 U	11 U	-
1,1,2-Trichloroethane	110 U	56 U	140,000 U	11 U	11 U	11 U	-
Benzene	110 U	56 U	140,000 U	11 U	11 U	11 U	60
trans-1,3-Dichloropropene	110 U	56 U	140,000 U	11 U	11 U	11 U	-
Bromoform	110 U	56 U	140,000 U	11 U	11 U	11 U	-
4-Methyl-2-pentanone	110 U	56 U	140,000 U	11 U	11 U	11 U	1,000
2-Hexanone	110 U	56 U	140,000 U	11 U	11 U	11 U	-
Tetrachloroethene	400 B	~~110,000 E~~	1,200,000 D	56	3 J	4 J	1,400
1,1,2,2-Tetrachloroethane	110 U	56 U	140,000 U	11 U	11 U	11 U	600
Toluene	110 U	56 U	140,000 U	11 U	11 U	11 U	1,500
Chlorobenzene	110 U	38 J UJ	140,000 U	11 U	11 U	11 U	1,700
Ethylbenzene	110 U	14 J UJ	140,000 U	11 U	11 U	11 U	5,500
Styrene	110 U	56 U	140,000 U	11 U	11 U	11 U	-
Xylene (total)	110 U	39 J UJ	140,000 U	11 U	11 U	11 U	1,200
TICs (3)	140 JX	11,660 JN	ND	1,047 J	618 J	130 J	
Total VOCs (4)	579	**121,902**	**1,200,000**	1,106	624	137	10,000

Notes: (1) All results reported in micrograms per kilogram (ug/kg).
(2) NYSDEC Recommended Soil Cleanup Objectives (ref. TAGM HWR-94-4046).
(3) Tentatively identified compounds.
(4) Sum of all detected compounds including TICs.
"B" Analyte was detected in associated blank.
"D" Compounds identified in a dilution analyses.
"DL" Dilution analysis.
"E" Concentration exceeded instrument calibration range.
"J" Indicates an estimated value.
"N" Presumptive evidence of a compound.
"ND" None detected.
"U" Compound was analyzed for but not detected.
"X" Suspected carryover.

TABLE 2.3.1 (2 of 5)
Initial Endpoint Sample TCL VOC Results (1)
Alert Fire Company Site
Great Neck, New York

Soil Boring	SW-2	SW-2	SW-2A (2)	SW-2A (2)	SW-3	SW-4	NYSDEC
Sample Depth	3.25 ft.	3.25 ft.	3.25 ft.	3.25 ft.	3.25 ft.	3.25 ft.	RSCO (3)
Sample Date	1/13/2009	1/13/2009	1/13/2009	1/13/2009	1/13/2009	1/13/2009	
Lab Sample ID	0901374-006A	0901374-006A-DL	0901374-007A	0901374-007A-DL	0901374-008A	0901374-009A	
Parameter							
Chloromethane	12 U UJ	15,000 U	59 U	5,900 U	52 U UJ	53 U	-
Bromomethane	12 U UJ	15,000 U	59 U	5,900 U	52 U UJ	53 U	-
Vinyl chloride	12 U	15,000 U	59 U	5,900 U	52 U	53 U	200
Chloroethane	12 U	15,000 U	59 U	5,900 U	52 U	53 U	1,900
Methylene chloride	~~12 4 BJ~~ U	15,000 U	~~59 17 BJ~~ U	~~59 00730 DBJ~~ U	~~52 16 BJ~~ U	~~53 20 BJ~~ U	100
Acetone	~~12 6 J~~	15,000 U	~~59 22 J~~ U	5,900 U	52 U	53 U	200
1,1-Dichloroethene	12 U	15,000 U	59 U	5,900 U	52 U	53 U	400
Carbon disulfide	12 U	15,000 U	59 U	5,900 U	52 U	53 U	2,700
1,1-Dichloroethane	12 U	15,000 U	59 U	5,900 U	52 U	53 U	200
1,2-Dichloroethene (total)	12 U	15,000 U	59 U	5,900 U	52 U	53 U	300
Chloroform	12 U	15,000 U	59 U	5,900 U	52 U	53 U	300
1,2-Dichloroethane	12 U	15,000 U	59 U	5,900 U	52 U	53 U	100
2-Butanone	12 U	15,000 U	59 U	5,900 U	52 U	53 U	300
1,1,1-Trichloroethane	12 U	15,000 U	59 U	5,900 U	52 U	53 U	800
Carbon tetrachloride	12 U	15,000 U	59 U	5,900 U	52 U	53 U	600
Bromodichloromethane	12 U	15,000 U	59 U	5,900 U	52 U	53 U	-
1,2-Dichloropropane	12 U	15,000 U	59 U	5,900 U	52 U	53 U	-
cis-1,3-Dichloropropane	12 U	15,000 U	59 U	5,900 U	52 U	53 U	300
Trichloroethene	12 U	15,000 U	59 U	5,900 U	52 U	53 U	700
Dibromochloromethane	12 U	15,000 U	59 U	5,900 U	52 U	53 U	-
1,1,2-Trichloroethane	12 U	15,000 U	59 U	5,900 U	52 U	53 U	-
Benzene	12 U	15,000 U	59 U	5,900 U	52 U	53 U	60
trans-1,3-Dichloropropene	12 U	15,000 U	59 U	5,900 U	52 U	53 U	-
Bromoform	12 U	15,000 U	59 U	5,900 U	52 U	53 U	-
4-Methyl-2-pentanone	12 U	15,000 U	59 U	5,900 U	52 U	53 U	1,000
2-Hexanone	12 U	15,000 U	59 U	5,900 U	52 U	53 U	-
Tetrachloroethene	~~11,000~~ E	14,000 DJ	~~62,000~~ E	140,000 DE	350	82 B	1,400
1,1,2,2-Tetrachloroethane	21	15,000 U	120	5,900 U	52 U	53 U	600
Toluene	12 U	15,000 U	59 U	5,900 U	52 U	53 U	1,500
Chlorobenzene	12 U	15,000 U	59 U	5,900 U	52 U	53 U	1,700
Ethylbenzene	12 U	15,000 U	59 U	5,900 U	52 U	53 U	5,500
Styrene	12 U	15,000 U	59 U	5,900 U	52 U	53 U	-
Xylene (total)	12 U	15,000 U	59 U	5,900 U	52 U	53 U	1,200
TICs (4)	5,470 J	8,200 JD	25,200 J	25,700 JND	280 J	121 JX	
Total VOCs (5)	**16,501**	**22,200**	**87,359**	**166,430**	646	223	10,000

Notes: (1) All results reported in micrograms per kilogram (ug/kg).
(2) Sample SW-2A is a blind duplicate of sample SW-2.
(3) NYSDEC Recommended Soil Cleanup Objectives (ref. TAGM HWR-94-4046).
(4) Tentatively identified compounds.
(5) Sum of all detected compounds including TICs.
"B" Analyte was detected in associated blank.
"D" Compounds identified in a dilution analyses.
"DL" Dilution analysis.
"E" Concentration exceeded instrument calibration range.
"J" Indicates an estimated value.
"N" Presumptive evidence of a compound.
"ND" None detected.
"U" Compound was analyzed for but not detected.
"X" Suspected carryover.

TABLE 2.3.1 (3 of 5)
Initial Endpoint Sample TCL VOC Results (1)
Alert Fire Company Site
Great Neck, New York

Soil Boring	SW-5	SW-6	SW-7	B-5	B-6	SW-15	NYSDEC
Sample Depth	3.25 ft.	3.25 ft.	3.25 ft.	8.5 ft.	10.5 ft.	6.5 ft.	RSCO (2)
Sample Date	1/13/2009	1/13/2009	1/13/2009	1/14/2009	1/14/2009	1/14/2009	
Lab Sample ID	0901374-010A	0901374-011A	0901374-012A	0901436-001A	0901436-002A	0901436-003A	
Parameter							
Chloromethane	58 U UJ	59 U UJ	59 U UJ	10 U	110 U	120 U	-
Bromomethane	58 U UJ	59 U UJ	59 U UJ	10 U	110 U	120 U	-
Vinyl chloride	58 U	59 U	59 U	10 U	110 U	120 U	200
Chloroethane	58 U	59 U	59 U	10 U	110 U	120 U	1,900
Methylene chloride	58 ~~18 BJ~~ U	59 ~~20 BJ~~ U	59 ~~19 BJ~~ U	10 ~~2 BJ~~ U	100 ~~37 BJ~~ U	120 ~~49 BJ~~ U	100
Acetone	58 U	59 ~~17 J~~ U	59 ~~17 JN~~ U	10 U UJ	110 U	120 U	200
1,1-Dichloroethene	58 U	59 U	59 U	10 U UJ	110 U	120 U	400
Carbon disulfide	58 U	59 U	59 U	10 U	110 U	120 U	2,700
1,1-Dichloroethane	58 U	59 U	59 U	10 U	110 U	120 U	200
1,2-Dichloroethene (total)	58 U	59 U	59 U	10 U UJ	110 U	120 U	300
Chloroform	58 U	59 U	59 U	10 U	110 U	120 U	300
1,2-Dichloroethane	58 U	59 U	59 U	10 U	110 U	120 U	100
2-Butanone	58 U	59 U	59 U	10 U	110 U	120 U	300
1,1,1-Trichloroethane	58 U	59 U	59 U	10 U	110 U	120 U	800
Carbon tetrachloride	58 U	59 U	59 U	10 U	110 U	120 U	600
Bromodichloromethane	58 U	59 U	59 U	10 U	110 U	120 U	-
1,2-Dichloropropane	58 U	59 U	59 U	10 U	110 U	120 U	-
cis-1,3-Dichloropropane	58 U	59 U	59 U	10 U	110 U	120 U	300
Trichloroethene	58 U	59 U	59 U	10 U	110 U	120 U	700
Dibromochloromethane	58 U	59 U	59 U	10 U	110 U	120 U	-
1,1,2-Trichloroethane	58 U	59 U	59 U	10 U	110 U	120 U	-
Benzene	58 U	59 U	59 U	10 U	110 U	120 U	60
trans-1,3-Dichloropropene	58 U	59 U	59 U	10 U	110 U	120 U	-
Bromoform	58 U	59 U	59 U	10 U	110 U	120 U	-
4-Methyl-2-pentanone	58 U	59 U	59 U	10 U	110 U	120 U	1,000
2-Hexanone	58 U	59 U	59 U	10 U	110 U	120 U	-
Tetrachloroethene	140	190	150	10 U	1,300	1,400	1,400
1,1,2,2-Tetrachloroethane	58 U	59 U	59 U	10 U UJ	110 U UJ	120 U UJ	600
Toluene	58 U	59 U	59 U	10 U	110 U	120 U	1,500
Chlorobenzene	58 U	59 U	59 U	10 U	110 U	120 U	1,700
Ethylbenzene	58 U	59 U	59 U	10 U	110 U	120 U	5,500
Styrene	58 U	59 U	59 U	10 U	110 U	120 U	-
Xylene (total)	58 U	59 U	59 U	10 U	110 U	120 U	1,200
TICs (3)	ND	ND	ND	142 JN	270 JX	690 JX	
Total VOCs (4)	158	227	186	144	1,607	2,139	10,000

Notes: (1) All results reported in micrograms per kilogram (ug/kg).
(2) NYSDEC Recommended Soil Cleanup Objectives (ref. TAGM HWR-94-4046).
(3) Tentatively identified compounds.
(4) Sum of all detected compounds including TICs.
"B" Analyte was detected in associated blank.
"D" Compounds identified in a dilution analyses.
"DL" Dilution analysis.
"E" Concentration exceeded instrument calibration range.
"J" Indicates an estimated value.
"N" Presumptive evidence of a compound.
"ND" None detected.
"U" Compound was analyzed for but not detected.
"X" Suspected carryover.

TABLE 2.3.1 (4 of 5)
Initial Endpoint Sample TCL VOC Results (1)
Alert Fire Company Site
Great Neck, New York

Soil Boring	SW-16	SW-17	SW-18	SW-19	SW-8	SW-8A (2)	NYSDEC
Sample Depth	9.5 ft.	9.5 ft.	9.5 ft.	9.5 ft.	6.5 ft.	6.5 ft.	RSCO (3)
Sample Date	1/14/2009	1/14/2009	1/14/2009	1/14/2009	1/14/2009	1/14/2009	
Lab Sample ID	0901436-004A	0901436-005A	0901436-006A	0901436-007A	0901437-002A	0901437-003A	
Parameter							
Chloromethane	10 U	11 U	11 UJ	10 U	100 UJ	10 UJ	-
Bromomethane	10 U	11 U	11 UJ	10 U	100 U	10 UJ	-
Vinyl chloride	10 U	11 U	11 U	10 U	100 U	10 U	200
Chloroethane	10 U	11 U	11 U	10 U	100 U	10 U	1,900
Methylene chloride	10 ~~3 BJ~~ U	11 ~~3 BJ~~ U	11 ~~3 BJ~~ U	10 ~~3 BJ~~ U	100 ~~35 BJ~~ U	10 ~~2 BJ~~ U	100
Acetone	10 UJ	11 UJ	11 U	10 U	100 U	10 U	200
1,1-Dichloroethene	10 UJ	11 UJ	11 U	10 U	100 U	10 U	400
Carbon disulfide	10 U	11 U	11 UJ	10 U	100 U	10 U	2,700
1,1-Dichloroethane	10 U	11 U	11 U	10 U	100 U	10 U	200
1,2-Dichloroethene (total)	10 UJ	11 UJ	11 U	10 U	100 U	10 U	300
Chloroform	10 U	11 U	11 U	10 U	100 U	10 U	300
1,2-Dichloroethane	10 U	11 U	11 U	10 U	100 U	10 U	100
2-Butanone	10 U	11 U	11 U	10 U	100 U	10 U	300
1,1,1-Trichloroethane	10 U	11 U	11 U	10 U	100 U	10 U	800
Carbon tetrachloride	10 U	11 U	11 U	10 U	100 U	10 U	600
Bromodichloromethane	10 U	11 U	11 U	10 U	100 U	10 U	-
1,2-Dichloropropane	10 U	11 U	11 U	10 U	100 U	10 U	-
cis-1,3-Dichloropropane	10 U	11 U	11 U	10 U	100 U	10 U	300
Trichloroethene	10 U	11 U	11 U	10 U	100 U	10 U	700
Dibromochloromethane	10 U	11 U	11 U	10 U	100 U	10 U	-
1,1,2-Trichloroethane	10 U	11 U	11 U	10 U	100 U	10 U	-
Benzene	10 U	11 U	11 U	10 U	100 U	10 U	60
trans-1,3-Dichloropropene	10 U	11 U	11 U	10 U	100 U	10 U	-
Bromoform	10 U	11 U	11 U	10 U	100 U	10 U	-
4-Methyl-2-pentanone	10 U	11 U	11 U	10 U	100 U	10 U	1,000
2-Hexanone	10 U	11 U	11 U	10 U	100 U	10 U	-
Tetrachloroethene	10 U	11	11 U	10 U	**2,100** B	10 U	1,400
1,1,2,2-Tetrachloroethane	10 UJ	11 UJ	11 U	10 UJ	100 U	10 U	600
Toluene	10 U	11 U	11 U	10 U	100 U	10 U	1,500
Chlorobenzene	10 U	11 U	11 U	10 U	100 U	10 U	1,700
Ethylbenzene	10 U	11 U	11 U	10 U	100 U	10 U	5,500
Styrene	10 U	11 U	11 U	10 U	100 U	10 U	-
Xylene (total)	10 U	11 U	11 U	10 U	100 UJ	10 U	1,200
TICs (4)	76 JN	52 J	ND	ND	ND	ND	
Total VOCs (5)	79	55	3	3	**2,135**	2	10,000

Notes: (1) All results reported in micrograms per kilogram (ug/kg).
(2) Sample SW-8A is a blind duplicate of sample SW-8.
(3) NYSDEC Recommended Soil Cleanup Objectives (ref. TAGM HWR-94-4046).
(4) Tentatively identified compounds.
(5) Sum of all detected compounds including TICs.
"B" Analyte was detected in associated blank.
"D" Compounds identified in a dilution analyses.
"DL" Dilution analysis.
"E" Concentration exceeded instrument calibration range.
"J" Indicates an estimated value.
"N" Presumptive evidence of a compound.
"ND" None detected.
"U" Compound was analyzed for but not detected.
"X" Suspected carryover.

TABLE 2.3.1 (5 of 5)
Initial Endpoint Sample TCL VOC Results (1)
Alert Fire Company Site
Great Neck, New York

Soil Boring	SW-9	SW-10	SW-11	SW-12	SW-13	SW-14	NYSDEC
Sample Depth	6.5 ft.	6.5 ft.	6.5 ft.	6.5 ft.	6.5 ft.	6.5 ft.	RSCO (2)
Sample Date	1/14/2009	1/14/2009	1/14/2009	1/14/2009	1/14/2009	1/14/2009	
Lab Sample ID	0901437-004A	0901437-005A	0901437-006A	0901437-007A	0901437-008A	0901437-009A	
Parameter							
Chloromethane	11 U UJ	10 U UJ	110 U UJ	10 U UJ	10 U UJ	11 U	-
Bromomethane	11 U UJ	10 U UJ	110 U	10 U UJ	10 U UJ	11 U	-
Vinyl chloride	11 U	10 U	110 U	10 U	10 U	11 U	200
Chloroethane	11 U	10 U	110 U	10 U	10 U	11 U	1,900
Methylene chloride	~~4 BJ~~ U	~~3 BJ~~ U	~~37 BJ~~ U	~~3 BJ~~ U	~~3 BJ~~ U	~~2 BJ~~ U	100
Acetone	11 U	10 U	110 U	10 U	10 U	11 U UJ	200
1,1-Dichloroethene	11 U	10 U	110 U	10 U	10 U	11 U UJ	400
Carbon disulfide	11 U UJ	10 U	110 U	10 U	10 U UJ	11 U	2,700
1,1-Dichloroethane	11 U	10 U	110 U	10 U	10 U	11 U	200
1,2-Dichloroethene (total)	11 U	10 U	110 U	10 U	10 U	11 U UJ	300
Chloroform	11 U	10 U	110 U	10 U	10 U	11 U	300
1,2-Dichloroethane	11 U	10 U	110 U	10 U	10 U	11 U	100
2-Butanone	11 U	10 U	110 U	10 U	10 U	11 U	300
1,1,1-Trichloroethane	11 U	10 U	110 U	10 U	10 U	11 U	800
Carbon tetrachloride	11 U	10 U	110 U	10 U	10 U	11 U	600
Bromodichloromethane	11 U	10 U	110 U	10 U	10 U	11 U	-
1,2-Dichloropropane	11 U	10 U	110 U	10 U	10 U	11 U	-
cis-1,3-Dichloropropane	11 U	10 U	110 U	10 U	10 U	11 U	300
Trichloroethene	11 U	10 U	110 U	10 U	10 U	11 U	700
Dibromochloromethane	11 U	10 U	110 U	10 U	10 U	11 U	-
1,1,2-Trichloroethane	11 U	10 U	110 U	10 U	10 U	11 U	-
Benzene	11 U	10 U	110 U	10 U	10 U	11 U	60
trans-1,3-Dichloropropene	11 U	10 U	110 U	10 U	10 U	11 U	-
Bromoform	11 U	10 U	110 U	10 U	10 U	11 U	-
4-Methyl-2-pentanone	11 U	10 U	110 U	10 U	10 U	11 U	1,000
2-Hexanone	11 U	10 U	110 U	10 U	10 U	11 U	-
Tetrachloroethene	3 J	2 J	740 B	10 U	10 U	11 U	1,400
1,1,2,2-Tetrachloroethane	11 U	10 U	110 U	10 U	10 U	11 U UJ	600
Toluene	11 U	10 U	110 U	10 U	10 U	11 U	1,500
Chlorobenzene	11 U	10 U	110 U	10 U	10 U	11 U	1,700
Ethylbenzene	11 U	10 U	110 U	10 U	10 U	11 U	5,500
Styrene	11 U	10 U	110 U	10 U	10 U	11 U	-
Xylene (total)	11 U	10 U	110 U UJ	10 U	10 U	11 U	1,200
TICs (3)	9 JN	ND	410 JX	62 J	91 JN	ND	
Total VOCs (4)	16	5	1,187	65	94	2	10,000

Notes: (1) All results reported in micrograms per kilogram (ug/kg).
(2) NYSDEC Recommended Soil Cleanup Objectives (ref. TAGM HWR-94-4046).
(3) Tentatively identified compounds.
(4) Sum of all detected compounds including TICs.
"B" Analyte was detected in associated blank.
"D" Compounds identified in a dilution analyses.
"DL" Dilution analysis.
"E" Concentration exceeded instrument calibration range.
"J" Indicates an estimated value.
"N" Presumptive evidence of a compound.
"ND" None detected.
"U" Compound was analyzed for but not detected.
"X" Suspected carryover.

TABLE 2.4.1
March 10, 2009 Endpoint Sample TCL VOC Results (1)
Alert Fire Company Site
Great Neck, New York

Soil Boring	B-1	B-1	SW-2	SW-8	SW-8	SW-8A (2)	NYSDEC
Sample Depth	5.5 ft.	5.5 ft.	4.25 ft.	6.5 ft.	6.5 ft.	6.5 ft.	RSCO (3)
Sample Date	3/10/2009	3/10/2009	3/10/2009	3/10/2009	3/10/2009	3/10/2009	
Lab Sample ID	0903319-001A	0903319-001A-DL	0903319-003A	0903319-004A	0903319-004A-DL	0903319-005A	
Parameter							
Chloromethane	11 U	29,000 U	12 U	12 U	58 U	11 U	-
Bromomethane	11 UJ	29,000 U	12 UJ	12 UJ	58 U	11 UJ	-
Vinyl chloride	11 U	29,000 U	12 U	12 U	58 U	11 U	200
Chloroethane	11 U	29,000 U	12 U	12 U	58 U	11 U	1,900
Methylene chloride	11 5 BJ	2,900 DJ	12 3 BJ	12 5 BJ	58 12 BJ	11 3 BJ	100
Acetone	11 UJ	29,000 U	12 U	12 U	58 U	11 U	200
1,1-Dichloroethene	11 U	29,000 U	12 U	12 U	58 U	11 U	400
Carbon disulfide	11 U	29,000 U	12 U	12 U	58 U	11 U	2,700
1,1-Dichloroethane	11 U	29,000 U	12 U	12 U	58 U	11 U	200
1,2-Dichloroethene (total)	11 U	29,000 U	12 U	12 U	58 U	11 U	300
Chloroform	11 U	29,000 U	12 U	12 U	58 U	11 U	300
1,2-Dichloroethane	11 U	29,000 U	12 U	12 U	58 U	11 U	100
2-Butanone	11 U	29,000 U	12 U	12 U	58 U	11 U	300
1,1,1-Trichloroethane	11 U	29,000 U	12 U	12 U	58 U	11 U	800
Carbon tetrachloride	11 U	29,000 U	12 U	12 U	58 U	11 U	600
Bromodichloromethane	11 U	29,000 U	12 U	12 U	58 U	11 U	-
1,2-Dichloropropane	11 U	29,000 U	12 U	12 U	58 U	11 U	-
cis-1,3-Dichloropropene	11 U	29,000 U	12 U	12 U	58 U	11 U	300
Trichloroethene	11 U	29,000 U	12 U	12 U	58 U	11 U	700
Dibromochloromethane	11 U	29,000 U	12 U	12 U	58 U	11 U	-
1,1,2-Trichloroethane	11 U	29,000 U	12 U	12 U	58 U	11 U	-
Benzene	11 U	29,000 U	12 U	12 U	58 U	11 U	60
trans-1,3-Dichloropropene	11 U	29,000 U	12 U	12 U	58 U	11 U	-
Bromoform	11 U	29,000 U	12 U	12 U	58 U	11 U	-
4-Methyl-2-pentanone	11 U	29,000 U	12 U	12 U	58 U	11 U	1,000
2-Hexanone	11 U	29,000 U	12 U	12 U	58 U	11 U	-
Tetrachloroethene	760 E	**400,000** D J	8 J	260 E	570 D	160	1,400
1,1,2,2-Tetrachloroethane	11 U	29,000 U	12 U	12 U	58 U	11 U	600
Toluene	11 U	29,000 U	12 U	12 U	58 U	3 J	1,500
Chlorobenzene	11 U	29,000 U	12 U	12 U	58 U	11 U	1,700
Ethylbenzene	11 U	29,000 U	12 U	12 U	58 U	11 U	5,500
Styrene	11 U	29,000 U	12 U	12 U	58 U	2 J	-
Xylene (total)	11 U	29,000 U	12 U	3 J	58 U	9 J	1,200
TICs (4)	103 JX	ND	39 J	148 JX	ND	ND	
Total VOCs (5)	879	**402,900**	50	416	582	177	10,000

Notes: (1) All results reported in micrograms per kilogram (ug/kg).
(2) Sample SW-8A is a blind duplicate os sample SW-8.
(3) NYSDEC Recommended Soil Cleanup Objectives (ref. TAGM HWR-94-4046).
(4) Tentatively identified compounds.
(5) Sum of all detected compounds including TICs.
"B" Analyte was detected in associated blank.
"D" Conpounds identified in a dilution analysis.
"DL" Dilution analysis.
"E" Concentration exceeded instrument calibration range.
"J" Indicates an estimated value.
"ND" None detected.
"U" Compound was analyzed for but not detected.
"X" Suspected carryover.

TABLE 2.4.2
April 16, 2009 Endpoint Sample TCL VOC Results (1)
Alert Fire Company Site
Great Neck, New York

Soil Boring / **Sample Depth** / **Sample Date** / **Lab Sample ID** / **Parameter**	B-1 5.5 ft. ~~9/10/2009~~ 4/16/09 0903319-001A		NYSDEC RSCO (2)
Chloromethane	11	U	-
Bromomethane	11	U	-
Vinyl chloride	11	U	200
Chloroethane	11	U	1,900
Methylene chloride	~~7 BJ~~ 4	U	100
Acetone	11	U	200
1,1-Dichloroethene	11	U	400
Carbon disulfide	11	U	2,700
1,1-Dichloroethane	11	U	200
1,2-Dichloroethene (total)	11	U	300
Chloroform	11	U	300
1,2-Dichloroethane	11	U	100
2-Butanone	11	U	300
1,1,1-Trichloroethane	11	U	800
Carbon tetrachloride	11	U	600
Bromodichloromethane	11	U	-
1,2-Dichloropropane	11	U	-
cis-1,3-Dichloropropene	11	U	300
Trichloroethene	11	U	700
Dibromochloromethane	11	U	-
1,1,2-Trichloroethane	11	U	-
Benzene	11	U	60
trans-1,3-Dichloropropene	11	U	-
Bromoform	11	U	-
4-Methyl-2-pentanone	11	U	1,000
2-Hexanone	11	U	-
Tetrachloroethene	2	J	1,400
1,1,2,2-Tetrachloroethane	11	U	600
Toluene	11	U	1,500
Chlorobenzene	11	U	1,700
Ethylbenzene	11	U	5,500
Styrene	11	U UJ	-
Xylene (total)	11	U	1,200
TICs (3)	ND		
Total VOCs (4)	9		10,000

Notes: (1) All results reported in micrograms per kilogram (ug/kg).
(2) NYSDEC Recommended Soil Cleanup Objectives.
(3) Tentatively identified compounds.
(4) Sum of all detected compounds including TICs.
"B" Analyte was detected in associated blank.
"J" Indicates an estimated value.
"ND" None detected.
"U" Compound was analyzed for but not detected.

TABLE 2.5.3
Initial Endpoint Sample TCL SVOC Results (1)
Alert Fire Company Site
Great Neck, New York

Soil Boring	DW-1		DW-1A (2)		DW-2		PT-Base		PT-E. Wall		PT-N. Wall		PT-S. Wall		PT-W. Wall		NYSDEC
Sample Depth	9.5 ft.		9.5 ft.		10.0 ft.		4.5 ft.		2.25 ft.		2.25 ft.		2.25 ft.		2.25 ft.		RSCO (3)
Sample Date	1/21/2009		1/21/2009		1/21/2009		1/21/2009		1/21/2009		1/21/2009		1/21/2009		1/21/2009		
Lab Sample ID	0901622-001A		0901622-002A		0901622-003A		0901622-004A		0901622-005A		0901622-006A		0901622-007A		0901622-008A		
Parameter																	
Phenol	360	U	370	U	83	BJ	340	U	370	U	78	BJ	85	BJ	380	U	30
Bis(2-chloroethyl)ether	360	U	370	U	370	U	340	U	370	U	380	U	380	U	380	U	-
2-Chlorophenol	360	U	370	U	370	U	340	U	370	U	380	U	380	U	380	U	800
1,3-Dichlorobenzene	360	U	370	U	370	U	340	U	370	U	380	U	380	U	380	U	1,600
1,4-Dichlorobenzene	360	U	370	U	370	U	340	U	370	U	380	U	380	U	380	U	8,500
1,2-Dichlorobenzene	360	U	370	U	370	U	340	U	370	U	380	U	380	U	380	U	7,900
2-Methylphenol	360	U	370	U	370	U	340	U	370	U	380	U	380	U	380	U	100
2,2'-oxybis(1-chloropropane)	360	U	370	U	370	U	340	U	370	U	380	U	380	U	380	U	-
4-Methylphenol	360	U	370	U	370	U	340	U	370	U	380	U	380	U	380	U	900
N-Nitroso-di-n-propylamine	360	U	370	U	370	U	340	U	370	U	380	U	380	U	380	U	-
Hexachloroethane	360	U	370	U	370	U	340	U	370	U	380	U	380	U	380	U	-
Nitrobenzene	360	U	370	U	370	U	340	U	370	U	380	U	380	U	380	U	200
Isophorone	360	U	370	U	370	U	340	U	370	U	380	U	380	U	380	U	4,400
2-Nitrophenol	360	U	370	U	370	U	340	U	370	U	380	U	380	U	380	U	330
2,4-Dimethylphenol	360	U	370	U	370	U	340	U	370	U	380	U	380	U	380	U	-
Bis(2-chloroethoxy)methane	360	U	370	U	370	U	340	U	370	U	380	U	380	U	380	U	-
2,4-Dichlorophenol	360	U	370	U	370	U	340	U	370	U	380	U	380	U	380	U	400
1,2,4-Trichlorobenzene	360	U	370	U	370	U	340	U	370	U	380	U	380	U	380	U	3,400
Naphthalene	360	U	370	U	180	J	340	U	370	U	120	J	140	J	380	U	13,000
4-Chloroaniline	360	U	370	U	370	U	340	U	370	U	380	U	380	U	380	U	220
Hexachlorobutadiene	360	U	370	U	370	U	340	U	370	U	380	U	380	U	380	U	-
4-Chloro-3-methylphenol	360	U	370	U	370	U	340	U	370	U	380	U	380	U	380	U	240
2-Methylnaphthalene	360	U	370	U	160	J	340	U	370	U	83	J	97	J	380	U	36,400
Hexachlorocyclopentadiene	360	U	370	U	370	U	340	U	370	U	380	U	380	U	380	U	-
2,4,6-Trichlorophenol	360	U	370	U	370	U	340	U	370	U	380	U	380	U	380	U	-
2,4,5-Trichlorophenol	920	U	930	U	920	U	860	U	930	U	950	U	960	U	950	U	100
2-Chloronaphthalene	360	U	370	U	370	U	340	U	370	U	380	U	380	U	380	U	-
2-Nitroaniline	920	U	930	U	920	U	860	U	930	U	950	U	960	U	950	U	430
Dimethylphthalate	360	U	370	U	370	U	340	U	370	U	380	U	380	U	380	U	2,000
Acenaphthylene	360	U	370	U	370	U	340	U	370	U	380	U	380	U	380	U	41,000
2,6-Dinitotoluene	360	U	370	U	370	U	340	U	370	U	380	U	380	U	380	U	1,000
3-Nitroaniline	920	U	930	U	920	U	860	U	930	U	950	U	960	U	950	U	500
Acenaphthene	360	U	370	U	370	U	340	U	160	J	380	U	380	U	380	U	50,000
2,4-Dinitrophenol	920	U	930	U	920	U	860	U	930	U	950	U	960	U	950	U	200
4-Nitrophenol	920	U	930	U	920	U	860	U	930	U	950	U	960	U	950	U	100
Dibenzofuran	360	U	370	U	370	U	340	U	370	U	380	U	380	U	380	U	6,200
2,4-Dinitrotoluene	360	U	370	U	370	U	340	U	370	U	380	U	380	U	380	U	-
Diethylphthalate	360	U	370	U	370	U	340	U	370	U	380	U	380	U	380	U	7,100
4-Chlorophenyl-phenylether	360	U	370	U	370	U	340	U	370	U	380	U	380	U	380	U	-
Fluorene	360	U	370	U	370	U	340	U	130	J	380	U	380	U	380	U	50,000
4-Nitroaniline	920	U	930	U	920	U	860	U	930	U	950	U	960	U	950	U	-
4,6-Dinitro-2-methylphenol	920	U	930	U	920	U	860	U	930	U	950	U	960	U	950	U	-
N-Nitrosodiphenylamine	360	U	370	U	370	U	340	U	370	U	380	U	380	U	380	U	-
4-Bromophenyl-phenylether	360	U	370	U	370	U	340	U	370	U	380	U	380	U	380	U	-
Hexachlorobenzene	360	U	370	U	370	U	340	U	370	U	380	U	380	U	380	U	410
Pentachlorophenol	920	U	930	U	920	U	860	U	930	U	950	U	960	U	950	U	1,000
Phenanthrene	220	J	120	J	120	J	340	U	1,300		380	U	120	J	380	U	50,000
Anthracene	360	U	370	U	370	U	340	U	320	J	380	U	380	U	380	U	50,000
Carbazole	360	U	370	U	370	U	340	U	250	J	380	U	380	U	380	U	-
Di-n-butyl phthalate	360	U	95	BJ	370	U	340	U	77	BJ	380	U	380	U	80	BJ	8,100
Fluoranthene	380		270	J	90	J	340	U	2,600		380	U	380	U	380	U	50,000
Pyrene	310	J	280	J	120	J	340	U	2,400		380	U	380	U	83	J	50,000
Butyl benzyl phthalate	360	U	370	U	370	U	340	U	370	U	380	U	380	U	380	U	50,000
3,3'-Dichlorobenzidine	360	U	370	U	370	U	340	U	370	U	380	U	380	U	380	U	-
Benzo(a)anthracene	150	J	130	J	79	J	340	U	1,300		380	U	380	U	380	U	224
Chrysene	180	J	170	J	370	U	340	U	1,500		380	U	380	U	380	U	400
Bis(2-ethylhexyl)phthalate	91	BJ	160	BJ	68	BJ	120	BJ	1200	BJ	380	U	380	U	380	U	50,000
Di-n-octyl phthalate	360	U	140	J	370	U	340	U	370	U	380	U	380	U	380	U	50,000
Benzo(b)fluoranthene	200	J	170	J	370	U	340	U	2,000	J	380	U	380	U	380	U	1,100
Benzo(k)fluoranthene	130	J	370	U	370	U	340	U	700		380	U	380	U	380	U	1,100
Benzo(a)pyrene	130	J	110	J	370	U	340	U	1,300		380	U	380	U	380	U	61
Indeno(1,2,3-cd)pyrene	360	U	370	U	370	U	340	U	550		380	U	380	U	380	U	3,200
Dibenzo(a,h)anthracene	360	U	370	U	370	U	340	U	120	J	380	U	380	U	380	U	14
Benzo(g,h,i)perylene	360	U	370	U	370	U	340	U	440		380	U	380	U	380	U	50,000
TICs (4)	28,360	BJNA	31,610	BJNA	24,240	BJNA	126,170	BJNA	12,360	BJNA	7,950	BJNA	6,480	BJNA	29,510	BJNA	-
Total SVCOS (5)	29,931		33,245		25,160		126,290		27,767		8,229		6,920		29,673		500,000

Notes: (1) All results reported in micrograms per kilogram (ug/kg).
(2) Sample DW-1A is a blind duplicate of sample DW-1.
(3) NYSDEC Recommended Soil Cleanup Objectives.
(4) Tentatively identified compounds.
(5) Sum of all detected compounds including TICs.

"A" TIC is a suspected aldol-condensation product.
"B" Analyte was detected in associated blank.
"J" Estimated value.
"N" Indicates presumptive evidence of a compound.
"U" Compound analyzed for but not detected.

TABLE 2.6.1
March 10, 2009 Endpoint Sample TCL SVOC Results (1)
Alert Fire Company Site
Great Neck, New York

Soil Boring Sample Depth Sample Date Lab Sample ID Parameter	PT-E. Wall 2.0 ft. 3/10/2009 0903319-002B	NYSDEC RSCO (2)	NYSDEC UUSCO (3)	NYSDEC Protection of Groundwater (4)
Phenol	380 U	30	330	330
Bis(2-chloroethyl)ether	380 U	-	-	-
2-Chlorophenol	380 U	800	-	-
1,3-Dichlorobenzene	380 U	1,600	-	-
1,4-Dichlorobenzene	380 U	8,500	-	-
1,2-Dichlorobenzene	380 U	7,900	-	-
2-Methylphenol	380 U	100	-	-
2,2'-oxybis(1-chloropropane)	380 U	-	-	-
4-Methylphenol	380 U	900	-	-
N-Nitroso-di-n-propylamine	380 U	-	-	-
Hexachloroethane	380 U	-	-	-
Nitrobenzene	380 U	200	-	-
Isophorone	380 U	4,400	-	-
2-Nitrophenol	380 U	330	-	-
2,4-Dimethylphenol	380 U	-	-	-
Bis(2-chloroethoxy)methane	380 U	-	-	-
2,4-Dichlorophenol	380 U	400	-	-
1,2,4-Trichlorobenzene	380 U	3,400	-	-
Naphthalene	380 U	13,000	12,000	12,000
4-Chloroaniline	380 U	220	-	-
Hexachlorobutadiene	380 U	-	-	-
4-Chloro-3-methylphenol	380 U	240	-	-
2-Methylnaphthalene	380 U	36,400	-	-
Hexachlorocyclopentadiene	380 U	-	-	-
2,4,6-Trichlorophenol	380 U	-	-	-
2,4,5-Trichlorophenol	960 U	100	-	-
2-Chloronaphthalene	380 U	-	-	-
2-Nitroaniline	960 U	430	-	-
Dimethylphthalate	380 U	2,000	-	-
Acenaphthylene	380 U	41,000	100,000	107,000
2,6-Dinitotoluene	380 U	1,000	-	-
3-Nitroaniline	960 U	500	-	-
Acenaphthene	120 J	50,000	20,000	98,000
2,4-Dinitrophenol	960 U UJ	200	-	-
4-Nitrophenol	960 U UJ	100	-	-
Dibenzofuran	380 U	6,200	-	-
2,4-Dinitrotoluene	380 U	-	-	-
Diethylphthalate	380 U	7,100	-	-
4-Chlorophenyl-phenylether	380 U	-	-	-
Fluorene	380 U	50,000	30,000	386,000
4-Nitroaniline	960 U	-	-	-
4,6-Dinitro-2-methylphenol	960 U UJ	-	-	-
N-Nitrosodiphenylamine	380 U	-	-	-
4-Bromophenyl-phenylether	380 U	-	-	-
Hexachlorobenzene	380 U	410	-	-
Pentachlorophenol	960 U	1,000	800	800
Phenanthrene	1,100	50,000	100,000	1,000,000
Anthracene	140 J	50,000	100,000	1,000,000
Carbazole	150 J	-	-	-
Di-n-butyl phthalate	380 U	8,100	-	-
Fluoranthene	2,300 J	50,000	100,000	1,000,000
Pyrene	2,000 J	50,000	100,000	1,000,000
Butyl benzyl phthalate	380 U	50,000	-	-
3,3'-Dichlorobenzidine	380 U	-	-	-
Benzo(a)anthracene	**990**	224	1,000	1,000
Chrysene	**1,100**	400	1,000	1,000
Bis(2-ethylhexyl)phthalate	110 J	50,000	-	-
Di-n-octyl phthalate	380 U	50,000	-	
Benzo(b)fluoranthene	**1,200**	1,100	1,000	1,700
Benzo(k)fluoranthene	470	1,100	800	1,700
Benzo(a)pyrene	**820**	61	1,000	22,000
Indeno(1,2,3-cd)pyrene	300 J	3,200	500	8,200
Dibenzo(a,h)anthracene	90 J	14	330	1,000,000
Benzo(g,h,i)perylene	240 J J	50,000	100,000	1,000,000
TICs (4)	9,550 AJN	-	-	-
Total SVCOS (5)	20,680	500,000	-	-

Notes: (1) All results reported in micrograms per kilogram (ug/kg).
(2) NYSDEC Recommended Soil Cleanup Objectives.
(3) NYSDEC Part 375-6.8(a) Unrestricted Use Soil Cleanup Objectives.
(4) NYSDEC Part 375-6.8(b) Protection of Groundwater Soil Cleanup Objectives.
"U" Compound analyzed for but not detected.
"A" TIC is a suspected aldol-condensation product.
"J" Estimated value.
"N" Indicates presumptive evidence of a compound.

TABLE 2.7.1
QA/QC Samples TCL VOC Results (1)
Alert Fire Company Site
Great Neck, New York

Sample Type	Field Blank	Trip Blank	Field Blank	Trip Blank	Field Blank	Trip Blank	Trip Blank	Field Blank
Sample Date	1/13/2009	1/13/2009	1/14/2009	1/14/2009	3/10/2009	3/10/2009	4/16/2009	4/16/2009
Lab Sample ID	0901374-005A	0901374-013A	0901374-001A	0901374-010A	0903319-006A	~~0901374-010A~~ 0903319-007	0904705-003A	0904705-002A
Parameter								
Chloromethane	10 U	10 U	10 U	10 U	10 U	10 U UJ	10 U	10 U
Bromomethane	10 U UJ	10 U UJ	10 U UJ	10 U UJ	10 U	10 U	10 U	10 U
Vinyl chloride	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chloroethane	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	10 U	10 U	10 U	10 U	10 U	10 U	2 J	10 U
Acetone	1 BJ	1 BJ	1 BJ	1 BJ	10 U	10 U	2 BJ J	10 U UJ
1,1-Dichloroethene	10 U	10 U	10 U	10 U	10 U	10 U V	10 U	10 U
Carbon disulfide	10 U	10 U	10 U	10 U	10 U	1 J J	10 U UJ	10 U UJ
1,1-Dichloroethane	10 U	10 U	10 U	10 U	10 U	10 U UJ	10 U	10 U
1,2-Dichloroethene (total)	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chloroform	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichloroethane	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Butanone	10 U	10 U	10 U	10 U	10 U	10 U	10 U UJ	10 U UJ
1,1,1-Trichloroethane	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Carbon tetrachloride	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bromodichloromethane	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichloropropane	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
cis-1,3-Dichloropropene	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Trichloroethene	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dibromochloromethane	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1,2-Trichloroethane	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzene	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
trans-1,3-Dichloropropene	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bromoform	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone	10 U	10 U	10 U	10 U	10 U	10 U	10 U UJ	10 U UJ
2-Hexanone	10 U	10 U	10 U	10 U	10 U	10 U	10 U UJ	10 U UJ
Tetrachloroethene	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1,2,2-Tetrachloroethane	10 U	10 U	10 U	10 U	10 U	10 U	10 U UJ	10 U UJ
Toluene	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chlorobenzene	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Ethylbenzene	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Styrene	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Xylene (total)	10 U	10 U	10 U	10 U	10 U	10 U V	10 U	10 U
TICs (2)	ND	ND	ND	ND	ND	ND	ND	ND
Total VOCs (3)	1	1	1	1	ND	1	4	ND

Notes: (1) All results reported in micrograms per liter (ug/l).
(2) Tentatively identified compounds.
(3) Sum of all detected compounds including TICs.
"B" Analyte was detected in associated blank.

"J" Indicates an estimated value.
"ND" None detected.
"U" Compound was analyzed for but not detected.

TABLE 2.7.2
QA/QC Samples TCL SVOC Results (1)
Alert Fire Company Site
Great Neck, New York

Sample Type	Field Blank		Field Balnk	
Sample Date	1/21/2009		3/10/2009	
Lab Sample ID	0901622-009A		0903319-006B	
Parameter				
Phenol	10	U	10	U
Bis(2-chloroethyl)ether	10	U	10	U
2-Chlorophenol	10	U	10	U
1,3-Dichlorobenzene	10	U	10	U
1,4-Dichlorobenzene	10	U	10	U
1,2-Dichlorobenzene	10	U	10	U
2-Methylphenol	10	U	10	U
2,2'-oxybis(1-chloropropane)	10	U	10	U
4-Methylphenol	10	U	10	U
N-Nitroso-di-n-propylamine	10	U	10	U
Hexachloroethane	10	U	10	U
Nitrobenzene	10	U	10	U
Isophorone	10	U	10	U
2-Nitrophenol	10	U	10	U
2,4-Dimethylphenol	10	U	10	U
Bis(2-chloroethoxy)methane	10	U	10	U
2,4-Dichlorophenol	10	U	10	U
1,2,4-Trichlorobenzene	10	U	10	U
Naphthalene	10	U	10	U
4-Chloroaniline	10	U	10	U
Hexachlorobutadiene	10	U	10	U
4-Chloro-3-methylphenol	10	U	10	U
2-Methylnaphthalene	10	U	10	U
Hexachlorocyclopentadiene	10	U	10	U
2,4,6-Trichlorophenol	10	U	10	U
2,4,5-Trichlorophenol	25	U	25	U
2-Chloronaphthalene	10	U	10	U
2-Nitroaniline	25	U	25	U
Dimethylphthalate	10	U	10	U
Acenaphthylene	10	U	10	U
2,6-Dinitotoluene	10	U	10	U
3-Nitroaniline	25	U	25	U
Acenaphthene	10	U	10	U
2,4-Dinitrophenol	25	U	25	U
4-Nitrophenol	25	U	25	U
Dibenzofuran	10	U	10	U
2,4-Dinitrotoluene	10	U	10	U
Diethylphthalate	10	U	10	U
4-Chlorophenyl-phenylether	10	U	10	U
Fluorene	10	U	10	U
4-Nitroaniline	25	U	25	U
4,6-Dinitro-2-methylphenol	25	U	25	U
N-Nitrosodiphenylamine	10	U	10	U
4-Bromophenyl-phenylether	10	U	10	U
Hexachlorobenzene	10	U	10	U
Pentachlorophenol	25	U	25	U
Phenanthrene	10	U	10	U
Anthracene	10	U	10	U
Carbazole	10	U	10	U
Di-n-butyl phthalate	10	U	10	U
Fluoranthene	10	U	10	U
Pyrene	10	U	10	U
Butyl benzyl phthalate	10	U	10	U
3,3'-Dichlorobenzidine	10	U	10	U
Benzo(a)anthracene	10	U	10	U
Chrysene	10	U	10	U
Bis(2-ethylhexyl)phthalate	10	U	10	U
Di-n-octyl phthalate	10	U	10	U
Benzo(b)fluoranthene	10	U	10	U
Benzo(k)fluoranthene	10	U	10	U
Benzo(a)pyrene	10	U	10	U
Indeno(1,2,3-cd)pyrene	10	U	10	U
Dibenzo(a,h)anthracene	10	U	10	U
Benzo(g,h,i)perylene	10	U	10	U
TICs (2)	ND		ND	
Total SVCOS (3)	ND		ND	

Notes: (1) All results reported in micrograms per liter (ug/l).
(2) Tentatively identified coupounds.
(3) Sum of all detected compounds including TICs.
(4) Compound analyzed for but not detected.
"ND" None Detected.

APPENDIX H
Hazardous Waste Manifests

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	NYD981082332		800-300-3102	000480763 FLE

GENERATOR

5. Generator's Name and Mailing Address: ALERT FIRE COMPANY, 130 STEAMBOAT ROAD, GREAT NECK, NY 11024
Generator's Site Address (if different than mailing address)
Generator's Phone:

6. Transporter 1 Company Name: ALLSTATE O.R.C.
U.S. EPA ID Number: NJD986588630

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address: CASIE ECOLOGY OIL SALVAGE INC., 3209 NORTH MILL ROAD, VINELAND, NJ 08630
U.S. EPA ID Number: NJD046995693
Facility's Phone:

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. RQ, HAZARDOUS WASTE SOLID, N.O.S. (D039), 9, UN3077, ~~III~~	001	CM	30,000	P	D039
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
CFI # 10674-CID, ERG-171 (E,S)

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: THOMAS WARREN AGENT
Signature:
Month Day Year: 1 14 09

TR ANSPORTER INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Jake Mathews
Signature:
Month Day Year: 1 21 09

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

Received Pending Quality Assurance

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: AVERYL BANKOLE-GIBSON
Signature:
Month Day Year: 01 22 09

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

Casie Protank*
*Vineland NJ *
856-696-4401
Have a nice day!

Transaction No.
52101

	Date	Time	Scale
In:	01/22/2009	16:17	1
Out:	01/22/2009	16:27	2

Gross:	77120 lb	(M)
Tare:	34300 lb	
Net:	42820 lb	
Gross:	38.56 tn	(M)
Tare:	17.15 tn	
Net:	21.41 tn	

Vehicle ID:	CP68	
Origin ID:	GREAT NECK	
Generator ID:	ALERT FIRE	
Flip Mand ID:	005395546J	
CFI ID:	10674	ALERT FIRE COMPANY
Destin. ID:	SRS	
Manifest ID:	000480763F	
Flip CFI ID:	2050	CASIE HAZ FLIPS
Poject ID:		
Trk Co ID:	CASIE PRO	

Comments:
Operator: 4
0 lb= 0 Charge by Weight 0

Signature: Laura Watson

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	NYD981082332	1	1-800-300-3193	000480770 FLE

5. Generator's Name and Mailing Address: ALERT FIRE COMPANY, 130 STEAMBOAT RD. (531) 727-2700, GREAT NECK, NY 11024
Generator's Phone:
Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: ALLSTATE ORC — U.S. EPA ID Number: NJD986588630

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: CASIE ECOLOGY OIL SALVAGE, INC., 3209 NORTH MILL RD., VINELAND, NJ 08380 — U.S. EPA ID Number: NJD046995693
Facility's Phone:

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ HAZARDOUS WASTE, SOLID, N.O.S. (D039) 9, UN3077, III	001	CM	32,000	P	D039		
	2.							
	3.							
	4. Received Pending Quality Assurance							

14. Special Handling Instructions and Additional Information: CPI # 10674-CID, ERG-171 (E,S)

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

GENERATOR — Generator's/Offeror's Printed/Typed Name: Thomas Wardell — Signature: Thomas Wardell — Month: 1 — Day: 15 — Year: 09

INTL — 16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER — 17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Jake Mathews — Signature: [signature] — Month: 1 — Day: 22 — Year: 09
Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY — 18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) — Month — Day — Year
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. 2. 3. 4.
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Rich Davis — Signature: [signature] — Month: 01 — Day: 23 — Year: 09

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete. DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

FEB 05 2009

Casie Protank*
*Vineland NJ *
856-696-4401
Have a nice day!

Transaction No.
52126

	Date	Time	Scale
In:	01/23/2009	10:31	1
Out:	01/23/2009	10:48	2

Vehicle ID:	CP92	
Origin ID:	GREAT NECK	
Generator ID:	ALERT FIRE	
Flip Mand ID:	005395548J	
CFI ID:	10674	ALERT FIRE COMPANY
Destin. ID:	SRS	
Manifest ID:	000480770F	
Flip CFI ID:	2050	CASIE HAZ FLIPS
Poject ID:		
Trk Co ID:	CASIE PRO	

Gross:	77060 lb (M)
Tare:	36560 lb
Net:	40500 lb
Gross:	38.53 tn (M)
Tare:	18.28 tn
Net:	20.25 tn

Comments:
Operator: 4 Charge by Weight
0 lb= 0 0

Signature: Laura Watson

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: NYD981082332
2. Page 1 of
3. Emergency Response Phone: 800-300-3122
4. Manifest Tracking Number: 000480768 FLE

GENERATOR

5. Generator's Name and Mailing Address: ALERT FIRE COMPANY, 130 STEAMBOAT ROAD, GREAT NECK, NY 11024
Generator's Phone: (631) 727-2700
Generator's Site Address (if different than mailing address):

6. Transporter 1 Company Name: ALLSTATE O.R.C.
U.S. EPA ID Number: NJD986508630

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address: CASIE ECOLOGY OIL SALVAGE INC, 3209 NORTH MILL ROAD, VINELAND, NJ 08380
Facility's Phone:
U.S. EPA ID Number: NJD046995693

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
	1. RQ HAZARDOUS WASTE SOLID, N.O.S. (D039) 9, UN3077, III	1	dT	30,000	P	D039		
	2. Received Pending Quality Assurance							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
CFI # 10674-CID, ERG-171 (E,S)
Box # 1271

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator/Offeror's Printed/Typed Name: (as agent) Signature: Christopher J. Flynn Month: 3 Day: 10 Year: 09

INTL

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Jake Mathews Signature: Month: 3 Day: 10 Year: 09
Transporter 2 Printed/Typed Name: Signature: Month: Day: Year:

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H141 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Edward S Lang Signature: Month: 03 Day: 16 Year: 09

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

RECEIVED MAR 17 2009

Casie Protank*
*Vineland NJ *
856-696-4401
Have a nice day!

Transaction No.
54934

	Date	Time	Scale
In:	03/10/2009	13:41	1
Out:	03/10/2009	13:55	1

Gross:	56460 lb	(M)
Tare:	33820 lb	
Net:	22640 lb	
Gross:	28.23 tn	(M)
Tare:	16.91 tn	
Net:	11.32 tn	

Vehicle ID: AS1271
Origin ID: GREAT NECK
Generator ID: ALERT FIRE

Flip Mand ID:
CFI ID: 10674 ALERT FIRE COMPANY
Destin. ID: CASIE
Manifest ID: 000480768F
Flip CFI ID:
Poject ID:
Trk Co ID: ALLSTATE O

Comments:
Operator: 4 Charge by Weight
0 lb= 0

Signature: Tracy Deeney

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
NJD981082332	1	800-308-3122	001269505 FLE

GENERATOR

5. Generator's Name and Mailing Address: Alert Fire Company, 130 Steamboat Rd. Great Neck NY 11023
Generator's Site Address (if different than mailing address):
Generator's Phone:

6. Transporter 1 Company Name: Allstate ORC — U.S. EPA ID Number: NJD986588630

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: CASIE Ecology Oil Salvage, Inc., 3209 North Mill Rd. Vineland, N.J. 08360 — U.S. EPA ID Number: NJD004995693
Facility's Phone:

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ, Hazardous Waste, Solid, N.O.S. (D039), 9, UN3077, Pg. III	001	CM	300#	P	D039		
	2. Received Pending Quality Assurance							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
CFI # 10674 - CID, ERG #171

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.
Generator's/Offeror's Printed/Typed Name — Signature — Month Day Year

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name — Signature — Month Day Year: 4 21 07
Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
18b. Alternate Facility (or Generator) — Manifest Reference Number — U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H141 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Edward S[illegible] — Signature — Month 4 Day 20 Year 07

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY'S COPY

Casie Protank*
*Vineland NJ *
856-696-4401
Have a nice day!

Transaction No.
57190

	Date	Time	Scale
In:	04/20/2009	10:20	1
Out:	04/20/2009	11:25	1

Vehicle ID: AS0113
Origin ID: GREAT NECK
Generator ID: ALERT FIRE

Flip Mand ID:
CFI ID: 10674 ALERT FIRE COMPANY
Destin. ID: CASIE
Manifest ID: 001269505F
Flip CFI ID:
Poject ID:
Trk Co ID: ALLSTATE O

Gross:	74500 lb	(M)
Tare:	33340 lb	
Net:	41160 lb	

Gross:	37.25 tn	(M)
Tare:	16.67 tn	
Net:	20.58 tn	

Comments:
Operator: 4
0 lb= Charge by Weight 0

Signature: Gracy Alenzay

APPENDIX I
Non-Hazardous Waste Manifests

Please print or type.
Form designed for use on elite (12-pitch) typewriter.

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	00001	

GENERATOR

3. Generator's Name and Mailing Address: Alert Fire Comp. 140 Steam Boat Rd Great Neck

4. Generator's Phone ( )

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Eastern Environmental Sol	NAD	631-727-2700
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address: 472 Nicolls Rd Deer Park	10. US EPA ID Number	C. Facility's Phone: 631-586-0002

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. non haz non Regulated Solid	000	DT	0.0015	Yd
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Box #3

Emergency 631-727-2700

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
J Zito As Agent	J Zito	01	21	09

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
J Zito	J Zito	01	21	09

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
TARA BOGGS		2	2	09

ORIGINAL-RETURN TO GENERATOR

WRE / EarthCare

An RMS Company

Making Water Clean Again

17797

Site # 67718
WO. # 840898
Date 2.2009 PO # _____

Suffolk 631-961-7999 • 631-586-0002 • Nassau 516-933-8820
East End Suffolk 631-369-6567 • Toll Free 1-888-75-DRAIN

SERVICE ADDRESS

Customer Name: Alert Fire
Address: _____
City/State: Great Neck Zip: _____
Contact: _____

BILLING ADDRESS

Customer Name: Eastern Env
Address: _____
City/State: _____ Zip: _____

TIME RECORD

Departure: _____
Arrival: _____
Departure from Customer: _____
Arrival at Disposal Site: _____
Departure from Disposal Site: _____
Total Time: _____
Reason for Delay _____

☐ Raw Sewage ☐ Grease Trap
☐ Sewage Sludge ☐ Alum
☐ Leachate ☐ Industrial
☐ Septic Tank/Cesspool ☐ Wet Well/Ejector Pit
☐ Holding Tank ☐ Other

INVOICE DATA

Payment Check # _____
Credit Card ☐ Amex ☐ Discover ☐ MC ☐ Visa
Card # Exp. Date: _____
Gals _____ @ _____
Tons/Yards 23.48 @ _____
Jet/Vactor Rate _____ Hours _____
Labor _____
Misc. _____
Emergency Charge _____
Sub Total _____
Tax _____
Total _____
Customer's Signature Carin Von Baumbach
Driver/Helper Name: _____

Customer Disclosure: In the event of payment delinquency, EARTHCARE is a consumer reporting company, in accordance with the Fair Debt Reporting and Fair Debt Collection Practices. Reasonable costs associated with the collection of past due or delinquent accounts are the full responsibility of the customer.

COMMENTS / NOTES:

Disposal Ticket # _____ **Manifest #** 00001

FORM 126

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Doc. No. 00001

2. Page 1 of 1

3. Generator's Name and Mailing Address: Alert Fire Co, 140 Steam Boat Rd, Great Neck

4. Generator's Phone ( )

5. Transporter 1 Company Name: Eastern Environmental

6. US EPA ID Number: 1A698

A. Transporter's Phone: 631-727-2200

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address: RMS, 972 Nicolls Rd, Deer Park

10. US EPA ID Number

C. Facility's Phone: 631-586-0002

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Non Haz Non Regulated Soil	001	QT	00003	Yd
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information: EC EE 510

Emergency 631-727-2200

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Christopher J Flynn (As Agent) Signature: [signature] Month 03 Day 10 Year 09

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: J Zito Signature: [signature] Month 03 Day 10 Year 09

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name Signature Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: TARA Boggs Signature: [signature] Month 3 Day 10 Year 09

GENERATOR — TRANSPORTER — FACILITY

ORIGINAL-RETURN TO GENERATOR

WRE / EarthCare

An RMS Company

Making Water Clean Again

17356

Site # 67718

WO. # 543802

Date 3-10-09 PO #

Suffolk 631-961-7999 • 631-586-0002 • Nassau 516-933-8820
East End Suffolk 631-369-6567 • Toll Free 1-888-75-DRAIN

SERVICE ADDRESS

Customer Name: Alert Fire

Address:

City/State: Greenport Zip:

Contact:

BILLING ADDRESS

Customer Name: Eastern Env

Address:

City/State: Zip:

TIME RECORD

Departure:

Arrival:

Departure from Customer:

Arrival at Disposal Site:

Departure from Disposal Site:

TotalTime:

Reason for Delay

- ☐ Raw Sewage
- ☐ Sewage Sludge
- ☐ Leachate
- ☐ Septic Tank/Cesspool
- ☐ Holding Tank
- ☐ Grease Trap
- ☐ Alum
- ☐ Industrial
- ☐ Wet Well/Ejector Pit
- ☐ Other

INVOICE DATA

Payment Check #

Credit Card ☐ Amex ☐ Discover ☐ MC ☐ Visa

Card # Exp. Date:

Gals @

Tons/Yards 3.36 @

Jet/Vactor Rate Hours

Labor

Misc.

Emergency Charge

Sub Total

Tax

Total

Customer's Signature

Driver/Helper Name:

Customer Disclosure: In the event of payment delinquency, EARTHCARE is a consumer reporting company, in accordance with the Fair Debt Reporting and Fair Debt Collection Practices. Reasonable costs associated with the collection of past due or delinquent accounts are the full responsibility of the customer.

COMMENTS / NOTES:

Disposal Ticket # **Manifest #** 00001

FORM 126

APPENDIX J
Stockpiled Backfill Soil Lab Report

H2M LABS, INC.
575 Broad Hollow Road, Melville NY 11747
(631)694-3040 . FAX: (631)420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

Alert Fire Company

Lab No. : 0901695-001A

Sample Information...
Type : Soil

,
Attn To :

Origin:

Client ID. : WASTE CLASS

Collected : 1/21/2009 1:05:00 PM
Received : 1/23/2009 2:48:00 PM
Collected By : EVT

Sample received outside of analytical holding time for pH

Copy : Original

CC

Parameter(s)	Results	Qualifier	D.F.	Units	Method Number	Analyzed
Petroleum Hydrocarbons C10-C45 (approx.)	83		1	mg/Kg-dry	SW8015M	01/28/2009 11:40 PM
Aroclor 1016	< 37		1	µg/Kg-dry	SW8082	02/09/2009 11:47 AM
Aroclor 1221	< 75		1	µg/Kg-dry	SW8082	02/09/2009 11:47 AM
Aroclor 1232	< 37		1	µg/Kg-dry	SW8082	02/09/2009 11:47 AM
Aroclor 1242	< 37		1	µg/Kg-dry	SW8082	02/09/2009 11:47 AM
Aroclor 1248	< 37		1	µg/Kg-dry	SW8082	02/09/2009 11:47 AM
Aroclor 1254	320		1	µg/Kg-dry	SW8082	02/09/2009 11:47 AM
Aroclor 1260	< 37		1	µg/Kg-dry	SW8082	02/09/2009 11:47 AM
Phenol	< 370		1	µg/Kg-dry	SW8270C	02/04/2009 5:28 PM
Bis(2-chloroethyl)ether	< 370		1	µg/Kg-dry	SW8270C	02/04/2009 5:28 PM
2-Chlorophenol	< 370		1	µg/Kg-dry	SW8270C	02/04/2009 5:28 PM
1,3-Dichlorobenzene	< 370		1	µg/Kg-dry	SW8270C	02/04/2009 5:28 PM
1,4-Dichlorobenzene	< 370		1	µg/Kg-dry	SW8270C	02/04/2009 5:28 PM
1,2-Dichlorobenzene	< 370		1	µg/Kg-dry	SW8270C	02/04/2009 5:28 PM
2-Methylphenol	< 370		1	µg/Kg-dry	SW8270C	02/04/2009 5:28 PM
2,2'-oxybis(1-Chloropropane)	< 370		1	µg/Kg-dry	SW8270C	02/04/2009 5:28 PM
4-Methylphenol	< 370		1	µg/Kg-dry	SW8270C	02/04/2009 5:28 PM
N-Nitroso-di-n-propylamine	< 370		1	µg/Kg-dry	SW8270C	02/04/2009 5:28 PM
Hexachloroethane	< 370		1	µg/Kg-dry	SW8270C	02/04/2009 5:28 PM
Nitrobenzene	< 370		1	µg/Kg-dry	SW8270C	02/04/2009 5:28 PM
Isophorone	< 370		1	µg/Kg-dry	SW8270C	02/04/2009 5:28 PM
2-Nitrophenol	< 370		1	µg/Kg-dry	SW8270C	02/04/2009 5:28 PM
2,4-Dimethylphenol	< 370		1	µg/Kg-dry	SW8270C	02/04/2009 5:28 PM
bis(2-Chloroethoxy)methane	< 370		1	µg/Kg-dry	SW8270C	02/04/2009 5:28 PM
2,4-Dichlorophenol	< 370		1	µg/Kg-dry	SW8270C	02/04/2009 5:28 PM
1,2,4-Trichlorobenzene	< 370		1	µg/Kg-dry	SW8270C	02/04/2009 5:28 PM
Naphthalene	< 370		1	µg/Kg-dry	SW8270C	02/04/2009 5:28 PM
4-Chloroaniline	< 370		1	µg/Kg-dry	SW8270C	02/04/2009 5:28 PM
Hexachlorobutadiene	< 370		1	µg/Kg-dry	SW8270C	02/04/2009 5:28 PM
4-Chloro-3-methylphenol	< 370		1	µg/Kg-dry	SW8270C	02/04/2009 5:28 PM
2-Methylnaphthalene	< 370		1	µg/Kg-dry	SW8270C	02/04/2009 5:28 PM
Hexachlorocyclopentadiene	< 370		1	µg/Kg-dry	SW8270C	02/04/2009 5:28 PM
2,4,6-Trichlorophenol	< 370		1	µg/Kg-dry	SW8270C	02/04/2009 5:28 PM
2,4,5-Trichlorophenol	< 930		1	µg/Kg-dry	SW8270C	02/04/2009 5:28 PM
2-Chloronaphthalene	< 370		1	µg/Kg-dry	SW8270C	02/04/2009 5:28 PM
2-Nitroaniline	< 930		1	µg/Kg-dry	SW8270C	02/04/2009 5:28 PM
Dimethylphthalate	< 370		1	µg/Kg-dry	SW8270C	02/04/2009 5:28 PM
Acenaphthylene	< 370		1	µg/Kg-dry	SW8270C	02/04/2009 5:28 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

D.F. = Dilution Factor

Nicole R. Crespi

Date Reported : 2/10/2009

QA Manager

H2M LABS, INC.
575 Broad Hollow Road, Melville NY 11747
(631)694-3040 . FAX: (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

Alert Fire Company

Lab No. : 0901695-001A

Sample Information...
Type : Soil

Attn To :

Origin:

Client ID. : WASTE CLASS

Collected : 1/21/2009 1:05:00 PM
Received : 1/23/2009 2:48:00 PM
Collected By : EVT

Sample received outside of analytical holding time for pH

Copy : Original

CC

Parameter(s)	Results	Qualifier	D.F.	Units	Method Number	Analyzed
2,6-Dinitrotoluene	< 370		1	µg/Kg-dry	SW8270C	02/04/2009 5:28 PM
3-Nitroaniline	< 930		1	µg/Kg-dry	SW8270C	02/04/2009 5:28 PM
Acenaphthene	< 370		1	µg/Kg-dry	SW8270C	02/04/2009 5:28 PM
2,4-Dinitrophenol	< 930		1	µg/Kg-dry	SW8270C	02/04/2009 5:28 PM
4-Nitrophenol	< 930		1	µg/Kg-dry	SW8270C	02/04/2009 5:28 PM
Dibenzofuran	< 370		1	µg/Kg-dry	SW8270C	02/04/2009 5:28 PM
2,4-Dinitrotoluene	< 370		1	µg/Kg-dry	SW8270C	02/04/2009 5:28 PM
Diethylphthalate	< 370		1	µg/Kg-dry	SW8270C	02/04/2009 5:28 PM
4-Chlorophenyl-phenylether	< 370		1	µg/Kg-dry	SW8270C	02/04/2009 5:28 PM
Fluorene	< 370		1	µg/Kg-dry	SW8270C	02/04/2009 5:28 PM
4-Nitroaniline	< 930		1	µg/Kg-dry	SW8270C	02/04/2009 5:28 PM
4,6-Dinitro-2-methylphenol	< 930		1	µg/Kg-dry	SW8270C	02/04/2009 5:28 PM
N-Nitrosodiphenylamine	< 370		1	µg/Kg-dry	SW8270C	02/04/2009 5:28 PM
4-Bromophenyl-phenylether	< 370		1	µg/Kg-dry	SW8270C	02/04/2009 5:28 PM
Hexachlorobenzene	< 370		1	µg/Kg-dry	SW8270C	02/04/2009 5:28 PM
Pentachlorophenol	< 930		1	µg/Kg-dry	SW8270C	02/04/2009 5:28 PM
Phenanthrene	< 370		1	µg/Kg-dry	SW8270C	02/04/2009 5:28 PM
Anthracene	< 370		1	µg/Kg-dry	SW8270C	02/04/2009 5:28 PM
Carbazole	< 370		1	µg/Kg-dry	SW8270C	02/04/2009 5:28 PM
Di-n-butyl phthalate	< 370		1	µg/Kg-dry	SW8270C	02/04/2009 5:28 PM
Fluoranthene	< 370		1	µg/Kg-dry	SW8270C	02/04/2009 5:28 PM
Pyrene	< 370		1	µg/Kg-dry	SW8270C	02/04/2009 5:28 PM
Butyl benzyl phthalate	< 370		1	µg/Kg-dry	SW8270C	02/04/2009 5:28 PM
3,3´-Dichlorobenzidine	< 370		1	µg/Kg-dry	SW8270C	02/04/2009 5:28 PM
Benzo(a)anthracene	< 370		1	µg/Kg-dry	SW8270C	02/04/2009 5:28 PM
Chrysene	< 370		1	µg/Kg-dry	SW8270C	02/04/2009 5:28 PM
bis(2-Ethylhexyl)phthalate	1300		1	µg/Kg-dry	SW8270C	02/04/2009 5:28 PM
Di-n-octyl phthalate	< 370		1	µg/Kg-dry	SW8270C	02/04/2009 5:28 PM
Benzo(b)fluoranthene	< 370		1	µg/Kg-dry	SW8270C	02/04/2009 5:28 PM
Benzo(k)fluoranthene	< 370		1	µg/Kg-dry	SW8270C	02/04/2009 5:28 PM
Benzo(a)pyrene	< 370		1	µg/Kg-dry	SW8270C	02/04/2009 5:28 PM
Indeno(1,2,3-cd)pyrene	< 370		1	µg/Kg-dry	SW8270C	02/04/2009 5:28 PM
Dibenzo(a,h)anthracene	< 370		1	µg/Kg-dry	SW8270C	02/04/2009 5:28 PM
Benzo(g,h,i)perylene	< 370		1	µg/Kg-dry	SW8270C	02/04/2009 5:28 PM
Gasoline Range Organics C6-C10	< 220		1	µg/Kg-dry	SW8015M	02/03/2009 6:06 PM
Chloromethane	< 11		1	µg/Kg-dry	SW8260B	01/28/2009 1:59 AM
Vinyl chloride	< 11		1	µg/Kg-dry	SW8260B	01/28/2009 1:59 AM
Bromomethane	< 11		1	µg/Kg-dry	SW8260B	01/28/2009 1:59 AM
Chloroethane	< 11		1	µg/Kg-dry	SW8260B	01/28/2009 1:59 AM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

D.F. = Dilution Factor

Nicole R. Crespi

Date Reported : 2/10/2009

QA Manager

H2M LABS, INC.
575 Broad Hollow Road, Melville NY 11747
(631)694-3040 . FAX: (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

Alert Fire Company

Lab No. : 0901695-001A

Sample Information...
Type : Soil

Attn To :

Origin:

Client ID. : WASTE CLASS

Collected : 1/21/2009 1:05:00 PM
Received : 1/23/2009 2:48:00 PM
Collected By : EVT

Sample received outside of analytical holding time for pH

Copy : Original

CC

Parameter(s)	Results	Qualifier	D.F.	Units	Method Number	Analyzed
1,1-Dichloroethene	< 11		1	µg/Kg-dry	SW8260B	01/28/2009 1:59 AM
1,2-Dichloroethene (total)	< 11		1	µg/Kg-dry	SW8260B	01/28/2009 1:59 AM
Acetone	< 11		1	µg/Kg-dry	SW8260B	01/28/2009 1:59 AM
Carbon disulfide	< 11		1	µg/Kg-dry	SW8260B	01/28/2009 1:59 AM
Methylene chloride	< 11		1	µg/Kg-dry	SW8260B	01/28/2009 1:59 AM
1,1-Dichloroethane	< 11		1	µg/Kg-dry	SW8260B	01/28/2009 1:59 AM
2-Butanone	< 11		1	µg/Kg-dry	SW8260B	01/28/2009 1:59 AM
Chloroform	< 11		1	µg/Kg-dry	SW8260B	01/28/2009 1:59 AM
1,1,1-Trichloroethane	< 11		1	µg/Kg-dry	SW8260B	01/28/2009 1:59 AM
Carbon tetrachloride	< 11		1	µg/Kg-dry	SW8260B	01/28/2009 1:59 AM
Benzene	< 11		1	µg/Kg-dry	SW8260B	01/28/2009 1:59 AM
1,2-Dichloroethane	< 11		1	µg/Kg-dry	SW8260B	01/28/2009 1:59 AM
Trichloroethene	< 11		1	µg/Kg-dry	SW8260B	01/28/2009 1:59 AM
1,2-Dichloropropane	< 11		1	µg/Kg-dry	SW8260B	01/28/2009 1:59 AM
Bromodichloromethane	< 11		1	µg/Kg-dry	SW8260B	01/28/2009 1:59 AM
cis-1,3-Dichloropropene	< 11		1	µg/Kg-dry	SW8260B	01/28/2009 1:59 AM
4-Methyl-2-pentanone	< 11		1	µg/Kg-dry	SW8260B	01/28/2009 1:59 AM
Toluene	< 11		1	µg/Kg-dry	SW8260B	01/28/2009 1:59 AM
trans-1,3-Dichloropropene	< 11		1	µg/Kg-dry	SW8260B	01/28/2009 1:59 AM
1,1,2-Trichloroethane	< 11		1	µg/Kg-dry	SW8260B	01/28/2009 1:59 AM
Tetrachloroethene	780	D	10	µg/Kg-dry	SW8260B	01/29/2009 10:46 PM
2-Hexanone	< 11		1	µg/Kg-dry	SW8260B	01/28/2009 1:59 AM
Dibromochloromethane	< 11		1	µg/Kg-dry	SW8260B	01/28/2009 1:59 AM
Chlorobenzene	< 11		1	µg/Kg-dry	SW8260B	01/28/2009 1:59 AM
Ethylbenzene	< 11		1	µg/Kg-dry	SW8260B	01/28/2009 1:59 AM
Xylene (total)	< 11		1	µg/Kg-dry	SW8260B	01/28/2009 1:59 AM
Styrene	< 11		1	µg/Kg-dry	SW8260B	01/28/2009 1:59 AM
Bromoform	< 11		1	µg/Kg-dry	SW8260B	01/28/2009 1:59 AM
1,1,2,2-Tetrachloroethane	< 11		1	µg/Kg-dry	SW8260B	01/28/2009 1:59 AM
Reactive Cyanide	< 100		1	mg/Kg	SW7.3.3.2	02/03/2009 1:22 PM
Ignitability	>60		1	°C	SW1010	01/30/2009 1:31 PM
Corrosivity PH	6.8		1	pH Units	SW9045	01/26/2009 11:00 AM
Percent Moisture	11.0		1	wt%	D2216	01/24/2009 9:50 AM
Reactive Sulfide	< 100		1	mg/Kg	SW7.3.4.2	02/03/2009 3:04 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

D.F. = Dilution Factor

Nicole R. Crespi

Date Reported : 2/10/2009

QA Manager

H2M LABS, INC.
575 Broad Hollow Road, Melville NY 11747
(631) 694-3040 . FAX: (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

Alert Fire Company

Lab No. : 0901695-001B

Sample Information...
Type : Soil

,
Attn To :

Origin:

Client ID. : WASTE CLASS

Collected : 1/21/2009 1:05:00 PM
Received : 1/23/2009 2:48:00 PM
Collected By : EVT

TCLP

Copy : Original

CC

Parameter(s)	Results	Qualifier	D.F.	Units	Method Number	Analyzed
Mercury	< 0.200		1	ug/L	SW1311/7470	01/29/2009 9:11 AM
Barium	< 10.0		1	mg/L	SW1311/6010	01/27/2009 11:31 PM
Cadmium	< 0.100		1	mg/L	SW1311/6010	01/27/2009 11:31 PM
Chromium	< 1.00		1	mg/L	SW1311/6010	01/27/2009 11:31 PM
Silver	< 1000		1	µg/L	SW1311/6010	01/27/2009 11:31 PM
Arsenic	< 1.00		1	mg/L	SW1311/6010	01/27/2009 11:31 PM
Lead	< 1.00		1	mg/L	SW1311/6010	01/27/2009 11:31 PM
Selenium	< 0.100		1	mg/L	SW1311/6010	01/27/2009 11:31 PM

Qualifiers: E - Value above quantitation range
D - Results for Dilution

D.F. = Dilution Factor

Nicole R. Crespi

Date Reported : 2/10/2009

QA Manager

APPENDIX K
110 Sand Backfill Soil Lab Report

110 Sand Company

170 Cabot Street
West Babylon, New York 11704
631-249-4108 Fax 631-249-4126

PIT LOCATION: BETHPAGE/SPAGNOLI ROAD, MELVILLE, N.Y. 11747 (631) 694-2822 FAX (631) 694-2832

April 30, 2009

Eastern Environmental Solutions, Inc.
258 Line Rd
Manorville, N.Y. 11949

Attention: Scott Hamarich

Re: Alert Fire Company
130 Steamboat Rd
Great Neck, NY

To Whom it May Concern:

Please be advised that the soil fill material being provided for the above referenced jobsite is virgin material from the 110 Sand Company pit located at 136 Spagnoli Rd, Melville, NY.

If I can be of any further assistance, please do not hesitate to call me at the above phone number.

Very truly yours,

James Debis

James Debis, P.E.
Engineer

LONG
ISLAND
ANALYTICAL
LABORATORIES INC.

"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164455
NJDEP# NY012
PADEP# 68-2943

LIAL #1176295

May 4, 2009

Eastern Environmental Solutions, Inc.
Scott Hamarich
258 Line Road
Manorville, New York 11949

Re: 110 Sand

Dear Mr. Hamarich:

Enclosed please find the Laboratory Analysis Report(s) for sample(s) received on April 30, 2009. Long Island Analytical Laboratories analyzed the samples on May 4, 2009 for the following:

CLIENT ID	ANALYSIS
Virgin Backfill	EPA 8260, EPA 8270, EPA 8081/8082, EPA 8151, Total (8) Metals, TPH 8015

Samples received at 1.4°C.

If you have any questions or require further information, please call at your convenience. Long Island Analytical Laboratories Inc. is a NELAP accredited laboratory. All reported results meet the requirements of the NELAP standards unless noted with the appropriate flag. Report shall not be reproduced except in full, without the written approval of the laboratory. Results relate only to items tested. Long Island Analytical Laboratories would like to thank you for the opportunity to be of service to you.

Best Regards,

Long Island Analytical Laboratories, Inc.

Client: Eastern Environmental	Client ID: 110 Sand (Virgin Backfill)
Date received: 4/30/09	Laboratory ID: 11776295
Date extracted: 5/1/09	Matrix: Soil
Date analyzed: 5/1/09	ELAP #: 11693

EPA METHOD 8260

PARAMETER	CAS No.	MDL	RESULTS ug/kg	FLAG
DICHLORODIFLUOROMETHANE	75-71-8	5 ug/kg	<5	
CHLOROMETHANE	74-87-3	5 ug/kg	<5	
VINYL CHLORIDE	75-01-4	5 ug/kg	<5	
BROMOMETHANE	74-83-9	5 ug/kg	<5	
CHLOROETHANE	75-00-3	5 ug/kg	<5	
TRICHLOROFLUOROMETHANE	75-69-4	5 ug/kg	<5	
1,1-DICHLOROETHENE	75-35-4	5 ug/kg	<5	
METHYLENE CHLORIDE	75-09-2	5 ug/kg	<5	
trans-1,2-DICHLOROETHENE	156-60-5	5 ug/kg	<5	
1,1-DICHLOROETHANE	75-34-3	5 ug/kg	<5	
2,2-DICHLOROPROPANE	594-20-7	5 ug/kg	<5	
cis-1,2-DICHLOROETHENE	156-59-2	5 ug/kg	<5	
BROMOCHLOROMETHANE	74-97-5	5 ug/kg	<5	
CHLOROFORM	67-66-3	5 ug/kg	<5	
1,1,1-TRICHLOROETHANE	71-55-6	5 ug/kg	<5	
CARBON TETRACHLORIDE	56-23-5	5 ug/kg	<5	
1,1-DICHLOROPROPENE	563-58-6	5 ug/kg	<5	
BENZENE	71-43-2	5 ug/kg	<5	
1,2-DICHLOROETHANE	107-06-2	5 ug/kg	<5	
TRICHLOROETHENE	79-01-6	5 ug/kg	<5	
1,2-DICHLOROPROPANE	78-87-5	5 ug/kg	<5	
DIBROMOMETHANE	74-95-3	5 ug/kg	<5	
BROMODICHLOROMETHANE	75-27-4	5 ug/kg	<5	
cis-1,3-DICHLOROPROPENE	10061-01-5	5 ug/kg	<5	
TOLUENE	108-88-3	5 ug/kg	<5	
trans-1,3-DICHLOROPROPENE	10061-02-6	5 ug/kg	<5	
1,1,2-TRICHLOROETHANE	79-00-5	5 ug/kg	<5	
TETRACHLOROETHYLENE	127-18-4	5 ug/kg	<5	
1,3-DICHLOROPROPANE	142-28-9	5 ug/kg	<5	
DIBROMOCHLOROMETHANE	124-48-1	5 ug/kg	<5	
1,2-DIBROMOETHANE	106-93-4	5 ug/kg	<5	
CHLOROBENZENE	108-90-7	5 ug/kg	<5	
1,1,1,2-TETRACHLOROETHANE	630-20-6	5 ug/kg	<5	
ETHYLBENZENE	100-41-4	5 ug/kg	<5	
STYRENE	100-42-5	5 ug/kg	<5	
BROMOFORM	75-25-2	5 ug/kg	<5	

MDL = Minimum Detection Limit. Calculated on a dry weight basis

Client: Eastern Environmental	Client ID: 110 Sand (Virgin Backfill)
Date received: 4/30/09	Laboratory ID: 1176295
Date extracted: 5/1/09	Matrix: Soil
Date analyzed: 5/1/09	ELAP #: 11693

EPA METHOD 8260

PARAMETER	CAS No.	MDL	RESULTS ug/kg	FLAG
ISOPROPYLBENZENE	98-82-8	5 ug/kg	<5	
BROMOBENZENE	108-86-1	5 ug/kg	<5	
1,1,2,2-TETRACHLOROETHANE	79-34-5	5 ug/kg	<5	
1,2,3-TRICHLOROPROPANE	96-18-4	5 ug/kg	<5	
n-PROPYLBENZENE	103-65-1	5 ug/kg	<5	
2-CHLOROTOLUENE	95-49-8	5 ug/kg	<5	
4-CHLOROTOLUENE	106-43-4	5 ug/kg	<5	
1,3,5-TRIMETHYLBENZENE	108-67-8	5 ug/kg	<5	
tert-BUTYLBENZENE	98-06-6	5 ug/kg	<5	
1,2,4-TRIMETHYLBENZENE	95-63-6	5 ug/kg	<5	
sec-BUTYLBENZENE	135-98-8	5 ug/kg	<5	
1,3-DICHLOROBENZENE	541-73-1	5 ug/kg	<5	
P-ISOPROPYLTOLUENE	99-87-6	5 ug/kg	<5	
1,4-DICHLOROBENZENE	106-46-7	5 ug/kg	<5	
1,2-DICHLOROBENZENE	95-50-1	5 ug/kg	<5	
n-BUTYLBENZENE	104-51-8	5 ug/kg	<5	
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	5 ug/kg	<5	
1,2,4-TRICHLOROBENZENE	120-82-1	5 ug/kg	<5	
HEXACHLOROBUTADIENE	87-68-3	5 ug/kg	<5	
NAPHTHALENE	91-20-3	5 ug/kg	<5	
1,2,3-TRICHLOROBENZENE	87-61-6	5 ug/kg	<5	
2-CHLOROETHYLVINYL ETHER	110-75-8	5 ug/kg	<5	
ACETONE	67-64-1	50 ug/kg	<50	
METHYL ETHYL KETONE	78-93-3	10 ug/kg	<10	
METHYL ISOBUTYL KETONE	108-10-1	5 ug/kg	<5	
p & m-XYLENES	1330-20-7	10 ug/kg	<10	
o-XYLENE	1330-20-7	5 ug/kg	<5	
CARBON DISULFIDE	751-15-0	5 ug/kg	<5	
MTBE	1634-04-4	5 ug/kg	<5	
VINYL ACETATE	108-05-4	5 ug/kg	<5	
2-HEXANONE	591-78-6	5 ug/kg	<5	

MDL = Minimum Detection Limit. Calculated on a dry weight basis

Michael Veraldi-Laboratory Director

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROW'S ANALYTICAL SOLUTIONS TODAY"
110 Colin Drive • Holbrook, New York 11741
Phone (631) 472-3400 • Fax (631) 472-6505 • Email: LIAL@liallinc.com

Client: Eastern Environmental	Client ID: 110 Sand (Virgin Backfill)
Date received: 4/30/09	Laboratory ID: 1176285
Date extracted: 5/1/09	Matrix: Soil
Date analyzed: 5/1/09	ELAP #: 11693

EPA METHOD 8270

Parameter	CAS No.	MDL	Results ug/kg	Flag
N-NITROSODIMETHYLAMINE	62-75-9	40 ug/kg	<40	CC
PHENOL	108-95-2	40 ug/kg	<40	CC
ANILINE	62-53-3	40 ug/kg	<40	CC
2-CHLOROPHENOL	95-57-8	40 ug/kg	<40	CC
Bis(2-CHLOROETHYL)ETHER	111-44-4	40 ug/kg	<40	CC
1,3-DICHLOROBENZENE	541-73-1	40 ug/kg	<40	CC
1,4-DICHLOROBENZENE	106-46-7	40 ug/kg	<40	CC
BENZYL ALCOHOL	100-51-6	40 ug/kg	<40	CC
1,2-DICHLOROBENZENE	95-50-1	40 ug/kg	<40	CC
2-METHYLPHENOL	95-48-7	40 ug/kg	<40	CC
Bis(2-CHLOROISOPROPYL)ETHER	108-60-1	40 ug/kg	<40	CC
HEXACHLOROETHANE	67-72-1	40 ug/kg	<40	CC
3+4-METHYLPHENOL	15831-10-4	40 ug/kg	<40	CC
N-NITROSODI-n-PROPYL AMINE	621-64-7	40 ug/kg	<40	CC
NITROBENZENE	98-95-3	40 ug/kg	<40	CC
ISOPHORONE	78-59-1	40 ug/kg	<40	CC
2-NITROPHENOL	88-75-5	40 ug/kg	<40	CC
2,4-DIMETHYLPHENOL	105-67-9	40 ug/kg	<40	CC
BENZOIC ACID	65-85-0	40 ug/kg	<40	CC
Bis(2-CHLOROETHOXY)METHANE	111-91-1	40 ug/kg	<40	CC
2,4-DICHLOROPHENOL	120-83-2	40 ug/kg	<40	CC
1,2,4-TRICHLOROBENZENE	120-82-1	40 ug/kg	<40	CC
NAPHTHALENE	91-20-3	40 ug/kg	<40	CC
4-CHLOROANILINE	106-47-8	40 ug/kg	<40	CC
HEXACHLOROBUTADIENE	87-68-3	40 ug/kg	<40	CC
4-CHLORO-3-METHYLPHENOL	59-50-7	40 ug/kg	<40	CC
2-METHYLNAPHTHALENE	91-57-6	40 ug/kg	<40	CC
HEXACHLOROCYCLOPENTADIENE	77-47-4	40 ug/kg	<40	CC
2,4,6-TRICHLOROPHENOL	88-06-2	40 ug/kg	<40	CC
2,4,5-TRICHLOROPHENOL	95-95-4	40 ug/kg	<40	CC
2-CHLORONAPHTHALENE	91-58-7	40 ug/kg	<40	CC
2-NITROANILINE	88-74-4	40 ug/kg	<40	CC
DIMETHYLPHTHALATE	131-11-3	40 ug/kg	<40	CC
ACENAPHTHYLENE	208-96-8	40 ug/kg	<40	CC
2,6-DINITROTOLUENE	606-20-2	40 ug/kg	<40	CC
3-NITROANILINE	99-09-2	40 ug/kg	<40	CC

MDL = Minimum Detection Limit. Calculated on a dry weight basis

Client: Eastern Environmental	Client ID: 110 Sand (Virgin Backfill)
Date received: 4/30/09	Laboratory ID: 1176295
Date extracted: 5/1/09	Matrix: Soil
Date analyzed: 5/1/09	ELAP #: 11693

EPA METHOD 8270

Parameter	CAS No.	MDL	Results ug/kg	Flag
ACENAPHTHENE	83-32-9	40 ug/kg	<40	CC
2,4-DINITROPHENOL	51-28-5	40 ug/kg	<40	CC
DIBENZOFURAN	132-64-9	40 ug/kg	<40	CC
4-NITROPHENOL	100-02-7	40 ug/kg	<40	CC
2,4-DINTROTOLUENE	121-14-2	40 ug/kg	<40	CC
FLUORENE	86-73-7	40 ug/kg	<40	CC
DIETHYLPHTHALATE	84-66-2	40 ug/kg	<40	CC
4-CHLOROPHENYL PHENYL ETHER	7005-72-3	40 ug/kg	<40	CC
4-NITROANILINE	100-01-6	40 ug/kg	<40	CC
4,6-DINITRO-2-METHYLPHENOL	534-52-1	40 ug/kg	<40	CC
N-NITROSODIPHENYLAMINE	86-30-6	40 ug/kg	<40	CC
AZOBENZENE	103-33-3	40 ug/kg	<40	CC
4-BROMOPHENYL-PHENYL ETHER	101-55-3	40 ug/kg	<40	CC
HEXACHLOROBENZENE	118-74-1	40 ug/kg	<40	CC
PENTACHLORPHENOL	87-86-5	40 ug/kg	<40	CC
PHENANTHRENE	85-01-8	40 ug/kg	<40	CC
ANTHRACENE	120-12-7	40 ug/kg	<40	CC
CARBAZOLE	86-74-8	40 ug/kg	<40	CC
Di-n-BUTYLPHTHALATE	84-74-2	500 ug/kg	<500	
FLUORANTHENE	206-44-0	40 ug/kg	<40	CC
PYRENE	129-00-0	40 ug/kg	<40	CC
BUTYLBENZYLPHTHALATE	85-68-7	40 ug/kg	<40	CC
BENZO-a-ANTHRACENE	56-55-3	40 ug/kg	<40	CC
CHRYSENE	218-01-9	40 ug/kg	<40	CC
3,3-DICHLOROBENZIDINE	91-94-1	40 ug/kg	<40	CC
Bis(2-ETHYLEXYL)PHTALATE	117-81-7	500 ug/kg	<500	
DI-n-OCTYLPHTHALATE	117-84-0	40 ug/kg	<40	CC
BENZO-b-FLUORANTHENE	205-99-2	40 ug/kg	<40	CC
BENZO-k- FLUORANTHENE	207-08-9	40 ug/kg	<40	CC
BENZO-a-PYRENE	50-32-8	40 ug/kg	<40	CC
INDENO(1,2,3-c,d)PYRENE	193-39-5	40 ug/kg	<40	CC
DIBENZO-a,h-ANTHRACENE	53-70-3	40 ug/kg	<40	CC
BENZO-g,h,i-PERYLENE	191-24-2	40 ug/kg	<40	CC

MDL = Minimum Detection Limit.

Calculated on a dry weight basis

Michael Veraldi

Michael Veraldi-Laboratory Director

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"
110 Colin Drive • Holbrook, New York 11741
Phone (631) 472-3400 • Fax (631) 472-8505 • Email: LIAL@liallinc.com

Client: Eastern Environmental	Client ID: 110 Sand (Virgin Backfill)
Date received: 4/30/09	Laboratory ID: 1176295
Date extracted: 5/1/09	Matrix: Soil
Date analyzed: 5/1/09	ELAP #: 11693

PESTICIDES EPA METHOD 8081/8082

COMPOUND	CAS No.	MDL	RESULTS ug/kg	FLAG
Aldrin	309-00-2	5 ug/kg	<5	
α - BHC	319-84-6	5 ug/kg	<5	
β - BHC	319-85-7	5 ug/kg	<5	
δ - BHC	319-86-8	5 ug/kg	<5	
γ - BHC (Lindane)	58-89-9	5 ug/kg	<5	
Chlordane	12789-03-6	15 ug/kg	<15	
4,4'- DDD	72-54-8	5 ug/kg	<5	
4,4'-DDE	72-55-9	5 ug/kg	<5	
4,4'-DDT	50-29-3	5 ug/kg	<5	
Dieldrin	60-57-1	5 ug/kg	<5	
Endosulfan I	959-98-8	5 ug/kg	<5	
Endosulfan II	33212-65-9	5 ug/kg	<5	
Endosulfan sulfate	1031-07-8	5 ug/kg	<5	
Endrin	72-20-8	5 ug/kg	<5	
Endrin aldehyde	7421-93-4	5 ug/kg	<5	
Heptachlor	76-44-8	5 ug/kg	<5	
Heptachlor epoxide	1024-57-3	5 ug/kg	<5	
4,4'-Methoxychlor	72-43-5	5 ug/kg	<5	
Toxaphene	8001-35-2	200 ug/kg	<200	
Endrin ketone	53494-70-5	5 ug/kg	<5	
Arochlor 1016	12674-11-2	200 ug/kg	<200	
Arochlor 1221	11104-28-2	200 ug/kg	<200	
Arochlor 1232	11141-16-5	200 ug/kg	<200	
Arochlor 1242	53469-21-9	200 ug/kg	<200	
Arochlor 1248	12672-29-6	200 ug/kg	<200	
Arochlor 1254	11097-69-1	200 ug/kg	<200	
Arochlor 1260	11096-82-5	200 ug/kg	<200	

MDL = Minimum Detection Limit. Calculated on a dry weight basis

Michael Veraldi-Laboratory Director

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"TOMORROW'S ANALYTICAL SOLUTIONS TODAY"
110 Colin Drive • Holbrook, New York 11741
Phone (631) 472-3400 • Fax (631) 472-8505 • Email: LIAL@lialinc.com

Client: Eastern Environmental	Client ID: 110 Sand (Virgin Backfill)
Date received: 4/30/09	Laboratory ID: 11176295
Date extracted: 5/1/09	Matrix: Soil
Date analyzed: 5/4/09	ELAP #: 11693

EPA METHOD 8151

PARAMETER	CAS #	MDL	RESULTS ug/kg	FLAG
DICAMBA	1918-00-9	50 ug/kg	<50	
2,4-D	94-75-7	50 ug/kg	<50	
SILVEX(2,4,5-TP)	93-72-1	50 ug/kg	<50	
2,4,5-T	93-76-5	50 ug/kg	<50	
2,4-DB	94-82-6	50 ug/kg	<50	

MDL = Minimum Detection Limit. Calculated on a dry weight basis

Michael Veraldi

Michael Veraldi-Laboratory Director

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"
110 Colin Drive • Holbrook, New York 11741
Phone (631) 472-3400 • Fax (631) 472-8505 • Email: LIAL@liallinc.com

Client: Eastern Environmental	Client ID: 110 Sand (Virgin Backfill)
Date received: 4/30/09	Laboratory ID: 1176295
Date analyzed: See Below	Matrix: Soil

METALS ANALYSIS

Parameter	MDL	Date Analyzed	Results mg/kg	Flag
SILVER, Ag	1.65 mg/kg	5/1/09	<1.65	
ARSENIC, As	1.65 mg/kg	5/1/09	<1.65	V
BARIUM, Ba	3.33 mg/kg	5/1/09	4.47	
CADMIUM, Cd	1.00 mg/kg	5/1/09	<1.00	
CHROMIUM, Cr	1.65 mg/kg	5/1/09	2.84	
MERCURY, Hg*	0.020 mg/kg	5/1/09	<0.020	
LEAD, Pb	1.65 mg/kg	5/1/09	2.32	
SELENIUM, Se	1.65 mg/kg	5/1/09	<1.65	

MDL = Minimum Detection Limit. Calculated on a dry weight basis
Performed by EPA Method 6010B
*Method: EPA 7471A

Michael Veraldi-Laboratory Director

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROW'S ANALYTICAL SOLUTIONS TODAY"
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Phone (631) 472-3400 • Fax (631) 472-8505 • Email: LIAL@liallinc.com

Client: Eastern Environmental	Client ID: 110 Sand (Virgin Backfill)
Date received: 4/30/09	Laboratory ID: 1176295
Date extracted: 5/1/09	Matrix: Soil
Date analyzed: 5/1/09	ELAP #: 11693

TPH 8015 ANALYSIS

Lab ID#	Client ID	MDL	Results mg/kg	Flag
1176295	Virgin Backfill	100 mg/kg	<100	

MDL = Minimum Detection Limit. Calculated on a dry weight basis

Michael Veraldi-Laboratory Director

LONG ISLAND ANALYTICAL LABORATORIES INC.

110 Colin Drive • Holbrook, New York 11741 • Phone (631) 472-3400 • Fax (631) 472-8505 • Email: LIAL@lialinc.com

Pg 1 of 1

CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

0044306

CLIENT NAME/ADDRESS: Eastern Environmental Solutions

CONTACT: S. Hernandez

PHONE: 631-727-2700

FAX: 631-727-2777

SAMPLER (SIGNATURE): [signature] DATE: 4/30/09 TIME: 12:06

SAMPLER NAME (PRINT): Steve Hernandez DATE: 4/30/09 TIME: 12:06

SAMPLE(S) SEALED: YES / NO

CORRECT CONTAINER(S): YES / NO

PROJECT LOCATION: 110 Shore

SAMPLES RECEIVED AT: 1.4 °C

TERMS & CONDITIONS: Accounts are payable in full within thirty days, outstanding balances accrue service charges of 1.5% per month. Tendering of samples to LIAL for analytical testing constitutes agreement by buyer/sampler to LIAL's Standard terms.

LABORATORY ID # (For Laboratory Use Only)	MATRIX	TYPE	pH	RES. CHLORINE	PRES.	DATE	TIME	SAMPLE # LOCATION	VOCs (8260)	SVOCs (8270)	RCRA Metals	Pesticides	Herbicides	TPH (8015B)						# OF CONTAINERS
1. 1176193	S	G			1	4/30/09	12:06	Virgin Backfill	X	X	X	X	X	X						4
2.																				
3.																				
4.																				
5.																				
6.																				
7.																				
8.																				
9.																				
10.																				
11.																				
12.																				
13.																				
14.																				

MATRIX: S=SOIL; SL=SLUDGE; DW=DRINKING WATER; A=AIR; W=WIPE; PC=PAINT CHIPS; BM= BULK MATERIAL, O=OIL, WW=WASTE WATER

TYPE: G=GRAB; C=COMPOSITE; SS=SPLIT SPOON

PRES: (1) ICE; (2) HCL; (3) H_2SO_4; (4) NAOH; (5) $NA_2S_2O_3$; (6) HNO_3; (7) OTHER

TURNAROUND REQUIRED: ☐ NORMAL ☒ STAT BY 5/1/09

COMMENTS / INSTRUCTIONS: 24 Hr TAT / 48hr TAT - due to [illegible]

RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY (SIGNATURE)	DATE / TIME	PRINTED NAME
[signature]	DATE 4/30/09 TIME 1345	Robert Casablanca		DATE TIME	
RELINQUISHED BY (SIGNATURE)	DATE TIME	PRINTED NAME	RECEIVED BY SAMPLE CUSTODIAN [signature]	DATE 4/30/09 TIME 1450	PRINTED NAME

WHITE - OFFICE / CANARY - LAB / PINK - SAMPLE CUSTODIAN / GOLDENROD - CLIENT NYSDOH ELAP# 11693 USEPA# NY01273 AIHA# 164456 CTDOH# PH-0284