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Nick Acampora
New York State Department of Environmental Conservation
Division of Environmental Remediation - Region 1
SUNY Campus
Building 40 Loop Road
Stony Brook, NY 11790-2356

SCANNED

Re: Final Remedial Investigation Report
Former Cibro Petroleum Terminal Site
Harbor Island, New York
BCP Site #C130153 / BCA Index #W1-1075-05-09

Dear Mr. Acampora:

On behalf of Posillico Development Company at Harbor Island, Inc. (PDC), I have enclosed two copies of Gannett Fleming's Final Remedial Investigation Report for the above-referenced property. The report was prepared in general conformance with the requirements in the Brownfield Cleanup Agreement between PDC and the New York State Department of Environmental Conservation (NYSDEC) and outlined in the Department's DER-10 guidance document.

Please call if you have any questions or require additional information.

Very truly yours,

GANNETT FLEMING ENGINEERS, P.C.

Gary A. Rozmus

GARY A. ROZMUS, P.E.
Vice President

cc: M. Posillico
E. Koch

POSILLICO DEVELOPMENT COMPANY AT HARBOR ISLAND, INC.
ISLAND PARK, NEW YORK

FINAL REMEDIAL
INVESTIGATION REPORT

BCP Site # C130153
BCA Index # W1-1075-05-09

May 2008

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EXECUTIVE SUMMARY

The Former Cibro Brothers Terminal Site on Washington Avenue in Island Park, New York (hereinafter the "Site") was used for oil bulk storage and distribution until site operations were terminated in or around 1990. The Site is an approximately 11-acre peninsula at the southern terminus of Washington Avenue on Harbor Island, Nassau County, New York. Petroleum releases caused by Cibro's former operations at the Site created the need for environmental investigation and remediation. In 1988, a New York State Department of Environmental Conservation (NYSDEC) Spill Number (#88-05691) was opened to address these releases, which was the same year Cibro filed for bankruptcy. The results of the remedial investigation (RI) and pilot study, which evaluated a variety of remedial technologies to address the contamination discovered at the Site is covered in this Remedial Investigation Report (RIR).

Blue Island Development, LLC (Blue Island) purchased the property from the Bankruptcy Court on November 2, 2000. Posillico Development Company at Harbor Island, Inc (PDC), the applicant and contract vendee, retained Gannett Fleming, Inc. (GF) to provide environmental engineering services in support of its proposed remediation and redevelopment of the property under the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP).

On behalf of PDC, GF prepared this Final Remedial Investigation Report in general conformance with the requirements in the Brownfield Cleanup Agreement and outlined in NYSDEC's DER-10 guidance document. The purpose of the report is to:

- Summarize the completed site characterization by defining the nature and extent of contamination on and likely to be emanating from the site, and finalize the remedial investigation using all data;
- Document the results of a soil vapor study performed at the request of the New York State Department of Health (NYSDOH);
- Present the results of a Qualitative Exposure Assessment (QEA), which evaluated the actual or potential exposure of humans, fish and wildlife to constituents of concern on and adjacent to the property; and

- Document the results of extensive soil and groundwater remediation pilot tests to evaluate remedial feasibility of several technologies, which were developed by GF and Posillico Environmental and approved by NYSDEC.

Remedial Investigation (RI)

A summary of the results of the RI are as follows:

Site Characterization

Prior studies performed in 2000 delineated the boundary of the contaminated portion of the property using total petroleum hydrocarbons (TPH) as the surrogate for petroleum hydrocarbon content. In the December 2000 study, comprehensive chemical data was collected outside of this boundary to document the absence of contaminants. The supplementary Remedial Investigation (RI) performed by GF in 2006-2007 collected the comprehensive chemical data needed to complete the characterization of the petroleum-contaminated area required by the Brownfield Cleanup Agreement (BCA) pursuant to ECL Title 14 and applicable regulations in 6 NYCRR §375 Subparts 1 and 3. These more recent investigation results have been combined with the earlier results to produce this Remedial Investigation Report (RIR).

In 2006, soil from eight (8) test pit excavations was stockpiled and subsequently used for feedstock for the first two rounds of pilot tests. Comprehensive chemical analyses of samples from the pilot test feedstock provided data describing the chemical quality of soil in each of the eight test pits. In 2007, more comprehensive soil samples were taken at three depths, in eighteen (18) different test pit locations. The test pits were positioned to obtain soil samples with the highest TPH content based on results from the earlier studies. The soil samples were analyzed for semi-volatile organic constituents (SVOCs), volatile organic constituents (VOCs), and metals. The data set was compared to the BCP soil cleanup objectives (SCOs) in order to determine the level of cleanup needed for the current permitted heavy industrial use of the property, as well as a potential change to residential use that as of date is in effect. (see attached Newsday article Appendix A1)

The laboratory results for the soil samples from the feedstock test pit excavations and the subsequent eighteen test pits confirm previous information regarding the presence of petroleum constituents that exceed standards. The chemicals identified in the samples were all consistent with virgin petroleum releases.

Soil Vapor Study

The generation of soil vapors is a potential issue with petroleum-contaminated soil, and, therefore, soil vapor was tested along the northern property line near the residential neighborhood at four (4) locations, and on post-treated soil from the ex situ oxidation methodology explained ahead. Although, in general, soil vapors from the test pits in the petroleum-contaminated area were evident, no soil vapors were detected above applicable standards along the northern property line. NYSDOH has not yet developed guidance on petroleum related vapors. Therefore, a conservative approach to evaluating the results was taken. Indoor air standards were compared to the outside soil vapor results. If outside soil vapor constituents did not exceed the indoor air standards, then this RI assumed such levels would exist at lower concentrations if detected indoors. Therefore, GF compared United States Environmental Protection Agency (USEPA) and New Jersey residential indoor air standards to the results of both sets of samples and found that no constituents exceeded the target indoor air concentrations used by either agency.

Groundwater Study

Previous studies collected groundwater quality information from eighteen different monitoring wells installed at various locations on the property. Groundwater at two of these locations had petroleum constituents that exceeded groundwater standards. Groundwater flows radially away from the northwest portion of the Site towards the east-southeasterly direction, generally away from the adjacent residential areas. Only one of the four groundwater monitoring wells located along the residential/industrial boundary had one chemical detected that was related to the petroleum releases, and that detection was below the applicable standards.

Qualitative Exposure Assessment (QEA)

A QEA was performed to determine the qualitative health risks posed to humans, fish and wildlife by the chemicals identified in the soil and groundwater on the Site and at the Site's property boundary line. The analysis determines if an exposure pathway exists, and if so, the extent to which it can be mitigated. If there is no pathway, there is no quantifiable risk.

The QEA found a pathway for industrial use that could be mitigated with a proper soil management plan and various cap and cover techniques. However, the QEA identified pathways that would require more extensive mitigation under a potential residential use scenario due to the long-term habitation of the Site with different exposure rates. In general, the QEA found that the exposure potential will be adequately mitigated once the contaminated soil is remediated to applicable residential SCOs.

Pilot Tests

Groundwater

GF performed a pilot test on a treatment technology using dissolved nitrate to reduce the chemical load in the affected groundwater. The results were favorable and showed that this technology could be used to remediate the groundwater in the part of the property where the dissolved constituents currently exceed the standards, and in areas post-remediation that may require treatment.

Soil

Three treatment technologies were tested during the pilot program: land farming, engineered biopile, and ex situ chemical oxidation. Feedstock soil used for the tests was excavated from areas of the Site that were delineated in earlier studies as having high TPH content. The land farm and biopile tests used approximately 50 cubic yards (CY) of soil each, whereas the oxidation test used approximately 1800 CY of soil.

The land farm was constructed by spreading the soil in a 6 to12-inch thick layer over a liner and tilling it periodically. The test area was covered with a polyethylene tarp in between tilling operations. Samples were taken several times throughout the year to monitor the results. The findings from this test indicated the ability to remove chemical constituents on a cost-effective basis to Track 1 SCOs. However, time and practical application may be limiting factors in applying its use.

The biopile was a 20-ft wide x 15-ft long x 5-ft high mound of soil constructed on a liner that had a network of air distribution piping weaved throughout the biopile to deliver oxygen to the microbes responsible for reducing the petroleum content in the soil. The pile was covered by a tarp and a blower was operated continuously until the end of the test. The findings from this test also indicated the ability to remove chemical constituents to desired Track 1 SCOs. However, operational requirements and the space required to implement this technology is generally greater than the other technologies.

Ex-situ oxidation was tested to see if thorough mixing of the petroleum-impacted soil with oxidizers via a pugmill would produce favorable results in a short period of time. The oxidation tests were run in November and December 2006, and July 2007. Tests were revised later in December 2006 and July 2007 when the data from the previous test was reviewed. The supplemental testing was performed to develop optimum performance and verify predictability. This methodology proved to be the most predictable and effective in reducing contamination and associated soil vapors in the least amount of time. It is also most likely to achieve the greatest elimination of contamination, and is likely to achieve Track 1 SCOs. However, it was the most expensive of the technologies tested. Despite its increased cost this is the methodology preferred by PDC since it is likely to achieve the best result in the least amount of time.

INTRODUCTION

The Former Cibro Brothers Terminal Site on Washington Avenue in Island Park, New York (hereinafter the "Site") was used for oil bulk storage and distribution until site operations were terminated in or around 1990. The Site is an approximately 11-acre peninsula at the southern terminus of Washington Avenue on Harbor Island, Nassau County, New York. Petroleum releases caused by Cibro's former operations at the Site created the need for environmental investigation and remediation. In 1988, a NYSDEC Spill Number (#88-05691) was opened to address these releases, which was the same year Cibro filed for bankruptcy. The results of the remedial investigation (RI) and pilot study, which evaluated a variety of remedial technologies to address the contamination discovered at the Site is covered in this Remedial Investigation Report (RIR).

Blue Island Development, LLC (Blue Island) purchased the property from the Bankruptcy Court on November 2, 2000. Posillico Development Company at Harbor Island, Inc (PDC), the applicant and contract vendee, retained Gannett Fleming, Inc. (GF) to provide environmental engineering services in support of its proposed remediation and redevelopment of the property under the NYSDEC BCP, and Blue Water Environmental, Inc. to provide contracting services for the pilot test under the oversight of GF.

On behalf of PDC, GF prepared this Final Remedial Investigation Report (RIR) in general conformance with the requirements in the Brownfield Cleanup Agreement and NYSDEC's DER-10 guidance document. The purpose of the report is to:

- Summarize the completed site characterization by defining the nature and extent of contamination on and likely to be emanating from the site, and finalize the remedial investigation using all data;
- Document the results of a soil vapor study performed at the request of the NYSDOH;
- Present the results of a Qualitative Exposure Assessment (QEA), which evaluated the actual or potential exposure of humans, fish and wildlife to constituents of concern on and adjacent to the property; and

- Document the results of extensive soil and groundwater remediation pilot tests to evaluate remedial feasibility of several technologies, which were developed by GF and Posillico Environmental and approved by NYSDEC.

A. Site Location and Description

The Site has the following characteristics:

- Eleven-acre site bordered by water on three sides, and thus constitutes a peninsula, which is largely protected by a bulkhead;
- Adjacent to residential property on its northern border;
- Previously zoned for heavy industrial use and recently rezoned for residential use subject to final site plan approval;
- Currently vacant, but covered with soil stockpiles, concrete tank bases, roadways, and one small building.

The Site, which is located at the southern terminus of Washington Avenue on Harbor Island, Nassau County, New York, is depicted on Figure 1. According to Nassau County tax maps, the Site is identified as Block 381, Lots 35, 36, 102, 314 and 323. Surface water bodies border the Site on three sides: Island Park Canal to the east; Wreck Lead Channel to the south; and Simmons Hassock Creek to the west. As noted above, residential properties border the site to the north and northwest, and an operating marina borders the site to the southwest. The property was zoned Y Industrial District at the beginning of this BCP Project. PDC recently received a zoning change from Y-Industrial to CA-Residential with the support of the adjacent residential neighbors who did not want the Site to be operated for as-of-right industrial uses. The Town of Hempstead recently approved the zoning change, which still requires numerous approvals relative to the final site plan.

The Site layout is shown on Figure 2. With the exception of a small building to the south and several concrete bases used to support aboveground storage tanks (ASTs) that are no longer on the property, all above-grade structures were removed prior to Blue Island's purchase. Most of the Site is covered by vegetation, soil stockpiles, recycled concrete aggregate stockpiles or exposed soil, with the remainder covered by asphalt-paved roadways and the previously-mentioned concrete tank bases. Most of the shoreline is supported by a bulkhead, except for a

portion to the west, which is at sea level and contains a mapped wetland as defined under Article 25 of the NYS Environmental Conservation Law.

B. Site History

The Site history briefly is as follows:

- Site was first used as an oil terminal in 1940's by Oil Products, Inc.;
- Cibro purchased property in 1973, and continued use as an oil terminal until early 1990's, including 14 ASTs with 17,675,000 gallon storage capacity;
- Cibro declared bankruptcy in 1988;
- NYSDEC issued a spill number in 1988;
- Blue Island Development, LLC bought the Site in 2000; and
- PDC (contract vendee) submitted a BCP application in 2005, and Site investigation began thereafter pursuant to a fully executed BCA.

As noted above, Oil Products Inc. (OPI) began operating a bulk fuel storage and distribution facility on the Site as early as the 1940s. In 1973, OPI sold the Site to Cibro Petroleum (Cibro), which continued to operate the facility until approximately 1988, but continued to own and conduct limited operations after they declared bankruptcy as a debtor in possession at this facility and its Albany terminal. No operations were being conducted at the Site, other than maintaining an oil boom, when Blue Island first visited the Site in the late 1990's.

Based on facility records and Site maps, the Site contained 14 above ground storage tanks (ASTs) with a total storage capacity of 17,675,000 gallons and one 3,000-gallon underground storage tank (UST), all of which were used to store various petroleum products, including fuel oil, kerosene and gasoline. Historical use of the Site as a petroleum bulk storage facility resulted in releases of stored materials that impacted soil, groundwater and surface water quality. Under OPI's ownership a spill of #4 fuel oil took place in the 1960's, and another spill that was quickly cleaned up occurred in 1979 into Wreck Lead Channel. However, details about the nature and extent of these earlier releases are not well documented. In 1988, a NYSDEC Spill Number 88-05691 was opened to address a new spill and these historic releases. However, this was the same year that Cibro filed for bankruptcy.

Blue Island purchased the Site in November 2000 after all petroleum related operations had ceased on the Site. Prior to this date, Cibro had demolished and removed from the Site all the ASTs, with the exception of the tanks' concrete bases. According to reports prepared by prior consultants, the 3,000 gallon UST had been removed from the property prior to Cibro taking ownership. On November 17, 2000, Blue Island entered into a Stipulation Agreement with NYSDEC to remediate the property. Following a series of investigations to better establish the nature and extent of environmental impacts, Blue Island entered into a contract with PDC, who decided to process the remediation of the Site through the Department's recently enacted statutory BCP. An application to the BCP was prepared by PDC, and submitted to NYSDEC on March 23, 2005. The application was approved and a BCA was executed by NYSDEC on April 14, 2006.

C. Physical Setting

The Site topography is relatively flat. According to the United States Geological Survey (USGS) 7.5-minute series topographic map (Lawrence, New York quadrangle) the Site is approximately seven feet above mean sea level. Surface water bodies, consisting of Island Park Canal, Wreck Lead Channel, and Simmons Hassock Creek, border the property to the east, south and west, respectively. Stormwater percolates through the soil or ponds on land surface during heavy storm events.

D. Geology and Hydrogeology

The Site is underlain by Cretaceous and Quaternary sediments, which rest unconformably on weathered Precambrian-aged biotite schist and gneissic bedrock. Depth to bedrock in the Long Island area ranges between 200 and 1,800 feet below grade. The late Cretaceous deposits are predominately associated with the Raritan and Magothy Formations, consisting of interbedded sand, gravel, silt and clay. Quaternary sediments of Pleistocene and younger age form the surficial deposits throughout the region and consist of sand, gravel, glacial till and associated outwash.

Site-specific hydrogeologic conditions consist of a tidally influenced, unconfined aquifer within the shallow fill and glacial fluvial deposits underlying the property. Prior investigations encountered a peat layer approximately nine feet below grade. Depth to the watertable varies as a result of tidal effects, but is approximately four to six feet below grade. Groundwater flows from the northwest corner of the property towards the east-southeast, and diffuses into the adjacent saltwater bodies.

E. Remedial Investigation Summary

Highlights of the historical investigations of the Site and the Remedial Investigation (RI) include:

- Remedial investigations conducted from 1990's through 2007
- Subsurface Investigations, Inc (SI) was commissioned by Cibro's Corporate Counsel in the early 1990's to conduct an environmental evaluation of the Site. They produced a draft RI/FS dated August 1993 with a transmittal letter dated June 21, 1994.
- First comprehensive studies done on the Site by LawGibb in 2000 were commissioned by Blue Island.
- Gannett Fleming completed the full BCP RI in 2007 commissioned by PDC.

As noted above, a series of environmental investigations were performed on the Site since at least the early 1990's, which initially identified the nature of petroleum-related contamination in soil and groundwater. GF completed the full nature and extent of Site characterization activities in 2007.

Prior Subsurface Investigations, Inc. (SI) Study

As summarized in the BCP application, and in the LawGibb reports attached to the application, SI evaluated soil and groundwater conditions on behalf of Cibro and issued a draft Remedial Investigation/Feasibility Study report in 1993, and a supplemental soils and groundwater cover letter on June 21, 1994. PDC was not able to locate the SI RI/FS Report referred to in the June 21, 1994 cover letter. However, the letter summarized the investigation and presented the conclusions. The cover letter summarized the SI RI/FS report and the results of prior

environmental investigations and its own investigations, and contained recommendations for remedial actions (more fully discussed in Appendix A2). Although all of the data was not available from this early report, the investigation finding summary indicated that releases of petroleum hydrocarbons from historical site operations resulted in impacts to soil and groundwater quality.

Remedial Investigation and Proposed Cleanup Plan- LawGibb Group (LAW)

LAW performed two comprehensive studies in late 2000 and early to mid 2001, the results of which were summarized in the following reports: *Cleanup Plan for Soil and Groundwater at the Former Cibro Island Park Site, February 2001*; and *Results of Supplemental Soil and Groundwater Investigation, Former Cibro Petroleum Terminal, August 6, 2001.* Both reports were provided to NYSDEC as part of PDC's application to the BCP. A summary of LAW's findings is provided in Appendix B, and further discussed under Section 2.

In the February 2001 study, LAW delineated a three-dimensional area affected by petroleum releases using Total Petroleum Hydrocarbon (TPH). The objectives of this study were to delineate the TPH content and remediate all areas that exceeded 500 parts per million TPH content. LAW also installed groundwater monitoring wells and characterized the groundwater quality under the Site.

The NYSDEC requested confirmation that the boundary shown in the February 2001 report represented the extent of the contaminated area. NYSDEC also specifically requested subsequent analysis for the presence of the individual chemicals in petroleum, not merely TPH content. In the August 2001 report, LAW used VOC and SVOC chemical analyses to verify the boundaries of the area affected by the petroleum releases. However, the area previously delineated by TPH was not resampled to determine the presence and concentration of the individual VOC/SVOC chemicals.

Gannett Fleming (GF) Supplemental Remedial Investigation

The remaining RI work performed by GF in 2006 – 2007, included the following:

- Further characterize the soil quality in the TPH-delineated area;
- Analyze soil and groundwater samples for the individual VOC and SVOC chemical constituents associated with petroleum hydrocarbons;
- Evaluate the potential risks posed by petroleum hydrocarbons in soil and groundwater to soil vapor quality, human health and ecological receptors; and
- Collect soil vapor data on the northern property boundary near the residential area.

As part of the BCP approved RI Work Plan, the NYSDEC directed PDC to perform additional work necessary to finalize a complete nature and extent remedial investigation (RI) of the Site pursuant to BCP requirements, and to develop the information needed to evaluate and select an appropriate remedy pursuant to a Pilot Test Work Plan submitted with the BCP application. PDC retained GF to review the historical monitoring database, establish the scope of work necessary to complete the RI, and evaluate the feasibility of alternative remedial options to address soil and groundwater contamination at the Site pursuant to an approved Pilot Test Work Plan. The soil and groundwater pilot tests and associated site investigation work were performed by GF in October 2006 through July 2007 in accordance with the approved work plans. The initial RI work plan was approved in July 2006; and a modification was approved on October 5, 2006. The RI was designed to conform to the new regulations in Part 375, and all relevant guidance documents, including the NYSDOH Vapor Intrusion guidance document and NYSDEC's DER-10 guidance document. The RI included resampling the area delineated by TPH, and analyzing the samples for the individual VOC and SVOC constituents. The new data would then be compared to the SCOs in the Part 375 regulation to determine the level of cleanup needed for the intended use of the property.

Soil Vapor Study

The NYSDOH also requested a soil vapor study be conducted along the northern property boundary adjacent to the residential area. In May 2006, NYSDOH and NYSDEC approved the *Supplemental Data Collection Addendum to the Pilot Test Work Plan,* which was implemented by GF in 2006.

Sediment Sampling Request

In 2006, NYSDOH requested PDC to sample sediment in adjacent water bodies for the purpose of assessing petroleum-related impacts to these surface water receptors. PDC responded that it is not possible to separate those adverse effects that could potentially be caused from the Former Cibro Terminal Site from those impacts caused by other adjacent and nearby historical or current land and water use activities with any degree of certainty. On July 7, 2007, the NYSDEC notified PDC that the NYSDOH deferred its final decision on whether sediment sampling was necessary and reserved its right to request this work if field conditions warrant.

F. Pilot Test

In March 2005, GF submitted to the NYSDEC the *Interim Remedial Measure Pilot Test Work Plan and Supplemental Data Collection* report. The work plan documented the technical approach and scope for a pilot test program, which would be used to develop the information necessary to evaluate two technologies for soil (an engineered biopile technology and land farm technology) and one in-situ bioremediation technology for groundwater using nitrate compounds.

In further analyzing available technologies, PDC and GF petitioned the NYSDEC for approval to include a third ex-situ chemical oxidation technology into the pilot test. The NYSDEC approved this request via e-mail in October 2006. Preliminary protocols were developed and refined during the pilot test program with DEC approval.

REMEDIAL INVESTIGATION

The Site has been thoroughly characterized by LAW and GF, and the results are presented in this RI Report (RIR):

A. Soil Quality Characterization

Data collected from wells, borings and test pits were used to delineate the VOC and SVOC content of the soil and groundwater at the Site. The confidence in the delineation of clean and contaminated areas increased as the quality and comprehensiveness of the data expanded from multiple studies conducted at the Site from the early 1990's through this RIR.

1. Methodology

- 1990's - Subsurface Investigations, Inc.'s (SI's) investigation generally confirmed petroleum contamination in the southerly and eastern portions of the property. They also installed groundwater monitoring wells and described the groundwater quality using existing and new wells.
- 2000 - LAW further delineated the petroleum-contaminated areas using TPH results from over 200 samples taken from seventy borings. They also updated the groundwater quality description using existing wells and newly-installed wells.
- 2001- LAW further refined the "clean" area using VOC/SVOC/metals data from soil samples collected 0 to 2-ft below grade at 21 locations. An area containing PCBs delineated by SI was also resampled in 8 locations and found not to exceed the then current TAGM 4046 guidance soil cleanup objectives. Additional groundwater sampling was done to further characterize the quality.
- 2006-2007 – GF performed comprehensive laboratory analyses of stockpiles used for the pilot test and eighteen test pits that further defined contamination in the impacted.
- Each soil sample was analyzed for TPH using Method 418.1. LAW designated a "clean area" where TPH concentrations were typically less than 500 mg/kg, and performed additional soil sampling in May 2001 to confirm and refine the proposed "clean area" TPH boundary (Appendix B).
- 2006-2007 - GF further characterized soil in the former LAW TPH delineated area and groundwater in the area of the in situ testing using samples from two monitoring wells analyzed for VOCs, SVOCs, metals, and other inorganic parameters.

In December 2000, LAW installed seventy soil borings at the locations shown in Appendix B. Soil samples were collected from cores taken generally at 0 to 18-inches below grade (shallow

unsaturated zone); 24 to 48-inches below grade (watertable/smear zone); and near the top of the underlying peat layer (typically seven to nine-feet below grade) using a Geoprobe (SB-1 through B). The work included sampling soil from 0 to 2-feet below grade at 21 locations (SS-1 through SS-21) for STARS list VOCs and SVOCs; analyzing 20-percent of the samples for RCRA metals; and sampling eight additional borings for PCBs in the area of the PCB-impacted soil identified by SI/EG.

LAW's groundwater investigation included installing six new groundwater monitoring wells (LMW-1 through LMW-5 and MW-3R – Appendix B) in December 2000, sampling the new wells, resampling other pre-existing wells for NYSDEC STARS list VOCs and SVOCs and evaluating natural attenuation indicator parameters. A second round of sampling was performed in May 2001, and consisted of sampling "clean area" monitoring wells LMW-3, LMW-4, OW-1, W-2, MW-1, MW-2, MW-3R, W-11 and W-12 for VOCs and SVOCs.

In the fall of 2006, GF began the Pilot Test. The test used petroleum-contaminated soil from the areas where LAW delineated the highest TPH concentrations. Soil obtained from eight pits (shown in Figure 6) was segregated on one of the unused concrete tank bases, and combined in various composite batches to serve as feedstock for the various tests. The individual soil piles were initially characterized using TPH. Once the various feedstock composite piles were created a baseline soil quality was obtained by analyzing samples of the various piles for the full suite of chemicals in the Method 8260 and Method 8270 protocols. A more detailed description of how the soil was prepared for the pilot tests is found in the "Remedial Technology Pilot Test Program" section of this RIR.

In 2007, GF sampled eighteen test pits in the area formerly characterized by only TPH at the locations shown on Figure 4. Soil samples from each test pit were collected at intervals generally corresponding to 0 to 2-ft below grade; 2 to 4-ft below grade; and 4 to 7-ft below grade to describe the lithology, and better assess the vertical distribution of petroleum residuals. Each sample was analyzed for TPH, SVOC and VOC content. The TPH data was collected at the request of the NYSDEC to compare with the data collected by LAW in 2000.

2. Sampling Results

- 2000: LAW confirmed the boundaries of the unaffected area, which did not contain VOCs, SVOCs, metals, or PCBs that exceeded the TAGM 4046. Law also found that the area containing PCBs above standards delineated by SI did not exceed the standards in use at that time and recommended that it not be excavated.
- 2006-2007: GF data further characterized the petroleum-contaminated area that LAW delineated using only TPH data, and found VOC and SVOC contamination in this area. GF also found that the maximum depth affected by the petroleum releases was generally four feet below ground surface (bgs).

LAW used TPH as a screening parameter for its initial investigation of petroleum hydrocarbon impacts to soil. The reliability of the analysis to accurately characterize and quantify petroleum hydrocarbon conditions, however, is limited. It is well documented that the analytical method is susceptible to matrix interference, and other effects from naturally-occurring organic material unrelated to petroleum hydrocarbons. These conditions commonly result in false positive errors, which tend to mischaracterize or overestimate the petroleum hydrocarbon mass in the sampled material. Subsequently VOC and SVOC contaminant sampling performed by GF better delineated the area of contamination preliminarily established by LAW. The specific VOCs and SVOCs discovered now have established environmental and health-based SCOs in the Part 375 regulations, which will be relied on to clearly define the areas of the Site that need to be remediated for residential development. The Site-specific chemical data also showed that a poor correlation exists between TPH content data and the concentrations of the underlying individual VOC and SVOC constituents. As a result, interpretation of environmental impacts at the Site and decisions concerning the need for and scope of remedial actions rely on the more recent VOC and SVOC sampling results. In addition, TPH values have no regulatory benchmark.

In the subsequent study done by LAW in 2001, they did not find VOCs exceeding the NYSDEC cleanup criteria at that time (TAGM 4046) in any soil sample, and the SVOC data generally confirmed the initial "clean area" TPH boundary. Only a few samples contained a limited number of chemical constituents at concentrations greater than the then applicable TAGM 4046 cleanup guidelines at that time for chrysene; benzo(b)fluoranthene; benzo(a)anthracene; dibenzo(a,h)anthracene; benzo(a)pyrene; and benzo(k)fluoranthene. Except for chromium,

RCRA metals were not found at concentrations exceeding the TAGM 4046 soil cleanup guidelines. Chromium was detected in sample SS-6 at a concentration that marginally exceeded the applicable cleanup guideline (10.1 µg/kg vs. 10 µg/kg guideline). Soil samples from the PCB impacted area did not reveal the presence of PCBs at concentrations exceeding the applicable TAGM 4046 soil cleanup guidelines.

In 2007, the soil characterization in the impacted area had varied results, which were compared to the new regulatory 6 NYCRR Part 375 SCOs. While most of the 45 samples taken from the eighteen test pits in June 2007 did not exceed Track 1 SCOs, several composite samples made from soil taken in September 2006 from the eight test pits used for the initial oxidation test did exceed Track 1 SCOs. There are several theories for these varied results. First, the potential that undocumented releases occurred in the delineated area, which were not previously identified, is possible. Second, and a more likely explanation, is that there has been some redistribution of the petroleum product by frequent flooding of the Site by tidal and storm events. This likely movement of product by weather influences makes it difficult to definitively delineate every location in the more contaminated part of the Site. Even if more sampling were conducted, contaminant conditions can be altered. PDC and GF believe sufficient investigation has been performed to commence remediation within the boundary line previously-described (see Figure 3). Site remedial efforts will involve soil excavation and screening, which will locate and remediate all areas of contaminated soil on the Site.

The laboratory data indicate that the highest concentration of SVOCs was found in the shallow and mid zone soil. Soil samples from test pit locations TP-1, TP10, TP-11 and TP-17, all contained SVOC constituents at a total concentration exceeding 10 mg/kg. The SVOC content decreased markedly at four feet below grade.

Pretreatment chemical results for the feedstock soil samples are shown in Table 4. Stockpiles RS 1, 7, 8 and RS 6, which were prepared by combining soil from several test pits, reveal that SVOCs are present in the areas where the soil was taken for the feedstock. A more detailed explanation of the feedstock preparation is present in the RIR Pilot Test section.

B. Groundwater Study

The highlights of the groundwater studies are as follows:

- LAW sampled 13 wells in 2000 to determine groundwater flow and quality and compared the groundwater sample results to the New York State Ambient Water Quality Standards.
- Groundwater is not a source of drinking water in this part of Nassau County.
- Three of these wells contained dissolved petroleum-related contaminants above the standards. These wells were located in the loading rack area and near former Tank 9.
- Groundwater flows radially from the northwest corner of the Site to the east-southeast where it diffuses into the surrounding saltwater bodies.
- GF used the results of LAW's groundwater sampling and monitoring program to support an evaluation of remedial options including the feasibility of groundwater treatment using nitrate amendments to enhance biodegradation in the vicinity of LMW-1, LMW-2 and MW-3R where the highest concentrations of dissolved petroleum-related chemicals were identified.

In the February 2001 LAW report, the chemical quality results for water samples taken in thirteen wells is reported, and the results are shown in Tables 4-3 and 4-4 of the LAW report, which is in Appendix B. In addition, water levels were also measured to determine groundwater flow directions. According to LAW, groundwater flow at the time of sampling was predominantly east and south from a northeast/southwest-trending groundwater divide near the southwest corner of the property. Groundwater quality along the northern boundary of the site with the residential areas was delineated by samples from wells LMW-4, OW-1, W-11 and W-12. No VOCs or SVOCs were detected in any of the samples from these wells except for naphthalene, which was detected in W-11 at 5.8 micrograms per liter (ug/l) that slightly exceeded the groundwater standard of 5 ug/l. Four SVOC constituents in W-11 and three SVOC constituents in W-12 were present but did not exceed the standards.

With respect to the laboratory results for the other samples, BTEX constituents were detected in samples from two of the 13 wells, LMW-1 (159.1 µg/l) near the former loading racks, and LMW-2 (59.99 µg/l) on the east side of former Tank 9. The concentration of benzene and ethylbenzene in LMW-1 and ethylbenzene and xylenes in LMW-2 exceeded the NYSDEC groundwater standards. Total VOC concentration (excluding BTEX) ranged from less than the

laboratory reporting limits to approximately 446 µg/l in LMW-1. One or more individual VOC constituents (excluding BTEX) were detected in each of the samples from wells MW-3R, LMW-1 and LMW-2 at concentrations exceeding NYSDEC groundwater standards.

SVOCs were detected in samples from 9 of the 13 wells. Except for naphthalene, none of the individual SVOC constituents were found at concentrations exceeding the groundwater standards. Naphthalene was detected in samples LMW-1, LMW-2 and MW-3R at concentrations exceeding NYSDEC groundwater standards. The results of the natural attenuation parameter analyses indicated that the saturated zone provided favorable conditions for supporting biodegradation activity.

In the LAW Supplemental Soil and Groundwater Investigation report (LAW 2001), nine of the previously-sampled wells were sampled. Wells MW-6, LMW-1, LMW-2, and LMW-5 were not sampled. Of the sampled wells, only MW-3R had benzene at 3.8 ug/l and naphthalene at 67.1 ug/l, which was above the standards of 1 and 10 ug/l respectively; and W-11 had acenaphthene at 37.5 ug/l, Benzo(a)anthracene at 0.72 ug/l, and Chrysene at 0.55 ug/l, which were above the standards of 0.002, 0.002, and 20 ug/l, respectively. The other water samples may have had SVOCs and VOCs detected, but none exceeded the standards. The results can be found in the LAW reports in Appendix B.

GF used LAW's groundwater sampling results to support an evaluation of remedial options. As more fully discussed in the Remedial Technology Pilot Test Program section, GF assessed the feasibility of groundwater treatment using nitrate amendments to enhance biodegradation. A pilot test was performed in the southern portion of the property, in the vicinity of wells LMW-1, LMW-2 and MW-3R, where the highest petroleum hydrocarbon content in groundwater was found during LAW's study.

C. Soil Vapor Study

- GF performed a soil vapor investigation at four locations along the northeast property line near the residential community.
- The samples were taken outside any structures, and the detected VOCs did not exceed USEPA or New Jersey Department of Environmental Protection indoor air quality standards. There are no outdoor air quality standards or indoor air quality standards for petroleum related VOCs and SVOCs present at this Site in New York State.
- Vapor from treated ex situ oxidation test stockpiles #1, #3A, and #8 was also sampled to evaluate soil vapor, if any, in the contaminated soil.
- VOCs and SVOCs were detected. However, none exceeded the same indoor air quality standards mentioned above.

As requested by NYSDEC and NYSDOH, soil vapor along the northeast property boundary was sampled to assess the potential for off-site migration impacts to the adjacent residences. Three temporary vapor probes were installed using a Geoprobe at the locations shown on Figure 5. A fourth probe was added at the time of sampling to provide adequate coverage along the property boundary. The probes were installed to a depth shallower than originally proposed, approximately 2 to 2.5 feet below grade, due to high water table conditions. After the rods were driven to the desired depth, a stainless steel vapor probe connected to polyethylene tubing was inserted through the rods and set in place. The annulus between the vapor probe and borehole was filled to approximately one-foot above the top of the probe with glass beads and the remaining volume was filled to grade with bentonite chips. Distilled water was used to hydrate the chips to form a seal. The probe was removed from the ground after the sample was collected.

Soil vapor samples were collected in Summa Canisters that were pre-cleaned and prepared for use by the laboratory. Each canister was fitted with a controlled-rate orifice that was calibrated for a maximum flow rate of 0.2 liters per minute. Prior to sampling, a portable pump was used to purge one to three volumes of air in the sample probe and tubing to ensure that a representative soil vapor sample was obtained. Helium was used as a tracer gas for quality assurance/quality control purposes to ensure that short circuiting and dilution by ambient air did not occur. Each sample was analyzed for BTEX constituents using USEPA Method TO-15.

On April 18, 2007, soil vapor was extracted from treated soil piles 1, 3A and 8 (See Pilot Test Section). The samples were collected by uncovering the pile in one corner and driving a 1.5-inch diameter pry bar to a depth of 2.5-3 ft. Clear plastic, 3/8-in diameter tubing was placed into the hole until it reached the bottom. The tubing was then extracted so that approximately 3 inches of clear space existed between the tubing inlet and the bottom of the hole. The soil at the top of the hole was then collapsed around the tubing. A depression was made around the collapsed area and bentonite slurry was poured into the depression to seal the top of the hole preventing ambient air from entering the annulus. The standard protocol for collecting soil vapor samples was not followed at this point as leakage around the tubing was not checked with a tracer gas. Therefore, the results can be considered illustrative of the soil vapor quality in the soil piles, and not completely quantitative.

The vapor in the hole around the tubing was evacuated with a PID until the readings reached steady state. At that point, the regulator for the summa canister was attached to the tubing. The one-liter summa canister was then attached and the gauge on the regulator was checked to make sure a vacuum was created. The regulator was calibrated at the laboratory to control the fill rate of the canister to approximately a 60-minute period.

The field readings were as follows:

Field Readings for Treated Stockpile Soil Vapor Collection Event

Sample #	PID reading at start (PPM)	Vacuum at start	Start time	Finish time
1	140	-30	1630	1730
3A	4400	-25	1640	1735
8	292	-25	1650	1740

The laboratory results for the vapor samples are in Table 12. They show that none of the detected constituents exceed the New Jersey indoor air quality standards as described in the next section.

1. Soil Vapor Sampling Results

The soil vapor samples from the testing locations along the property perimeter adjacent to the residential area were analyzed by EcoTest Laboratories. The laboratory results are summarized below and the laboratory data reports are included in Appendix C.

NYSDOH has not established health-based soil vapor criteria for these BTEX constituents. As a proxy, the data were compared to the current EPA Region III Risk-Based Concentrations for Ambient Air, and generic vapor intrusion screening values for indoor air and soil gas presented in the New Jersey Department of Environmental Protection's (NJDEP) October 2005 (Updated May 2006) Vapor Intrusion Guidance. As a worst-case scenario, the maximum soil vapor concentration for each constituent was compared to the USEPA and NJDEP target indoor air concentrations for residential exposure to BTEX compounds.

The USEPA target indoor air concentration is a residential-based value that satisfies a prescribed cancer risk of 1×10^{-6} or a noncarcinogenic hazard index of 1.0. As shown below, none of the detected constituents exceeded the target indoor air concentrations. The sampling results were compared to the current EPA Region III Risk-Based Concentrations for Ambient Air as shown in the following table. As prescribed in EPA530-D-02-004, an attenuation factor of 0.1 was applied to soil vapor concentrations from sampling depths less than 5 feet. An excess risk level of 10^{-6} for indoor air was evaluated. Soil vapor concentrations did not exceed the Region III RBC for ambient air.

Comparison of Soil Vapor Results to USEPA Standards

Parameter	Region III Risk-Based Concentration for Ambient Air (ug/m3)	EPA Attenuation Factor	Soil Vapor Screening Concentration (ug/m3)	Maximum Detected Soil Vapor Concentration (ug/m3)
Benzene	0.23	0. 1	2.3	0.9
Toluene	5,100	0.1	51,000	4.9
Ethyl Benzene	1,100	0.1	11,000	1.1
Xylenes	110	0.1	1,100	3.7

The maximum soil vapor concentration for each constituent was also compared to the NJDEP target indoor air concentrations for residential exposure. The target indoor air concentration is a residential-based value that satisfies a prescribed cancer risk of 1 x 10^{-6} or a noncarcinogenic hazard index of 1.0. As shown below, none of the detected constituents exceeded the target indoor air concentrations.

Comparison of Soil Vapor Results to NJDEP Standards

Parameter	Maximum Detected Soil Vapor Concentration (ppbv)	Comparison Criteria[1] (ppbv)
Benzene	0.9	5
Toluene	4.9	68,000
Ethylbenzene	3.7	12,000
m/p Xylenes	3.7	1,300
o Xylenes	1.8	1,300

(1) New Jersey Department of Environmental Protection's (NJDEP) October 2005 (Updated May 2006) Vapor Intrusion Guidance.

Similarly, the soil vapor results from the treated soil piles did not exceed these standards.

QUALITATIVE EXPOSURE ASSESSMENT

The Qualitative Exposure Assessment (QEA) assesses the potential for humans and wildlife to come in contact with the contaminants at the Site. The QEA is separated into two sections: a Human Health QEA and a Fish and Wildlife QEA. The assessments were prepared in accordance with NYSDEC's DER-10 guidance.

A. Objectives of Human Qualitative Exposure Assessment

- Exposures were assessed using a conceptual model of the Site.
- The model permits exposure to soil, groundwater, surface water, vapor and dust to be evaluated.
- The model looks at exposure potential for human receptors on-site and off-site.
- Under the former industrial use (construction materials storage), there is a pathway for human receptors who enter the Site to potentially be exposed to contaminants through dust and/or dermal contact during excavation of soils generally below the surface layer and pavement. These pathways can be mitigated through the use of safety procedures and engineering controls. These risks generally dissipate with distance from the potential source.
- Under the current residential reuse, there is risk to construction workers during site build out based on the exposure pathways noted above, but no exposure pathway once the Site is remediated and redeveloped to Track 1 residential SCOs. If the Site is not remediated to Track 1 levels, then any residual contamination would be properly managed through a Site Management Plan to prevent any exposure. However, based on the pilot study results described below, Track 1 cleanup levels are likely to be achieved.
- Under the current residential reuse, site workers performing the remediation will be potentially exposed, but such exposure can be mitigated through the health and safety plan and once the contaminants are removed, the risk will be eliminated.

A Conceptual Site Model (Model) was created to test actual or potential human exposures to contaminated soil, groundwater, surface water, vapor and dust emissions before, during and after remediation. The Model describes potential links between contaminant source(s) and human populations both on-site and off-site. The objective of the human health portion of the QEA is to provide a qualitative estimate of the risk posed to human receptors through exposure to contaminated media. By evaluating the pathways for the contaminants found on the Site, human receptors' exposure risk can be assessed.

Overall, five factors are considered in defining exposure pathways. Each factor must be present in order for an exposure pathway to be considered complete and, thus, for a contaminated site to pose a risk to human health:

1. A source of contamination;
2. Contaminant transport from the source, through any environmental medium;
3. Receptors who may be exposed to contamination;
4. A point of contact; and
5. An exposure route or routes for contaminants to be taken in by the receptor (dermal contact, ingestion, and/or inhalation).

B. Organization of Qualitative Exposure Assessment Report

- The report follows a proscribed format.
- Certain contaminants found at the Site are of concern due to their concentration.
- In soil, VOC concentrations have and will continue to decrease over time, whereas SVOCs are more persistent.
- In groundwater, dissolved contaminants will flow with the groundwater to a discharge point.
- No surface water bodies are present on the Site but are present adjacent to the Site.
- Soil vapor was not deemed a concern, as the concentration of contaminants in the soil vapor does not exceed applicable standards.
- An exposure pathway is present for both the existing industrial use and a future residential use if the Site is left unremediated.

Exposure pathways created by Site access and soil excavation can be managed through a health and safety plan, and will be eliminated once the future build out is completed.

- The QEA report follows a proscribed format as follows:
  - Nature and Extent of Site Contaminants;
  - Contaminant Fate and Transport;
  - Human Health Exposure Pathways at the Site;
  - Fish and Wildlife Qualitative Exposure Assessment; and
  - Conclusions of the QEA.

C. Nature and Extent of Contaminants

The results of previous site investigations indicate that certain petroleum related VOCs and SVOCs were found in soil and groundwater at concentrations that exceeded regulatory threshold values. Most notably, benzene, which is a carcinogen, 1,2,4-Trimethylbenzene, Ethylbenzene, Isopropylbenzene, Benzo(a)anthracene, Chrysene, Benzo(b0fluoranthese, Benzo(k)fluoranthene, Benzo(a)pyrene, and Indeno(1,2,3-cd)pyrene. Therefore, these constituents were determined to be chemicals of concern (COCs) for the purposes of the human health QEA.

D. Contaminant Fate and Transport

The following analysis of contaminant fate and transport takes into account the physical characteristics and surroundings of the Site, the interaction of the adjacent surface water and groundwater hydrology, and the documented nature, extent and chemical properties of the COCs. The environmental media on the Site that currently may serve as pathways for contaminant migration are soil, groundwater, and soil gas.

1. Soil

SVOCs and VOCs are present in subsurface soil at concentrations that exceed Track 1 regulatory SCOs (Tables 1, 2, 6, and 7). Over time, VOCs decrease in concentration due to biodegradation, volatilization and other processes. SVOCs will also biodegrade over time, but are generally more persistent, and remain sorbed to soil. SVOCs have very low solubility limits and do not readily dissolve into groundwater.

2. Groundwater

VOCs and SVOCs were detected in groundwater at concentrations exceeding the NYSDEC Ambient Water Quality standards. Dissolved organic constituents tend to migrate with groundwater. However, the rate of migration and overall mobility are affected by the chemical and physical properties of the COCs and the soil matrix.

3. Soil Gas

VOC vapors derived from impacted soil and groundwater can migrate to the surface or laterally beyond the site boundaries. Soil vapor can migrate into structures that exhibit negative pressure compared to the pressure conditions in the subsurface.

Soil vapor samples were collected along the northern property boundary and analyzed for VOCs as discussed under Section 2.3. The sampling results were compared to the current EPA Region III Risk-Based Concentrations for Ambient Air as shown in the following table. As prescribed in EPA530-D-02-004, an attenuation factor of 0.1 was applied to soil vapor concentrations from sampling depths less than 5 feet. An excess risk level of 10-6 for indoor air was evaluated. Soil vapor concentrations did not exceed the Region III RBC for ambient air.

Comparison of Soil Vapor Results to USEPA Standards

Parameter	Region III Risk-Based Concentration for Ambient Air (ug/m3)	EPA Attenuation Factor	Soil Vapor Screening Concentration (ug/m3)	Maximum Detected Soil Vapor Concentration (ug/m3)
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Ethyl Benzene	1,100	0.1	11,000	1.1
Xylenes	110	0.1	1,100	3.7

E. Exposure Pathways

An exposure pathway describes the route a chemical or physical agent takes from its source to an exposed individual. If needed, a fate and transport analysis identifies complete exposure pathways, which will be evaluated in the risk assessment. The fate and transport analysis considers the site-specific land use, and any institutional or engineering controls to be employed to eliminate pathways.

A complete exposure pathway generally consists of these elements:

1. A source or chemical release from a source;
2. An exposure point where contact can occur; and
3. An exposure route (i.e., ingestion) at the contact point.

If any component is missing, the pathway is deemed incomplete, and is not quantitatively evaluated in the risk assessment (EPA, 1989). Elimination of exposure pathways may occur based on professional judgment and evaluation of site-specific conditions. For example, if the probability of exposure occurring is low or if the impact of the exposure pathway is expected to be minor in comparison to other exposure pathways, the exposure pathway may be eliminated (EPA, 1989.)

1. Current Uses

Under current site conditions, trespassers and on-site industrial workers may come in contact with COCs in soil or groundwater if they dig into the ground. Access to the site is controlled by a lockable fence, which minimizes the possibility of unauthorized entry and casual or indirect contact with impacted soil. Potential risks to site workers are controlled by the use of a site-specific health and safety plan and engineering controls to mitigate exposure to impacted soil, groundwater and fugitive dust.

The soil vapor exposure pathway was also determined to be complete. Results of the soil vapor study indicate, however, that COCs were not present in the soil vapor at concentrations exceeding applicable guidance criteria. As a result, soil vapor is not expected to pose an unacceptable risk to trespassers, on-site workers or adjacent property owners/users.

2. Future Use Identified in BCP Application

At the time the BCP application was submitted, the anticipated future use of the property was anticipated to remain unchanged as industrial. Engineering controls and a soil management plan would be required to eliminate the exposure pathways for construction workers and employees working on the premises to the extent residual contamination remained after remediation. Complete exposure pathways exist for Site construction workers who may come in contact with residually impacted soil, groundwater and fugitive dust as part of their routine work activities. Potential risks would be controlled through a soil management plan, including a site-specific health and safety plan and engineering controls to mitigate exposure to and direct contact with residually impacted soil and groundwater if they remain present. For example, a demarcation barrier would be placed under the clean soil cover to mark the area where contaminated soil may be encountered.

3. Residential Use

Under a residential land use scenario, complete exposure pathways exist for Site construction workers who may come in contact with impacted soil, groundwater and fugitive dust as part of their routine work activities. The site needs to be remediated to eliminate the residential exposure risk to future residents. Potential risks would be controlled through the use of a site-specific health and safety plan, engineering controls and, institutional controls to mitigate exposure to and direct contact with residually impacted soil and groundwater that may remain after remediation. If the Site is remediated to Track 1 SCOs, there will be no remaining risk. If the Site is not remediated to Track 1 SCOs, then engineering controls to mitigate exposure to and direct contact with residually impacted soil and groundwater will be required. Also, groundwater quality will improve once the soils are remediated and the groundwater is treated to remove the dissolved chemicals that are currently found in this medium. For practical purposes groundwater at the property will not be used for potable purposes due to the proximity to saline surface water. Groundwater will become saline if pumped and furthermore, the availability of abundant municipal water should preclude the need for accessing this water body for any purpose. However, if residual groundwater contamination remains, it could be mitigated. Other

than the construction worker scenario, the groundwater exposure pathway under both current and proposed and potential future land use scenarios was deemed incomplete because local shallow groundwater is not used as a potable source. In addition, this pathway is currently eliminated by the impracticality of installing wells for potable purposes adjacent to saltwater bodies subject to saltwater intrusion and regulatory restrictions against using water with salinity greater than the standards for drinking water supplies.

F. Fish and Wildlife Qualitative Exposure Assessment

- Risks are evaluated using a conceptual ecological site model.
- Only surface soil and surface water were considered in the model.
- Old-field vegetation and tidal wetlands were evaluated.
- None of the chemicals in the soil exceeded the Fish and Wildlife standards.
- Constituents in the groundwater will need to be removed.

Ecological exposures to contaminated Site surface soil or surface water during and after the remediation are evaluated in the context of an Ecological Conceptual Site Model (Ecological Model). Subsurface soil and groundwater were not considered in the Fish and Wildlife QEA because ecological receptors are not typically exposed to these media. The Ecological Model describes potential links between contaminant source(s) and ecological resources. The Ecological Model considers potential exposures to contamination and potential transport of contamination off-site.

1. Fish and Wildlife Resources

The Site contains 1.5-acres of old field vegetation and 0.12-acres of vegetated tidal wetlands. The remainder of the Site is gravel and dirt associated with previous demolition activities and impervious surfaces such as roadways and building foundations. According to the Fish and Wildlife Resources Impact Analysis Decision Key presented in Appendix 3C of NYSDEC's DER-10 guidance, the old field vegetation area and the tidal wetlands area are considered fish

and wildlife resources that could support populations of ecological receptors, and requires further evaluation.

2. Exposure Pathways

The great blue heron and marsh wren are typically species that could be found in the tidal wetland area. Great blue herons inhabit a variety of freshwater and marine areas, including freshwater lakes and rivers, brackish marshes, lagoons, mangroves, and coastal wetlands, particularly where small fish are plentiful in shallow areas. They are often seen on tidal flats and sandbars (EPA, 1993). It is important to note that the feeding area of a great blue heron can be up to 20 acres in size. While the 0.12-acre tidal wetland is a suitable habitat for the great blue heron, the likelihood of it spending a substantial amount of time in this area and being exposed to Site-related contamination is considered minimal. Incidental ingestion of surface soil and the ingestion of prey are two potentially complete routes of exposure for the great blue heron. In addition, the tidal wetland was found not to be contaminated and is part of the "clean area" of the property.

Marsh wrens inhabit freshwater and saltwater marshes and standing water as its preferred habitat from several centimeters to nearly a meter in size (EPA, 1993). Feeding areas for marsh wrens are usually less than half an acre, making exposure to site-related contamination more likely. Incidental ingestion of surface soil and the ingestion of prey are the two potentially complete routes of exposure for the marsh wren.

Deer mice inhabit nearly all types of dry-land habitats within their range including short-grass prairies, grass-sage communities, coastal sage scrub and other habitats (EPA, 1993). Feeding areas for deer mice are up to 1.5 acres, which is the approximate size of the old field vegetation area. Incidental ingestion of surface soil and the ingestion of prey are the two potentially complete routes of exposure for the deer mouse.

3. Chemicals of Potential Ecological Concern

Petroleum hydrocarbon-related constituents were detected in groundwater and surface soil (see list of constituents in section C of the QEA). Surface water quality has not been evaluated during previous site investigations. Since groundwater beneath the Site discharges to the surrounding water bodies, it was assumed for the purposes of the ecological assessment that constituents in groundwater were also in surface water at the same concentration. This is an overly conservative assumption since it does not take into account the effects of dilution and dispersion that occurs as groundwater discharges to surface water. To focus the Fish and Wildlife QEA on contaminants that may pose a risk to the ecological resources, Contaminants of Potential Ecological Concern (COPECs) were selected.

Ecological Soil Cleanup Objectives have been promulgated by NYSDEC in the Part 375 regulations for several COPECs. Based on an evaluation of the datasets from the June 2007 test pit sampling event performed by GF, and the 2001 sampling event performed by LAW, none of the detected constituents in surface soil (0 to 2 feet below grade) were found at concentrations exceeding the Department's ecological threshold values.

NYSDEC has not published ecological cleanup objectives for surface water. The Department uses the Ambient Water Quality Standards. Based on the same GF/LAW dataset, a limited number of VOCs and SVOCs have been found in groundwater at concentrations exceeding these standards (see chemical list in Section C of the QEA), thereby creating a potentially complete exposure pathway. The proposed remedial activities, however, will mitigate groundwater conditions and, as a result, should eliminate the exposure pathway

Unfortunately, marine use and roadway stormwater runoff from the existing community into in the surrounding waterways will likely continue to impact these water bodies and marine habitats.

G. Summary

Potentially complete exposure pathways for human and ecological receptors were identified under the current use, construction/remediation phase and future/potential future use scenarios. All exposure pathways can either be managed or effectively eliminated. Under the current use scenario (industrial), minor remedial actions would be necessary to satisfy NYSDEC SCOs, and complete exposure pathways to petroleum-impacted soil and groundwater would essentially be eliminated through the implementation of a health and safety plan and a soil management plan. Under the potential future residential reuse scenario, contaminants in soil and groundwater will need to be reduced to levels less than either the Track 1 unrestricted use SCOs, which would eliminate any exposure pathway, or restricted Track 2 residential SCOs to result in an incomplete exposure pathway and an absence of quantifiable risk.

QUALITY ASSURANCE/QUALITY CONTROL

- Data generated during the soil, soil vapor, and groundwater sampling events were deemed usable for their intended purpose.

Analytical services in support of the 2000, 2001, 2006 and 2007 soil vapor study and soil and groundwater pilot test programs were provided by laboratories accredited under the NYSDOH Environmental Laboratory Approval Program (ELAP). Soil and groundwater analyses were performed in accordance with or based on acceptable modifications to the methodologies described under the United States Environmental Protection Agency (USEPA) publication SW-846 entitled *Test Methods for Evaluating Solid Waste, Physical/Chemical Methods.* Laboratory quality assurance/quality control (QA/QC) and analytical data reporting followed the requirements outlined in the NYSDEC's Analytical Services Protocol (ASP). Soil vapor analyses were performed in accordance with the methodology described under the USEPA publication *Compendium of Method for the Determination of Toxic Organics Compounds in Ambient Air- Second Edition.*

QA/QC sampling performed as part of the 2000-2007 Site investigation and pilot test programs included the following:

- Field and trip blanks to document sampling equipment decontamination effectiveness and to identify contamination introduced during sample transport;
- Laboratory method blanks to document contamination introduced by the laboratory analytical equipment or processes; and
- Site specific and batch matrix spike and matrix spike duplicate samples to document analytical interference caused by matrix effects and analytical reproducibility.

Usability and reliability of data generated by the sampling programs were evaluated through a review of the laboratory case narratives, which outline problems encountered, if any, during laboratory analysis, and the analytical data summary reports. The case narratives are included with the laboratory data reports in Appendix C. Based on this review, data generated during the

soil, groundwater and soil vapor sampling programs were considered usable for their intended purpose.

REMEDIAL TECHNOLOGY PILOT TEST PROGRAM

The objective of the pilot test program was to compare various best available on-Site treatment technologies for the reduction and elimination of hydrocarbon contamination created from petroleum releases in soil and groundwater. All feedstock material for the soil tests was taken from various locations in the impacted areas of the Site to best replicate full scale remediation of the Site from selected technologies.

A. Feedstock Preparation

- Feedstock for the pilot tests was created by combining various amounts of soil from several stockpiles created through two sets of test pits to make a more homogeneous material for the proscribed testing protocols. The resulting composite feedstock batches were analyzed for VOCs and SVOCs to create a baseline sample profile just before the feedstock was sent through the pug mill and processed.
- The results of the baseline sampling for the first and second rounds of pilot tests were also used qualitatively in the soil-quality characterization in the RI.
- In the second and third rounds of testing, the feedstock was screened to remove rocks and debris and break up clumps of soil. It was then thoroughly mixed to insure a consistent chemical quality throughout the feedstock, which would improve the likelihood that the treatment objectives would be reached and increase the reproducibility of the results.

The goal of the pilot test was to determine the efficacy of treating petroleum contaminated soil using one of the selected technologies, and to quantify the design considerations for each successful technology. The baseline conditions of the VOC and SVOC content in the soil used in the tests were important parameters that needed to be ascertained and compared to the concentrations after treatment. It was thought that TPH would be a good general indicator of chemical content, and it was initially used to characterize the feedstock soil.

The data in the LAW February 2001 report showed TPH content varied throughout the property. The goal of any selected technology was to make sure it was effective for the highest average petroleum content on the Site. Therefore, 400 CY stockpiles of soil were excavated from the

locations shown on Figure 6 and stored on the concrete tank pad adjacent to a pugmill. A composite sample for TPH analysis was collected from each stockpile.

The feedstock for the November and December tests was prepared by blending soil from the various stockpiles in the pugmill to produce a homogeneous feedstock with a goal of having a TPH of approximately 1000 ppm for each test. Once the feedstock was prepared, just prior to treatment, another composite sample was collected to document the baseline VOC and SVOC content of the soil using Method 8260 and Method 8270. The feedstock was then processed and moved to its post-treatment location where it was covered so the chemical reactions could continue to degrade the contaminants. Three weeks later, the first post-treatment composite samples were taken from the treated stockpiles and analyzed for the same chemicals to document how well each technology reduced the contaminant content. VOCs were detected in all feedstock samples except RS-1, 7, 8, with total content ranging from approximately 0.6 mg/kg (RS-4,3) to 8.28 mg/kg (RS-5). Only the RS-5 sample contained an individual VOC (benzene) hit at a concentration exceeding its applicable Track 1 SCO.

Due to the time needed for the laboratory to complete the analyses of the baseline samples, and the need to treat the feedstock immediately after the baseline samples were taken (to reduce any post sampling contaminant reductions from volatilization and microbial degradation), it was not possible to choose which feedstock pile would have the best contaminant mix for each pilot test. In addition, it was not until the baseline results were compared to the TPH values that the inconsistency between TPH and contaminant concentration was identified. Therefore, for each of the first two rounds of oxidation tests, the biopile and the land farm the feedstock batches did not have the same chemical profile. This problem was addressed in the third oxidation test by more thoroughly mixing the feedstock to produce homogeneous test batches, as shown in the chemical data for those tests, which are presented ahead.

The locations of each pilot test plot shown on Figure 6 are slightly different from the locations shown in the approved pilot test work plan due to standing water in some of the areas where test

plots were originally positioned and space limitations. In addition, the locations were moved to decrease disturbance to the residential neighborhood.

B. Biopile and Land Farm

A description of the biopile and land farm pilot test results is contained in the following sections.

1. Biopile

A 50-cubic yard soil biopile, approximately 20-feet wide, by 15-feet long and approximately 5-feet high, was constructed using soil derived from three of the stockpiles, as described below. Nutrients, microbes and lime were mixed into the soil by the pugmill. The soil was then placed on top of an 8-mil polyethylene liner in one- to two-foot lifts. A network of four-inch diameter slotted PVC air distribution piping was woven throughout the soil as it was constructed. The pile was covered with a black, nylon, reinforced tarp for weather protection, and to keep the soil warm, consistent with the protocols outlined in NYSDEC-STARS #2, 1996. Hay bales placed under the tarp were used to promote air circulation between the soil and cover. Moisture content was monitored during the testing period, and adjusted as necessary to sustain microbial activity. The liner was surrounded by an earthen berm to control stormwater run-on and runoff. Soil was sampled and analyzed for TPH, SVOCs and VOCs after several weeks to monitor and track the remedial progress.

Biopile Testing Results

- The feedstock contained TPH and SVOCs at total concentrations of 900 mg/kg and 12.4 mg/kg respectively.
- The test was successful at reducing SVOC contaminants to Track 1 SCOs.
- No VOCs were detected in the treated biopile.
- Although the technology reduced the contaminant levels to Track 1 SCOs, TPH still remained high, indicating an interference with the laboratory procedure caused by non-petroleum constituents in the soil.

Feedstock for the biopile was derived from a mixture of soil from stockpiles 1, 7 and 8. A composite sample created to characterize the pre-treated soil was collected on October 30, 2006. The laboratory data are summarized in Table 4 and the laboratory data reports are included in Appendix C. Sample RS-1, 7, 8 contained TPH and SVOCs at total concentrations of approximately 900 mg/kg and 12.4 mg/kg, respectively. Two SVOC constituents, benzo(k)fluoranthene and indeno(1,23-cd)pyrene exceeded the NYSDEC Track 1 Soil Cleanup Objectives (SCO). VOCs were not detected.

On December 18, 2006 a post-treatment composite sample from the biopile was collected for TPH, SVOCs and VOC analysis (Table 1). The laboratory data indicate that sample BIO-121806 contained TPH at a total concentration higher than the pre-treatment sample (approximately 3,168 mg/kg vs. 900 mg/kg). However, post-treatment SVOC concentration of all individual constituents were lower than pre-treatment levels, and total SVOC concentrations decreased by nearly 30-percent, from approximately 12.4 mg/kg to 8.6 mg/kg. The concentration of both benzo(k)fluoranthene and indeno(1,23-cd)pyrene was reduced to less than the Track 1 SCO. The pre- and post-treatment VOC data were essentially the same, with the concentration of all individual VOC constituents less than the laboratory reporting limit except for p-isopropyltoluene, which was detected in the post-treatment sample at 16.7 µg/kg.

A second round of post-treatment testing was performed on June 22, 2007 and consisted of collecting two samples for TPH, SVOC and VOC analysis. Both samples contained TPH at a concentration less than the initial post treatment sample from December 2006 but still higher than baseline. A further reduction in total SVOC concentration occurred over time, with the concentration of all individual SVOC constituents less than the levels reported in December. VOCs were not detected in the June samples at concentrations exceeding the laboratory reporting limit.

2. Land Farm

A land farming treatment plot, approximately 50-feet wide, 50-feet long, and 0.5-feet thick, was constructed on a liner system similar to the biopile and consisted of approximately 50-cubic yards of soil derived from the same stockpiles used for the biopile test. Calcium peroxide, nitrate and microbes to enhance biological activity, were spread over the treatment area.

Soil sampling was performed immediately after construction to establish baseline conditions. The soil was then covered with a tarp until follow-up sampling was performed several weeks later to monitor and track the remedial progress. Endpoint samples were collected in June 2007. The samples were analyzed for TPH, SVOCs and VOCs.

Land Farming Testing Results

- The test was successful at reducing both TPH and SVOC levels to Track 1 SCOs.
- SVOCs initially increased during the first round of sampling but later decreased in the second round. The increase was attributed to inhomogeniety in the feedstock that produced different composite samples each time sampling was done.
- VOCs were reduced to Track 1 SCOs.

Feedstock for the land farm was also derived from stockpiles RS-1, 7 and 8. The baseline sampling results are discussed in the previous section. A post-treatment composite sample from the land farm was also collected on December 18, 2006 for TPH, SVOC and VOC analysis (Table 5). The laboratory data indicate that the December 18 sample contained TPH at a lower concentration than the pre-treatment sample (approximately 2.11 mg/kg vs. 900 mg/kg). However, the concentration of nearly all SVOC constituents was higher on December 18 than pre-treatment levels, with total SVOC concentration increasing from approximately 12.4 mg/kg to 25.6 mg/kg. The concentration of Benzo(a)anthracene, chrysene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(a)pyrene, and indeno(1,23-cd)pyrene was greater than the Track 1 SCOs on December 18. The VOC concentration on December 18 was consistent with the biopile results, in that VOCs were not detected in pre- and post-treatment samples, except for p-isopropyltoluene, which was detected in the December 18th sample at 8.85 µg/kg.

Two soil samples were collected from the land farm on June 22, 2007 and analyzed for TPH, SVOCs and VOCs. TPH in both samples was at a concentration similar to baseline levels of 900 mg/kg. Total SVOC concentration was much lower than the December 18 samples, with all individual SVOC constituents being less than the Track 1 SCOs. VOCs were not detected in the June samples.

C. Ex Situ Oxidation

- The pilot test of this technology successfully demonstrated its ability to reduce contaminant levels to Track 1 SCOs consistently in the shortest timeframe as compared to the other pilot technologies.

The ex situ oxidation pilot test consisted of using the pugmill to mix and blend petroleum-impacted soil from the various stockpiles with a chemical oxidant (Regen Ox^{TM}). A technical description of the chemical oxidation process is included in Appendix D. In general, this technology was evaluated by running several batches of soil through the pugmill system using varying stockpile volumes, reagent dosages and through-put iterations to assess how these variables affect the remedial outcome. Treated soil was returned to a holding area then sampled at various times to evaluate changes in chemical content compared to baseline conditions. Figure 6 shows the test area layout. The pugmill was setup on one of the concrete tank support pads in the southwest corner of the property. Stockpile soil was stored on the concrete tank pad immediately north of the pugmill, and the treated soil was stored at several locations: on a liner system adjacent to the biopile and land farm units; next to the pugmill; and on the stockpile storage pad. The oxidation testing was carried out in three phases as described below.

1. Phase 1 Testing

- Initially conducted in November 2006.
- The concentration of reagent needed to reduce the chemical content was calculated based on the baseline feedstock results.
- Various reagent loadings and pugmill runs were chosen to test how these parameters would affect treatment outcome.

The first phase was used to evaluate the overall feasibility of this technology. Soil from the eight test stockpiles discussed above, was used as feedstock and processed in six test batches that had different amounts of reagents and different numbers of runs through the pug mill as shown below. A description of which test piles were used to create each test batch is found ahead.

Correlation of Reagent Concentration and Pugmill Runs to Test Batch Number

Test Batch Number	Quantity (cubic yard)	Reagent Amount (1)	Pugmill Runs (2)
1	500	1X	1
2	250	1/2X	1
3	250	1/2X	2
4	500	1/2X	2
5	35	1X	2
6	250	2X	1

(1) X represents the calculated concentration of reagent (10 pounds per cubic yard, consisting of 5 pounds of Part A and 5 pounds of Part B mixed with approximately 1 gallon of water per cubic yard) necessary to reduce the concentration of petroleum hydrocarbon content to less than the Track 1 soil cleanup objectives.
(2) Indicates the number of times the batch is processed through the pugmill.

Baseline conditions were established in October 2006 prior to processing. To assess the overall remedial effectiveness, and the need to adjust oxidant application rates, the treated soil was sampled in November 2006, and then again in December 2006 for TPH and STARS list VOC and SVOC analyses.

Phase 1 Testing Results

- The progress samples collected three weeks after adding the reagents, and in December 2006 showed all of the SVOCs and VOCs were below Track 1 SCOs in all batches.
- VOC concentrations were reduced to undetectable levels in the December 2006 samples for Test Batches 2 and 3, and in the November and December samples for Test Batch 4.

The concentration of benzene in Test Batch 2 was reduced to less than the laboratory reporting limit in the November sample.

In October 2006, composite samples of feedstock were analyzed for TPH and STARS list SVOCs and VOCs to establish baseline levels for each test batch prior to treatment. Post treatment samples were collected in November and December of the same year. The table below correlates the test batch number to the raw stock soil pile and associated pre-treatment and post-treatment sample identification. The laboratory data are summarized in Table 6 and the laboratory data reports are included in Appendix C.

Phase 1 Sample Number Correlation Table

Test Batch ID	Source of Feedstock	Feedstock Baseline Sample ID	Post Treatment Sample ID
1	Stockpile #6	RS-6	OTC-1, -8(1), -9(1)
2	Stockpile #5	RS-5	OTC-2
3	Stockpiles #5	RS-5	OTC-3A
4	Stockpiles #3, 4	RS-4,3	OTC-3B
5	Stockpiles #3, 4	RS-4,3	OTC-4
6	Stockpiles #1, 7, 8	RS-1,7,8;	OTC-5

(1) The treated soil resulting from Test Batch 1 was processed a second time through the pugmill using the same reagent dosage. Sample OTC-8 characterizes the second run post treatment soil. Sample OTC-9 characterizes the same material that was amended with a pH buffer in the laboratory prior to analysis.

The remedial effectiveness was assessed through an evaluation of the SVOC and VOC sampling results, as there is no regulatory benchmark for TPH. The total concentration of SVOCs in the pre-treatment samples ranged from approximately 1.4 mg/kg (RS-4, 3) to 12.4 mg/kg (RS-1, 7, 8). Individual SVOC constituents exceeded the Track 1 SCOs in samples RS-6 and RS-1,7,8. The post-treatment sampling results show SVOCs were reduced the greatest in total value and percentage terms under Test Batch 1. Samples collected in November 2006, approximately three weeks after treatment, showed SVOC content was reduced nearly 84 percent, with all individual SVOC constituents at concentrations less than the Track 1 SCOs. Similar reductions were found in the second round post treatment samples collected in December 2006. Test Batch 2 also showed a nearly 50-percent total SVOC content reduction. Individual SVOC constituents that exceeded the SCOs in the feedstock for Test Batch 6 (RS-1, 7, 8) were reduced to levels that were less than the SCOs (sample OTC-5).

Even though VOCs were detected in all feedstock samples except RS-1, 7, 8, with total content ranging from approximately 0.6 mg/kg (RS-4,3) to 8.28 mg/kg (RS-5), only sample RS-5 contained an individual VOC (benzene) at a concentration exceeding the Track 1 SCO. Test Batches 2, 3 and 4 all resulted in over a 99-percent reduction in total VOC concentration. VOC content was reduced to less than the laboratory reporting limit in the second round post treatment samples for Test Batches 2 and 3 and in the initial and second round post treatment samples for Test Batch 4. The benzene in sample RS-5 was reduced to less than the laboratory-reporting limit in the initial post treatment sample for Test Batch 2. A limited number of post treatment samples (OTC-4 and OTC-5 from Test Batches 5 and 6) contained VOCs greater than baseline, but less than Track 1 SCOs.

2. Phase 2 Testing

- Conducted in December 2006.
- It consisted of mechanically screening the feedstock to remove large rocks, debris, and clumps of organic soil to provide for a more homogeneous feedstock.
- Pugmill runs were conducted with a reduced amount of reagent and additional pugmill mixing.

Based on the November 2006 Phase 1 sampling results, ex-situ oxidation was considered a feasible remedial option warranting additional study. Therefore, a second phase of testing was performed in December 2006 to assess the effect of homogenizing the feedstock and alternative oxidant dosages on the treatment process. Two test batches were run as shown below.

One of the observations made in the Phase 1 testing is the feedstock soil needed to be screened prior to mixing in the pugmill to remove any large pieces of debris (stones, wood, and metal) and break up clods of soil that may shield petroleum from coming in contact with the reagents. Therefore, prior to adding reagent in the pugmill, the Test Batch 2 soil was run through a mechanical screen to remove debris. The screened feedstock was then run through the pugmill to mix it thoroughly and the set up of the two test runs are shown in the following table:

Phase 2 Sample Number Correlation Table

Test Batch Number	Quantity (cy)	Reagent Amount [1]	Pugmill Runs [2]
1	250	0.1X	1
2	250	0.2X	1

(1) X represents the calculated concentration of reagent (10 pounds per cubic yard, consisting of 5 pounds of Part A and 5 pounds of Part B mixed with approximately 1 gallon of water per cubic yard) necessary to reduce the concentration of petroleum hydrocarbon content to less than the remedial cleanup objectives.
(2) Indicates the number of times the batch is processed through the pugmill.

Phase 2 Testing Results

- The results showed that homogenizing the material enhances the process' ability to meet the Track 1 remediation goals.
- Addition of smaller dosage amounts of reagent was effective with the more homogeneous material due to increased contact area for the oxidant and creating a consistent contaminant concentration that would not deplete the oxidant before complete oxidation was achieved.

Feedstock for Phase 2 was derived from the RS-1, 7, 8 stockpiles. The table below correlates the test batch number to the raw stockpile soil and associated pre-treatment and post-treatment sample identification. The laboratory data are summarized in Table 7 and the laboratory data reports are included in Appendix C.

Phase 2 Test Batch Number vs. Raw Stockpile Number Correlation Table

Test Batch ID	Source of Feedstock	Baseline Sample ID	Post Treatment Sample ID
1	Stockpiles #1, 7, 8	RS-1,7,8 (Unscreened)[1];	OTC-6
2	Stockpiles #1, 7, 8	RS-1,7,8 (Screened)[1]	OTC-7

(1) RS-1, 7, 8 (unscreened) represents a second test batch from the RS-1, 7, 8 stockpiles collected in December and processed as-is through the pugmill. RS-1, 7, 8 (screened) was collected at the same time, but mechanically screened prior to processing.

The Phase 2 testing results showed that the screened feedstock had better results than the unscreened feedstock when the Test Batch 1 and 2 results are compared (Table 5). These results support the conclusion that contaminant concentrations can be significantly reduced by homogenizing the feedstock prior to pugmill processing for both VOCs and SVOCs. The results

also concluded that a lower oxidant loading was more effective when the material was homogeneous to achieve Track 1 SCOs.

3. Phase 3 Testing

- Conducted in June 2007.
- Reconfirmed the earlier tests for highest average contaminated materials.
- The Phase 3 testing procedure was developed from the Phase 2 test results.
- The Phase 3 results were repeatable and achieved Track 1 SCOs.

After the positive results from the Phase 2 testing were observed, a third phase of testing was proposed to fine-tune the remedial process and build upon the findings of the two prior phases. Two of the findings from the first two phases were the importance of removing all large debris from the feedstock and thoroughly mixing the soil to make sure it is homogeneous. Through this screening process, the ratio of oxidant to chemical loading is more consistent, and the results of individual tests can be compared to each other without regard to interferences produced by non-homogeneous feedstock materials.

Phase 3 testing was performed in June and July 2007 in concert with the additional RI sampling in the area formerly delineated by TPH only. Data from the 18 test pits installed for the RI were used to identify additional areas where soil could be excavated for the Phase 3 testing.

Soil derived from 6 of 18 test pits dug to collect soil samples for the RI (TP-1, -10, -11, -13, -15 and -17) was used to create the stockpiles from which the feedstock was prepared (Figure 4). Approximately 20 cubic yards of soil from each test pit was screened to remove rocks and other debris and then combined into a single stockpile. The composite stockpile was then thoroughly homogenized using a backhoe and Payloader to produce a consistent quality. The material was then segregated into five approximately 20-cubic yard piles, sampled and analyzed to determine the variations in chemical quality of each stockpile. The original intent was to use each stockpile as a separate feedstock for each pugmill run. However, the chemical results showed that the stockpiles were fairly close to each other in chemical quality. This allowed all of the stockpiles

to be combined into one feedstock pile adjacent to the pugmill from which 20-yd batches were taken for the test runs. These batches were processed as follows:

Phase 3 Test Batch Numbering Matrix and Test Specifications

Test Batch Number	Quantity (cubic yard)	Reagent Amount (1)	Pugmill Runs (2)
1	20	0X (No reagent)	1
2	20	1/4X	1
3	20	1/2X	1
4	20	3/8X	1
5	35	1.1X	1

(1) X represents the calculated concentration of reagent (10 pounds per cubic yard, consisting of 5 pounds of Part A and 5 pounds of Part B mixed with approximately 1 gallon of water per cubic yard) necessary to reduce the concentration of petroleum hydrocarbon content to less than the remedial cleanup objectives.
(2) Indicates the number of times the batch is processed through the pugmill.

Phase 3 Test Results

- The total concentration of SVOCs in baseline samples ranged from approximately 21.3 mg/kg to 25.7 mg/kg.
- Of the individual SVOC components detected, 2-methylnaphthalene, naphthalene, acenaphthene, anthracene, fluorene, and phenanthrene experienced the greatest reduction in concentration.
- VOCs were detected in all baseline samples ranging from approximately 12 mg/kg to 16.9 mg/kg. The only VOC that exceed Track 1 SCOs was 1,2,4-trimethylbenzene and it was found in all samples at roughly the same concentration.
- 1,2,4-trimethylbenzene was not detected in the post treatment samples.
- The total concentration of TPH in the baseline samples was fairly consistent from pile to pile, ranging from 2,772 mg/kg to 3,297 mg/kg. There was little change in TPH concentration in the post treatment samples.

Initially, the feedstock was separated into five stockpiles that were sampled in June 2007 for SVOC, VOC and TPH analyses to establish baseline levels for each test batch prior to treatment. As mentioned above, the five stockpiles were combined because the chemical results for each pile were practically identical. Two post treatment samples from each test batch were collected in July. The table below correlates the test batch number to the feedstock and associated pre-treatment sample identification. The laboratory data are summarized in Tables 8 through 10 and the laboratory reports are included in Appendix C.

Phase 3 Pretreatment Sample Number Matrix

Test Batch ID	Source of Raw Stock	Baseline Sample ID
1	Recombined Stockpile	Comp1
2	Recombined Stockpile	Comp2
3	Recombined Stockpile	Comp3
4	Recombined Stockpile	Comp4
5	Recombined Stockpile	Comp5

The post treatment sample results cannot be compared to an individual Baseline Sample, as the baseline sample feedstock piles were combined into one pile after their chemical results showed they were essentially similar. The post treatment results can be compared to the average feedstock results and the Part 375 cleanup standards to determine the effectiveness of the various treatment procedures.

The post-treatment test batches were positioned on the concrete tank base and separated from each other. Samples were taken from each treated pile and numbered using the identifiers in the table below.

Phase 3 Post Treatment Sample ID

Pile1 (1), Pile 1 (2)*
Pile 2 (1), Pile 2 (2)
Pile 3 (1), Pile 3 (2)
Pile 4 (1), Pile 4 (2)
Pile 5 (1), Pile 5 (2)

*The (1) and (2) designations refer to the two sampling rounds

The total SVOC content in the pre-treatment samples ranged from approximately 21.3 mg/kg (Comp3) to 25.7 mg/kg (Comp1) (Table 8). Using the average results of the two post-treatment samples, the data indicate that total SVOC content was reduced between 74-percent and 89-percent compared to baseline. Of the individual SVOC components, 2-methylnaphthalene, naphthalene, acenaphthene, anthracene, fluorene, and phenanthrene experienced the greatest reduction in concentration over the treatment period.

VOCs were detected in all pre-treatment samples, at a total content ranging from approximately 12 mg/kg (Comp2) to 16.9 mg/kg (Comp1) (Table 9). 1,2,4-trimethylbenzene was found in all samples. The concentration of 1,2,4-trimethylbenzene ranged from approximately 4.9 mg/kg (Comp2) to 5.8 mg/kg (Comp1). Using the average of the results of the two post-treatment samples, the data indicate that total VOC content was reduced between 95-percent and 99-percent compared to baseline, with all individual VOC constituents less than the Track 1 SCOs. 1, 2, 4-trimethylbenzene was not detected in the post treatment samples.

Total TPH content in the baseline samples was fairly consistent from pile to pile, ranging from 2,772 mg/kg (Comp2) to 3,297 mg/kg (Comp3) (Table 10). There was little change in TPH concentrations in the post treatment samples.

4. Assessment of the Technologies

All of the technologies were evaluated to assess their use for reducing the contaminants found in the soil to levels appropriate for the proposed future use of the property. A brief summation of the technologies follows, and a preliminary ranking table is at the end of this section to numerically rank the three technologies.

Assessment of Biopile and Land Farm Technologies

- An assessment of the remedial progress approximately eight months after initiating the tests indicated that the biopile and land farming technologies were successful in reducing the concentration of individual SVOC constituents to levels less than the Track 1 SCOs.
- Both of these technologies, however, were time consuming, and did not provide consistent or better results compared to the more aggressive ex-situ chemical oxidation process. As a result, no further testing of the biopile or land farming technologies was performed.

Assessment of the Ex-Situ Remedial Technology

- Ex situ oxidation, combined with mechanical screening, was consistently successful in reducing the concentration of VOC and SVOC petroleum hydrocarbon contaminants to less than the Track 1 SCOs.

Technology Ranking

- Ex situ oxidation ranks higher than the other two technologies in this preliminary ranking. However, as all of the technologies can meet the cleanup goals, the Feasibility Study will select the appropriate technology when land use and other ranking factors are considered.

Preliminary Ranking (Land Use not considered)

Technology/Rating Factor	Land Farming	Biopile	Ex situ Oxidation
Potential to eliminate contamination	5	5	5
Ability to Produce Consistent Results	3	4	5
Time Needed to Achieve Remediation Goals	1	2	5
Cost	5	3	1
Total Rating	14	14	16

Rating is based on 1-5 scale with 5 being the best results and 1 being the worst results

D. Groundwater Treatment Using Nitrate Amendment

- The pilot test showed this technology could remediate groundwater at the property.
- A 50-sf test plot in a high-TPH location where groundwater contained detectable petroleum constituents was selected for the test.
- Baseline conditions for VOCs, SVOCs ammonia, TPH, and TKN were determined prior to starting the test.
- Nitrate salts were irrigated into the ground.
- Groundwater was sampled after several months to measure the effectiveness of the technology and obtain design data.

A description of the nitrate remediation process is in Appendix D. Nitrate compounds applied to soil or groundwater can enhance biological activity by serving as a terminal electron acceptor for indigenous anaerobic and facultative anaerobic bacteria. Petroleum hydrocarbons and nitrate are

depleted over time as the nitrate molecule is used as the terminal electron acceptor by microbes during anaerobic metabolization.

An approximately 50 x 50 foot plot of undisturbed soil adjacent to an area that showed moderate to high TPH residual content was selected as the test plot (Figure 6). The test plot was also near the only monitoring wells that showed elevated constituents in the groundwater. Two monitoring wells were installed upgradient and downgradient of the test area to establish background groundwater quality and to track groundwater conditions during the test period.

Prior to starting the test, baseline conditions were determined by analyzing groundwater samples from the two new wells for TPH, SVOCs, VOCs, ammonia, and TKN. Nitrate salts were then applied to the ground and irrigated to promote percolation through the soil column, which is akin to directly applying them to the groundwater. Post treatment groundwater monitoring for the same constituents was used to evaluate the remedial progress and to supply feedback data on the need to adjust nitrate dosages over time.

Nitrate Amendment Results

The results summarized in the following tables, showed nitrate addition could remediate residual petroleum constituents in groundwater.

Groundwater Treatment Results

PTW-1	Baseline	December 2006	July 2007
TPH	0.023 mg/l		
VOCs, total	7.7 ug/l	ND	ND
SVOCs, total Acenaphthene	< standards	> baseline	< baseline

PTW-2	Baseline	December 2006	July 2007
TPH	0.026 mg/l		
VOCs, total Benzene	7.5 ug/l > standards	Only benzene detected > standards	ND ND
SVOCs	ND	> baseline < standards	> baseline < standards

Groundwater samples from monitoring wells PTW-1 and PTW-2 were collected in November 2006, prior to the application of nitrate salts, to establish baseline conditions. The laboratory data are summarized in Table 11 and the laboratory data reports are included in Appendix C.

TPH was detected in samples from both wells at relatively low concentrations, 0.023 mg/l and 0.026 mg/l respectively. Acenaphthene was the only SVOC constituent detected in PTW-1, and it was found at a concentration well below the NYSDEC groundwater cleanup standard. SVOCs were not detected in PTW-2 at a concentration exceeding the laboratory reporting limits. A limited number of VOC constituents were detected, with total concentrations at 7.7 µg/l (PTW-1) and 7.5 µg/l (PTW-2). The PTW-2 sample contained one constituent (benzene) at a concentration exceeding the NYSDEC groundwater cleanup standard.

Total SVOC concentration increased slightly at PTW-1 during the first round of post-treatment sampling in December 2006 then decreased to less than baseline in July 2007. At PTW-2, total SVOC concentration was slightly higher than baseline during both post treatment-sampling rounds. Total VOC concentration at PTW-1 was reduced to less than the laboratory reporting limit during the first post treatment sampling round and remained at this concentration as of the second sampling round. At PTW-2, benzene remained at a concentration exceeding the NYSDEC groundwater cleanup standard as of December 2006, and it was the only VOC constituent detected in this sample. VOCs were not detected in the second round post treatment sample from PTW-2 in July 2007 at a concentration exceeding the laboratory-reporting limit.

Assessment of the Nitrate Amendment Technology

The post treatment sampling results indicate that the direct application of nitrate compounds to groundwater successfully reduced the concentration of petroleum hydrocarbon constituents. Nitrate amendment is recommended as a remedial technology if achievement of Track 1 SCOs is selected for the site. However, groundwater quality will also improve over time when the impacted soil is remediated. The extent of groundwater treatment will be determined in the

Remedial Action Work Plan (RAWP), based on the SCO selected for unrestricted or restricted residential use.

FINAL REMEDIAL INVESTIGATION AND PILOT TEST RESULTS

The findings and conclusion of the remedial investigation, pilot test activities and qualitative exposure assessment are as follows:

A. Soil

Site investigations performed in the early 1990s identified the presence of petroleum hydrocarbon residuals in soil at concentrations exceeding the then-current NYSDEC cleanup criteria. These earlier assessments relied on the analysis of TPH (Method 418.1) as a way to broadly characterize petroleum hydrocarbon-related impacts with a subset of samples also analyzed for individual SVOC and VOC constituents. While certain individual organic constituents were found at concentrations exceeding cleanup guidelines, the bulk of detected compounds fell into the "tentatively identified compounds" category.

The more recent comprehensive soil investigations performed in 2000 and beyond determined that the majority of residual petroleum hydrocarbons, formerly characterized by TPH, were present in the upper four-foot zone of soil and east of the "clean area" boundary established by LAW. However, the feedstock baseline data, and the detailed analyses of soil throughout the property conducted to complete the RI, showed the continuing presence of petroleum chemicals exceeding standards that need to be addressed for its current industrial use or proposed future residential uses.

The baseline sampling for test pits 1, 6, 7, and 8 showed the presence of VOCs and SVOCs exceeding Track 1 SCOs. The more comprehensive sampling conducted throughout the property showed that petroleum-contaminated soil is not uniformly distributed throughout the "impacted" area. First, the potential that undocumented releases occurred in the delineated area, which were not previously identified, is possible. Second, and a more likely explanation, is that there has been some redistribution of the petroleum product by frequent flooding of the Site by tidal and storm events. This likely movement of product by weather influences makes it difficult to definitively delineate every location in this more contaminated part of the Site. Even if sampling

were conducted, contaminant conditions can be altered. PDC and GF believe sufficient investigation has been performed to commence remediation. Site remedial efforts will involve soil excavation and screening, which will locate and remediate all areas of contaminated soil on the Site.

The only other contaminants found at the site over the Track 1 SCOs were PCBs in soil along the southwest property boundary during the early 1990s site investigations. Confirmatory soil sampling in and around this area in 2001 showed that the concentration did not exceed Track 2 Industrial SCOs. However, the sample results revealed the presence of these constituents at concentrations slightly exceeding the Track 1 Residential SCOs (see Figure 3). The current PCB content should be determined during the implementation of the RAWP when soil is removed from this area. This area of the Site is part of the wetland area. Wetland impacts will be addressed in the RAWP. If the residential standards are exceeded, they can be addressed in the remedial action plan. RCRA metals were not present at concentrations warranting further evaluation.

Based on the combined environmental database developed by GF and other parties, the nature and extent of petroleum hydrocarbon residuals in soil has been adequately characterized, and the data are sufficient to support remedial action decisions that will be made based on current industrial and now contemplated residential land use for the Site.

B. Groundwater

Groundwater flows radially to the surrounding water bodies and is tidally influenced. The monitoring well network provides sufficient coverage across the property to assess groundwater quality downgradient of the former ASTs and other petroleum-handling areas. Sampling over time has indicated that individual semi-volatile and volatile organic constituents have been found at concentrations exceeding groundwater cleanup standards. However, the results show that petroleum hydrocarbon-related impacts were limited in nature and extent. Two of nine monitoring wells sampled as part of LAW's site investigation in 2001 contained individual

SVOCs and VOCs at concentrations exceeding groundwater standards. If Track 1 SCO unrestricted cleanup levels are selected for the remedy, existing dissolved contaminants can be further treated if necessary as shown in the pilot study.

C. Soil Vapor

Soil vapor sampling performed in 2006 along the northeast property boundary, where the nearest residential homes are located, did not reveal the presence of VOCs at concentrations exceeding the selected comparison criteria (USEPA Region III Risk-Based Concentrations for Ambient Air and the NJDEP Vapor Intrusion Guidance). As a result, no further investigation of soil vapor migration is warranted.

However, the potential for soil vapor was documented with the vapor samples taken from the treated stockpiles. Therefore, soil gas concentrations should be re-evaluated after source removal is achieved.

D. Soil and Groundwater Pilot Test Results

Of the three soil pilot test technologies tested by GF (biopile, land farming and ex-situ oxidation), ex-situ oxidation produced the most reliable results in the shortest amount of time. Chemical oxidation was successful in reducing the concentrations of SVOCs and VOCs in soil to less than the Track 1 SCOs, especially when combined with mechanical screening and homogenization to reduce treatment variations. The biopile and land farming technologies were also successful in reducing the concentration of individual SVOC constituents to levels less than the Track 1 SCOs. Both technologies, however, were time consuming and did not provide consistent or better results compared to the more aggressive ex-situ chemical oxidation process.

Post treatment groundwater sampling indicated that the application of nitrate compounds to groundwater was successful in enhancing biodegradation, and in reducing the concentration of

SVOCs and VOCs. This treatment can be applied if Track 1 SCOs are selected for the remedial alternative.

E. QEA

The QEA concluded that, under current site conditions, the soil and groundwater exposure pathways were considered complete. Trespassers and on-site workers may come in contact with constituents of concern in soil or groundwater if excavation occurs. Access to the site is controlled by a lockable fence, which minimizes the possibility of unauthorized entry and casual or indirect contact with affected soil. Potential risks to Site workers are controlled by the use of a site-specific health and safety plan and engineering controls to mitigate exposure to impacted soil, groundwater and fugitive dust. The soil vapor exposure pathway was also determined to be complete. However, the results of GF's soil vapor study indicate that chemical constituents were not present in the soil vapor at concentrations exceeding the comparison criteria. As a result, it is not expected that the soil vapor poses an unacceptable risk to the adjacent property users. The presence of soil vapor in the treated stockpiles did not exceed the standards, and reduction of the vapor components would occur during remediation, further reducing the potential for these vapors to become a nuisance during future use.

Under a future use residential scenario, complete exposure pathways exist for Site construction workers who may come in contact with impacted soil, groundwater and fugitive dust as part of their routine work activities until remediation is complete. However, potential risks would be controlled through the use of a site-specific health and safety plan and engineering controls to mitigate exposure. Site remediation would be needed to enable soil conditions to satisfy the appropriate Track 1 unrestricted or Track 2 restricted residential SCOs for the intended residential use. Based on the results of the pilot tests, unrestricted Track 1 SCOs can be achieved.

Other than worker exposure, the groundwater exposure pathway under both the current, future and proposed future land use scenarios was deemed incomplete because local shallow groundwater is not used as a potable source.

The ecological component of the QEA concluded that current site conditions can support certain sensitive ecological receptors. A review of the environmental monitoring database indicates that none of the contaminants in surface soil were found at concentrations exceeding the ecological threshold values established by NYSDEC. As a result, the exposure pathway is deemed incomplete. If industrial uses were to continue at the Site, remedial actions would not be necessary to satisfy NYSDEC soil cleanup objectives. Under the future residential use scenario contaminants in soil and groundwater would need to be reduced to permissible levels for the intended unrestricted or restricted use. The pilot tests showed Track 1 SCOs, if selected, can be achieved if both the preferred soil and groundwater remedial technologies were implemented, which will result in an incomplete exposure pathway and an absence of quantifiable risk.

NYSDEC has not published ecological cleanup objectives for surface water, but relies on the Ambient Water Quality Standards. A limited number of VOCs and SVOCs have been found in groundwater at concentrations exceeding the cleanup standards, thereby creating a potentially complete exposure pathway to surface water. However, the surface water is tidally affected, and connected to the surrounding bays and the Atlantic Ocean. Groundwater discharge into the adjacent surface water will likely result in sufficient dilution of dissolved constituents to render them undetectable in the surface water. In addition, the proposed remedial activities will mitigate groundwater conditions and, as a result, eliminate the exposure pathway.

CONCLUSION

The RI of the Site is complete. Upon the NYSDEC and NYSDOH approval of this RIR, subject to public comment, PDC is prepared to draft the RAWP. A schedule for the activities associated with the remedial action will be included in the RAWP.

FORMER CIBRO BROTHERS TERMINAL SITE
ISLAND PARK, NEW YORK

TABLE 1

JUNE 7, 2007 TEST PIT SOIL SAMPLES - SVOC

Collected Date / Sample Name	Track 1 SCO	Industrial	06/07/07 TP1 (0-2)	06/07/07 TP1 (2-4)	06/07/07 TP-1 (4-7)	06/07/07 TP2 (0-2)	06/07/07 TP2 (2-4)	06/07/07 TP3 (0-2)	06/07/07 TP3 (2-4)	06/07/07 TP4 (0-2)	06/07/07 TP4 (2-4)	06/07/07 TP-4 (5-7)
Analyte												
1,2,4-Trichlorobenzene	--	--	18.5 U	29.9 U	167 U	28.9 U	19.7 U	19.6 U	16.7 U	17 U	17.2 U	14.5 U
1,2-Dichlorobenzene	--	--	25.7 U	46.0 U	213 U	44.6 U	27.3 U	27.2 U	23.2 U	23.6 U	23.9 U	18.5 U
1,2-Diphenylhydrazine	--	--	20.9 U	45.0 U	212 U	43.6 U	22.2 U	22.1 U	18.8 U	19.1 U	19.4 U	18.3 U
1,3-Dichlorobenzene	--	--	25.0 U	27.1 U	172 U	26.3 U	26.6 U	26.5 U	22.6 U	22.9 U	23.3 U	14.9 U
1,4-Dichlorobenzene	--	--	19.5 U	30.9 U	139 U	29.9 U	20.8 U	20.6 U	17.6 U	17.9 U	18.2 U	12 U
2,3,4,6-Tetrachlorophenol	--	--	110 U	69.3 U	288 U	67.2 U	117 U	117 U	99.5 U	101 U	103 U	24.9 U
2,4,5-Trichlorophenol	--	--	19.3 U	29.4 U	252 U	28.5 U	20.5 U	20.4 U	17.4 U	17.7 U	18 U	21.8 U
2,4,6-Trichlorophenol	--	--	19.5 U	16.7 U	206 U	16.2 U	20.8 U	20.6 U	17.6 U	17.9 U	18.2 U	17.8 U
2,4-Dichlorophenol	--	--	20.2 U	23.0 U	181 U	22.3 U	21.5 U	21.4 U	18.2 U	18.5 U	18.8 U	15.6 U
2,4-Dimethylphenol	--	--	30.6 U	36.4 U	149 U	35.3 U	32.6 U	32.4 U	27.6 U	28.1 U	28.5 U	12.9 U
2,4-Dinitrophenol	--	--	251 U	119 U	1,120 U	115 U	267 U	266 U	227 U	230 U	234 U	97.1 U
2,4-Dinitrotoluene	--	--	51.6 U	17.1 U	141 U	16.6 U	54.9 U	54.6 U	46.6 U	47.3 U	48 U	12.2 U
2,6-Dinitrotoluene	--	--	34.9 U	29.3 U	160 U	28.4 U	37.1 U	36.9 U	31.5 U	32 U	32.5 U	13.9 U
2-Chloronaphthalene	--	--	24.9 U	37.3 U	196 U	36.2 U	26.5 U	26.3 U	22.5 U	22.8 U	23.2 U	17 U
2-Chlorophenol	--	--	38.6 U	42.4 U	232 U	41.1 U	41.1 U	40.8 U	34.8 U	35.4 U	35.9 U	20.1 U
2-Methylnaphthalene	--	--	8,360	25.0 U	213 U	33.5	27.9 U	27.8 U	23.7 U	135 J	24.4 U	18.5 U
2-Methylphenol	--	--	19.1 U	39.8 U	189 U	38.6 U	20.3 U	20.2 U	17.2 U	17.5 U	17.7 U	16.3 U
2-Nitroaniline	--	--	25.0 U	35.4 U	167 U	34.3 U	26.6 U	26.5 U	22.6 U	22.9 U	23.3 U	14.5 U
2-Nitrophenol	--	--	23.9 U	26.4 U	162 U	25.5 U	25.4 U	25.3 U	21.6 U	21.9 U	22.2 U	14 U
3,3'-Dichlorobenzidine	--	--	27.2 U	58.4 U	369 U	56.6 U	28.9 U	28.7 U	24.5 U	24.9 U	25.3 U	31.9 U
3+4-Methylphenol	--	--	24.5 U	36.9 U	232 U	35.7 U	26 U	25.9 U	22.1 U	22.4 U	22.8 U	20.1 U
3-Nitroaniline	--	--	33.7 U	40.4 U	283 U	39.1 U	35.8 U	35.6 U	30.4 U	30.9 U	31.3 U	24.5 U
4,6-Dinitro-2-methylphenol	--	--	460 U	364 U	3,230 U	353 U	489 U	486 U	415 U	422 U	428 U	280 U
4-Bromophenyl phenyl ether	--	--	12.8 U	37.1 U	278 U	36 U	13.6 U	13.5 U	11.5 U	11.7 U	11.9 U	24.1 U
4-Chloro-3-methylphenol	--	--	55.1 U	49.8 U	338 U	48.2 U	58.6 U	58.2 U	49.7 U	50.5 U	51.3 U	29.3 U
4-Chloroaniline	--	--	35.2 U	50.2 U	211 U	48.7 U	37.5 U	37.2 U	31.8 U	32.3 U	32.8 U	18.3 U
4-Chlorophenyl phenyl ether	--	--	23.9 U	34.2 U	186 U	33.1 U	25.4 U	25.3 U	21.6 U	21.9 U	22.2 U	16.1 U
4-Nitroaniline	--	--	60.2 U	21.7 U	355 U	21.1 U	64 U	63.6 U	54.3 U	55.1 U	55.9 U	30.7 U
4-Nitrophenol	--	--	74.9 U	501 U	367 U	486 U	79.6 U	79.1 U	67.5 U	68.6 U	69.6 U	31.8 U
Acenaphthene	20,000	1,000,000	1,520	41.2 U	2,210 J	39.9 U	214 J	294 J	118 J	166 J	542	15.6 U
Acenaphthylene	100,000	1,000,000	23.2 U	40.3 U	217 U	39 U	24.7 U	24.6 U	21 U	21.3 U	21.6 U	18.8 U
Aniline	--	--	24.8 U	39.9 U	234 U	38.7 U	26.4 U	26.2 U	22.4 U	22.7 U	23.1 U	20.2 U
Anthracene	100,000	1,000,000	30.6 U	111 J	1,190 J	78.1	32.6 U	32.4 U	27.6 U	28.1 U	265 J	22 U
Benzidine	--	--	470 U	669 U	7,670 U	648 U	500 U	497 U	424 U	431 U	437 U	664 U
Benzo(a)anthracene	1,000	11,000	133 J	44.3 U	347 U	211	36.3 U	36.1 U	30.8 U	31.3 U	31.7 U	30.1 U
Benzo(a)pyrene	1,000	1,100	147 J	38.8 U	294 U	199	25.2 U	25 U	21.4 U	21.7 U	22 U	25.4 U
Benzo(b)fluoranthene	1,000	11,000	83.7 J	48.0 U	367 U	216	33.8 U	33.6 U	28.6 U	29.1 U	29.5 U	31.8 U
Benzo(g,h,i)perylene	100,000	1,000,000	36.8 U	38.0 U	361 U	125	39.1 U	38.9 U	33.2 U	33.7 U	34.2 U	31.3 U
Benzo(k)fluoranthene	800	110,000	70.4 J	45.2 U	339 U	177	45.6 U	45.3 U	38.7 U	39.3 U	39.9 U	29.4 U
Benzoic acid	--	--	2,720 U	2,480 U	19,100 U	2400 U	2,890 U	2,870 U	2,450 U	2,490 U	2,530 U	1,650 U
Benzyl alcohol	--	--	27.3 U	36.0 U	181 U	34.9 U	29 U	28.8 U	24.6 U	25 U	25.4 U	15.7 U

FORMER CIBRO BROTHERS TERMINAL SITE
ISLAND PARK, NEW YORK

TABLE 1

JUNE 7, 2007 TEST PIT SOIL SAMPLES - SVOC

Collected Date / Sample Name	Track 1 SCO	Industrial	06/07/07 TP1 (0-2)	06/07/07 TP1 (2-4)	06/07/07 TP-1 (4-7)	06/07/07 TP2 (0-2)	06/07/07 TP2 (2-4)	06/07/07 TP3 (0-2)	06/07/07 TP3 (2-4)	06/07/07 TP4 (0-2)	06/07/07 TP4 (2-4)	06/07/07 TP-4 (5-7)
Analyte												
bis(2-Chloroethoxy)methane	--	--	22.2 U	38.7 U	243 U	37.5 U	23.6 U	23.5 U	20 U	20.4 U	20.7 U	21.1 U
bis(2-Chloroethyl)ether	--	--	25.4 U	36.4 U	202 U	35.3 U	27 U	26.8 U	22.9 U	23.3 U	23.6 U	17.5 U
bis(2-Chloroisopropyl)ether	--	--	24.5 U	33.4 U	176 U	32.3 U	26 U	25.9 U	22.1 U	22.4 U	22.8 U	15.2 U
bis(2-Ethylhexyl)phthalate	--	--	640	66.4 U	799 J	64.4 U	63.5 U	63.1 U	53.8 U	54.7 U	55.5 U	59.8 U
Butyl benzyl phthalate	--	--	29.3 U	24.5 U	291 U	23.8 U	31.1 U	31 U	26.4 U	26.9 U	27.2 U	25.2 U
Carbazole	--	--	72.6 U	73.1 U	605 U	70.8 U	77.2 U	76.7 U	65.5 U	66.6 U	67.5 U	52.4 U
Chrysene	1,000	110,,000	252 J	49.5 U	405 J	261	37.5 U	37.2 U	31.8 U	32.3 U	32.8 U	30.3 U
Cresols	--	--	196 U	121 U	421 U	117 U	46.3 U	46.1 U	39.3 U	39.9 U	40.5 U	36.4 U
Dibenz(a,h)anthracene	330	1,100	35.1 U	36.4 U	385 U	35.3 U	37.4 U	37.1 U	31.7 U	32.2 U	32.7 U	33.3 U
Dibenzofuran	--	--	26.9 U	41.0 U	259 U	39.7 U	28.6 U	211 J	84.2 J	24.7 U	25.1 U	22.4 U
Diethyl phthalate	--	--	25.1 U	28.5 U	213 U	27.6 U	26.7 U	26.6 U	22.7 U	23 U	23.4 U	18.5 U
Dimethyl phthalate	--	--	21.4 U	21.3 U	214 U	20.6 U	22.8 U	22.7 U	19.3 U	19.7 U	19.9 U	18.5 U
Di-n-butyl phthalate	--	--	39.6 U	48.7 J	299 U	40.4	42.1 U	41.9 U	35.7 U	36.3 U	36.8 U	25.9 U
Di-n-octyl phthalate	--	--	39.6 U	43.8 U	294 U	42.4 U	42.1 U	41.9 U	35.7 U	36.3 U	36.8 U	25.5 U
Fluoranthene	100,000	1,000,000	326 J	38.9 U	847 J	320	34.7 U	34.5 U	29.5 U	29.9 U	30.4 U	28.9 U
Fluorene	30,000	1,000,000	4,350	34.8 U	4,660	49.2	331 J	568 J	23.8 U	365 J	1,130	23.7 J
Hexachlorobenzene	--	--	32.1 U	30.4 U	296 U	29.5 U	34.1 U	33.9 U	28.9 U	29.4 U	29.9 U	25.6 U
Hexachlorobutadiene	--	--	17.2 U	27.8 U	212 U	27 U	18.3 U	18.1 U	15.5 U	15.7 U	16 U	18.4 U
Hexachlorocyclopentadiene	--	--	7.25 U	333 U	54.9 U	322 U	7.71 U	7.66 U	6.54 U	6.65 U	6.74 U	4.75 U
Hexachloroethane	--	--	25.4 U	53.3 U	161 U	51.6 U	27 U	26.8 U	22.9 U	23.3 U	23.6 U	13.9 U
Indeno(1,2,3-cd)pyrene	500	11,000	35.2 U	38.7 U	312 U	127	37.5 U	37.2 U	31.8 U	32.3 U	32.8 U	27 U
Isophorone	--	--	27.8 U	32.9 U	184 U	31.9 U	29.6 U	29.4 U	25.1 U	25.5 U	25.9 U	16 U
Naphthalene	12,000	1,000,000	1,230	35.2 U	229 U	34.1 U	26.6 U	26.5 U	22.6 U	22.9 U	23.3 U	19.9 U
Nitrobenzene	--	--	20.0 U	28.5 U	271 U	27.6 U	21.2 U	21.1 U	18 U	18.3 U	18.6 U	23.4 U
N-Nitrosodimethylamine	--	--	53.0 U	55.7 U	211 U	53.9 U	56.3 U	56 U	47.8 U	48.6 U	49.3 U	18.3 U
N-Nitrosodi-n-propylamine	--	--	48.0 U	30.9 U	156 U	29.9 U	51.1 U	50.8 U	43.3 U	44 U	44.7 U	13.5 U
N-Nitrosodiphenylamine	--	--	28.7 U	38.0 U	246 U	36.8 U	30.5 U	30.4 U	25.9 U	26.3 U	26.7 U	21.3 U
Pentachlorophenol	800	55,000	452 U	551 U	3,930 U	534 U	481 U	478 U	408 U	415 U	421 U	340 U
Phenanthrene	100,000	1,000,000	8,060	203 J	6,900	141	29.1 U	1,170	108 J	767	1,860	30.5 J
Phenol	330	1,000,000	45.0 U	542 U	455 U	525 U	47.9 U	47.6 U	40.6 U	41.3 U	41.9 U	39.4 U
Pyrene	100,000	1,000,000	879	66.9 J	1,040 J	339	36.6 U	203 J	143 J	31.6 U	32 U	24.8 U
Pyridine	--	--	36.5 U	346 U	299 U	336 U	38.8 U	38.6 U	32.9 U	33.4 U	33.9 U	25.9 U

NOTES:
Samples analyzed by ETL of Farmingdale, NY
Concentrations shown in bold exceed Track 1 SCO
Concentrations shown in bold italics exceed Industrial criteria
All concentrations shown are ug/kg
-- No standard

FORMER CIBRO BROTHERS TERMINAL SITE
ISLAND PARK, NEW YORK

TABLE 1

JUNE 7, 2007 TEST PIT SOIL SAMPLES - SVOC

Collected Date / Sample Name / Analyte	Track 1 SCO	Industrial	06/07/07 TP5 (0-1.5)	06/07/07 TP5 (1.5-3)	06/07/07 TP-5 (5-7)	06/07/07 TP6 (0-2)	06/07/07 TP6 (2-4)	06/07/07 TP7 (0-2)	06/07/07 TP7 (2-4)	06/07/07 TP-7 (4-7)	06/07/07 TP8 (0-2)	06/07/07 TP8 (4-5)
1,2,4-Trichlorobenzene	--	--	25.9 U	27.4 U	9.08 U	30.3 U	26.9 U	646 U	544 U	178 U	30.2 U	10 U
1,2-Dichlorobenzene	--	--	33 U	34.9 U	11.6 U	38.6 U	34.3 U	822 U	693 U	227 U	38.5 U	15.4 U
1,2-Diphenylhydrazine	--	--	32.8 U	34.7 U	11.5 U	38.4 U	34 U	817 U	688 U	226 U	38.2 U	15.1 U
1,3-Dichlorobenzene	--	--	26.6 U	28.2 U	9.32 U	31.1 U	27.6 U	663 U	559 U	183 U	31 U	9.09 U
1,4-Dichlorobenzene	--	--	21.5 U	22.7 U	7.52 U	25.1 U	22.3 U	535 U	451 U	148 U	25 U	10.3 U
2,3,4,6-Tetrachlorophenol	--	--	44.6 U	47.2 U	15.6 U	52.1 U	46.3 U	1,110 U	935 U	307 U	51.9 U	23.2 U
2,4,5-Trichlorophenol	--	--	39.1 U	41.4 U	13.7 U	45.7 U	40.6 U	973 U	820 U	269 U	45.5 U	9.85 U
2,4,6-Trichlorophenol	--	--	31.9 U	33.7 U	11.2 U	37.3 U	33.1 U	794 U	669 U	219 U	37.2 U	5.61 U
2,4-Dichlorophenol	--	--	28 U	29.6 U	9.8 U	32.8 U	29.1 U	697 U	588 U	193 U	32.6 U	7.69 U
2,4-Dimethylphenol	--	--	23.1 U	24.4 U	8.08 U	27 U	24 U	575 U	484 U	159 U	26.9 U	12.2 U
2,4-Dinitrophenol	--	--	174 U	184 U	60.8 U	203 U	180 U	4,320 U	3,650 U	1,190 U	202 U	39.8 U
2,4-Dinitrotoluene	--	--	21.8 U	23.1 U	7.64 U	25.5 U	22.7 U	543 U	458 U	150 U	25.4 U	5.72 U
2,6-Dinitrotoluene	--	--	24.8 U	26.2 U	8.68 U	29 U	25.7 U	617 U	520 U	171 U	28.9 U	9.81 U
2-Chloronaphthalene	--	--	30.4 U	32.2 U	10.6 U	35.6 U	31.6 U	757 U	638 U	209 U	35.4 U	12.5 U
2-Chlorophenol	--	--	36 U	38.1 U	12.6 U	42.1 U	50.6 J	896 U	755 U	248 U	41.9 U	14.2 U
2-Methylnaphthalene	--	--	122 J	176 J	20.9 J	38.6 U	34.3 U	822 U	693 U	227 U	38.5 U	8.37 U
2-Methylphenol	--	--	29.3 U	31 U	10.2 U	34.2 U	30.4 U	728 U	614 U	201 U	34.1 U	13.3 U
2-Nitroaniline	--	--	25.9 U	27.4 U	9.08 U	30.3 U	26.9 U	646 U	544 U	178 U	30.2 U	11.9 U
2-Nitrophenol	--	--	25 U	26.5 U	8.76 U	29.3 U	26 U	623 U	525 U	172 U	29.2 U	8.83 U
3,3'-Dichlorobenzidine	--	--	57.1 U	60.5 U	20 U	66.8 U	59.3 U	1,420 U	1,200 U	393 U	66.6 U	19.5 U
3+4-Methylphenol	--	--	35.9 U	38 U	12.6 U	42 U	37.2 U	893 U	753 U	247 U	41.8 U	12.3 U
3-Nitroaniline	--	--	43.9 U	46.4 U	15.4 U	51.3 U	45.6 U	1,090 U	921 U	302 U	51.1 U	13.5 U
4,6-Dinitro-2-methylphenol	--	--	501 U	530 U	175 U	586 U	520 U	12,500 U	10,500 U	3,440 U	583 U	122 U
4-Bromophenyl phenyl ether	--	--	43.1 U	45.6 U	15.1 U	50.4 U	44.7 U	1,070 U	904 U	296 U	50.2 U	12.4 U
4-Chloro-3-methylphenol	--	--	52.5 U	55.5 U	18.4 U	61.4 U	54.4 U	1,310 U	1,100 U	361 U	61.1 U	16.7 U
4-Chloroaniline	--	--	32.7 U	34.6 U	11.4 U	38.2 U	33.9 U	814 U	686 U	225 U	38.1 U	16.8 U
4-Chlorophenyl phenyl ether	--	--	28.8 U	30.5 U	10.1 U	33.7 U	29.9 U	717 U	604 U	198 U	33.6 U	11.4 U
4-Nitroaniline	--	--	55 U	58.2 U	19.2 U	64.3 U	57.1 U	1,370 U	1,150 U	378 U	64 U	7.27 U
4-Nitrophenol	--	--	56.9 U	60.2 U	19.9 U	66.6 U	59.1 U	1,420 U	1,190 U	392 U	66.3 U	168 U
Acenaphthene	20,000	1,000,000	27.9 U	227 J	183 J	238 J	133 J	694 U	1,090 J	802 J	32.5 U	13.8 U
Acenaphthylene	100,000	1,000,000	33.6 U	35.6 U	11.8 U	39.3 U	34.9 U	836 U	705 U	231 U	39.1 U	13.5 U
Aniline	--	--	36.2 U	38.3 U	12.7 U	42.4 U	37.6 U	902 U	760 U	249 U	42.2 U	13.4 U
Anthracene	100,000	1,000,000	39.4 U	41.7 U	128 J	46.1 U	40.9 U	982 U	827 U	271 U	45.9 U	14.7 U
Benzidine	--	--	1,190 U	1,260 U	416 U	1,390 U	1,230 U	29,600 U	24,900 U	8,180 U	1,380 U	224 U
Benzo(a)anthracene	1,000	11,000	53.8 U	57 U	18.8 U	63 U	55.9 U	1,340 U	1,130 U	370 U	62.7 U	14.8 U
Benzo(a)pyrene	1,000	1,100	45.5 U	48.1 U	15.9 U	53.2 U	47.2 U	1,130 U	954 U	313 U	53 U	13 U
Benzo(b)fluoranthene	1,000	11,000	61.3 J	60.2 U	19.9 U	66.6 U	59.1 U	1,420 U	1,190 U	392 U	66.3 U	16.1 U
Benzo(g,h,i)perylene	100,000	1,000,000	56 U	59.3 U	19.6 U	65.5 U	58.1 U	1,390 U	1,180 U	385 U	65.2 U	12.7 U
Benzo(k)fluoranthene	800	110,000	52.6 U	55.6 U	18.4 U	61.5 U	54.6 U	1,310 U	1,100 U	362 U	61.3 U	15.2 U
Benzoic acid	--	--	2,960 U	3,130 U	1,040 U	3,460 U	3,070 U	73,700 U	62,100 U	20,400 U	3,450 U	830 U
Benzyl alcohol	--	--	28.1 U	29.7 U	9.84 U	32.9 U	29.2 U	700 U	590 U	193 U	32.8 U	12 U

FORMER CIBRO BROTHERS TERMINAL SITE
ISLAND PARK, NEW YORK

TABLE 1

JUNE 7, 2007 TEST PIT SOIL SAMPLES - SVOC

Collected Date / Sample Name / Analyte	Track 1 SCO	Industrial	06/07/07 TP5 (0-1.5)	06/07/07 TP5 (1.5-3)	06/07/07 TP-5 (5-7)	06/07/07 TP6 (0-2)	06/07/07 TP6 (2-4)	06/07/07 TP7 (0-2)	06/07/07 TP7 (2-4)	06/07/07 TP-7 (4-7)	06/07/07 TP8 (0-2)	06/07/07 TP8 (4-5)
bis(2-Chloroethoxy)methane	--	--	37.7 U	39.9 U	13.2 U	44.1 U	39.1 U	939 U	791 U	259 U	43.9 U	13 U
bis(2-Chloroethyl)ether	--	--	31.3 U	33.1 U	11 U	36.6 U	32.5 U	780 U	657 U	215 U	36.5 U	12.2 U
bis(2-Chloroisopropyl)ether	--	--	27.2 U	28.8 U	9.52 U	31.8 U	28.2 U	677 U	571 U	187 U	31.7 U	11.2 U
bis(2-Ethylhexyl)phthalate	--	--	107 U	113 U	37.5 U	125 U	111 U	2,660 U	2,240 U	736 U	221 J	22.2 U
Butyl benzyl phthalate	--	--	45 U	47.6 U	15.8 U	52.7 U	46.7 U	1,120 U	945 U	310 U	52.5 U	8.22 U
Carbazole	--	--	93.7 U	99.2 U	32.8 U	110 U	97.3 U	2,330 U	1,970 U	645 U	109 U	24.5 U
Chrysene	1,000	110,000	54.3 U	57.4 U	19 U	63.5 U	56.3 U	1,350 U	1,140 U	373 U	63.2 U	16.6 U
Cresols	--	--	65.2 U	69 U	22.8 U	76.2 U	67.6 U	1,620 U	1,370 U	448 U	75.9 U	25.6 U
Dibenz(a,h)anthracene	330	1,100	59.7 U	63.1 U	20.9 U	69.8 U	61.9 U	1,490 U	1,250 U	410 U	69.5 U	12.2 U
Dibenzofuran	--	--	40.1 U	42.4 U	14 U	46.9 U	104 J	999 U	842 U	276 U	46.7 U	13.7 U
Diethyl phthalate	--	--	33 U	34.9 U	11.6 U	38.6 U	34.3 U	822 U	693 U	227 U	38.5 U	12.9 BJ
Dimethyl phthalate	--	--	33.1 U	35.1 U	11.6 U	38.8 U	34.4 U	825 U	695 U	228 U	38.6 U	7.12 U
Di-n-butyl phthalate	--	--	46.4 U	49.1 U	16.2 U	54.3 U	49.3 J	1,160 U	974 U	319 U	230 J	9.43 U
Di-n-octyl phthalate	--	--	45.6 U	48.2 U	16 U	53.3 U	47.3 U	1,140 U	957 U	314 U	53.1 U	14.7 U
Fluoranthene	100,000	1,000,000	66.7 J	54.8 U	36.9 J	60.6 U	53.7 U	1,290 U	1,090 U	356 U	60.3 U	13 U
Fluorene	30,000	1,000,000	30.3 U	480 J	393	428 J	272 J	754 U	635 U	208 U	35.3 U	11.7 U
Hexachlorobenzene	--	--	45.8 U	48.5 U	16 U	53.6 U	47.6 U	1,140 U	962 U	315 U	53.4 U	10.2 U
Hexachlorobutadiene	--	--	32.9 U	34.8 U	11.5 U	38.5 U	34.2 U	819 U	691 U	226 U	38.3 U	9.32 U
Hexachlorocyclopentadiene	--	--	8.5 U	9 U	2.98 U	9.95 U	8.83 U	212 U	178 U	58.5 U	9.91 U	111 U
Hexachloroethane	--	--	24.9 U	26.4 U	8.72 U	29.1 U	25.9 U	620 U	523 U	171 U	29 U	17.8 U
Indeno(1,2,3-cd)pyrene	500	11,000	48.3 U	51.1 U	16.9 U	56.6 U	50.2 U	1,200 U	1,010 U	333 U	56.3 U	13 U
Isophorone	--	--	28.6 U	30.2 U	10 U	33.4 U	29.7 U	711 U	600 U	197 U	33.3 U	11 U
Naphthalene	12,000	1,000,000	52.2 J	37.6 U	12.4 U	41.6 U	36.9 U	885 U	746 U	244 U	41.4 U	11.8 U
Nitrobenzene	--	--	41.9 U	44.4 U	14.7 U	49.1 U	43.5 U	1,040 U	880 U	289 U	48.9 U	9.55 U
N-Nitrosodimethylamine	--	--	32.7 U	34.6 U	11.4 U	38.2 U	33.9 U	814 U	686 U	225 U	38.1 U	18.6 U
N-Nitrosodi-n-propylamine	--	--	24.1 U	25.5 U	8.44 U	28.2 U	25 U	600 U	506 U	166 U	28.1 U	10.3 U
N-Nitrosodiphenylamine	--	--	38.2 U	40.4 U	13.4 U	44.7 U	39.6 U	950 U	801 U	263 U	44.5 U	12.7 U
Pentachlorophenol	800	55,000	609 U	644 U	213 U	713 U	632 U	15,200 U	12,800 U	4190 U	710 U	184 U
Phenanthrene	100,000	1,000,000	145 J	952	790	808	581 J	979 U	825 U	645 J	45.8 U	14.6 U
Phenol	330	1,000,000	70.5 U	74.6 U	24.7 U	82.5 U	73.2 U	1,760 U	1,480 U	485 U	82.2 U	181 U
Pyrene	100,000	1,000,000	88.8 J	46.9 U	46 J	57.4 J	46.1 J	1,430 J	1,110 J	305 U	51.7 U	9.47 U
Pyridine	--	--	46.3 U	49 U	16.2 U	54.1 U	48 U	1,150 U	971 U	318 U	53.9 U	116 U

NOTES:
Samples analyzed by ETL of Farmingdale, NY
Concentrations shown in bold exceed Track 1 SCO
Concentrations shown in bold italics exceed Industrial criteria
All concentrations shown are ug/kg
-- No standard

FORMER CIBRO BROTHERS TERMINAL SITE
ISLAND PARK, NEW YORK

TABLE 1

JUNE 7, 2007 TEST PIT SOIL SAMPLES - SVOC

Collected Date / Sample Name	Track 1 SCO	Industrial	06/07/07 TP9 (0-2)	06/07/07 TP9 (2-4)	06/07/07 TP10 (0-2)	06/07/07 TP10 (2-4)	06/07/07 TP-10 (4-6)	06/07/07 TP11 (0-2)	06/07/07 TP11 (2-4)	06/07/07 TP-11 (5-7)	06/07/07 TP12 (0-2)	06/07/07 TP12 (2-4)
Analyte												
1,2,4-Trichlorobenzene	--	--	15.1 U	10.7 U	50.6 U	101 U	9.41 U	19.4 U	48.8 U	42.5 U	8.19 U	9.42 U
1,2-Dichlorobenzene	--	--	23.4 U	16.5 U	78 U	156 U	12 U	29.9 U	75.2 U	54.1 U	10.4 U	12 U
1,2-Diphenylhydrazine	--	--	22.8 U	16.2 U	76.2 U	152 U	11.9 U	29.2 U	73.5 U	53.7 U	10.4 U	11.9 U
1,3-Dichlorobenzene	--	--	13.8 U	9.74 U	46 U	92 U	9.66 U	17.6 U	44.3 U	43.6 U	8.41 U	9.67 U
1,4-Dichlorobenzene	--	--	15.7 U	11.1 U	52.3 U	105 U	7.79 U	20 U	50.4 U	35.2 U	6.78 U	7.8 U
2,3,4,6-Tetrachlorophenol	--	--	35.2 U	24.9 U	117 U	235 U	16.2 U	45 U	113 U	73 U	14.1 U	16.2 U
2,4,5-Trichlorophenol	--	--	14.9 U	10.6 U	49.8 U	99.6 U	14.2 U	19.1 U	48 U	64 U	12.3 U	14.2 U
2,4,6-Trichlorophenol	--	--	8.49 U	6.01 U	28.4 U	56.7 U	11.6 U	10.9 U	27.3 U	52.2 U	10.1 U	11.6 U
2,4-Dichlorophenol	--	--	11.6 U	8.24 U	38.9 U	77.8 U	10.2 U	14.9 U	37.5 U	45.9 U	8.84 U	10.2 U
2,4-Dimethylphenol	--	--	18.5 U	13.1 U	61.7 U	123 U	8.37 U	23.6 U	59.5 U	37.8 U	7.29 U	8.39 U
2,4-Dinitrophenol	--	--	60.2 U	42.6 U	201 U	402 U	63 U	77.1 U	194 U	285 U	54.8 U	63.1 U
2,4-Dinitrotoluene	--	--	8.66 U	6.13 U	28.9 U	57.9 U	7.92 U	11.1 U	27.9 U	35.8 U	6.89 U	7.93 U
2,6-Dinitrotoluene	--	--	14.9 U	10.5 U	49.6 U	99.2 U	9 U	19 U	47.9 U	40.6 U	7.83 U	9.01 U
2-Chloronaphthalene	--	--	18.9 U	13.4 U	63.2 U	126 U	11 U	24.2 U	61 U	49.8 U	9.6 U	11 U
2-Chlorophenol	--	--	21.5 U	15.2 U	71.8 U	144 U	13.1 U	27.5 U	69.3 U	59 U	11.4 U	13.1 U
2-Methylnaphthalene	--	--	19.7 J	14.2 J	42.3 U	12,300	12 U	28.1 J	7,360	319 J	10.4 U	12 U
2-Methylphenol	--	--	20.2 U	14.3 U	67.4 U	135 U	10.6 U	25.8 U	65 U	47.9 U	9.24 U	10.6 U
2-Nitroaniline	--	--	18 U	12.7 U	60 U	120 U	9.41 U	23 U	57.8 U	42.5 U	8.19 U	9.42 U
2-Nitrophenol	--	--	13.4 U	9.46 U	44.6 U	89.3 U	9.08 U	17.1 U	43.1 U	41 U	7.9 U	9.09 U
3,3'-Dichlorobenzidine	--	--	29.6 U	21 U	98.9 U	198 U	20.7 U	37.9 U	95.3 U	93.6 U	18 U	20.8 U
3+4-Methylphenol	--	--	18.7 U	13.2 U	62.5 U	125 U	13 U	23.9 U	60.2 U	58.8 U	11.3 U	13 U
3-Nitroaniline	--	--	20.5 U	14.5 U	68.4 U	137 U	15.9 U	26.2 U	66 U	71.9 U	13.9 U	15.9 U
4,6-Dinitro-2-methylphenol	--	--	185 U	131 U	617 U	1,230 U	182 U	236 U	595 U	820 U	158 U	182 U
4-Bromophenyl phenyl ether	--	--	18.8 U	13.3 U	62.8 U	126 U	15.6 U	24.1 U	60.6 U	70.6 U	13.6 U	15.6 U
4-Chloro-3-methylphenol	--	--	25.2 U	17.9 U	84.3 U	169 U	19 U	32.3 U	81.3 U	86 U	16.6 U	19.1 U
4-Chloroaniline	--	--	25.5 U	18 U	85.1 U	170 U	11.9 U	32.6 U	82 U	53.6 U	10.3 U	11.9 U
4-Chlorophenyl phenyl ether	--	--	17.3 U	12.3 U	57.9 U	116 U	10.4 U	22.2 U	55.8 U	47.2 U	9.09 U	10.5 U
4-Nitroaniline	--	--	11 U	7.8 U	36.8 U	73.6 U	19.9 U	14.1 U	35.5 U	90.1 U	17.4 U	20 U
4-Nitrophenol	--	--	254 U	180 U	849 U	1,700 U	20.6 U	325 U	819 U	93.3 U	18 U	20.7 U
Acenaphthene	20,000	1,000,000	20.9 U	14.8 U	1,510	1,300 J	10.1 U	26.7 U	1,570	86.2 J	10.6 J	45.3 J
Acenaphthylene	100,000	1,000,000	20.4 U	14.5 U	68.2 U	136 U	12.2 U	26.1 U	65.8 U	55.1 U	28.8 J	12.2 U
Aniline	--	--	20.3 U	14.3 U	67.6 U	135 U	13.1 U	25.9 U	65.2 U	59.4 U	11.4 U	13.2 U
Anthracene	100,000	1,000,000	22.3 U	15.8 U	74.3 U	149 U	14.3 U	28.5 U	71.7 U	77.4 J	38 J	14.3 U
Benzidine	--	--	339 U	240 U	1,130 U	2,260 U	431 U	434 U	1,090 U	1,950 U	375 U	432 U
Benzo(a)anthracene	1,000	11,000	38.8 J	15.9 U	109 J	150 U	19.5 U	55.9 J	74.7 J	88.2 U	140 J	19.6 U
Benzo(a)pyrene	1,000	1,100	41.2 J	13.9 U	88.8 J	131 U	16.5 U	86.3 J	63.4 U	74.5 U	158 J	16.5 U
Benzo(b)fluoranthene	1,000	11,000	44.6 J	17.2 U	93.3 J	162 U	20.6 U	81.3 J	78.3 U	93.3 U	131 J	20.7 U
Benzo(g,h,i)perylene	100,000	1,000,000	40.1 J	13.6 U	64.4 U	129 U	20.3 U	80.8 J	62.1 U	91.8 U	110 J	20.3 U
Benzo(k)fluoranthene	800	110,000	46.4 J	16.2 U	88.8 J	153 U	19.1 U	45.3 J	73.9 U	86.1 U	137 J	19.1 U
Benzoic acid	--	--	1,260 U	889 U	4,200 U	8,390 U	1,070 U	1,610 U	4,050 U	4,850 U	934 U	1,080 U
Benzyl alcohol	--	--	18.2 U	12.9 U	60.9 U	122 U	10.2 U	23.3 U	58.8 U	46.1 U	8.87 U	10.2 U

FORMER CIBRO BROTHERS TERMINAL SITE
ISLAND PARK, NEW YORK

TABLE I

JUNE 7, 2007 TEST PIT SOIL SAMPLES - SVOC

Collected Date / Sample Name	Track 1 SCO	Industrial	06/07/07 TP9 (0-2)	06/07/07 TP9 (2-4)	06/07/07 TP10 (0-2)	06/07/07 TP10 (2-4)	06/07/07 TP-10 (4-6)	06/07/07 TP11 (0-2)	06/07/07 TP11 (2-4)	06/07/07 TP-11 (5-7)	06/07/07 TP12 (0-2)	06/07/07 TP12 (2-4)
Analyte												
bis(2-Chloroethoxy)methane	--	--	19.6 U	13.9 U	65.5 U	131 U	13.7 U	25.1 U	63.2 U	61.8 U	11.9 U	13.7 U
bis(2-Chloroethyl)ether	--	--	18.5 U	13.1 U	61.7 U	123 U	11.4 U	23.6 U	59.5 U	51.3 U	9.88 U	11.4 U
bis(2-Chloroisopropyl)ether	--	--	16.9 U	12 U	56.5 U	113 U	9.87 U	21.7 U	54.5 U	44.6 U	8.59 U	9.88 U
bis(2-Ethylhexyl)phthalate	--	--	275 BJ	27.7 BJ	3,070 B	1,490 BJ	38.8 U	44 BJ	108 U	175 U	66.7 BJ	38.9 U
Butyl benzyl phthalate	--	--	12.4 U	8.81 U	41.6 U	83.1 U	16.3 U	15.9 U	40.1 U	73.8 U	32.4 J	16.4 U
Carbazole	--	--	37.1 U	26.2 U	124 U	248 U	34 U	47.4 U	119 U	154 U	29.6 U	34 U
Chrysene	1,000	110,000	65.9 J	20.2 J	143 J	168 U	19.7 U	75.2 J	153 J	89 U	163 J	19.7 U
Cresols	--	--	38.9 U	27.5 U	156 U	286 U	23.6 U	74.6 U	150 U	534 U	41.1 U	23.6 U
Dibenz(a,h)anthracene	330	1,100	18.5 U	13.1 U	61.7 U	123 U	21.6 U	23.6 U	59.5 U	97.8 U	36.8 J	21.7 U
Dibenzofuran	--	--	20.8 U	14.7 U	69.3 U	139 U	14.6 U	26.6 U	66.9 U	65.7 U	12.7 U	14.6 U
Diethyl phthalate	--	--	14.5 U	10.2 U	48.3 U	96.6 U	12 U	18.5 U	46.6 U	54.1 U	10.4 U	12 U
Dimethyl phthalate	--	--	10.8 U	7.63 U	36 U	72 U	12 U	13.8 U	34.7 U	54.3 U	10.5 U	12 U
Di-n-butyl phthalate	--	--	24.2 J	10.1 U	47.7 U	95.4 U	16.8 U	18.3 U	46 U	76 U	19.6 J	17.7 J
Di-n-octyl phthalate	--	--	22.2 U	15.7 U	74.1 U	148 U	16.5 U	28.4 U	71.5 U	74.7 U	14.4 U	16.6 U
Fluoranthene	100,000	1,000,000	76.7 J	35.2 J	381 J	247 J	18.8 U	106 J	441 J	130 J	255	51.6 J
Fluorene	30,000	1,000,000	17.7 U	16.7 J	2,440 U	2,290	11 U	22.6 U	2,560	160 J	9.56 U	73.3 J
Hexachlorobenzene	--	--	15.4 U	10.9 U	51.5 U	103 U	16.6 U	19.8 U	49.7 U	75.1 U	14.5 U	16.6 U
Hexachlorobutadiene	--	--	14.1 U	9.99 U	47.1 U	94.3 U	11.9 U	18.1 U	45.5 U	53.9 U	10.4 U	12 U
Hexachlorocyclopentadiene	--	--	169 U	119 U	563 U	1,130 U	3.08 U	216 U	543 U	13.9 U	2.68 U	3.09 U
Hexachloroethane	--	--	27 U	19.1 U	90.2 U	180 U	9.04 U	34.6 U	87 U	40.8 U	7.86 U	9.05 U
Indeno(1,2,3-cd)pyrene	500	11,000	32.9 J	13.9 U	65.5 U	131 U	17.5 U	70 J	63.2 U	79.2 U	96 J	17.6 U
Isophorone	--	--	16.7 U	11.8 U	55.7 U	111 U	10.4 U	21.4 U	53.8 U	46.8 U	9.02 U	10.4 U
Naphthalene	12,000	1,000,000	17.8 U	12.6 U	59.6 U	2,300	12.9 U	22.8 U	1,750	156 J	11.2 U	12.9 U
Nitrobenzene	--	--	14.5 U	10.2 U	48.3 U	96.6 U	15.2 U	18.5 U	46.6 U	68.7 U	13.2 U	15.2 U
N-Nitrosodimethylamine	--	--	28.2 U	20 U	94.3 U	189 U	11.9 U	36.1 U	90.9 U	53.6 U	10.3 U	11.9 U
N-Nitrosodi-n-propylamine	--	--	15.7 U	11.1 U	52.3 U	105 U	8.75 U	20 U	50.4 U	39.5 U	7.61 U	8.76 U
N-Nitrosodiphenylamine	--	--	19.3 U	13.6 U	64.4 U	129 U	13.8 U	24.7 U	62.1 U	62.5 U	12 U	13.9 U
Pentachlorophenol	800	55,000	279 U	198 U	933 U	1,870 U	221 U	358 U	900 U	998 U	192 U	221 U
Phenanthrene	100,000	1,000,000	32.8 J	47.7 J	5,480	4,660	14.3 U	28.3 U	5,880	343 J	97 J	99.5 J
Phenol	330	1,000,000	275 U	194 U	918 U	1,840 U	25.6 U	352 U	885 U	116 U	22.3 U	25.6 U
Pyrene	100,000	1,000,000	71.7 J	49.6 J	434 J	321 J	16.1 U	134 J	456 J	135 J	229	49.7 J
Pyridine	--	--	176 U	124 U	586 U	1,170 U	16.8 U	225 U	565 U	75.8 U	14.6 U	16.8 U

NOTES:
Samples analyzed by ETL of Farmingdale, NY
Concentrations shown in bold exceed Track 1 SCO
Concentrations shown in bold italics exceed Industrial criteria
All concentrations shown are ug/kg
-- No standard

FORMER CIBRO BROTHERS TERMINAL SITE
ISLAND PARK, NEW YORK

TABLE 1

JUNE 7, 2007 TEST PIT SOIL SAMPLES - SVOC

Collected Date / Sample Name	Track 1 SCO	Industrial	06/07/07 TP13 (0-2)	06/07/07 TP13 (2-4)	06/07/07 TP14 (0-2)	06/07/07 TP14 (2-6)	06/07/07 TP-14 (6-7)	06/07/07 TP15 (0-4)	06/07/07 TP15 (4-6)	06/07/07 TP-15 (6-7)
Analyte										
1,2,4-Trichlorobenzene	--	--	33.6 U	10.4 U	8.81 U	40.9 U	18.5 U	38.8 U	8.79 U	10.5 U
1,2-Dichlorobenzene	--	--	42.7 U	13.2 U	11.2 U	52.1 U	23.5 U	49.3 U	11.2 U	13.4 U
1,2-Diphenylhydrazine	--	--	42.4 U	13.1 U	11.1 U	51.7 U	23.3 U	49 U	11.1 U	13.3 U
1,3-Dichlorobenzene	--	--	34.4 U	10.7 U	9.04 U	42 U	18.9 U	39.8 U	9.02 U	10.8 U
1,4-Dichlorobenzene	--	--	27.8 U	8.6 U	7.3 U	33.9 U	15.3 U	32.1 U	7.28 U	8.7 U
2,3,4,6-Tetrachlorophenol	--	--	57.6 U	17.8 U	15.1 U	70.3 U	31.7 U	66.6 U	15.1 U	18.1 U
2,4,5-Trichlorophenol	--	--	50.6 U	15.6 U	13.3 U	61.6 U	27.8 U	58.4 U	13.2 U	15.8 U
2,4,6-Trichlorophenol	--	--	41.2 U	12.8 U	10.8 U	50.3 U	22.7 U	47.6 U	10.8 U	12.9 U
2,4-Dichlorophenol	--	--	36.2 U	11.2 U	9.51 U	44.1 U	19.9 U	41.8 U	9.49 U	11.3 U
2,4-Dimethylphenol	--	--	29.9 U	9.24 U	7.84 U	36.4 U	16.4 U	34.5 U	7.82 U	9.35 U
2,4-Dinitrophenol	--	--	225 U	69.5 U	59 U	274 U	124 U	259 U	58.8 U	70.4 U
2,4-Dinitrotoluene	--	--	28.2 U	8.73 U	7.41 U	34.4 U	15.5 U	32.6 U	7.39 U	8.84 U
2,6-Dinitrotoluene	--	--	32.1 U	9.92 U	8.42 U	39.1 U	17.6 U	37 U	8.4 U	10 U
2-Chloronaphthalene	--	--	39.3 U	12.2 U	10.3 U	47.9 U	21.6 U	45.4 U	10.3 U	12.3 U
2-Chlorophenol	--	--	46.6 U	14.4 U	12.2 U	56.8 U	25.6 U	53.8 U	12.2 U	14.6 U
2-Methylnaphthalene	--	--	42.7 U	13.2 U	11.2 U	52.1 U	23.5 U	49.3 U	11.2 U	13.4 U
2-Methylphenol	--	--	37.8 U	11.7 U	9.93 U	46.1 U	20.8 U	43.7 U	9.91 U	11.9 U
2-Nitroaniline	--	--	33.6 U	10.4 U	8.81 U	40.9 U	18.5 U	38.8 U	8.79 U	10.5 U
2-Nitrophenol	--	--	32.4 U	10 U	8.5 U	39.5 U	17.8 U	37.4 U	8.48 U	10.1 U
3,3'-Dichlorobenzidine	--	--	73.9 U	22.9 U	19.4 U	90.1 U	40.7 U	85.4 U	19.4 U	23.1 U
3+4-Methylphenol	--	--	46.4 U	14.4 U	12.2 U	56.6 U	25.5 U	53.6 U	12.2 U	14.5 U
3-Nitroaniline	--	--	56.8 U	17.6 U	14.9 U	69.2 U	31.2 U	65.6 U	14.9 U	17.8 U
4,6-Dinitro-2-methylphenol	--	--	647 U	200 U	170 U	789 U	356 U	748 U	170 U	203 U
4-Bromophenyl phenyl ether	--	--	55.7 U	17.2 U	14.6 U	67.9 U	30.7 U	64.4 U	14.6 U	17.5 U
4-Chloro-3-methylphenol	--	--	67.8 U	21 U	17.8 U	82.7 U	37.3 U	78.4 U	17.8 U	21.3 U
4-Chloroaniline	--	--	42.3 U	13.1 U	11.1 U	51.5 U	23.3 U	48.8 U	11.1 U	13.2 U
4-Chlorophenyl phenyl ether	--	--	37.3 U	11.5 U	9.78 U	45.4 U	20.5 U	43 U	9.76 U	11.7 U
4-Nitroaniline	--	--	71.1 U	22 U	18.7 U	86.7 U	39.1 U	82.1 U	18.6 U	22.3 U
4-Nitrophenol	--	--	73.6 U	22.8 U	19.3 U	89.7 U	40.5 U	85 U	19.3 U	23.1 U
Acenaphthene	20,000	1,000,000	87.3 J	11.2 U	9.47 U	44 U	19.8 U	41.7 U	58.2 J	11.3 U
Acenaphthylene	100,000	1,000,000	197 J	13.4 U	11.4 U	53 U	23.9 U	90 J	25.4 J	13.6 U
Aniline	--	--	46.9 U	14.5 U	12.3 U	57.1 U	25.8 U	54.1 U	12.3 U	14.7 U
Anthracene	100,000	1,000,000	230 J	35.9 J	13.4 U	69.2 J	28 U	180 J	45 J	16 U
Benzidine	--	--	1,540 U	476 U	404 U	1,870 U	846 U	1,780 U	403 U	481 U
Benzo(a)anthracene	1,000	11,000	515 J	68.1 J	29.9 J	178 J	38.3 U	843 J	174 J	29.1 J
Benzo(a)pyrene	1,000	1,100	577 J	62.2 J	28.2 J	175 J	32.4 U	981	184 J	33.3 J
Benzo(b)fluoranthene	1,000	11,000	483 J	63 J	26 J	185 J	40.5 U	731 J	154 J	25.3 J
Benzo(g,h,i)perylene	100,000	1,000,000	294 J	36.7 J	20.7 J	88.3 U	39.8 U	403 J	124 J	22.9 J
Benzo(k)fluoranthene	800	110,000	435 J	45.9 J	24.9 J	203 J	37.4 U	993	147 J	29 J
Benzoic acid	--	--	3,830 U	1,180 U	1,010 U	4,670 U	2,110 U	4,420 U	1,000 U	1,200 U
Benzyl alcohol	--	--	36.4 U	11.2 U	9.55 U	44.3 U	20 U	42 U	9.52 U	11.4 U

FORMER CIBRO BROTHERS TERMINAL SITE
ISLAND PARK, NEW YORK

TABLE 1

JUNE 7, 2007 TEST PIT SOIL SAMPLES - SVOC

Collected Date / Sample Name / Analyte	Track 1 SCO	Industrial	06/07/07 TP13 (0-2)	06/07/07 TP13 (2-4)	06/07/07 TP14 (0-2)	06/07/07 TP14 (2-6)	06/07/07 TP-14 (6-7)	06/07/07 TP15 (0-4)	06/07/07 TP15 (4-6)	06/07/07 TP-15 (6-7)
bis(2-Chloroethoxy)methane	–	–	48.8 U	15.1 U	12.8 U	59.5 U	26.8 U	56.3 U	12.8 U	15.3 U
bis(2-Chloroethyl)ether	–	–	40.5 U	12.5 U	10.6 U	49.4 U	22.3 U	46.8 U	10.6 U	12.7 U
bis(2-Chloroisopropyl)ether	–	–	35.2 U	10.9 U	9.24 U	42.9 U	19.3 U	40.6 U	9.21 U	11 U
bis(2-Ethylhexyl)phthalate	–	–	138 U	48.6 BJ	37.3 BJ	169 U	76.1 U	160 U	36.2 U	43.3 U
Butyl benzyl phthalate	–	–	58.2 U	18 U	15.3 U	71 U	32 U	67.3 U	15.3 U	18.2 U
Carbazole	–	–	121 U	37.5 U	31.8 U	148 U	66.7 U	140 U	31.7 U	38 U
Chrysene	1,000	110,000	556 J	78.3 J	32.9 J	199 J	38.6 U	854	189 J	30 J
Cresols	–	–	295 U	52.2 U	22.1 U	359 U	46.3 U	340 U	22.1 U	26.4 U
Dibenz(a,h)anthracene	330	1,100	114 J	23.9 U	20.3 U	94.1 U	42.4 U	166 J	36 J	24.2 U
Dibenzofuran	–	–	51.9 U	16 U	13.6 U	63.2 U	28.5 U	59.9 U	21.5 J	16.3 U
Diethyl phthalate	–	–	42.7 U	13.2 U	11.2 U	52.1 U	23.5 U	49.3 U	11.2 U	13.4 U
Dimethyl phthalate	–	–	42.9 U	13.3 U	11.3 U	77.4 J	23.6 U	49.5 U	11.2 U	13.4 U
Di-n-butyl phthalate	–	–	60 U	18.6 U	29.3 J	73.2 U	33 U	69.3 U	15.7 U	28.7 J
Di-n-octyl phthalate	–	–	59 U	18.2 U	15.5 U	71.9 U	32.4 U	68.1 U	15.4 U	18.5 U
Fluoranthene	100,000	1,000,000	818	94.7 J	57.6 J	318 J	36.8 U	1,320	240	44 J
Fluorene	30,000	1,000,000	94 J	40.6 J	10.3 U	49.9 J	21.5 U	45.2 U	44.8 J	12.3 U
Hexachlorobenzene	–	–	59.3 U	18.3 U	15.6 U	72.3 U	32.6 U	68.5 U	15.5 U	18.6 U
Hexachlorobutadiene	–	–	42.6 U	13.2 U	11.2 U	51.9 U	23.4 U	49.2 U	11.1 U	13.3 U
Hexachlorocyclopentadiene	–	–	11 U	3.4 U	2.89 U	13.4 U	6.05 U	12.7 U	2.88 U	3.44 U
Hexachloroethane	–	–	32.2 U	9.97 U	8.46 U	39.3 U	17.7 U	37.2 U	8.44 U	10.1 U
Indeno(1,2,3-cd)pyrene	500	11,000	274 J	34.3 J	18.4 J	88.4 J	34.4 U	427 J	120 J	21.7 J
Isophorone	–	–	37 U	11.4 U	9.7 U	45 U	20.3 U	42.7 U	9.68 U	11.6 U
Naphthalene	12,000	1,000,000	46 U	14.2 U	12.1 U	56 U	25.3 U	53.1 U	12 U	14.4 U
Nitrobenzene	–	–	54.2 U	16.8 U	14.2 U	66.1 U	29.8 U	62.7 U	14.2 U	17 U
N-Nitrosodimethylamine	–	–	42.3 U	13.1 U	11.1 U	51.5 U	23.3 U	48.8 U	11.1 U	13.2 U
N-Nitrosodi-n-propylamine	–	–	31.2 U	9.65 U	8.19 U	38 U	17.2 U	36 U	8.17 U	9.77 U
N-Nitrosodiphenylamine	–	–	49.4 U	15.3 U	13 U	60.2 U	27.2 U	57 U	12.9 U	15.5 U
Pentachlorophenol	800	55,000	788 U	244 U	207 U	960 U	433 U	910 U	206 U	247 U
Phenanthrene	100,000	1,000,000	417 J	154 J	31.7 J	233 J	28 U	432 J	169 J	15.9 U
Phenol	330	1,000,000	91.2 U	28.2 U	23.9 U	111 U	172 J	105 U	23.9 U	28.6 U
Pyrene	100,000	1,000,000	885	153 J	51.2 J	357 J	31.5 U	1,380	15 U	43.8 J
Pyridine	–	–	59.9 U	18.5 U	15.7 U	73 U	32.9 U	69.1 U	15.7 U	18.8 U

NOTES:
Samples analyzed by ETL of Farmingdale, NY
Concentrations shown in bold exceed Track 1 SCO
Concentrations shown in bold italics exceed Industrial criteria
All concentrations shown are ug/kg
– No standard

FORMER CIBRO BROTHERS TERMINAL SITE
ISLAND PARK, NEW YORK

TABLE 1

JUNE 7, 2007 TEST PIT SOIL SAMPLES - SVOC

Collected Date / Sample Name	Track 1 SCO	Industrial	06/07/07 TP16 (0-2)	06/07/07 TP16 (2-4)	06/07/07 TP17 (0-2)	06/07/07 TP17 (2-4)	06/07/07 TP-17 (4-7)	06/07/07 TP18 (0-2)	06/07/07 TP18 (2-4)	06/07/07 FB2	06/07/07 TRIP BLANK
Analyte											
1,2,4-Trichlorobenzene	--	--	9.77 U	9.18 U	19.5 U	92.6 U	9.76 U	49.8 U	9.47 U	<0.33	NR
1,2-Dichlorobenzene	--	--	15.1 U	14.1 U	30 U	143 U	12.4 U	76.7 U	14.6 U	<0.32	NR
1,2-Diphenylhydrazine	--	--	14.7 U	13.8 U	29.4 U	140 U	12.3 U	75 U	14.3 U	<0.44	NR
1,3-Dichlorobenzene	--	--	8.88 U	8.34 U	17.7 U	84.2 U	10 U	45.2 U	8.61 U	<0.43	NR
1,4-Dichlorobenzene	--	--	10.1 U	9.49 U	20.2 U	95.8 U	8.09 U	51.5 U	9.8 U	<0.32	NR
2,3,4,6-Tetrachlorophenol	--	--	22.7 U	21.3 U	45.3 U	215 U	16.8 U	116 U	22 U	<0.67	NR
2,4,5-Trichlorophenol	--	--	9.62 U	9.04 U	19.2 U	91.2 U	14.7 U	49 U	9.33 U	<0.35	NR
2,4,6-Trichlorophenol	--	--	5.48 U	5.14 U	10.9 U	51.9 U	12 U	27.9 U	5.31 U	<0.49	NR
2,4-Dichlorophenol	--	--	7.51 U	7.06 U	15 U	71.2 U	10.5 U	38.3 U	7.28 U	<0.22	NR
2,4-Dimethylphenol	--	--	11.9 U	11.2 U	23.8 U	113 U	8.69 U	60.7 U	11.6 U	<1.20	NR
2,4-Dinitrophenol	--	--	38.8 U	36.5 U	77.5 U	368 U	65.4 U	198 U	37.7 U	<6.29	NR
2,4-Dinitrotoluene	--	--	5.59 U	5.25 U	11.1 U	53 U	8.22 U	28.5 U	5.42 U	<0.44	NR
2,6-Dinitrotoluene	--	--	9.58 U	9 U	19.1 U	90.9 U	9.33 U	48.8 U	9.29 U	<0.30	NR
2-Chloronaphthalene	--	--	12.2 U	11.5 U	24.4 U	116 U	11.4 U	62.2 U	11.8 U	<0.43	NR
2-Chlorophenol	--	--	13.9 U	13 U	27.7 U	132 U	13.5 U	70.7 U	13.5 U	<0.28	NR
2-Methylnaphthalene	--	--	8.18 U	15.8 J	34 J	18,800	203 J	41.7 U	7.93 U	<0.31	NR
2-Methylphenol	--	--	13 U	12.2 U	26 U	124 U	11 U	66.4 U	12.6 U	<0.36	NR
2-Nitroaniline	--	--	11.6 U	10.9 U	23.1 U	110 U	9.76 U	59 U	11.2 U	<0.30	NR
2-Nitrophenol	--	--	8.62 U	8.1 U	17.2 U	81.8 U	9.42 U	43.9 U	8.36 U	<0.22	NR
3,3'-Dichlorobenzidine	--	--	19.1 U	17.9 U	38.1 U	181 U	21.5 U	97.3 U	18.5 U	<0.47	NR
3+4-Methylphenol	--	--	12.1 U	11.3 U	24.1 U	114 U	13.5 U	61.5 U	11.7 U	<1.41	NR
3-Nitroaniline	--	--	13.2 U	12.4 U	26.4 U	125 U	16.5 U	67.3 U	12.8 U	<0.54	NR
4,6-Dinitro-2-methylphenol	--	--	119 U	112 U	238 U	1,130 U	188 U	607 U	116 U	<0.30	NR
4-Bromophenyl phenyl ether	--	--	12.1 U	11.4 U	24.2 U	115 U	16.2 U	61.8 U	11.8 U	<0.59	NR
4-Chloro-3-methylphenol	--	--	16.3 U	15.3 U	32.5 U	154 U	19.7 U	83.0 U	15.8 U	<0.25	NR
4-Chloroaniline	--	--	16.4 U	15.4 U	32.8 U	156 U	12.3 U	83.7 U	15.9 U	<1.06	NR
4-Chlorophenyl phenyl ether	--	--	11.2 U	10.5 U	22.3 U	106 U	10.8 U	56.9 U	10.8 U	<0.45	NR
4-Nitroaniline	--	--	7.10 U	6.67 U	14.2 U	67.4 U	20.7 U	36.2 U	6.89 U	<0.45	NR
4-Nitrophenol	--	--	164 U	154 U	327 U	1,550 U	21.4 U	835 U	159 U	<0.27	NR
Acenaphthene	20,000	1,000,000	13.5 U	48.9 J	26.9 U	1,760	35.4 J	377 J	46.0 J	<0.34	NR
Acenaphthylene	100,000	1,000,000	13.2 U	12.4 U	26.3 U	125 U	12.6 U	67.1 U	12.8 U	<0.37	NR
Aniline	--	--	13.1 U	12.3 U	26.1 U	124 U	13.6 U	66.6 U	12.7 U	<0.67	NR
Anthracene	100,000	1,000,000	14.4 U	13.5 U	28.6 U	136 U	14.8 U	73.2 U	13.9 U	<0.58	NR
Benzidine	--	--	219 U	205 U	436 U	2,070 U	447 U	1,110 U	212 U	<21.8	NR
Benzo(a)anthracene	1,000	11,000	14.5 U	13.6 U	28.9 U	138 U	20.3 U	73.9 U	14.1 U	<0.90	NR
Benzo(a)pyrene	1,000	1,100	12.7 U	11.9 U	25.3 U	120 U	17.1 U	64.7 U	12.3 U	<1.01	NR
Benzo(b)fluoranthene	1,000	11,000	15.7 U	14.7 U	31.3 U	149 U	21.4 U	79.9 U	15.2 U	<0.94	NR
Benzo(g,h,i)perylene	100,000	1,000,000	12.4 U	11.7 U	24.8 U	118 U	21.1 U	63.3 U	12.1 U	<0.84	NR
Benzo(k)fluoranthene	800	110,000	14.8 U	13.9 U	29.5 U	140 U	19.8 U	75.4 U	14.4 U	<1.01	NR
Benzoic acid	--	--	810 U	761 U	1,620 U	7,680 U	1110 U	4,130 U	786 U	<2.14	NR
Benzyl alcohol	--	--	11.8 U	11.1 U	23.5 U	112 U	10.6 U	60 U	11.4 U	<0.26	NR

FORMER CIBRO BROTHERS TERMINAL SITE
ISLAND PARK, NEW YORK

TABLE 1

JUNE 7, 2007 TEST PIT SOIL SAMPLES - SVOC

Collected Date / Sample Name	Track 1 SCO	Industrial	06/07/07 TP16 (0-2)	06/07/07 TP16 (2-4)	06/07/07 TP17 (0-2)	06/07/07 TP17 (2-4)	06/07/07 TP-17 (4-7)	06/07/07 TP18 (0-2)	06/07/07 TP18 (2-4)	06/07/07 FB2	06/07/07 TRIP BLANK
Analyte											
bis(2-Chloroethoxy)methane	--	--	12.7 U	11.9 U	25.2 U	120 U	14.2 U	64.5 U	12.3 U	<0.99	NR
bis(2-Chloroethyl)ether	--	--	11.9 U	11.2 U	23.8 U	113 U	11.8 U	60.7 U	11.6 U	<0.87	NR
bis(2-Chloroisopropyl)ether	--	--	10.9 U	10.3 U	21.8 U	104 U	10.2 U	55.6 U	10.6 U	<0.90	NR
bis(2-Ethylhexyl)phthalate	--	--	21.7 U	20.4 U	43.3 U	206 U	40.3 U	111 U	21.1 U	<0.83	NR
Butyl benzyl phthalate	--	--	8.03 U	7.54 U	16 U	76.1 U	16.9 U	40.9 U	7.79 U	<0.94	NR
Carbazole	--	--	23.9 U	22.5 U	47.7 U	227 U	35.3 U	122 U	23.2 U	<1.01	NR
Chrysene	1,000	110,000	16.2 U	15.2 U	32.3 U	154 U	20.4 U	82.6 U	15.7 U	<0.81	NR
Cresols	--	--	25.1 U	23.5 U	75.1 U	262 U	24.5 U	128 U	24.3 U	<0.27	NR
Dibenz(a,h)anthracene	330	1,100	11.9 U	11.2 U	23.8 U	113 U	22.5 U	60.7 U	11.6 U	<0.83	NR
Dibenzofuran	--	--	13.4 U	12.6 U	26.7 U	1,320 J	32.4 J	68.3 U	13 U	<0.41	NR
Diethyl phthalate	--	--	9.32 U	8.76 U	18.6 U	88.4 U	12.4 U	47.5 U	40.2 BJ	<0.79	NR
Dimethyl phthalate	--	--	6.96 U	6.53 U	13.9 U	66 U	12.5 U	35.4 U	6.75 U	<0.43	NR
Di-n-butyl phthalate	--	--	14.9 J	8.65 U	18.4 U	87.4 U	26.3 J	46.9 U	8.93 U	<0.57	NR
Di-n-octyl phthalate	--	--	14.3 U	13.5 U	28.6 U	136 U	17.2 U	73 U	13.9 U	<0.39	NR
Fluoranthene	100,000	1,000,000	12.7 U	28.6 J	25.4 U	303 J	19.5 U	64.9 U	23.0 J	<0.41	NR
Fluorene	30,000	1,000,000	11.4 U	81.7 J	22.7 U	3,270	83.9 J	454 J	20.9 J	<0.47	NR
Hexachlorobenzene	--	--	9.95 U	9.35 U	19.9 U	94.4 U	17.2 U	50.7 U	9.65 U	<0.79	NR
Hexachlorobutadiene	--	--	9.10 U	8.55 U	18.2 U	86.3 U	12.4 U	46.4 U	8.83 U	<0.33	NR
Hexachlorocyclopentadiene	--	--	109 U	102 U	217 U	1,030 U	3.2 U	554 U	105 U	<0.29	NR
Hexachloroethane	--	--	17.4 U	16.4 U	34.8 U	165 U	9.38 U	88.8 U	16.9 U	<0.30	NR
Indeno(1,2,3-cd)pyrene	500	11,000	12.7 U	11.9 U	25.2 U	120 U	18.2 U	64.5 U	12.3 U	<0.48	NR
Isophorone	--	--	10.8 U	10.1 U	21.5 U	102 U	10.8 U	54.9 U	10.4 U	<0.40	NR
Naphthalene	12,000	1,000,000	11.5 U	10.8 U	23.0 U	109 U	38.1 J	58.6 U	11.2 U	<0.25	NR
Nitrobenzene	--	--	9.32 U	8.76 U	18.6 U	88.4 U	15.8 U	47.5 U	9.04 U	<0.55	NR
N-Nitrosodimethylamine	--	--	18.2 U	17.1 U	36.3 U	173 U	12.3 U	92.8 U	17.7 U	<0.57	NR
N-Nitrosodi-n-propylamine	--	--	10.1 U	9.49 U	20.2 U	95.8 U	9.08 U	51.5 U	9.80 U	<0.14	NR
N-Nitrosodiphenylamine	--	--	12.4 U	11.7 U	24.8 U	118 U	14.4 U	63.3 U	12.1 U	<0.79	NR
Pentachlorophenol	800	55,000	180 U	169 U	360 U	1,710 U	229 U	918 U	175 U	<2.02	NR
Phenanthrene	100,000	1,000,000	14.3 U	251	28.5 U	6,770	113 J	726 J	58.8 J	<0.26	NR
Phenol	330	1,000,000	177 U	166 U	354 U	1,680 U	26.5 U	903 U	172 U	<0.30	NR
Pyrene	100,000	1,000,000	9.25 U	48 J	18.5 U	343 J	16.7 U	220 J	16.4 J	<0.43	NR
Pyridine	--	--	113 U	106 U	226 U	1,070 U	17.4 U	577 U	110 U	7.58	NR

NOTES:
Samples analyzed by ETL of Farmingdale, NY
Concentrations shown in bold exceed Track 1 SCO
Concentrations shown in bold italics exceed Industrial criteria
All concentrations shown are ug/kg
-- No standard

FORMER CIBRO BROTHERS TERMINAL SITE
ISLAND PARK, NEW YORK

TABLE 2

JUNE 7, 2007 TEST PIT SOIL SAMPLES - VOC

Collected Date / Sample Name	Track 1 SCO	Industrial	06/07/07 TP1 (0-2)		06/07/07 TP1 (2-4)		06/07/07 TP-1 (4-7)		06/07/07 TP2 (0-2)		06/07/07 TP2 (2-4)		06/07/07 TP3 (0-2)		06/07/07 TP3 (2-4)		06/07/07 TP4 (0-2)		06/07/07 TP4 (2-4)		06/07/07 TP-4 (5-7)	
Analyte																						
1,1,1,2-Tetrachloroethane	--	--	0.88	U	95.9	U	0.88	U	0.87	U	101	U	0.94	U	0.8	U	0.81	U	88.4	U	1.52	U
1,1,1-Trichloroethane	680	1,000,000	0.56	U	102	U	0.56	U	0.55	U	107	U	0.6	U	0.5	U	0.51	U	93.6	U	0.96	U
1,1,2,2-Tetrachloroethane	--	--	1.6	U	114	U	1.59	U	1.57	U	121	U	1.7	U	1.44	U	1.47	U	105	U	2.75	U
1,1,2-Trichloroethane	--	--	0.99	U	121	U	0.98	U	0.97	U	128	U	1.05	U	0.89	U	0.91	U	112	U	1.69	U
1,1,2-Trichlorotrifluoroethane	--	--	0.83	U	86	U	0.82	U	0.81	U	90.9	U	0.88	U	0.75	U	0.76	U	79.3	U	1.42	U
1,1-Dichloroethane	270	480,000	0.49	U	110	U	0.49	U	0.48	U	116	U	0.52	U	0.44	U	0.45	U	101	U	0.84	U
1,1-Dichloroethene	330	1,000,000	0.77	U	110	U	0.77	U	0.76	U	116	U	0.82	U	0.7	U	0.71	U	101	U	1.32	U
1,1-Dichloropropene	--	--	1.18	U	97.3	U	1.17	U	1.15	U	103	U	1.25	U	1.06	U	1.08	U	89.7	U	2.02	U
1,2,3-Trichlorobenzene	--	--	1.15	U	71.9	U	1.14	U	1.13	U	76	U	1.23	U	1.04	U	1.06	U	66.3	U	1.98	U
1,2,3-Trichloropropane	--	--	2.25	U	152	U	2.23	U	2.21	U	161	U	2.39	U	2.03	U	2.07	U	140	U	3.86	U
1,2,4,5-Tetramethylbenzene	--	--	1370	E	12600		8930		5.11	J	1900		60.9		258		8.57		78	U	8.13	J
1,2,4-Trichlorobenzene	--	--	1.12	U	79	U	1.11	U	1.1	U	83.4	U	1.19	U	1.04	J	1.03	U	72.8	U	3.34	J
1,2,4-Trimethylbenzene	3,600	380,000	4.27	J	890		1.04	U	1.92	J	731	J	11.9		32.2		0.97	U	70.2	U	1.8	U
1,2-Dibromo-3-chloropropane	--	--	2.56	U	90.2	U	2.54	U	2.52	U	95.4	U	2.73	U	2.31	U	2.36	U	83.2	U	4.4	U
1,2-Dibromoethane	--	--	0.83	U	100	U	0.82	U	0.81	U	106	U	0.88	U	0.75	U	0.76	U	92.3	U	1.42	U
1,2-Dichlorobenzene	1,100	1,000,000	1.32	U	90.2	U	1.31	U	1.3	U	95.4	U	1.4	U	1.19	U	1.22	U	83.2	U	2.27	U
1,2-Dichloroethane	20	60,000	0.64	U	98.7	U	0.63	U	0.63	U	104	U	0.68	U	0.58	U	0.59	U	91	U	1.09	U
1,2-Dichloropropane	--	--	0.43	U	91.7	U	0.45	U	0.42	U	96.8	U	0.45	U	0.38	U	0.39	U	84.5	U	0.73	U
1,3,5-Trimethylbenzene	8,400	380,000	0.92	U	157	J	0.91	U	0.9	U	83.4	U	0.98	U	0.83	U	0.84	U	72.8	U	1.57	U
1,3-Dichlorobenzene	2,400	560,000	1.11	U	88.8	U	1.1	U	1.09	U	93.9	U	1.18	U	1	U	1.02	U	81.9	U	1.9	U
1,3-Dichloropropane	--	--	0.6	U	93.1	U	0.6	U	0.59	U	98.3	U	0.64	U	0.55	U	0.56	U	85.8	U	1.04	U
1,4-Dichlorobenzene	1,800	250,000	1.15	U	93.1	U	1.14	U	1.13	U	98.3	U	1.23	U	1.04	U	1.06	U	85.8	U	1.98	U
2,2-Dichloropropane	--	--	0.86	U	69.1	U	0.85	U	0.85	U	73	U	0.92	U	0.78	U	0.79	U	63.7	U	1.48	U
2-Butanone	120	1,000,000	3.54	U	326	U	3.51	U	16.6	J	344	U	3.76	U	3.19	U	3.25	U	300	U	6.07	U
2-Chloroethylvinylether	--	--	3.8	U	182	U	3.76	U	3.73	U	192	U	4.03	U	3.42	U	3.49	U	168	U	6.51	U
2-Chlorotoluene	--	--	1	U	86	U	0.99	U	0.98	U	90.9	U	1.06	U	0.9	U	0.92	U	79.3	U	1.71	U
2-Hexanone	--	--	1.95	U	312	U	1.93	U	1.91	U	329	U	2.07	U	1.76	U	1.79	U	287	U	3.34	U
4-Chlorotoluene	--	--	1.1	U	84.6	U	1.09	U	1.08	U	89.4	U	1.17	U	0.99	U	1.01	U	78	U	1.88	U
4-Isopropyltoluene	--	--	11.3		1360		2.53	J	1.72	J	113	J	8.18		7.25		0.81	U	70.2	U	1.52	U
4-Methyl-2-pentanone	--	--	2.17	U	350	U	2.15	U	2.13	U	370	U	2.31	U	1.96	U	2	U	322	U	3.72	U
Acetone	50	1,000,000	**60.5**		333	U	17.1	J	**75.6**		352	U	37.5		11.1	J	7.55	J	307	U	16.5	J
Acrylonitrile	--	--	6.87	U	642	U	6.8	U	6.74	U	678	U	7.29	U	6.19	U	6.31	U	592	U	11.8	U
Benzene	60	89,000	1.18	J	103	U	0.56	U	0.55	U	109	U	0.6	U	0.5	U	0.51	U	94.9	U	0.96	U
Bromobenzene	--	--	0.91	U	94.5	U	0.9	U	0.89	U	99.8	U	0.96	U	0.82	U	0.83	U	87.1	U	1.56	U
Bromochloromethane	--	--	1.12	U	97.3	U	1.11	U	1.1	U	103	U	1.19	U	1.01	U	1.03	U	89.7	U	1.92	U
Bromodichloromethane	--	--	0.48	U	94.5	U	0.48	U	0.47	U	99.8	U	0.51	U	0.43	U	0.44	U	87.1	U	0.83	U
Bromoform	--	--	1.27	U	94.5	U	1.25	U	1.24	U	99.8	U	1.34	U	1.14	U	1.16	U	87.1	U	2.17	U
Bromomethane	--	--	0.58	U	125	U	0.58	U	0.57	U	133	U	0.62	U	0.53	U	0.54	U	116	U	1	U
c-1,2-Dichloroethene	--	1,000,000	0.6	U	95.9	U	0.6	U	0.59	U	101	U	0.64	U	0.55	U	0.56	U	88.4	U	1.04	U

FORMER CIBRO BROTHERS TERMINAL SITE
ISLAND PARK, NEW YORK

TABLE 2

JUNE 7, 2007 TEST PIT SOIL SAMPLES - VOC

Collected Date / Sample Name	Track 1 SCO	Industrial	06/07/07 TP1 (0-2)		06/07/07 TP1 (2-4)		06/07/07 TP-1 (4-7)		06/07/07 TP2 (0-2)		06/07/07 TP2 (2-4)		06/07/07 TP3 (0-2)		06/07/07 TP3 (2-4)		06/07/07 TP4 (0-2)		06/07/07 TP4 (2-4)		06/07/07 TP-4 (5-7)	
Analyte																						
c-1,3-Dichloropropene	--	--	0.55	U	74.7	U	0.54	U	0.54	U	79	U	0.58	U	0.49	U	0.5	U	68.9	U	0.94	U
Carbon disulfide	--	--	1.4	U	104	U	1.39	U	1.38	U	110	U	1.49	U	1.39	J	1.75	J	96.2	U	53.7	
Carbon Tetrachloride	760	44,000	0.64	U	95.9	U	0.63	U	0.63	U	101	U	0.68	U	0.58	U	0.59	U	88.4	U	1.09	U
Chlorobenzene	1,100	1,000,000	0.57	U	98.7	U	0.57	U	0.56	U	104	U	0.61	U	0.52	U	0.53	U	91	U	0.98	U
Chlorodifluoromethane	--	--	0.73	U	109	U	0.72	U	0.71	U	115	U	0.77	U	0.66	U	0.67	U	100	U	1.25	U
Chloroethane	--	--	1.42	U	189	U	1.41	U	1.4	U	200	U	1.51	U	1.28	U	1.31	U	174	U	2.44	U
Chloroform	370	700,000	0.53	U	107	U	0.52	U	0.52	U	113	U	0.56	U	0.47	U	0.48	U	98.8	U	0.9	U
Chloromethane	--	--	0.44	U	106	U	0.43	U	0.43	U	112	U	0.46	U	0.39	U	0.4	U	97.5	U	0.75	U
Dibromochloromethane	--	--	0.81	U	95.9	U	0.8	U	0.79	U	101	U	0.86	U	0.73	U	0.74	U	88.4	U	1.38	U
Dibromomethane	--	--	0.56	U	97.3	U	0.56	U	0.55	U	103	U	0.6	U	0.5	U	0.51	U	89.7	U	0.96	U
Dichlorodifluoromethane	--	--	0.59	U	98.7	U	0.59	U	0.58	U	104	U	0.63	U	0.54	U	0.55	U	91	U	1.02	U
Ethylbenzene	1,000	780,000	0.48	U	202	J	0.48	U	0.47	U	104	U	0.51	U	0.43	U	0.44	U	91	U	0.83	U
Hexachlorobutadiene	--	--	1.11	U	74.7	U	1.1	U	1.09	U	79	U	1.18	U	1	U	1.02	U	68.9	U	1.9	U
Isopropylbenzene	--	--	4.59	J	1130		0.7	U	1.28	J	211	J	2.63	J	4.12	J	0.65	U	83.2	U	1.21	U
m,p-xylene	260	1,000,000	1.12	U	330	J	1.11	U	1.1	U	171	U	1.19	U	1.01	U	1.03	U	150	U	1.92	U
Methyl t-butyl ether	930	1,000,000	0.56	U	104	U	0.56	U	0.55	U	110	U	0.6	U	0.5	U	0.51	U	96.2	U	0.96	U
Methylene Chloride	50	1,000,000	4.32	J	111	U	13.1	B	3.66	J	118	U	4.8	J	4.54	J	4.4	J	103	U	35.1	B
Naphthalene	--	--	42		11200		1.35	U	2.73	J	1020		1.45	U	1.23	U	1.26	U	80.6	U	2.34	U
n-Butylbenzene	12,000	1,000,000	26.8		3680		0.99	U	1.28	J	302	J	12.4		57.2		0.92	U	75.4	U	1.71	U
n-Propylbenzene	3,900	1,000,000	6.63		2130		0.8	U	1.81	J	565	J	6.92		8.35		0.74	U	83.2	U	1.38	U
o-xylene	260	1,000,000	0.84	U	95.9	U	0.83	U	0.82	U	101	U	0.89	U	0.76	U	0.77	U	88.4	U	1.44	U
p-Diethylbenzene	--	--	53.6		4510		24.9		1.3	J	358	J	13.2		45.6		1.02	U	181	J	2.38	J
p-Ethyltoluene	--	--	2.73	J	392	J	1.02	U	1.01	U	87.9	U	4.5	J	3.61	J	0.95	U	76.7	U	1.77	U
sec-Butylbenzene	11,000	1,000,000	17.1		2900		0.92	U	0.91	U	267	J	15.1		52.8		0.85	U	104	J	1.59	U
Styrene	--	--	0.83	U	84.6	U	0.82	U	0.81	U	89.4	U	0.88	U	0.75	U	0.76	U	78	U	1.42	U
t-1,2-Dichloroethene	190	1,000,000	0.47	U	94.5	U	0.47	U	0.46	U	99.8	U	0.5	U	0.42	U	0.43	U	87.1	U	0.81	U
t-1,3-Dichloropropene	--	--	0.55	U	90.2	U	0.54	U	0.54	U	95.4	U	0.58	U	0.49	U	0.5	U	83.2	U	0.94	U
TAME	--	--	2.35	U	60.6	U	2.33	U	2.31	U	64.1	U	2.5	U	2.12	U	2.16	U	55.9	U	4.03	U
tert-Butylbenzene	5,900	1,000,000	1.08	U	79	U	7.21		1.06	U	83.4	U	1.14	U	0.97	U	0.99	U	72.8	U	1.84	U
Tertiary butyl alcohol	--	--	19.5	U	1290	U	19.3	U	19.1	U	1360	U	20.7	U	17.6	U	17.9	U	1190	U	33.4	U
Tetrachloroethene	1,300	300,000	0.65	U	88.8	U	0.64	U	0.64	U	93.9	U	0.69	U	0.59	U	0.6	U	81.9	U	1.11	U
Toluene	700	1,000,000	0.43	U	102	J	0.42	U	0.42	U	81.9	U	0.45	U	0.38	U	0.39	U	71.5	U	0.73	U
Trichloroethene	470	400,000	0.4	U	97.3	U	0.4	U	0.4	U	103	U	0.43	U	0.36	U	0.37	U	89.7	U	0.69	U
Trichlorofluoromethane	--	--	0.72	U	97.3	U	0.74	U	0.7	U	103	U	0.76	U	0.65	U	0.66	U	89.7	U	1.23	U
Vinyl Chloride	20	27,000	0.66	U	103.00	U	0.65	U	0.65	U	109.00	U	0.70	U	0.60	U	0.61	U	94.90	U	1.13	U

NOTES:
Samples analyzed by ETL of Farmingdale, NY
Concentrations shown in bold exceed Track 1 SCO
Concentrations shown in bold italics exceed Industrial criteria
All concentrations shown are ug/kg
-- No standard

FORMER CIBRO BROTHERS TERMINAL SITE
ISLAND PARK, NEW YORK

TABLE 2

JUNE 7, 2007 TEST PIT SOIL SAMPLES - VOC

Collected Date / Sample Name / Analyte	Track 1 SCO	Industrial	06/07/07 TP5 (0-1.5)		06/07/07 TP5 (1.5-3)		06/07/07 TP-5 (5-7)		06/07/07 TP6 (0-2)		06/07/07 TP6 (2-4)		06/07/07 TP7 (0-2)		06/07/07 TP7 (2-4)		06/07/07 TP-7 (4-7)		06/07/07 TP8 (0-2)		06/07/07 TP8 (4-5)	
1,1,1,2-Tetrachloroethane	--	--	0.9	U	103	U	4.74	U	114.00	U	101.00	U	1.12	U	0.95	U	0.93	U	1.05	U	1.05	U
1,1,1-Trichloroethane	680	1,000,000	0.57	U	109	U	3.00	U	120.00	U	107.00	U	0.71	U	0.60	U	0.59	U	0.67	U	0.57	U
1,1,2,2-Tetrachloroethane	--	--	1.63	U	122	U	8.58	U	135.00	U	120.00	U	2.03	U	1.72	U	1.69	U	1.90	U	1.63	U
1,1,2-Trichloroethane	--	--	1	U	130	U	5.28	U	144.00	U	127.00	U	1.25	U	1.06	U	1.04	U	1.17	U	1.00	U
1,1,2-Trichlorotrifluoroethane	--	--	0.84	U	92.1	U	4.44	U	102.00	U	90.30	U	1.05	U	0.89	U	0.87	U	0.98	U	0.84	U
1,1-Dichloroethane	270	480,000	0.5	U	118	U	2.64	U	130.00	U	115.00	U	0.62	U	0.53	U	0.52	U	0.59	U	0.50	U
1,1-Dichloroethene	330	1,000,000	0.79	U	118	U	4.14	U	130.00	U	115.00	U	0.98	U	0.83	U	0.81	U	0.92	U	0.79	U
1,1-Dichloropropene	--	--	1.2	U	104	U	6.30	U	115.00	U	102.00	U	1.49	U	1.26	U	1.24	U	1.40	U	1.13	U
1,2,3-Trichlorobenzene	--	--	1.17	U	77	U	6.18	U	85.20	U	75.50	U	1.46	U	1.24	U	1.22	U	1.37	U	1.17	U
1,2,3-Trichloropropane	--	--	2.29	U	163	U	12.10	U	180.00	U	160.00	U	2.85	U	2.41	U	2.37	U	2.67	U	2.29	U
1,2,4,5-Tetramethylbenzene	--	--	1.24	U	1140		209.00		1170.00		712.00	J	1.55	U	1.31	U	1.29	U	1.45	U	1.24	U
1,2,4-Trichlorobenzene	--	--	1.14	U	84.6	U	6.00	U	93.50	U	82.90	U	1.42	U	1.20	U	1.84	J	1.33	U	1.14	U
1,2,4-Trimethylbenzene	3,600	380,000	1.07	U	2150		5.64	U	156.00	J	130.00	J	1.33	U	1.13	U	1.78	J	1.25	U	1.07	U
1,2-Dibromo-3-chloropropane	--	--	2.61	U	96.6	U	13.70	U	107.00	U	94.70	U	3.25	U	2.75	U	2.70	U	3.05	U	2.61	U
1,2-Dibromoethane	--	--	0.84	U	107	U	4.44	U	119.00	U	105.00	U	1.05	U	0.89	U	0.87	U	0.98	U	0.84	U
1,2-Dichlorobenzene	1,100	1,000,000	1.35	U	96.6	U	7.08	U	107.00	U	94.70	U	1.68	U	1.42	U	1.39	U	1.57	U	1.35	U
1,2-Dichloroethane	20	60,000	0.65	U	106	U	3.42	U	117.00	U	104.00	U	0.81	U	0.68	U	0.67	U	0.76	U	0.65	U
1,2-Dichloropropane	--	--	0.43	U	98.2	U	2.28	U	109.00	U	96.20	U	0.54	U	0.46	U	0.45	U	0.51	U	0.43	U
1,3,5-Trimethylbenzene	8,400	380,000	0.93	U	84.6	U	13.50	J	93.50	U	126.00	J	1.16	U	0.98	U	0.97	U	1.09	U	0.93	U
1,3-Dichlorobenzene	2,400	560,000	1.13	U	95.1	U	5.94	U	105.00	U	93.20	U	1.41	U	1.19	U	1.17	U	1.32	U	0.93	
1,3-Dichloropropane	--	--	0.62	U	99.7	U	3.24	U	110.00	U	97.70	U	0.77	U	0.65	U	0.64	U	0.72	U	0.62	U
1,4-Dichlorobenzene	1,800	250,000	1.17	U	99.7	U	6.18	U	110.00	U	97.70	U	1.46	U	1.24	U	1.22	U	1.37	U	1.17	U
2,2-Dichloropropane	--	--	0.88	U	74	U	4.62	U	81.80	U	72.50	U	1.09	U	0.92	U	0.91	U	1.02	U	1.20	U
2-Butanone	120	1,000,000	3.6	U	349	U	19.00	U	386.00	U	342.00	U	4.49	U	3.79	U	3.73	U	4.20	U	3.60	U
2-Chloroethylvinylether	--	--	3.86	U	195	U	20.30	U	215.00	U	191.00	U	4.81	U	4.07	U	4.00	U	4.51	U	3.86	U
2-Chlorotoluene	--	--	1.01	U	92.1	U	5.34	U	102.00	U	90.30	U	1.26	U	1.07	U	1.05	U	1.18	U	1.01	U
2-Hexanone	--	--	1.98	U	334	U	10.40	U	369.00	U	327.00	U	2.47	U	2.09	U	2.05	U	2.31	U	0.88	U
4-Chlorotoluene	--	--	1.12	U	90.6	U	5.88	U	100.00	U	88.80	U	1.39	U	1.18	U	1.16	U	1.30	U	1.12	U
4-Isopropyltoluene	--	--	0.9	U	372	J	47.30		193.00	J	127.00	J	1.12	U	0.95	U	0.93	U	1.05	U	0.90	U
4-Methyl-2-pentanone	--	--	2.21	U	374	U	11.60	U	414.00	U	367.00	U	2.75	U	2.33	U	2.29	U	2.58	U	2.21	U
Acetone	50	1,000,000	5.77	U	356	U	30.40	U	394.00	U	349.00	U	7.19	U	18.30	J	5.97	U	6.73	U	10.90	J
Acrylonitrile	--	--	6.99	U	687	U	36.80	U	760.00	U	673.00	U	8.70	U	7.36	U	7.23	U	8.15	U	6.99	U
Benzene	60	89,000	0.57	U	110	U	3.00	U	122.00	U	108.00	U	0.71	U	0.60	U	0.59	U	0.67	U	0.57	U
Bromobenzene	--	--	0.92	U	101	U	4.86	U	112.00	U	99.20	U	1.15	U	0.97	U	0.96	U	1.08	U	0.92	U
Bromochloromethane	--	--	1.14	U	104	U	6.00	U	115.00	U	102.00	U	1.42	U	1.20	U	1.18	U	1.33	U	1.14	U
Bromodichloromethane	--	--	0.49	U	101	U	2.58	U	112.00	U	99.20	U	0.61	U	0.52	U	0.51	U	0.57	U	0.49	U
Bromoform	--	--	1.29	U	101	U	6.78	U	112.00	U	99.20	U	1.60	U	1.36	U	1.33	U	1.50	U	1.29	U
Bromomethane	--	--	0.59	U	134	U	3.12	U	149.00	U	132.00	U	0.74	U	0.62	U	0.61	U	0.69	U	0.59	U
c-1,2-Dichloroethene	--	1,000,000	0.62	U	103	U	3.24	U	114.00	U	101.00	U	0.77	U	0.65	U	0.64	U	0.72	U	0.62	U

FORMER CIBRO BROTHERS TERMINAL SITE
ISLAND PARK, NEW YORK

TABLE 2

JUNE 7, 2007 TEST PIT SOIL SAMPLES - VOC

Collected Date / Sample Name / Analyte	Track 1 SCO	Industrial	06/07/07 TP5 (0-1.5)		06/07/07 TP5 (1.5-3)		06/07/07 TP-5 (5-7)		06/07/07 TP6 (0-2)		06/07/07 TP6 (2-4)		06/07/07 TP7 (0-2)		06/07/07 TP7 (2-4)		06/07/07 TP-7 (4-7)		06/07/07 TP8 (0-2)		06/07/07 TP8 (4-5)	
c-1,3-Dichloropropene	--	--	0.56	U	80	U	2.94	U	88.50	U	78.40	U	0.70	U	0.59	U	0.58	U	0.65	U	0.56	U
Carbon disulfide	--	--	1.42	U	112	U	7.50	U	124.00	U	110.00	U	1.77	U	1.50	U	1.48	U	1.66	U	1.42	U
Carbon Tetrachloride	760	44,000	0.65	U	103	U	3.42	U	114.00	U	101.00	U	0.81	U	0.68	U	0.67	U	0.76	U	0.65	U
Chlorobenzene	1,100	1,000,000	0.58	U	106	U	3.06	U	117.00	U	104.00	U	0.72	U	0.61	U	0.60	U	0.68	U	0.58	U
Chlorodifluoromethane	--	--	0.74	U	116	U	3.90	U	129.00	U	114.00	U	0.92	U	0.78	U	0.77	U	0.86	U	0.74	U
Chloroethane	--	--	1.45	U	202	U	7.62	U	224.00	U	198.00	U	1.80	U	1.52	U	1.50	U	1.69	U	1.45	U
Chloroform	370	700,000	0.54	U	115	U	2.82	U	127.00	U	112.00	U	0.67	U	0.56	U	0.55	U	0.63	U	0.54	U
Chloromethane	--	--	0.44	U	113	U	2.34	U	125.00	U	111.00	U	0.55	U	0.47	U	0.46	U	0.52	U	0.44	U
Dibromochloromethane	--	--	0.82	U	103	U	4.32	U	114.00	U	101.00	U	1.02	U	0.86	U	0.85	U	0.96	U	0.82	U
Dibromomethane	--	--	0.57	U	104	U	3.00	U	115.00	U	102.00	U	0.71	U	0.60	U	0.59	U	0.67	U	0.57	U
Dichlorodifluoromethane	--	--	0.6	U	106	U	3.18	U	117.00	U	104.00	U	0.75	U	0.64	U	0.63	U	0.70	U	0.60	U
Ethylbenzene	1,000	780,000	0.49	U	106	U	2.58	U	117.00	U	104.00	U	0.61	U	0.52	U	0.51	U	0.57	U	0.49	U
Hexachlorobutadiene	--	--	1.13	U	80	U	5.94	U	88.50	U	78.40	U	1.41	U	1.19	U	1.17	U	1.32	U	1.13	U
Isopropylbenzene	--	--	0.72	U	96.6	U	3.78	U	107.00	U	94.70	U	0.89	U	0.76	U	0.74	U	0.84	U	0.72	U
m,p-xylene	260	1,000,000	1.14	U	174	U	6.00	U	192.00	U	170.00	U	1.42	U	1.20	U	1.18	U	1.33	U	1.74	J
Methyl t-butyl ether	930	1,000,000	0.57	U	112	U	3.00	U	124.00	U	110.00	U	0.71	U	0.60	U	0.59	U	0.67	U	0.57	U
Methylene Chloride	50	1,000,000	1.72	BJ	119	U	42.60	B	132.00	U	117.00	U	5.32	BJ	3.93	BJ	16.20	B	2.66	BJ	2.46	J
Naphthalene	--	--	1.39	U	2070		7.32	U	222.00	J	91.80	U	1.73	U	1.46	U	1.44	U	1.62	U	1.39	U
n-Butylbenzene	12,000	1,000,000	1.01	U	456	J	5.34	U	96.90	U	124.00	J	1.26	U	4.70	J	1.05	U	1.18	U	1.01	U
n-Propylbenzene	3,900	1,000,000	0.82	U	202	J	4.32	U	107.00	U	94.70	U	1.02	U	0.86	U	0.85	U	0.96	U	0.82	U
o-xylene	260	1,000,000	0.86	U	103	U	4.50	U	114.00	U	101.00	U	1.07	U	0.90	U	0.88	U	1.00	U	0.86	U
p-Diethylbenzene	--	--	1.13	U	472	J	5.94	U	96.90	U	144.00	J	1.41	U	1.19	U	1.17	U	1.32	U	1.13	U
p-Ethyltoluene	--	--	1.05	U	228	J	5.52	U	98.50	U	103.00	J	1.31	U	1.10	U	1.09	U	1.22	U	1.98	U
sec-Butylbenzene	11,000	1,000,000	0.95	U	277	J	4.98	U	96.90	U	157.00	J	1.18	U	1.00	U	0.98	U	1.10	U	0.95	U
Styrene	--	--	0.84	U	90.6	U	4.44	U	100.00	U	88.80	U	1.05	U	0.89	U	0.87	U	0.98	U	0.84	U
t-1,2-Dichloroethene	190	1,000,000	0.48	U	101	U	2.52	U	112.00	U	99.20	U	0.60	U	0.50	U	0.50	U	0.56	U	0.48	U
t-1,3-Dichloropropene	--	--	0.56	U	96.6	U	2.94	U	107.00	U	94.70	U	0.70	U	0.59	U	0.58	U	0.65	U	0.56	U
TAME	--	--	2.39	U	64.9	U	12.60	U	71.80	U	63.60	U	2.98	U	2.52	U	2.48	U	2.79	U	2.39	U
tert-Butylbenzene	5,900	1,000,000	1.09	U	84.6	U	5.76	U	93.50	U	82.90	U	1.36	U	1.15	U	1.13	U	1.28	U	1.09	U
Tertiary butyl alcohol	--	--	19.8	U	1380	U	104.00	U	1520.00	U	1350.00	U	24.70	U	20.90	U	20.50	U	23.10	U	19.80	U
Tetrachloroethene	1,300	300,000	0.66	U	95.1	U	3.48	U	105.00	U	93.20	U	0.82	U	0.70	U	0.68	U	0.77	U	0.66	U
Toluene	700	1,000,000	0.43	U	83.1	U	2.28	U	91.80	U	81.40	U	0.54	U	0.46	U	0.45	U	0.51	U	0.43	U
Trichloroethene	470	400,000	0.41	U	104	U	2.16	U	115.00	U	102.00	U	0.51	U	0.43	U	0.42	U	0.48	U	0.41	U
Trichlorofluoromethane	--	--	0.73	U	104	U	3.84	U	115.00	U	102.00	U	0.91	U	0.77	U	0.76	U	0.85	U	0.73	U
Vinyl Chloride	20	27,000	0.67	U	110.00	U	3.54	U	122.00	U	108.00	U	0.84	U	0.71	U	0.70	U	0.78	U	0.67	U

NOTES:
Samples analyzed by ETL of Farmingdale, NY
Concentrations shown in bold exceed Track 1 SCO
Concentrations shown in bold italics exceed Industrial criteria
All concentrations shown are ug/kg
-- No standard

FORMER CIBRO BROTHERS TERMINAL SITE
ISLAND PARK, NEW YORK

TABLE 2

JUNE 7, 2007 TEST PIT SOIL SAMPLES - VOC

Collected Date			06/07/07	06/07/07	06/07/07	06/07/07	06/07/07	06/07/07	06/07/07	06/07/07	06/07/07	06/07/07
Sample Name	Track 1 SCO	Industrial	TP9 (0-2)	TP9 (2-4)	TP10 (0-2)	TP10 (2-4)	TP-10 (4-6)	TP11 (0-2)	TP11 (2-4)	TP-11 (5-7)	TP12 (0-2)	TP12 (2-4)
Analyte												
1,1,1,2-Tetrachloroethane	--	--	1.36 U	0.96 U	0.91 U	123.00 U	0.98 U	0.87 U	0.88 U	0.88 U	0.85 U	0.99 U
1,1,1-Trichloroethane	680	1,000,000	0.86 U	0.61 U	0.57 U	123.00 U	0.62 U	0.55 U	0.56 U	0.56 U	0.54 U	0.63 U
1,1,2,2-Tetrachloroethane	--	--	2.46 U	1.74 U	1.64 U	158.00 U	1.77 U	1.57 U	1.59 U	1.60 U	1.54 U	1.79 U
1,1,2-Trichloroethane	--	--	1.51 U	1.07 U	1.01 U	121.00 U	1.09 U	0.97 U	0.98 U	0.99 U	0.95 U	1.10 U
1,1,2-Trichlorotrifluoroethane	--	--	1.27 U	0.90 U	0.85 U	132.00 U	0.92 U	0.81 U	0.82 U	0.83 U	0.80 U	0.93 U
1,1-Dichloroethane	270	480,000	0.76 U	0.54 U	0.51 U	103.00 U	0.55 U	0.48 U	0.49 U	0.49 U	0.48 U	0.55 U
1,1-Dichloroethene	330	1,000,000	1.19 U	0.84 U	0.79 U	106.00 U	0.86 U	0.76 U	0.77 U	0.77 U	0.75 U	0.86 U
1,1-Dichloropropene	--	--	1.81 U	1.28 U	1.21 U	60.30 U	1.30 U	1.15 U	1.17 U	1.18 U	1.13 U	1.31 U
1,2,3-Trichlorobenzene	--	--	1.77 U	1.26 U	1.18 U	149.00 U	1.28 U	1.13 U	1.14 U	1.15 U	1.11 U	1.29 U
1,2,3-Trichloropropane	--	--	3.46 U	2.45 U	2.31 U	204.00 U	2.49 U	2.21 U	2.23 U	2.25 U	2.17 U	2.51 U
1,2,4,5-Tetramethylbenzene	--	--	1.87 U	1.33 U	19.40	13700.00	1.35 U	1.20 U	526.00	1.22 U	1.73 J	14.60
1,2,4-Trichlorobenzene	--	--	1.72 U	1.22 U	1.15 U	121.00 U	1.24 U	1.10 U	1.11 U	1.12 U	1.08 U	1.25 U
1,2,4-Trimethylbenzene	3,600	380,000	1.62 U	1.15 U	21.90	**48000.00** E	1.17 U	1.03 U	1.77 J	1.05 U	1.02 U	1.17 U
1,2-Dibromo-3-chloropropane	--	--	3.94 U	2.79 U	2.63 U	201.00 U	2.84 U	2.52 U	2.54 U	2.56 U	2.47 U	2.86 U
1,2-Dibromoethane	--	--	1.27 U	0.90 U	0.85 U	103.00 U	0.92 U	0.81 U	0.82 U	0.83 U	0.80 U	0.93 U
1,2-Dichlorobenzene	1,100	1,000,000	2.03 U	1.44 U	1.36 U	118.00 U	1.46 U	1.30 U	1.31 U	1.32 U	1.27 U	1.48 U
1,2-Dichloroethane	20	60,000	0.98 U	0.70 U	0.66 U	91.80 U	0.71 U	0.63 U	0.63 U	0.64 U	0.62 U	0.71 U
1,2-Dichloropropane	--	--	0.65 U	0.46 U	0.44 U	141.00 U	0.47 U	0.42 U	0.42 U	0.43 U	0.41 U	0.47 U
1,3,5-Trimethylbenzene	8,400	380,000	1.41 U	1.00 U	7.76	1590.00	1.02 U	0.90 U	0.91 U	0.92 U	0.89 U	1.02 U
1,3-Dichlorobenzene	2,400	560,000	1.70 U	1.21 U	1.14 U	129.00 U	1.23 U	1.09 U	1.10 U	1.11 U	1.07 U	1.24 U
1,3-Dichloropropane	--	--	0.93 U	0.66 U	0.62 U	109.00 U	0.67 U	0.59 U	0.60 U	0.60 U	0.58 U	0.68 U
1,4-Dichlorobenzene	1,800	250,000	1.77 U	1.26 U	1.18 U	132.00 U	1.28 U	1.13 U	1.14 U	1.15 U	1.11 U	1.29 U
2,2-Dichloropropane	--	--	1.32 U	0.94 U	0.89 U	135.00 U	0.95 U	0.85 U	0.85 U	0.86 U	0.83 U	0.96 U
2-Butanone	120	1,000,000	7.61 J	5.46 J	6.54 J	276.00 U	3.92 U	3.48 U	15.00 J	3.54 U	3.41 U	14.30 J
2-Chloroethylvinylether	--	--	5.83 U	4.14 U	3.90 U	508.00 U	4.20 U	3.73 U	3.76 U	3.80 U	3.66 U	4.24 U
2-Chlorotoluene	--	--	1.53 U	1.09 U	1.02 U	123.00 U	1.10 U	0.98 U	0.99 U	1.00 U	0.96 U	1.11 U
2-Hexanone	--	--	2.99 U	2.12 U	2.00 U	89.00 U	2.16 U	1.91 U	1.93 U	1.95 U	1.88 U	2.17 U
4-Chlorotoluene	--	--	1.69 U	1.20 U	1.13 U	132.00 U	1.22 U	1.08 U	1.09 U	1.10 U	1.06 U	1.23 U
4-Isopropyltoluene	--	--	1.36 U	0.96 U	3.31 J	2560.00	0.98 U	0.87 U	7.54	0.88 U	0.85 U	0.99 U
4-Methyl-2-pentanone	--	--	3.34 U	2.37 U	2.23 U	141.00 U	2.41 U	2.13 U	2.15 U	2.17 U	2.10 U	2.42 U
Acetone	50	1,000,000	40.40 J	14.20 J	33.90 U	224.00 U	6.97 J	20.10 J	**76.70**	5.67 U	5.46 U	**66.20**
Acrylonitrile	--	--	10.50 U	7.48 U	7.05 U	585.00 U	7.60 U	6.74 U	6.80 U	6.87 U	6.62 U	7.66 U
Benzene	60	89,000	0.86 U	0.61 U	0.57 U	97.60 U	0.62 U	0.55 U	0.56 U	0.56 U	0.54 U	0.63 U
Bromobenzene	--	--	1.39 U	0.99 U	0.93 U	109.00 U	1.00 U	0.89 U	0.90 U	0.91 U	0.87 U	1.01 U
Bromochloromethane	--	--	1.72 U	1.22 U	1.15 U	175.00 U	1.24 U	1.10 U	1.11 U	1.12 U	1.08 U	1.25 U
Bromodichloromethane	--	--	0.74 U	0.52 U	0.49 U	129.00 U	0.53 U	0.47 U	0.48 U	0.48 U	0.46 U	0.54 U
Bromoform	--	--	1.94 U	1.38 U	1.30 U	132.00 U	1.40 U	1.24 U	1.25 U	1.27 U	1.22 U	1.41 U
Bromomethane	--	--	0.89 U	0.63 U	0.60 U	149.00 U	0.64 U	0.57 U	0.58 U	0.58 U	0.56 U	0.65 U
c-1,2-Dichloroethene	--	1,000,000	0.93 U	0.66 U	0.62 U	123.00 U	0.67 U	0.59 U	0.60 U	0.60 U	0.58 U	0.68 U

FORMER CIBRO BROTHERS TERMINAL SITE
ISLAND PARK, NEW YORK

TABLE 2

JUNE 7, 2007 TEST PIT SOIL SAMPLES - VOC

Collected Date / Sample Name / Analyte	Track 1 SCO	Industrial	06/07/07 TP9 (0-2)		06/07/07 TP9 (2-4)		06/07/07 TP10 (0-2)		06/07/07 TP10 (2-4)		06/07/07 TP-10 (4-6)		06/07/07 TP11 (0-2)		06/07/07 TP11 (2-4)		06/07/07 TP-11 (5-7)		06/07/07 TP12 (0-2)		06/07/07 TP12 (2-4)	
c-1,3-Dichloropropene	--	--	0.84	U	0.60	U	0.56	U	118.00	U	0.61	U	0.54	U	0.54	U	0.55	U	0.53	U	0.61	U
Carbon disulfide	--	--	2.15	U	5.90	J	1.44	U	91.80	U	2.80	J	1.38	U	1.39	U	1.40	U	1.35	U	10.40	
Carbon Tetrachloride	760	44,000	0.98	U	0.70	U	0.66	U	86.10	U	0.71	U	0.63	U	0.63	U	0.64	U	0.62	U	0.71	U
Chlorobenzene	1,100	1,000,000	0.88	U	0.62	U	0.59	U	103.00	U	0.63	U	0.56	U	0.57	U	0.57	U	0.55	U	0.64	U
Chlorodifluoromethane	--	--	1.12	U	0.79	U	0.75	U	100.00	U	0.81	U	0.71	U	0.72	U	0.73	U	0.70	U	0.81	U
Chloroethane	--	--	2.18	U	1.55	U	1.46	U	215.00	U	1.57	U	1.40	U	1.41	U	1.42	U	1.37	U	1.59	U
Chloroform	370	700,000	0.81	U	0.57	U	0.54	U	112.00	U	0.58	U	0.52	U	0.52	U	0.53	U	0.51	U	0.59	U
Chloromethane	--	--	0.67	U	0.48	U	0.45	U	210.00	U	0.48	U	0.43	U	0.43	U	0.44	U	0.42	U	0.49	U
Dibromochloromethane	--	--	1.24	U	0.88	U	0.83	U	129.00	U	0.89	U	0.79	U	0.80	U	0.81	U	0.78	U	0.90	U
Dibromomethane	--	--	0.86	U	0.61	U	0.57	U	118.00	U	0.62	U	0.55	U	0.56	U	0.56	U	0.54	U	0.63	U
Dichlorodifluoromethane	--	--	0.91	U	0.65	U	0.61	U	97.60	U	0.66	U	0.58	U	0.59	U	0.59	U	0.57	U	0.66	U
Ethylbenzene	1,000	780,000	0.74	U	0.52	U	6.40		**3050.00**		0.53	U	0.47	U	0.48	U	0.48	U	0.46	U	0.54	U
Hexachlorobutadiene	--	--	1.70	U	1.21	U	1.14	U	141.00	U	1.23	U	1.09	U	1.10	U	1.11	U	1.07	U	1.24	U
Isopropylbenzene	--	--	1.08	U	0.77	U	0.94	J	1400.00	J	0.78	U	0.69	U	19.40		0.71	U	0.68	U	4.10	J
m,p-xylene	260	1,000,000	1.72	U	1.54	J	2.16	J	***530.00***	J	1.24	U	1.10	U	2.89	J	1.12	U	1.27	J	1.53	J
Methyl t-butyl ether	930	1,000,000	0.86	U	0.61	U	0.57	U	115.00	U	0.62	U	0.55	U	0.56	U	0.56	U	0.54	U	0.63	U
Methylene Chloride	50	1,000,000	1.46	U	3.65	J	4.15	J	126.00	U	12.10	B	2.76	J	4.40	J	11.20	B	1.95	J	2.75	J
Naphthalene	--	--	2.10	U	1.49	U	1.40	U	13500.00		1.51	U	1.34	U	741.00		1.37	U	1.32	U	1.52	U
n-Butylbenzene	12,000	1,000,000	1.53	U	1.09	U	1.02	U	4550.00		1.10	U	0.98	U	53.20		1.00	U	0.96	U	1.11	U
n-Propylbenzene	3,900	1,000,000	1.24	U	0.88	U	1.64	J	3450.00		0.89	U	0.79	U	28.00		0.81	U	0.78	U	3.26	J
o-xylene	260	1,000,000	1.29	U	0.92	U	1.01	J	126.00	U	0.93	U	0.82	U	4.15	J	0.84	U	0.81	U	0.94	U
p-Diethylbenzene	--	--	1.70	U	1.21	U	1.14	U	7960.00		1.23	U	1.09	U	45.40		1.11	U	1.07	U	3.60	J
p-Ethyltoluene	--	--	1.58	U	1.12	U	2.07	J	1570.00		1.14	U	1.01	U	5.74		1.03	U	0.99	U	1.15	U
sec-Butylbenzene	11,000	1,000,000	1.43	U	1.01	U	1.35	J	1810.00		1.03	U	0.91	U	33.50		0.93	U	0.90	U	3.37	J
Styrene	--	--	1.27	U	0.90	U	0.85	U	94.70	U	0.92	U	0.81	U	0.82	U	0.83	U	0.80	U	0.93	U
t-1,2-Dichloroethene	190	1,000,000	0.72	U	0.51	U	0.48	U	109.00	U	0.52	U	0.46	U	0.47	U	0.47	U	0.45	U	0.52	U
t-1,3-Dichloropropene	--	--	0.84	U	0.60	U	0.56	U	121.00	U	0.61	U	0.54	U	0.54	U	0.55	U	0.53	U	0.61	U
TAME	--	--	3.61	U	2.56	U	2.41	U	118.00	U	2.60	U	2.31	U	2.33	U	2.35	U	2.27	U	2.63	U
tert-Butylbenzene	5,900	1,000,000	1.65	U	1.17	U	1.10	U	138.00	U	1.19	U	1.06	U	3.70	J	1.08	U	1.04	U	1.20	U
Tertiary butyl alcohol	--	--	29.90	U	21.20	U	20.00	U	6140.00	U	21.60	U	19.10	U	19.30	U	19.50	U	18.80	U	21.80	U
Tetrachloroethene	1,300	300,000	1.00	U	0.71	U	0.67	U	51.70	U	0.72	U	0.64	U	0.64	U	0.65	U	0.63	U	0.73	U
Toluene	700	1,000,000	0.65	U	0.46	U	0.81	J	115.00	U	0.47	U	0.42	U	0.42	U	0.43	U	0.41	U	0.47	U
Trichloroethene	470	400,000	0.62	U	0.44	U	0.41	U	80.40	U	0.45	U	0.40	U	0.40	U	0.40	U	0.39	U	0.45	U
Trichlorofluoromethane	--	--	1.10	U	0.78	U	0.74	U	97.60	U	0.79	U	0.70	U	0.71	U	0.72	U	0.69	U	0.80	U
Vinyl Chloride	20	27,000	1.01	U	0.72	U	0.68	U	109.00	U	0.73	U	0.65	U	0.65	U	0.66	U	0.64	U	0.74	U

NOTES:
Samples analyzed by ETL of Farmingdale, NY
Concentrations shown in bold exceed Track 1 SCO
Concentrations shown in bold italics exceed Industrial criteria
All concentrations shown are ug/kg
-- No standard

FORMER CIBRO BROTHERS TERMINAL SITE
ISLAND PARK, NEW YORK

TABLE 2

JUNE 7, 2007 TEST PIT SOIL SAMPLES - VOC

Collected Date / Sample Name / Analyte	Track 1 SCO	Industrial	06/07/07 TP13 (0-2)	06/07/07 TP13 (2-4)	06/07/07 TP14 (0-2)	06/07/07 TP14 (2-6)	06/07/07 TP-14 (6-7)	06/07/07 TP15 (0-4)	06/07/07 TP15 (4-6)	06/07/07 TP-15 (6-7)	06/07/07 TP16 (0-2)	06/07/07 TP16 (2-4)
1,1,1,2-Tetrachloroethane	--	--	0.88 U	1.08 U	0.92 U	1.07 U	1.93 U	1.01 U	0.92 U	1.10 U	0.88 U	0.82 U
1,1,1-Trichloroethane	680	1,000,000	0.56 U	0.69 U	0.58 U	0.68 U	1.22 U	0.64 U	0.58 U	0.69 U	0.56 U	0.52 U
1,1,2,2-Tetrachloroethane	--	--	1.59 U	1.96 U	1.66 U	1.93 U	3.49 U	1.83 U	1.66 U	1.99 U	1.59 U	1.49 U
1,1,2-Trichloroethane	--	--	0.98 U	1.21 U	1.02 U	1.19 U	2.15 U	1.13 U	1.02 U	1.22 U	0.98 U	0.92 U
1,1,2-Trichlorotrifluoroethane	--	--	0.82 U	1.01 U	0.86 U	1.00 U	1.81 U	0.95 U	0.86 U	1.03 U	0.82 U	0.77 U
1,1-Dichloroethane	270	480,000	0.49 U	0.60 U	0.51 U	0.59 U	1.07 U	0.56 U	0.51 U	0.61 U	0.49 U	0.46 U
1,1-Dichloroethene	330	1,000,000	0.77 U	0.95 U	0.80 U	0.93 U	1.68 U	0.88 U	0.80 U	0.96 U	0.77 U	0.72 U
1,1-Dichloropropene	--	--	1.17 U	1.44 U	1.22 U	1.42 U	2.56 U	1.34 U	1.22 U	1.46 U	1.17 U	1.09 U
1,2,3-Trichlorobenzene	--	--	1.14 U	1.41 U	1.19 U	1.39 U	2.51 U	1.32 U	1.19 U	1.43 U	1.14 U	1.07 U
1,2,3-Trichloropropane	--	--	2.23 U	2.75 U	2.33 U	2.71 U	4.90 U	2.57 U	2.33 U	2.79 U	2.23 U	2.09 U
1,2,4,5-Tetramethylbenzene	--	--	1.21 U	1.49 U	1.26 U	1.47 U	2.66 U	1.40 U	1.26 U	1.52 U	1.21 U	9.86
1,2,4-Trichlorobenzene	--	--	1.11 U	1.37 U	1.16 U	1.35 U	2.44 U	1.28 U	1.16 U	1.39 U	1.11 U	1.52 J
1,2,4-Trimethylbenzene	3,600	380,000	1.04 U	1.29 U	1.09 U	1.27 U	2.29 U	1.20 U	1.09 U	1.31 U	1.04 U	0.98 U
1,2-Dibromo-3-chloropropane	--	--	2.54 U	3.14 U	2.66 U	3.09 U	5.59 U	2.93 U	2.66 U	3.18 U	2.54 U	2.38 U
1,2-Dibromoethane	--	--	0.82 U	1.01 U	0.86 U	1.00 U	1.81 U	0.95 U	0.86 U	1.03 U	0.82 U	0.77 U
1,2-Dichlorobenzene	1,100	1,000,000	1.31 U	1.62 U	1.37 U	1.59 U	2.88 U	1.51 U	1.37 U	1.64 U	1.31 U	1.23 U
1,2-Dichloroethane	20	60,000	0.63 U	0.78 U	0.66 U	0.77 U	1.39 U	0.73 U	0.66 U	0.79 U	0.63 U	0.59 U
1,2-Dichloropropane	--	--	0.42 U	0.52 U	0.44 U	0.51 U	0.93 U	0.49 U	0.44 U	0.53 U	0.42 U	0.40 U
1,3,5-Trimethylbenzene	8,400	380,000	0.91 U	1.12 U	0.95 U	1.11 U	2.00 U	1.05 U	0.95 U	1.14 U	0.91 U	0.85 U
1,3-Dichlorobenzene	2,400	560,000	1.10 U	1.36 U	1.15 U	1.34 U	2.42 U	1.27 U	1.15 U	1.38 U	1.10 U	1.03 U
1,3-Dichloropropane	--	--	0.60 U	0.74 U	0.63 U	0.73 U	1.32 U	0.69 U	0.63 U	0.75 U	0.60 U	0.56 U
1,4-Dichlorobenzene	1,800	250,000	1.14 U	1.41 U	1.19 U	1.39 U	2.51 U	1.32 U	1.19 U	1.43 U	1.14 U	1.07 U
2,2-Dichloropropane	--	--	0.85 U	1.05 U	0.89 U	1.04 U	1.88 U	0.99 U	0.89 U	1.07 U	0.85 U	0.80 U
2-Butanone	120	1,000,000	3.51 U	4.33 U	3.67 U	6.33 J	7.71 U	4.04 U	3.67 U	4.39 U	3.51 U	3.29 U
2-Chloroethylvinylether	--	--	3.76 U	4.64 U	3.93 U	4.58 U	8.27 U	4.34 U	3.93 U	4.71 U	3.76 U	3.53 U
2-Chlorotoluene	--	--	0.99 U	1.22 U	1.03 U	1.20 U	2.17 U	1.14 U	1.03 U	1.24 U	0.99 U	0.93 U
2-Hexanone	--	--	1.93 U	2.38 U	2.02 U	2.35 U	4.25 U	2.23 U	2.02 U	2.42 U	1.93 U	1.81 U
4-Chlorotoluene	--	--	1.09 U	1.34 U	1.14 U	1.32 U	2.39 U	1.25 U	1.14 U	1.36 U	1.09 U	1.02 U
4-Isopropyltoluene	--	--	0.88 U	3.29 J	0.92 U	1.23 J	1.93 U	1.01 U	0.92 U	1.10 U	0.88 U	1.17 J
4-Methyl-2-pentanone	--	--	2.15 U	2.66 U	2.25 U	2.62 U	4.73 U	2.48 U	2.25 U	2.70 U	2.15 U	2.02 U
Acetone	50	1,000,000	12.70 J	**83.10**	27.60 J	**71.80**	29.80 J	27.90 J	22.00 J	10.50 J	14.70 J	39.30 U
Acrylonitrile	--	--	6.80 U	8.40 U	7.11 U	8.28 U	15.00 U	7.85 U	7.11 U	8.52 U	6.80 U	6.38 U
Benzene	60	89,000	0.56 U	0.69 U	0.58 U	0.68 U	1.22 U	0.64 U	0.58 U	0.69 U	0.56 U	0.52 U
Bromobenzene	--	--	0.90 U	1.11 U	0.94 U	1.09 U	1.98 U	1.04 U	0.94 U	1.13 U	0.90 U	0.84 U
Bromochloromethane	--	--	1.11 U	1.37 U	1.16 U	1.35 U	2.44 U	1.28 U	1.16 U	1.39 U	1.11 U	1.04 U
Bromodichloromethane	--	--	0.48 U	0.59 U	0.50 U	0.58 U	1.05 U	0.55 U	0.50 U	0.60 U	0.48 U	0.45 U
Bromoform	--	--	1.25 U	1.55 U	1.31 U	1.53 U	2.76 U	1.45 U	1.31 U	1.57 U	1.25 U	1.18 U
Bromomethane	--	--	0.58 U	0.71 U	0.60 U	0.70 U	1.27 U	0.67 U	0.60 U	0.72 U	0.58 U	0.54 U
c-1,2-Dichloroethene	--	1,000,000	0.60 U	0.74 U	0.63 U	0.73 U	1.32 U	0.69 U	0.63 U	0.75 U	0.60 U	0.56 U

FORMER CIBRO BROTHERS TERMINAL SITE
ISLAND PARK, NEW YORK

TABLE 2

JUNE 7, 2007 TEST PIT SOIL SAMPLES - VOC

Collected Date			06/07/07		06/07/07		06/07/07		06/07/07		06/07/07		06/07/07		06/07/07		06/07/07		06/07/07	
Sample Name	Track 1 SCO	Industrial	TP13 (0-2)		TP13 (2-4)		TP14 (0-2)		TP14 (2-6)		TP-14 (6-7)		TP15 (0-4)		TP15 (4-6)		TP-15 (6-7)		TP16 (0-2)		TP16 (2-4)	
Analyte																						
c-1,3-Dichloropropene	--	--	0.54	U	0.67	U	0.57	U	0.66	U	1.20	U	0.63	U	0.57	U	0.68	U	0.54	U	0.51	U
Carbon disulfide	--	--	1.39	U	14.40		1.45	U	14.60		30.20		1.60	U	1.45	U	27.70		1.39	U	1.30	U
Carbon Tetrachloride	760	44,000	0.63	U	0.78	U	0.66	U	0.77	U	1.39	U	0.73	U	0.66	U	0.79	U	0.63	U	0.59	U
Chlorobenzene	1,100	1,000,000	0.57	U	0.70	U	0.59	U	0.69	U	1.24	U	0.65	U	0.59	U	0.71	U	0.57	U	0.53	U
Chlorodifluoromethane	--	--	0.72	U	0.89	U	0.75	U	0.88	U	1.59	U	0.83	U	0.75	U	0.90	U	0.72	U	0.68	U
Chloroethane	--	--	1.41	U	1.74	U	1.47	U	1.71	U	3.10	U	1.63	U	1.47	U	1.77	U	1.41	U	1.32	U
Chloroform	370	700,000	0.52	U	0.64	U	0.55	U	0.63	U	1.15	U	0.60	U	0.55	U	0.65	U	0.52	U	0.49	U
Chloromethane	--	--	0.43	U	0.53	U	0.45	U	0.53	U	0.95	U	0.50	U	0.45	U	0.54	U	0.43	U	0.41	U
Dibromochloromethane	--	--	0.80	U	0.99	U	0.84	U	0.97	U	1.76	U	0.92	U	0.84	U	1.00	U	0.80	U	0.75	U
Dibromomethane	--	--	0.56	U	0.69	U	0.58	U	0.68	U	1.22	U	0.64	U	0.58	U	0.69	U	0.56	U	0.52	U
Dichlorodifluoromethane	--	--	0.59	U	0.73	U	0.61	U	0.72	U	1.29	U	0.68	U	0.61	U	0.74	U	0.59	U	0.55	U
Ethylbenzene	1,000	780,000	0.48	U	0.59	U	0.50	U	0.58	U	1.05	U	0.55	U	0.50	U	0.60	U	0.48	U	0.45	U
Hexachlorobutadiene	--	--	1.10	U	1.36	U	1.15	U	1.34	U	2.42	U	1.27	U	1.15	U	1.38	U	1.10	U	1.03	U
Isopropylbenzene	--	--	0.70	U	0.86	U	0.73	U	0.85	U	1.54	U	0.81	U	0.73	U	0.88	U	0.70	U	0.66	U
m,p-xylene	260	1,000,000	1.11	U	1.37	U	1.16	U	1.35	U	2.44	U	1.28	U	1.16	U	1.39	U	1.11	U	1.04	U
Methyl t-butyl ether	930	1,000,000	0.56	U	0.69	U	0.58	U	0.68	U	1.22	U	0.64	U	0.58	U	0.69	U	0.56	U	0.52	U
Methylene Chloride	50	1,000,000	1.27	J	4.93	BJ	0.99	U	4.23	BJ	2.07	U	1.09	U	0.99	U	19.60	B	7.35		0.88	U
Naphthalene	--	--	1.35	U	1.67	U	1.42	U	1.65	U	2.98	U	1.56	U	1.42	U	1.70	U	1.52	J	1.27	U
n-Butylbenzene	12,000	1,000,000	0.99	U	1.22	U	1.03	U	1.20	U	2.17	U	1.14	U	1.03	U	1.24	U	0.99	U	1.42	J
n-Propylbenzene	3,900	1,000,000	0.80	U	0.99	U	0.84	U	0.97	U	1.76	U	0.92	U	0.84	U	1.00	U	0.80	U	0.75	U
o-xylene	260	1,000,000	0.83	U	1.03	U	0.87	U	1.01	U	1.83	U	0.96	U	0.87	U	1.04	U	0.83	U	0.78	U
p-Diethylbenzene	--	--	1.10	U	1.36	U	1.15	U	1.34	U	2.42	U	1.27	U	1.15	U	1.38	U	1.10	U	1.14	J
p-Ethyltoluene	--	--	1.02	U	1.26	U	1.07	U	1.24	U	2.24	U	1.18	U	1.07	U	1.28	U	1.02	U	0.96	U
sec-Butylbenzene	11,000	1,000,000	0.92	U	1.14	U	0.96	U	1.12	U	2.03	U	1.06	U	0.96	U	1.15	U	0.92	U	0.89	J
Styrene	--	--	0.82	U	1.01	U	0.86	U	1.00	U	1.81	U	0.95	U	0.86	U	1.03	U	0.82	U	0.77	U
t-1,2-Dichloroethene	190	1,000,000	0.47	U	0.58	U	0.49	U	0.57	U	1.02	U	0.54	U	0.49	U	0.58	U	0.47	U	0.44	U
t-1,3-Dichloropropene	--	--	0.54	U	0.67	U	0.57	U	0.66	U	1.20	U	0.63	U	0.57	U	0.68	U	0.54	U	0.51	U
TAME	--	--	2.33	U	2.88	U	2.44	U	2.84	U	5.12	U	2.69	U	2.44	U	2.92	U	2.33	U	2.18	U
tert-Butylbenzene	5,900	1,000,000	1.07	U	1.32	U	1.11	U	1.30	U	2.34	U	1.23	U	1.11	U	1.33	U	1.07	U	1.00	U
Tertiary butyl alcohol	--	--	19.30	U	23.80	U	20.20	U	23.50	U	42.50	U	22.30	U	20.20	U	24.20	U	19.30	U	18.10	U
Tetrachloroethene	1,300	300,000	0.64	U	0.79	U	0.67	U	0.78	U	1.42	U	0.74	U	0.67	U	0.81	U	0.64	U	0.60	U
Toluene	700	1,000,000	0.42	U	0.52	U	0.44	U	0.51	U	2.88	J	0.49	U	0.44	U	0.53	U	0.42	U	0.40	U
Trichloroethene	470	400,000	0.40	U	0.49	U	0.42	U	0.49	U	0.88	U	0.46	U	0.42	U	0.50	U	0.40	U	0.37	U
Trichlorofluoromethane	--	--	0.71	U	0.88	U	0.74	U	0.86	U	1.56	U	0.82	U	0.74	U	0.89	U	0.71	U	0.67	U
Vinyl Chloride	20	27,000	0.65	U	0.81	U	0.68	U	0.80	U	1.44	U	0.76	U	0.68	U	0.82	U	0.65	U	0.61	U

NOTES:
Samples analyzed by ETL of Farmingdale, NY
Concentrations shown in bold exceed Track 1 SCO
Concentrations shown in bold italics exceed Industrial criteria
All concentrations shown are ug/kg
-- No standard

FORMER CIBRO BROTHERS TERMINAL SITE
ISLAND PARK, NEW YORK

TABLE 2

JUNE 7, 2007 TEST PIT SOIL SAMPLES - VOC

Collected Date			06/07/07		06/07/07		06/07/07		06/07/07		06/07/07		06/07/07		06/07/07	
Sample Name	Track 1 SCO	Industrial	TP17 (0-2)		TP17 (2-4)		TP-17 (4-7)		TP18 (0-2)		TP18 (2-4)		FB2		TRIP BLANK	
Analyte																
1,1,1,2-Tetrachloroethane	--	--	0.88	U	56.80	U	1.02	U	4.47	U	4.25	U	0.43	U	0.43	U
1,1,1-Trichloroethane	680	1,000,000	0.56	U	56.80	U	0.64	U	2.83	U	2.69	U	0.43	U	0.43	U
1,1,2,2-Tetrachloroethane	--	--	1.59	U	72.60	U	1.84	U	8.09	U	7.69	U	0.55	U	0.55	U
1,1,2-Trichloroethane	--	--	0.98	U	55.40	U	1.14	U	4.98	U	4.73	U	0.42	U	0.42	U
1,1,2-Trichlorotrifluoroethane	--	--	0.82	U	60.70	U	0.95	U	4.19	U	3.98	U	0.46	U	0.46	U
1,1-Dichloroethane	270	480,000	0.49	U	47.50	U	0.57	U	2.49	U	2.37	U	0.36	U	0.36	U
1,1-Dichloroethene	330	1,000,000	0.77	U	48.80	U	0.89	U	3.91	U	3.71	U	0.37	U	0.37	U
1,1-Dichloropropene	--	--	1.17	U	27.70	U	1.35	U	5.94	U	5.65	U	0.21	U	0.21	U
1,2,3-Trichlorobenzene	--	--	1.14	U	68.60	U	1.33	U	5.83	U	5.54	U	0.52	U	0.52	U
1,2,3-Trichloropropane	--	--	2.23	U	93.70	U	2.59	U	11.40	U	10.80	U	0.71	U	0.71	U
1,2,4,5-Tetramethylbenzene	--	--	1.21	U	4800.00		12.50		503.00		208.00	U	0.42	U	0.42	U
1,2,4-Trichlorobenzene	--	--	1.11	U	55.40	U	1.29	U	5.66	U	5.38	U	0.42	U	0.42	U
1,2,4-Trimethylbenzene	3,600	380,000	1.04	U	79.10	J	1.21	U	5.32	U	5.06	U	0.38	U	0.38	U
1,2-Dibromo-3-chloropropane	--	--	2.54	U	92.40	U	2.95	U	13.00	U	12.30	U	0.70	U	0.70	U
1,2-Dibromoethane	--	--	0.82	U	47.50	U	0.95	U	4.19	U	3.98	U	0.36	U	0.36	U
1,2-Dichlorobenzene	1,100	1,000,000	1.31	U	54.10	U	1.52	U	6.68	U	6.35	U	0.41	U	0.41	U
1,2-Dichloroethane	20	60,000	0.63	U	42.20	U	0.74	U	3.23	U	3.07	U	0.32	U	0.32	U
1,2-Dichloropropane	--	--	0.42	U	64.70	U	0.49	U	2.15	U	2.04	U	0.49	U	0.49	U
1,3,5-Trimethylbenzene	8,400	380,000	0.91	U	44.90	U	1.06	U	4.64	U	4.41	U	0.34	U	0.34	U
1,3-Dichlorobenzene	2,400	560,000	1.10	U	59.40	U	1.28	U	5.60	U	5.33	U	0.45	U	0.45	U
1,3-Dichloropropane	--	--	0.60	U	50.20	U	0.70	U	3.06	U	2.91	U	0.38	U	0.38	U
1,4-Dichlorobenzene	1,800	250,000	1.14	U	60.70	U	1.33	U	5.83	U	5.54	U	0.46	U	0.46	U
2,2-Dichloropropane	--	--	0.85	U	62.00	U	0.99	U	4.36	U	4.14	U	0.47	U	0.47	U
2-Butanone	120	1,000,000	3.51	U	127.00	U	4.08	U	17.90	U	17.00	U	0.96	U	0.96	U
2-Chloroethylvinylether	--	--	3.76	U	234.00	U	4.37	U	19.20	U	18.20	U	1.77	U	1.77	U
2-Chlorotoluene	--	--	0.99	U	56.80	U	1.15	U	5.04	U	4.79	U	0.43	U	0.43	U
2-Hexanone	--	--	1.93	U	40.90	U	2.24	U	9.85	U	9.36	U	0.31	U	0.31	U
4-Chlorotoluene	--	--	1.09	U	60.70	U	1.26	U	5.55	U	5.27	U	0.46	U	0.46	U
4-Isopropyltoluene	--	--	0.88	U	651.00	J	1.02	U	4.47	U	4.25	U	0.37	U	0.37	U
4-Methyl-2-pentanone	--	--	2.15	U	64.70	U	2.50	U	11.00	U	10.40	U	0.49	U	0.49	U
Acetone	50	1,000,000	23.90	J	104.00	U	6.53	U	40.90	J	27.20	U	0.79	U	0.79	U
Acrylonitrile	--	--	6.80	U	269.00	U	7.91	U	34.70	U	33.00	U	2.04	U	2.04	U
Benzene	60	89,000	0.56	U	44.90	U	0.64	U	2.83	U	2.69	U	0.34	U	0.34	U
Bromobenzene	--	--	0.90	U	50.20	U	1.04	U	4.58	U	4.36	U	0.38	U	0.38	U
Bromochloromethane	--	--	1.11	U	80.50	U	1.29	U	5.66	U	5.38	U	0.61	U	0.61	U
Bromodichloromethane	--	--	0.48	U	59.40	U	0.55	U	2.43	U	2.31	U	0.45	U	0.45	U
Bromoform	--	--	1.25	U	60.70	U	1.46	U	6.40	U	6.08	U	0.46	U	0.46	U
Bromomethane	--	--	0.58	U	68.60	U	0.67	U	2.94	U	2.80	U	0.52	U	0.52	U
c-1,2-Dichloroethene	--	1,000,000	0.60	U	56.80	U	0.70	U	3.06	U	2.91	U	0.43	U	0.43	U

FORMER CIBRO BROTHERS TERMINAL SITE
ISLAND PARK, NEW YORK

TABLE 2

JUNE 7, 2007 TEST PIT SOIL SAMPLES - VOC

Collected Date / Sample Name / Analyte	Track 1 SCO	Industrial	06/07/07 TP17 (0-2)		06/07/07 TP17 (2-4)		06/07/07 TP-17 (4-7)		06/07/07 TP18 (0-2)		06/07/07 TP18 (2-4)		06/07/07 FB2		06/07/07 TRIP BLANK	
c-1,3-Dichloropropene	--	--	0.54	U	54.10	U	0.63	U	2.77	U	2.64	U	0.41	U	0.41	U
Carbon disulfide	--	--	1.39	U	42.20	U	2.75	J	7.07	U	6.72	U	0.32	U	0.32	U
Carbon Tetrachloride	760	44,000	0.63	U	39.60	U	0.74	U	3.23	U	3.07	U	0.30	U	0.30	U
Chlorobenzene	1,100	1,000,000	0.57	U	47.50	U	0.66	U	2.89	U	2.74	U	0.36	U	0.36	U
Chlorodifluoromethane	--	--	0.72	U	46.20	U	0.84	U	3.68	U	3.50	U	0.35	U	0.35	U
Chloroethane	--	--	1.41	U	99.00	U	1.64	U	7.19	U	6.83	U	0.75	U	0.75	U
Chloroform	370	700,000	0.52	U	51.50	U	0.61	U	2.66	U	2.53	U	0.39	U	0.39	U
Chloromethane	--	--	0.43	U	96.40	U	0.50	U	2.21	U	2.10	U	0.73	U	0.73	U
Dibromochloromethane	--	--	0.80	U	59.40	U	0.93	U	4.08	U	3.87	U	0.45	U	0.45	U
Dibromomethane	--	--	0.56	U	54.10	U	0.64	U	2.83	U	2.69	U	0.41	U	0.41	U
Dichlorodifluoromethane	--	--	0.59	U	44.90	U	0.68	U	3.00	U	2.85	U	0.34	U	0.34	U
Ethylbenzene	1,000	780,000	0.48	U	58.10	U	0.55	U	2.43	U	2.31	U	0.44	U	0.44	U
Hexachlorobutadiene	--	--	1.10	U	64.70	U	1.28	U	5.60	U	5.33	U	0.49	U	0.49	U
Isopropylbenzene	--	--	0.70	U	647.00	J	0.81	U	19.90	J	3.39	U	0.33	U	0.33	U
m,p-xylene	260	1,000,000	1.11	U	103.00	U	1.29	U	5.66	U	5.38	U	0.78	U	0.78	U
Methyl t-butyl ether	930	1,000,000	0.56	U	52.80	U	0.64	U	2.83	U	2.69	U	0.40	U	0.40	U
Methylene Chloride	50	1,000,000	8.67		58.10	U	10.80	B	4.81	U	4.57	U	0.44	U	0.44	U
Naphthalene	--	--	1.35	U	627.00	J	1.57	U	6.91	U	6.56	U	0.54	U	0.54	U
n-Butylbenzene	12,000	1,000,000	0.99	U	1580.00		1.15	U	70.80		4.79	U	0.39	U	0.39	U
n-Propylbenzene	3,900	1,000,000	0.80	U	1190.00		0.93	U	30.10		3.87	U	0.36	U	0.36	U
o-xylene	260	1,000,000	0.83	U	58.10	U	1.15	U	4.24	U	4.03	U	0.44	U	0.44	U
p-Diethylbenzene	--	--	1.10	U	1810.00		5.47	J	120.00		27.30		0.39	U	0.39	U
p-Ethyltoluene	--	--	1.02	U	52.80	U	1.19	U	5.21	U	4.95	U	0.40	U	0.40	U
sec-Butylbenzene	11,000	1,000,000	0.92	U	1380.00		3.27	J	77.20		6.21	J	0.42	U	0.42	U
Styrene	--	--	0.82	U	43.60	U	0.95	U	4.19	U	3.98	U	0.33	U	0.33	U
t-1,2-Dichloroethene	190	1,000,000	0.47	U	50.20	U	0.54	U	2.38	U	2.26	U	0.38	U	0.38	U
t-1,3-Dichloropropene	--	--	0.54	U	55.40	U	0.63	U	2.77	U	2.64	U	0.42	U	0.42	U
TAME	--	--	2.33	U	54.10	U	2.71	U	11.90	U	11.30	U	0.41	U	0.41	U
tert-Butylbenzene	5,900	1,000,000	1.07	U	63.40	U	1.24	U	12.90	J	5.16	U	0.48	U	0.48	U
Tertiary butyl alcohol	--	--	19.30	U	2820.00	U	22.40	U	98.50	U	93.60	U	21.40	U	21.40	U
Tetrachloroethene	1,300	300,000	0.64	U	23.80	U	0.75	U	3.28	U	3.12	U	0.18	U	0.18	U
Toluene	700	1,000,000	0.42	U	52.80	U	0.49	U	2.15	U	2.04	U	0.40	U	0.40	U
Trichloroethene	470	400,000	0.40	U	37.00	U	0.46	U	2.04	U	1.94	U	0.28	U	0.28	U
Trichlorofluoromethane	--	--	0.71	U	44.90	U	0.83	U	3.62	U	3.44	U	0.34	U	0.34	U
Vinyl Chloride	20	27,000	0.65	U	50.20	U	0.76	U	3.34	U	3.17	U	0.38	U	0.38	U

NOTES:
Samples analyzed by ETL of Farmingdale, NY
Concentrations shown in bold exceed Track 1 SCO
Concentrations shown in bold italics exceed Industrial criteria
All concentrations shown are ug/kg
-- No standard

FORMER CIBRO BROTHERS TERMINAL SITE
ISLAND PARK, NEW YORK

TABLE 3

JUNE 7, 2007 TEST PIT SOIL SAMPLES - TPH

Collected Date		06/07/07	06/07/07	6/7/2007	06/07/07	06/07/07	06/07/07	06/07/07	06/07/07	06/07/07
Sample Name		TP1 (0-2)	TP1 (2-4)	TP-1 (4-7)	TP2 (0-2)	TP2 (2-4)	TP3 (0-2)	TP3 (2-4)	TP4 (0-2)	TP4 (2-4)
Analyte	Units									
THC by Mod 8100	mg/Kg	12800	2930	14100	885	2890	4950	580	413	2880
GRO	mg/Kg	486	241	724	77.4	239	326	47.9	65.3	245

Collected Date		06/07/07	06/07/07	6/7/2007	06/07/07	06/07/07	06/07/07	06/07/07	06/07/07	06/07/07
Sample Name		TP7 (0-2)	TP7 (2-4)	TP-7 (4-7)	TP8 (0-2)	TP8 (4-5)	TP9 (0-2)	TP9 (2-4)	TP10 (0-2)	TP10 (2-4)
Analyte	Units									
THC by Mod 8100	mg/Kg	8470	4060	5480	300	<13.6	<20.7	76.9	6710	45.6
GRO	mg/Kg	419	367	149	16.2	4.97	14.6	7.61	461	272

Collected Date		06/07/07	06/07/07	06/07/07	06/07/07	6/7/2007	06/07/07	06/07/07	6/7/2007	06/07/07
Sample Name		TP13 (0-2)	TP13 (2-4)	TP14 (0-2)	TP14 (2-6)	TP-14 (4-7)	TP15 (0-4)	TP15 (4-6)	TP-15 (4-7)	TP16 (0-2)
Analyte	Units									
THC by Mod 8100	mg/Kg	36.6	91.4	72.4	112	429	22.4	<13.9	<16.7	<13.3
GRO	mg/Kg	6.59	5.04	2.96	4.13	7.41	2.7	3.05	5.15	47.1

FORMER CIBRO BROTHERS TERMINAL SITE
ISLAND PARK, NEW YORK

TABLE 3

JUNE 7, 2007 TEST PIT SOIL SAMPLES - TPH

Collected Date		6/7/2007	06/07/07	06/07/07	6/7/2007	06/07/07	06/07/07
Sample Name		TP-4 (4-7)	TP5 (0-1.5)	TP5 (1.5-3)	TP-5 (4-7)	TP6 (0-2)	TP6 (2-4)
Analyte	Units						
THC by Mod 8100	mg/Kg	157	1010	686	448	1990	240
GRO	mg/Kg	9.91	30.6	79.4	68.9	65.3	58.6

Collected Date		6/7/2007	06/07/07	06/07/07	6/7/2007	06/07/07	06/07/07
Sample Name		TP-10 (4-7)	TP11 (0-2)	TP11 (2-4)	TP-11 (4-7)	TP12 (0-2)	TP12 (2-4)
Analyte	Units						
THC by Mod 8100	mg/Kg	<14.9	875	5690	164	66.4	150
GRO	mg/Kg	3.9	24	305	29.4	11.2	24.8

Collected Date		06/07/07	06/07/07	06/07/07	6/7/2007	06/07/07	06/07/07
Sample Name		TP16 (2-4)	TP17 (0-2)	TP17 (2-4)	TP-17 (4-7)	TP18 (0-2)	TP18 (2-4)
Analyte	Units						
THC by Mod 8100	mg/Kg	295	241	6960	68.7	3930	161
GRO	mg/Kg	146	432	585	8	319	31.2

FORMER CIBRO BROTHERS TERMINAL SITE
ISLAND PARK, NEW YORK

TABLE 4

BIOPILE - PRE TREATMENT AND POST TREATMENT SAMPLING RESULTS

Collected Date / Sample Name / Analyte	Units	Track 1 SCO	10/30/06 RS-1,7,8	12/18/06 BIO-121806	06/22/07 BP1	06/22/07 BP2
TPH						
Diesel Range Organics	mg/kg	--	894	3160	1780	1360
Gasoline Range Organics	mg/kg	--	5.5	8.08	83.7	62
SVOCs						
Naphthalene	ug/kg	12,000	692	<37.7	<33.3	<33.4
Acenaphthene	ug/kg	20,000	278	204	35.1	84
Fluorene	ug/kg	30,000	296	240	<28.3	<28.5
Phenanthrene	ug/kg	100,000	1110	561	242	193
Anthracene	ug/kg	100,000	383	362	102	<37.1
Fluoranthene	ug/kg	100,000	1920	1440	533	613
Pyrene	ug/kg	100,000	1860	1830	620	792
Benzo(a)anthracene	ug/kg	1,000	885	632	283	308
Chrysene	ug/kg	1,000	987	714	299	356
Benzo(b)fluoranthene	ug/kg	1,000	768	631	272	330
Benzo(k)fluoranthene	ug/kg	800	**850**	582	223	284
Benzo(a)pyrene	ug/kg	1,000	947	720	280	372
Indeno(1,2,3-cd)pyrene	ug/kg	500	**541**	289	195	214
Dibenzo(a,h)anthracene	ug/kg	330	168	95.3	62.7	75.9
Benzo(g,h,i)perylene	ug/kg	100,000	581	306	227	259
Acenaphthylene	ug/kg	100,000	150	<26.6	<31.4	<31.6
VOCs						
MTBE	ug/kg	930	<1.13	<2.77	<2.67	<0.54
Benzene	ug/kg	60	<1.13	<2.77	<2.67	<0.54
Toluene	ug/kg	700	<0.86	<2.11	<2.03	<0.41
Ethylbenzene	ug/kg	1,000	<0.98	<2.38	<2.30	<0.46
m,p-xylene	ug/kg	260	<2.27	<5.54	<5.35	<1.07
o-xylene	ug/kg	260	<1.70	<4.16	<4.01	<0.80
Xylenes(Total)	ug/kg	--	<2.00	<4.88	NA	NA
Isopropylbenzene	ug/kg	--	<1.43	<3.49	<3.37	<0.67
n-Propylbenzene	ug/kg	3,900	<1.63	<3.99	<3.85	<0.77
1,3,5-Trimethylbenzene	ug/kg	8,400	<1.86	<4.54	<4.39	<0.88
tert-Butylbenzene	ug/kg	5,900	<2.18	<5.32	<5.14	<1.03
1,2,4-Trimethylbenzene	ug/kg	3,600	<2.13	<5.21	<5.03	<1.01
sec-Butylbenzene	ug/kg	11,000	<1.88	<4.60	<4.44	<0.89
p-Isopropyltoluene	ug/kg	--	<1.79	16.7	NA	NA
n-Butylbenzene	ug/kg	12,000	<2.02	<4.93	<4.76	<0.95
Naphthalene	ug/kg	--	<2.77	<6.76	<6.53	<1.31

Notes:
Samples analyzed by ETL of Farmingdale, NY
Concentrations shown in bold exceed Track 1 SCO
-- No standard
NA Not Analyzed

FORMER CIBRO BROTHERS TERMINAL SITE
ISLAND PARK, NEW YORK

TABLE 5

LAND FARMING - PRE TREATMENT AND POST TREATMENT SAMPLING RESULTS

Collected Date / Sample Name / Analyte	Units	Track 1 SCO	10/30/06 RS-1,7,8	12/18/06 SF-121806	06/22/07 LF1	06/22/07 LF2
TPH						
Diesel Range Organics	mg/kg	--	894	<12.9	643	895
Gasoline Range Organics	mg/kg	--	5.5	2.11	8.06	20.2
SVOCs						
Naphthalene	ug/kg	12,000	692	183	44.9	<35.3
Acenaphthene	ug/kg	20,000	278	231	<27.4	<27.7
Fluorene	ug/kg	30,000	296	365	<29.7	<30.0
Phenanthrene	ug/kg	100,000	1110	2130	215	153
Anthracene	ug/kg	100,000	383	930	86.3	79.1
Fluoranthene	ug/kg	100,000	1920	4550	938	552
Pyrene	ug/kg	100,000	1860	4950	1,030	605
Benzo(a)anthracene	ug/kg	1,000	885	**2230**	543	286
Chrysene	ug/kg	1,000	987	**2220**	562	305
Benzo(b)fluoranthene	ug/kg	1,000	768	**2030**	503	259
Benzo(k)fluoranthene	ug/kg	800	**850**	**2110**	449	255
Benzo(a)pyrene	ug/kg	1,000	947	**2220**	691	335
Indeno(1,2,3-cd)pyrene	ug/kg	500	**541**	**743**	420	244
Dibenzo(a,h)anthracene	ug/kg	330	168	61.3	132	67.5
Benzo(g,h,i)perylene	ug/kg	100,000	581	745	508	288
Acenaphthylene	ug/kg	100,000	150	<25.7	<33.0	<33.3
VOCs						
MTBE	ug/kg	930	<1.13	<2.68	<0.56	<0.56
Benzene	ug/kg	60	<1.13	<2.68	<0.56	<0.56
Toluene	ug/kg	700	<0.86	<2.04	<0.43	<0.43
Ethylbenzene	ug/kg	1,000	<0.98	<2.30	<0.48	<0.49
m,p-xylene	ug/kg	260	<2.27	<5.36	<1.12	<1.13
o-xylene	ug/kg	260	<1.70	<4.02	<0.84	<0.85
Xylenes(Total)	ug/kg	--	<2.00	<4.72	NA	NA
Isopropylbenzene	ug/kg	--	<1.43	<3.38	<0.71	<0.71
n-Propylbenzene	ug/kg	3,900	<1.63	<3.86	<0.81	<0.81
1,3,5-Trimethylbenzene	ug/kg	8,400	<1.86	<4.40	<0.92	<0.93
tert-Butylbenzene	ug/kg	5,900	<2.18	<5.15	<1.08	<1.08
1,2,4-Trimethylbenzene	ug/kg	3,600	<2.13	<5.04	<1.05	<1.06
sec-Butylbenzene	ug/kg	11,000	<1.88	<4.45	<0.93	<0.94
p-Isopropyltoluene	ug/kg	--	<1.79	8.85	NA	NA
n-Butylbenzene	ug/kg	12,000	<2.02	<4.77	<1.00	<1.01
Naphthalene	ug/kg	--	<2.77	<6.54	<1.37	<1.38

Notes:
Samples analyzed by ETL of Farmingdale, NY
Concentrations shown in bold exceed Track 1 SCO
-- No standard
NA Not Analyzed

FORMER CIBRO BROTHERS TERMINAL SITE
ISLAND PARK, NEW YORK

TABLE 6

EX SITU OXIDATION - PHASE 1 PRE TREATMENT AND POST TREATMENT SAMPLING RESULTS

			Pre-Treatment	Post-Treatment			
Treatment Batch				1	1	1	1
Reagent Dosage				X	X	X	X
Pug Mill Runs				1	1	1	1
Collected Date			10/24/06	11/15/06	12/18/06	12/19/06	12/19/06
Sample Name			RS-6	OTC-1	OTC-1	*OTC-8	**OTC-9
Analyte	Units	Track 1 SCO					
TPH							
Diesel Range Organics	mg/kg	--	7770	6890	NA	4840	5190
Gasoline Range Organics	mg/kg	--	46	21.4	NA	30.9	21.5
SVOCs							
Naphthalene	ug/kg	12,000	<37.1	<38.1	<38.1	<38.4	<37.7
Acenaphthene	ug/kg	20,000	1130	491	593	575	<28.9
Fluorene	ug/kg	30,000	1590	609	654	1010	505
Phenanthrene	ug/kg	100,000	7120	1270	1010	1950	811
Anthracene	ug/kg	100,000	893	<26.9	307	287	246
Fluoranthene	ug/kg	100,000	6020	714	1100	744	438
Pyrene	ug/kg	100,000	4370	665	1010	725	486
Benzo(a)anthracene	ug/kg	1,000	**1760**	199	313	209	123
Chrysene	ug/kg	1,000	**2270**	278	444	286	194
Benzo(b)fluoranthene	ug/kg	1,000	**1580**	201	385	217	130
Benzo(k)fluoranthene	ug/kg	800	**1590**	173	320	232	130
Benzo(a)pyrene	ug/kg	1,000	**1580**	188	296	211	122
Indeno(1,2,3-cd)pyrene	ug/kg	500	**826**	126	126	106	64.7
Dibenzo(a,h)anthracene	ug/kg	330	277	40.7	51.2	<19.2	<18.9
Benzo(g,h,i)perylene	ug/kg	100,000	774	141	121	107	69.8
Acenaphthylene	ug/kg	100,000	<18.5	<26.9	<26.9	<27.1	<26.6
VOCs							
MTBE	ug/kg	930	<101	<2.81	<2.80	<1.13	<2.78
Benzene	ug/kg	60	<99.3	<2.81	<2.80	<1.13	<2.78
Toluene	ug/kg	700	<74.8	<2.14	<2.12	<0.86	<2.11
Ethylbenzene	ug/kg	1,000	205	<2.42	<2.40	6.71	<2.39
m,p-xylene	ug/kg	260	95.4	<5.62	<5.59	5.85	<5.56
o-xylene	ug/kg	260	143	11.5	<4.19	12.2	<4.17
Xylenes(Total)	ug/kg	--	238	11.5	<4.92	18	<4.89
Isopropylbenzene	ug/kg	--	134	<3.54	<3.52	5.77	<3.50
n-Propylbenzene	ug/kg	3,900	337	<4.05	<4.02	13.1	<4.00
1,3,5-Trimethylbenzene	ug/kg	8,400	1090	114	64.7	80	68.2
tert-Butylbenzene	ug/kg	5,900	<76.2	12.6	7.29	10.5	7.74
1,2,4-Trimethylbenzene	ug/kg	3,600	2590	85	<5.25	113	<5.23
sec-Butylbenzene	ug/kg	11,000	412	<4.66	<4.64	15.7	<4.61
p-Isopropyltoluene	ug/kg	--	526	70.8	17.9	59.3	21.3
n-Butylbenzene	ug/kg	12,000	<78.9	<5.00	<4.98	<2.02	<4.95
Naphthalene	ug/kg	--	921	<6.86	<6.82	<2.77	<6.78
% Solids	%		92	88.9	89.5	88.2	90

Notes:
X = Manufacturer's Recommended Reagent Dosage
Samples analyzed by ETL of Farmingdale, NY
Concentrations shown in bold exceed Track 1 SCO
-- No standard
NA Not Analyzed
* = Additional treatment of material from treated OTC-1 test cell
** = Additional teatment of material from OTC-1 test cell. Analysis includes Acidity - EPA 305.1 with a result of 1220 mg/Kg

FORMER CIBRO BROTHERS TERMINAL SITE
ISLAND PARK, NEW YORK

TABLE 6

EX SITU OXIDATION - PHASE 1 PRE TREATMENT AND POST TREATMENT SAMPLING RESULTS

			Pre-Treatment	Post-Treatment			
Treatment Batch				2	2	3	3
Reagent Dosage				1/2X	1/2X	1/2X	1/2X
Pug Mill Runs				1	1	2	2
Collected Date			10/24/06	11/15/06	12/18/06	11/15/06	12/18/06
Sample Name			RS-5	OTC-2	OTC-2	OTC-3A	OTC-3A
Analyte	Units	Track 1 SCO					
TPH							
Diesel Range Organics	mg/kg	--	4440	5980	NA	3860	NA
Gasoline Range Organics	mg/kg	--	83.8	72.8	NA	43.9	NA
SVOCs							
Naphthalene	ug/kg	12,000	<37.4	<38.1	<36.7	<38.1	<38.1
Acenaphthene	ug/kg	20,000	424	<29.1	<28.1	291	<29.1
Fluorene	ug/kg	30,000	586	<24.6	<23.8	<24.6	<24.6
Phenanthrene	ug/kg	100,000	773	<30.2	<29.2	868	567
Anthracene	ug/kg	100,000	253	<26.9	<25.9	140	<26.9
Fluoranthene	ug/kg	100,000	513	385	452	1300	759
Pyrene	ug/kg	100,000	561	508	632	1190	998
Benzo(a)anthracene	ug/kg	1,000	236	179	211	501	376
Chrysene	ug/kg	1,000	276	224	263	555	402
Benzo(b)fluoranthene	ug/kg	1,000	229	198	255	418	382
Benzo(k)fluoranthene	ug/kg	800	228	160	245	397	358
Benzo(a)pyrene	ug/kg	1,000	244	194	252	469	379
Indeno(1,2,3-cd)pyrene	ug/kg	500	115	106	109	199	147
Dibenzo(a,h)anthracene	ug/kg	330	<19.8	35.8	53.1	76.5	<19.0
Benzo(g,h,i)perylene	ug/kg	100,000	119	118	116	210	146
Acenaphthylene	ug/kg	100,000	<18.7	<26.9	<25.9	<26.9	<26.9
VOCs							
MTBE	ug/kg	930	<101	<2.80	<2.71	<2.81	<2.79
Benzene	ug/kg	60	**451**	<2.80	<2.71	<2.81	<2.79
Toluene	ug/kg	700	422	<2.12	<2.06	<2.13	<2.12
Ethylbenzene	ug/kg	1,000	<95.9	<2.40	<2.33	<2.41	<2.40
m,p-xylene	ug/kg	260	<158	<5.59	<5.42	<5.61	<5.58
o-xylene	ug/kg	260	<93.2	<4.19	<4.07	<4.21	<4.18
Xylenes(Total)	ug/kg	--	<126	<4.92	<4.77	<4.94	<4.91
Isopropylbenzene	ug/kg	--	102	<3.52	<3.41	<3.53	<3.52
n-Propylbenzene	ug/kg	3,900	341	<4.02	<3.90	<4.04	<4.02
1,3,5-Trimethylbenzene	ug/kg	8,400	455	24.9	<4.44	25.5	<4.58
tert-Butylbenzene	ug/kg	5,900	275	23	<5.20	10.2	<5.36
1,2,4-Trimethylbenzene	ug/kg	3,600	2470	<5.25	<5.09	8.91	<5.25
sec-Butylbenzene	ug/kg	11,000	452	<4.64	<4.50	7.94	<4.63
p-Isopropyltoluene	ug/kg	--	1430	15.1	<4.28	25.4	<4.41
n-Butylbenzene	ug/kg	12,000	1020	<4.98	<4.82	<4.99	<4.97
Naphthalene	ug/kg	--	865	<6.82	<6.61	<6.84	<6.81
% Solids	%		91.2	89.4	92.2	89.2	89.6

FORMER CIBRO BROTHERS TERMINAL SITE
ISLAND PARK, NEW YORK

TABLE 6

EX SITU OXIDATION - PHASE 1 PRE TREATMENT AND POST TREATMENT SAMPLING RESULTS

			Pre-Treatment	Post-Treatment			
Treatment Batch				4	4	5	5
Reagent Dosage				1/2X	1/2X	X	X
Pug Mill Runs				2	2	2	2
Collected Date			10/26/06	11/15/06	12/18/06	11/15/06	12/18/06
Sample Name			RS- 4/3	OTC-3B	OTC-3B	OTC-4	OTC-4
Analyte	Units	Track 1 SCO					
TPH							
Diesel Range Organics	mg/kg	--	1490	3010	NA	1860	NA
Gasoline Range Organics	mg/kg	--	10.8	20.1	NA	21.4	NA
SVOCs							
Naphthalene	ug/kg	12,000	52.5	<39.4	<38.8	<40.5	<40.1
Acenaphthene	ug/kg	20,000	<48.0	<30.2	236	242	393
Fluorene	ug/kg	30,000	149	<25.5	<25.1	251	685
Phenanthrene	ug/kg	100,000	273	<31.3	510	1050	1480
Anthracene	ug/kg	100,000	119	<27.8	<27.4	171	317
Fluoranthene	ug/kg	100,000	151	120	177	1400	942
Pyrene	ug/kg	100,000	197	419	439	1380	1190
Benzo(a)anthracene	ug/kg	1,000	68.2	89.7	88.9	508	431
Chrysene	ug/kg	1,000	96.5	134	135	621	474
Benzo(b)fluoranthene	ug/kg	1,000	62.9	82.7	85.8	526	430
Benzo(k)fluoranthene	ug/kg	800	49.3	68.5	71.4	517	406
Benzo(a)pyrene	ug/kg	1,000	61.3	96.3	84.6	525	406
Indeno(1,2,3-cd)pyrene	ug/kg	500	49.7	44.8	40.6	270	165
Dibenzo(a,h)anthracene	ug/kg	330	<33.9	<19.7	<19.4	101	66.6
Benzo(g,h,i)perylene	ug/kg	100,000	66.3	77.1	51.2	285	167
Acenaphthylene	ug/kg	100,000	<45.6	<27.8	<27.4	<28.6	<28.3
VOCs							
MTBE	ug/kg	930	<2.92	<2.89	<2.86	<2.98	<2.94
Benzene	ug/kg	60	<2.92	<2.89	<2.86	<2.98	<2.94
Toluene	ug/kg	700	<2.22	<2.20	<2.17	<2.27	<2.23
Ethylbenzene	ug/kg	1,000	<2.52	<2.49	<2.46	<2.57	<2.53
m,p-xylene	ug/kg	260	<5.85	<5.78	<5.71	<5.97	<5.88
o-xylene	ug/kg	260	<4.39	<4.34	<4.28	<4.48	<4.41
Xylenes(Total)	ug/kg	--	<5.15	<5.09	<5.02	<10.4	<5.17
Isopropylbenzene	ug/kg	--	<3.69	<3.64	<3.60	<3.76	<3.70
n-Propylbenzene	ug/kg	3,900	3.67	<4.16	<4.11	8.13	<4.23
1,3,5-Trimethylbenzene	ug/kg	8,400	3.45	<4.74	<4.68	27.1	8.21
tert-Butylbenzene	ug/kg	5,900	<5.62	<5.55	<5.48	5.49	<5.64
1,2,4-Trimethylbenzene	ug/kg	3,600	20.3	<5.43	<5.37	73.6	<5.53
sec-Butylbenzene	ug/kg	11,000	4.3	<4.80	<4.74	10.5	<4.88
p-Isopropyltoluene	ug/kg	--	11.9	<4.57	<4.51	30.3	9.27
n-Butylbenzene	ug/kg	12,000	7.6	<5.14	<5.08	<5.31	<5.23
Naphthalene	ug/kg	--	11.4	<7.05	<6.97	<7.28	<7.17
% Solids	%		85.5	86.5	87.5	83.8	85

FORMER CIBRO BROTHERS TERMINAL SITE
ISLAND PARK, NEW YORK

TABLE 6

EX SITU OXIDATION - PHASE 1 PRE TREATMENT AND POST TREATMENT SAMPLING RESULTS

			Pre-Treatment	Post-Treatment	
Treatment Batch				6	6
Reagent Dosage				2X	2X
Pug Mill Runs				1	1
Collected Date			10/30/06	11/15/06	12/18/06
Sample Name			RS-1,7,8	OTC-5	OTC-5
Analyte	Units	Track 1 SCO			
TPH					
Diesel Range Organics	mg/kg	--	894	1360	NA
Gasoline Range Organics	mg/kg	--	5.5	15.1	NA
SVOCs					
Naphthalene	ug/kg	12,000	692	<40.1	<37.7
Acenaphthene	ug/kg	20,000	278	360	824
Fluorene	ug/kg	30,000	296	449	<24.4
Phenanthrene	ug/kg	100,000	1110	969	1520
Anthracene	ug/kg	100,000	383	311	<26.6
Fluoranthene	ug/kg	100,000	1920	1570	1020
Pyrene	ug/kg	100,000	1860	1600	1750
Benzo(a)anthracene	ug/kg	1,000	885	614	428
Chrysene	ug/kg	1,000	987	709	486
Benzo(b)fluoranthene	ug/kg	1,000	768	672	436
Benzo(k)fluoranthene	ug/kg	800	**850**	590	379
Benzo(a)pyrene	ug/kg	1,000	947	637	432
Indeno(1,2,3-cd)pyrene	ug/kg	500	**541**	259	185
Dibenzo(a,h)anthracene	ug/kg	330	168	92.2	<18.9
Benzo(g,h,i)perylene	ug/kg	100,000	581	264	195
Acenaphthylene	ug/kg	100,000	150	<28.3	<26.6
VOCs					
MTBE	ug/kg	930	<1.13	<2.94	<2.78
Benzene	ug/kg	60	<1.13	<2.94	<2.78
Toluene	ug/kg	700	<0.86	<2.23	<2.11
Ethylbenzene	ug/kg	1,000	<0.98	<2.53	<2.39
m,p-xylene	ug/kg	260	<2.27	<5.88	<5.56
o-xylene	ug/kg	260	<1.70	<4.41	<4.17
Xylenes(Total)	ug/kg	--	<2.00	<5.17	<4.89
Isopropylbenzene	ug/kg	--	<1.43	<3.70	<3.50
n-Propylbenzene	ug/kg	3,900	<1.63	<4.23	<4.00
1,3,5-Trimethylbenzene	ug/kg	8,400	<1.86	<4.82	<4.56
tert-Butylbenzene	ug/kg	5,900	<2.18	<5.64	<5.34
1,2,4-Trimethylbenzene	ug/kg	3,600	<2.13	12.9	13
sec-Butylbenzene	ug/kg	11,000	<1.88	<4.88	<4.61
p-Isopropyltoluene	ug/kg	--	<1.79	25	21.3
n-Butylbenzene	ug/kg	12,000	<2.02	<5.23	<4.95
Naphthalene	ug/kg	--	<2.77	<7.17	<6.78
			0	37.9	34.3
% Solids	%		88	85.1	90

FORMER CIBRO BROTHERS TERMINAL SITE
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TABLE 7

EX SITU OXIDATION - PHASE 2 PRE TREATMENT AND POST TREATMENT SAMPLING RESULTS

			Pre-Treatment		Post-Treatment	
Treatment Batch					1	2
Reagent Dosage					0.1X	0.2X
Pug Mill Runs					1	1
Collected Date			12/18/06	12/18/06	12/18/06	12/18/06
Sample Name			RS-1,7,8	RS-1,7,8	OTC-6	OTC-7
Analyte	Units	Track 1 SCO	Pre-screened	Screened		
TPH						
Diesel Range Organics	mg/kg	--	63.1	7890	1890	1970
Gasoline Range Organics	mg/kg	--	<0.48	17.3	7.02	9.03
SVOCs						
Naphthalene	ug/kg	12,000	220	<37.4	<40.1	<39.8
Acenaphthene	ug/kg	20,000	535	1790	536	243
Fluorene	ug/kg	30,000	768	1870	707	340
Phenanthrene	ug/kg	100,000	5180	2990	2490	965
Anthracene	ug/kg	100,000	1710	<26.4	766	333
Fluoranthene	ug/kg	100,000	8340	558	3040	1510
Pyrene	ug/kg	100,000	7590	1040	2850	1520
Benzo(a)anthracene	ug/kg	1,000	**3580**	153	**1160**	634
Chrysene	ug/kg	1,000	**3540**	211	**1210**	687
Benzo(b)fluoranthene	ug/kg	1,000	2860	121	936	557
Benzo(k)fluoranthene	ug/kg	800	**2740**	109	**859**	557
Benzo(a)pyrene	ug/kg	1,000	**3530**	137	**1040**	655
Indeno(1,2,3-cd)pyrene	ug/kg	500	**1560**	67.7	466	303
Dibenzo(a,h)anthracene	ug/kg	330	**551**	<18.7	171	92.2
Benzo(g,h,i)perylene	ug/kg	100,000	1670	99.8	515	317
Acenaphthylene	ug/kg	100,000	219	<26.4	<28.3	<28.1
VOCs						
MTBE	ug/kg	930	<2.76	<1.11	<2.94	<2.93
Benzene	ug/kg	60	<2.76	<1.11	<2.94	<2.93
Toluene	ug/kg	700	<2.09	<0.84	<2.23	<2.23
Ethylbenzene	ug/kg	1,000	<2.37	<0.95	<2.53	<2.52
m,p-xylene	ug/kg	260	<5.51	<2.21	<5.88	<5.86
o-xylene	ug/kg	260	<4.13	<1.66	<4.41	<4.39
Xylenes(Total)	ug/kg	--	<4.85	<1.94	<5.17	<5.16
Isopropylbenzene	ug/kg	--	<3.47	<1.39	<3.70	<3.69
n-Propylbenzene	ug/kg	3,900	<3.97	<1.59	<4.23	<4.22
1,3,5-Trimethylbenzene	ug/kg	8,400	18.3	<1.81	<4.82	7.07
tert-Butylbenzene	ug/kg	5,900	8.09	<2.12	<5.64	<5.63
1,2,4-Trimethylbenzene	ug/kg	3,600	7.17	<2.08	<5.53	<5.51
sec-Butylbenzene	ug/kg	11,000	<4.57	<1.83	<4.88	<4.86
p-Isopropyltoluene	ug/kg	--	24.2	<1.75	8.39	8.76
n-Butylbenzene	ug/kg	12,000	<4.90	<1.97	<5.23	<5.22
Naphthalene	ug/kg	--	<6.72	<2.70	<7.17	<7.15
			57.76	0	8.39	15.83
% Solids	%		90.8	90.7	85.1	85.3

Notes:
X = Manufacturer's Recommended Reagent Dosage
Samples analyzed by ETL of Farmingdale, NY
Concentrations shown in bold exceed Track 1 SCO
-- No standard
NA Not Analyzed

FORMER CIBRO BROTHERS TERMINAL SITE
ISLAND PARK, NEW YORK

TABLE 8

EX SITU OXIDATION - PHASE 3 PRE TREATMENT AND POST TREATMENT SAMPLING RESULTS - SVOC

Collected Date: / Sample Name: / Analyte	Track 1 SCO	06/22/07 COMP1	07/09/07 Pile 1 (1)	07/09/07 Pile 1 (2)	06/22/07 COMP2	07/09/07 Pile 2 (1)	07/09/07 Pile 2(2)	06/22/07 COMP3	07/09/07 Pile 3 (1)	07/09/07 Pile 3 (2)
1,2,4-Trichlorobenzene	--	<17.2	<24.6	<25.0	<43.4	<25.0	<24.3	<17.3	<24.9	<25.6
1,2-Dichlorobenzene	--	<21.9	<31.3	<31.8	<55.3	<31.8	<31.0	<22.1	<31.7	<32.6
1,2-Diphenylhydrazine	--	<21.8	<31.1	<31.6	<54.9	<31.6	<30.8	<21.9	<31.4	<32.4
1,3-Dichlorobenzene	--	<17.7	<25.2	<25.6	<44.6	<25.7	<25.0	<17.8	<25.5	<26.3
1,4-Dichlorobenzene	--	<14.3	<20.4	<20.7	<36.0	<20.7	<20.2	<14.4	<20.6	<21.2
2,3,4,6-Tetrachlorophenol	--	<29.6	<42.3	<42.9	<74.6	<43.0	<41.8	<29.8	<42.7	<44.0
2,4,5-Trichlorophenol	--	<26.0	<37.1	<37.6	<65.4	<37.7	<36.7	<26.1	<37.5	<38.6
2,4,6-Trichlorophenol	--	<21.2	<30.2	<30.7	<53.4	<30.7	<29.9	<21.3	<30.6	<31.5
2,4-Dichlorophenol	--	<18.6	<26.5	<27.0	<46.9	<27.0	<26.3	<18.7	<26.8	<27.6
2,4-Dimethylphenol	--	<15.3	<21.9	<22.2	<38.7	<22.2	<21.7	<15.4	<22.1	<22.8
2,4-Dinitrophenol	--	<115	<165	<167	<291	<167	<163	<116	<166	<171
2,4-Dinitrotoluene	--	<14.5	<20.7	<21.0	<36.5	<21.0	<20.5	<14.6	<20.9	<21.5
2,6-Dinitrotoluene	--	<16.5	<23.5	<23.9	<41.5	<23.9	<23.3	<16.6	<23.8	<24.5
2-Chloronaphthalene	--	<20.2	<28.8	<29.3	<50.9	<29.3	<28.5	<20.3	<29.1	<30.0
2-Chlorophenol	--	<23.9	<34.1	<34.7	<60.3	<34.7	<33.8	<24.1	<34.5	<35.5
2-Methylnaphthalene	--	13,100	119	130	10,800	109	115	10,500	148	1260
2-Methylphenol	--	<19.4	<27.7	<28.2	<49.0	<28.2	<27.4	<19.5	<28.0	<28.9
2-Nitroaniline	--	<17.2	<24.6	<25.0	<43.4	<25.0	<24.3	<17.3	<24.9	<25.6
2-Nitrophenol	--	<16.6	<23.7	<24.1	<41.9	<24.1	<23.5	<16.7	<24.0	<24.7
3,3'-Dichlorobenzidine	--	<38.0	<54.2	<55.0	<95.7	<55.1	<53.6	<38.2	<54.8	<56.4
3+4-Methylphenol	--	<23.8	<34.0	<34.5	<60.1	<34.6	<33.7	<24.0	<34.4	<35.4
3-Nitroaniline	--	<29.2	<41.6	<42.2	<73.5	<42.3	<41.2	<29.3	<42.1	<43.3
4,6-Dinitro-2-methylphenol	--	<333	<475	<482	<838	<482	<469	<334	<480	<494
4-Bromophenyl phenyl ether	--	<28.6	<40.8	<41.5	<72.1	<41.5	<40.4	<28.8	<41.3	<42.5
4-Chloro-3-methylphenol	--	<34.9	<49.7	<50.5	<87.8	<50.6	<49.2	<35.1	<50.3	<51.7
4-Chloroaniline	--	<21.7	<31.0	<31.5	<54.7	<31.5	<30.7	<21.8	<31.3	<32.2
4-Chlorophenyl phenyl ether	--	<19.1	<27.3	<27.7	<48.2	<27.8	<27.0	<19.2	<27.6	<28.4
4-Nitroaniline	--	<36.5	<52.1	<52.9	<92.0	<53.0	<51.6	<36.7	<52.7	<54.2
4-Nitrophenol	--	<37.8	<54.0	<54.8	<95.3	<54.8	<53.4	<38.0	<54.5	<56.1
Acenaphthene	20,000	864	<26.4	<26.8	863	<26.9	<26.2	<18.6	<26.7	432
Acenaphthylene	100,000	<22.3	<31.9	<32.3	153	<32.4	<31.5	<22.5	<32.2	<33.1
Aniline	--	<24.1	<34.3	<34.9	<60.7	<34.9	<34.0	<24.2	<34.7	<35.7
Anthracene	100,000	404	<37.4	<38.0	589	<38.0	<37.0	366	<37.8	<38.9
Benzidine	--	<790	<1130	<1140	<1990	<1150	<1110	<794	<1140	<1170
Benzo(a)anthracene	1,000	183	195	167	230	232	215	214	257	301
Benzo(a)pyrene	1,000	180	215	202	200	262	237	211	275	296
Benzo(b)fluoranthene	1,000	206	236	194	218	274	251	229	249	305
Benzo(g,h,i)perylene	100,000	112	120	159	129	145	169	98.4	117	187
Benzo(k)fluoranthene	800	145	185	185	214	246	224	199	238	262
Benzoic acid	--	<1970	<2810	<2850	<4960	<2850	<2780	<1980	<2840	<2920

FORMER CIBRO BROTHERS TERMINAL SITE
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TABLE 8

EX SITU OXIDATION - PHASE 3 PRE TREATMENT AND POST TREATMENT SAMPLING RESULTS - SVOC

Collected Date: / Sample Name: / Analyte	Track 1 SCO	06/22/07 COMP1	07/09/07 Pile 1 (1)	07/09/07 Pile 1 (2)	06/22/07 COMP2	07/09/07 Pile 2 (1)	07/09/07 Pile 2(2)	06/22/07 COMP3	07/09/07 Pile 3 (1)	07/09/07 Pile 3 (2)
Benzyl alcohol	--	<18.7	<26.7	<27.1	<47.1	<27.1	<26.4	<18.8	<26.9	<27.7
bis(2-Chloroethoxy)methane	--	<25.1	<35.8	<36.3	<63.1	<36.3	<35.4	<25.2	<36.1	<37.2
bis(2-Chloroethyl)ether	--	<20.8	<29.7	<30.1	<52.4	<30.2	<29.4	<20.9	<30.0	<30.9
bis(2-Chloroisopropyl)ether	--	<18.1	<25.8	<26.2	<45.5	<26.2	<25.5	<18.2	<26.1	<26.8
bis(2-Ethylhexyl)phthalate	--	345	342	350	305	285	337	311	309	379
Butyl benzyl phthalate	--	<29.9	<42.7	<43.3	<75.4	<43.4	<42.2	<30.1	<43.2	53.4
Carbazole	--	<62.3	<88.8	<90.2	<157	<90.3	<87.9	140	<89.8	<92.4
Chrysene	1,000	247	240	235	290	272	290	264	312	350
Cresols	--	<558	<61.7	<62.7	<109	<62.8	<61.1	<562	<62.4	<64.3
Dibenz(a,h)anthracene	330	<39.6	<56.6	<57.4	<99.9	<57.5	58.3	<39.9	<57.2	<58.9
Dibenzofuran	--	<26.7	<38.0	<38.6	838	<38.7	<37.6	<26.8	<38.4	<39.6
Diethyl phthalate	--	<21.9	<31.3	<31.8	<55.3	<31.8	<31.0	<22.1	<31.7	<32.6
Dimethyl phthalate	--	<22.0	<31.4	<31.9	<55.5	<31.9	<31.1	<22.1	<31.8	<32.7
Di-n-butyl phthalate	--	<30.8	<44.0	<44.7	<77.7	<44.7	<43.5	<31.0	<44.5	<45.8
Di-n-octyl phthalate	--	<30.3	<43.2	<43.9	<76.3	<43.9	44.3	<30.5	<43.7	<45.0
Fluoranthene	100,000	681	504	482	878	464	686	724	697	733
Fluorene	30,000	1,660	<28.7	<29.2	1,570	<29.2	<28.4	1,460	<29.0	619
Hexachlorobenzene	--	<30.4	<43.4	<44.1	<76.7	<44.2	<43.0	<30.6	<43.9	<45.2
Hexachlorobutadiene	--	<21.9	<31.2	<31.7	<55.1	<31.7	<30.9	<22.0	<31.5	<32.5
Hexachlorocyclopentadiene	--	<5.65	<8.06	<8.18	<14.2	<8.19	<7.97	<5.68	<8.15	<8.39
Hexachloroethane	--	<16.6	<23.6	<24.0	<41.7	<24.0	<23.4	<16.6	<23.9	<24.6
Indeno(1,2,3-cd)pyrene	500	103	103	120	104	123	137	96	132	158
Isophorone	--	<19.0	<27.1	<27.5	<47.8	<27.5	<26.8	<19.1	<27.4	<28.2
Naphthalene	12,000	3,600	<33.7	<34.2	3,140	<34.3	<33.3	2,960	<34.1	<35.1
Nitrobenzene	--	<27.9	<39.8	<40.4	<70.2	<40.4	<39.3	<28.0	<40.2	<41.4
N-Nitrosodimethylamine	--	<21.7	<31.0	<31.5	<54.7	<31.5	<30.7	<21.8	<31.3	<32.2
N-Nitrosodi-n-propylamine	--	<16.0	<22.9	<23.2	<40.4	<23.2	<22.6	<16.1	<23.1	<23.8
N-Nitrosodiphenylamine	--	<25.4	<36.2	<36.7	<63.9	<36.8	<35.8	<25.5	<36.6	<37.7
Pentachlorophenol	800	<405	<577	<586	<1020	<587	<571	<407	<584	<601
Phenanthrene	100,000	3,390	<37.3	179	3,600	212	254	2,970	442	1170
Phenol	330	<46.8	<66.8	<67.9	<118	<68.0	<66.1	<47.1	<67.6	<69.6
Pyrene	100,000	534	543	477	705	562	617	583	629	684
Pyridine	--	<30.8	<43.9	<44.6	<77.5	<44.6	<43.4	<30.9	<44.4	<45.7

NOTES:
Samples analyzed by ETL of Farmingdale, NY
Concentrations shown in bold exceed Track 1 SCO
All concentrations shown are ug/kg
-- No standard

FORMER CIBRO BROTHERS TERMINAL SITE
ISLAND PARK, NEW YORK

TABLE 8

EX SITU OXIDATION - PHASE 3 PRE TREATMENT AND POST TREATMENT SAMPLING RESULTS - SVOC

Collected Date: / Sample Name:	Track 1 SCO	06/22/07 COMP4	07/09/07 Pile 4 (1)	07/09/07 Pile 4 (2)	06/22/07 COMP5	07/09/07 Pile 5 (1)	07/09/07 Pile 5 (2)
Analyte							
1,2,4-Trichlorobenzene	--	<17.6	<24.9	<24.9	<17.2	<24.8	<25.2
1,2-Dichlorobenzene	--	<22.5	<31.7	<31.7	<21.9	<31.6	<32.1
1,2-Diphenylhydrazine	--	<22.3	<31.4	<31.5	<21.8	<31.3	<31.9
1,3-Dichlorobenzene	--	<18.1	<25.5	<25.6	<17.7	<25.4	<25.9
1,4-Dichlorobenzene	--	<14.6	<20.6	<20.6	<14.3	<20.5	<20.9
2,3,4,6-Tetrachlorophenol	--	<30.3	<42.7	<42.8	<29.6	<42.6	<43.3
2,4,5-Trichlorophenol	--	<26.6	<37.5	<37.5	<26.0	<37.3	<38.0
2,4,6-Trichlorophenol	--	<21.7	<30.6	<30.6	<21.2	<30.5	<31.0
2,4-Dichlorophenol	--	<19.0	<26.8	<26.9	<18.6	<26.7	<27.2
2,4-Dimethylphenol	--	<15.7	<22.1	<22.2	<15.3	<22.1	<22.4
2,4-Dinitrophenol	--	<118	<166	<167	<115	<166	<169
2,4-Dinitrotoluene	--	<14.8	<20.9	<21.0	<14.5	<20.9	<21.2
2,6-Dinitrotoluene	--	<16.9	<23.8	<23.8	<16.5	<23.7	<24.1
2-Chloronaphthalene	--	<20.7	<29.1	<29.2	<20.2	<29.0	<29.6
2-Chlorophenol	--	<24.5	<34.5	<34.6	<23.9	<34.4	<35.0
2-Methylnaphthalene	--	11,500	228	134	11,800	172	1430
2-Methylphenol	--	<19.9	<28.0	<28.1	<19.4	<27.9	<28.4
2-Nitroaniline	--	<17.6	<24.9	<24.9	<17.2	<24.8	<25.2
2-Nitrophenol	--	<17.0	<24.0	<24.0	<16.6	<23.9	<24.3
3,3'-Dichlorobenzidine	--	<38.9	<54.8	<54.9	<38.0	<54.6	<55.6
3+4-Methylphenol	--	<24.4	<34.4	<34.5	<23.8	<34.3	<34.9
3-Nitroaniline	--	<29.8	<42.1	<42.2	<29.2	<41.9	<42.7
4,6-Dinitro-2-methylphenol	--	<340	<480	<481	<333	<478	<487
4-Bromophenyl phenyl ether	--	<29.3	<41.3	<41.4	<28.6	<41.2	<41.9
4-Chloro-3-methylphenol	--	<35.7	<50.3	<50.4	<34.9	<50.1	<51.0
4-Chloroaniline	--	<22.2	<31.3	<31.4	<21.7	<31.2	<31.8
4-Chlorophenyl phenyl ether	--	<19.6	<27.6	<27.7	<19.1	<27.5	<28.0
4-Nitroaniline	--	<37.4	<52.7	<52.8	<36.5	<52.5	<53.4
4-Nitrophenol	--	<38.7	<54.5	<54.7	<37.8	<54.4	<55.3
Acenaphthene	20,000	745	<26.7	<26.8	793	475	299
Acenaphthylene	100,000	<22.8	<32.2	<32.3	<22.3	<32.1	<32.7
Aniline	--	<24.6	<34.7	<34.8	<24.1	<34.6	<35.2
Anthracene	100,000	341	<37.8	<37.9	456	<37.7	<38.3
Benzidine	--	<808	<1140	<1140	<790	<1140	<1160
Benzo(a)anthracene	1,000	205	201	174	333	176	92.3
Benzo(a)pyrene	1,000	198	215	177	294	174	91.1
Benzo(b)fluoranthene	1,000	221	279	173	346	188	100
Benzo(g,h,i)perylene	100,000	87	85.9	119	103	90.6	60.8
Benzo(k)fluoranthene	800	192	168	163	277	163	83.1
Benzoic acid	--	<2010	<2840	<2840	<1970	<2830	<2880

FORMER CIBRO BROTHERS TERMINAL SITE
ISLAND PARK, NEW YORK

TABLE 8

EX SITU OXIDATION - PHASE 3 PRE TREATMENT AND POST TREATMENT SAMPLING RESULTS - SVOC

Collected Date: / Sample Name: / Analyte	Track 1 SCO	06/22/07 COMP4	07/09/07 Pile 4 (1)	07/09/07 Pile 4 (2)	06/22/07 COMP5	07/09/07 Pile 5 (1)	07/09/07 Pile 5 (2)
Benzyl alcohol	--	<19.1	<26.9	<27.0	<18.7	<26.9	<27.3
bis(2-Chloroethoxy)methane	--	<25.6	<36.1	<36.2	<25.1	<36.0	<36.7
bis(2-Chloroethyl)ether	--	<21.3	<30.0	<30.1	<20.8	<29.9	<30.4
bis(2-Chloroisopropyl)ether	--	<18.5	<26.1	<26.1	<18.1	<26.0	<26.4
bis(2-Ethylhexyl)phthalate	--	300	448	360	320	352	202
Butyl benzyl phthalate	--	<30.6	<43.2	<43.2	<29.9	<43.0	<43.8
Carbazole	--	98.1	<89.8	<90.0	<62.3	<89.5	<91.1
Chrysene	1,000	253	256	215	383	222	117
Cresols	--	<487	<62.4	<62.6	<475	<62.2	<63.3
Dibenz(a,h)anthracene	330	44.6	<57.2	<57.3	<39.6	<57.0	<58.0
Dibenzofuran	--	<27.3	<38.4	<38.5	<26.7	<38.3	<39.0
Diethyl phthalate	--	<22.5	<31.7	<31.7	<21.9	<31.6	<32.1
Dimethyl phthalate	--	<22.5	<31.8	<31.8	<22.0	<31.7	<32.2
Di-n-butyl phthalate	--	<31.5	<44.5	<44.6	<30.8	<44.3	<45.1
Di-n-octyl phthalate	--	<31.0	<43.7	<43.8	<30.3	<43.6	<44.3
Fluoranthene	100,000	669	607	489	1,080	616	326
Fluorene	30,000	1,480	<29.0	<29.1	1,580	800	469
Hexachlorobenzene	--	<31.2	<43.9	<44.0	<30.4	<43.8	<44.6
Hexachlorobutadiene	--	<22.4	<31.5	<31.6	<21.9	<31.4	<32.0
Hexachlorocyclopentadiene	--	<5.78	<8.15	<8.17	<5.65	<8.12	<8.27
Hexachloroethane	--	<16.9	<23.9	<23.9	<16.6	<23.8	<24.2
Indeno(1,2,3-cd)pyrene	500	81.7	83.4	101	113	86.4	52.7
Isophorone	--	<19.4	<27.4	<27.4	<19.0	<27.3	<27.8
Naphthalene	12,000	2,930	218	<34.1	2,830	<34.0	547
Nitrobenzene	--	<28.5	<40.2	<40.3	<27.9	<40.1	<40.8
N-Nitrosodimethylamine	--	<22.2	<31.3	<31.4	<21.7	<31.2	<31.8
N-Nitrosodi-n-propylamine	--	<16.4	<23.1	<23.2	<16.0	<23.0	<23.4
N-Nitrosodiphenylamine	--	<26.0	<36.6	<36.7	<25.4	<36.5	<37.1
Pentachlorophenol	800	<414	<584	<585	<405	<582	<592
Phenanthrene	100,000	2,950	403	<37.8	3,330	1540	880
Phenol	330	<47.9	<67.6	<67.7	<46.8	<67.4	<68.6
Pyrene	100,000	548	638	502	850	550	306
Pyridine	--	<31.5	<44.4	<44.5	<30.8	<44.2	<45.0

NOTES:
Samples analyzed by ETL of Farmingdale, NY
Concentrations shown in bold exceed Track 1 SCO
All concentrations shown are ug/kg
-- No standard

FORMER CIBRO BROTHERS TERMINAL SITE
ISLAND PARK, NEW YORK

TABLE 9

EX SITU OXIDATION - PHASE 3 PRE TREATMENT AND POST TREATMENT SAMPLING RESULTS - VOC

Collected Date: / Sample Name:	Track 1 SCO	06/22/07 COMP1	07/09/07 Pile 1 (1)	07/09/07 Pile 1 (2)	06/22/07 COMP2	07/09/07 Pile 2 (1)	07/09/07 Pile 2(2)	06/22/07 COMP3	07/09/07 Pile 3 (1)	07/09/07 Pile 3 (2)
Analyte										
1,1,1,2-Tetrachloroethane	--	<0.90	<1.71	<1.74	<0.91	<1.74	<1.69	<0.91	<4.33	<1.78
1,1,1-Trichloroethane	680	<0.57	<1.09	<1.10	<0.57	<1.10	<1.07	<0.57	<2.74	<1.13
1,1,2,2-Tetrachloroethane	--	<1.63	<3.10	<3.15	<1.64	<3.15	<3.06	<1.64	<7.84	<3.22
1,1,2-Trichloroethane	--	<1.00	<1.91	<1.94	<1.01	<1.94	<1.88	<1.01	<4.82	<1.98
1,1,2-Trichlorotrifluoroethane	--	<0.84	<1.61	<1.63	<0.85	<1.63	<1.58	<0.85	<4.06	<1.66
1,1-Dichloroethane	270	<0.50	<0.95	<0.97	<0.51	<0.97	<0.94	<0.51	<2.41	<0.99
1,1-Dichloroethene	330	<0.79	<1.50	<1.52	<0.79	<1.52	<1.48	<0.79	<3.78	<1.55
1,1-Dichloropropene	--	<1.20	<2.28	<2.31	<1.21	<2.31	<2.25	<1.21	<5.75	<2.36
1,2,3-Trichlorobenzene	--	<1.17	<2.24	<2.27	<1.18	<2.27	<2.20	<1.18	<5.64	<2.32
1,2,3-Trichloropropane	--	<11.4	<4.36	<4.42	<2.31	<4.42	<4.30	<2.31	<11.0	<4.52
1,2,4,5-Tetramethylbenzene	--	3,360	3.55	<2.40	571	4.53	6.77	510	117	33.5
1,2,4-Trichlorobenzene	--	<1.14	<2.17	<2.20	<1.15	<2.20	<2.14	<1.15	<5.48	<2.25
1,2,4-Trimethylbenzene	3,600	**5,890**	<2.04	<2.07	**4,920**	<2.07	<2.01	**5,480**	<5.15	<2.12
1,2-Dibromo-3-chloropropane	--	<2.61	<4.97	<5.04	<2.63	<5.04	<4.90	<2.63	<12.5	<5.15
1,2-Dibromoethane	--	<0.84	<1.61	<1.63	<0.85	<1.63	<1.58	<0.85	<4.06	<1.66
1,2-Dichlorobenzene	1,100	<1.35	<2.56	<2.60	<1.36	<2.60	<2.53	<1.36	<6.47	<2.65
1,2-Dichloroethane	20	<0.65	<1.24	<1.25	<0.66	<1.25	<1.22	<0.66	<3.12	<1.28
1,2-Dichloropropane	--	<0.43	<0.82	<0.84	<0.44	<0.84	<0.81	<0.44	<2.08	<0.86
1,3,5-Trimethylbenzene	8,400	655	<1.78	<1.80	359	<1.80	<1.75	309	43.9	17.4
1,3-Dichlorobenzene	2,400	<1.13	<2.15	<2.18	<1.14	<2.18	<2.12	<1.14	<5.43	<2.23
1,3-Dichloropropane	--	<0.62	<1.17	<1.19	<0.62	<1.19	<1.16	<0.62	<2.96	<1.22
1,4-Dichlorobenzene	1,800	<1.17	<2.24	<2.27	<1.18	<2.27	<2.20	<1.18	<5.64	<2.32
2,2-Dichloropropane	--	<0.88	<1.67	<1.69	<0.89	<1.69	<1.65	<0.89	<4.22	<1.73
2-Butanone	120	6.14	<6.86	<6.95	4.89	<6.95	<6.76	5.82	<17.3	<7.11
2-Chloroethylvinylether	--	<3.86	<7.36	<7.46	<3.90	<7.46	<7.25	<3.90	<18.6	<7.63
2-Chlorotoluene	--	<1.01	<1.93	<1.96	<1.02	<1.96	<1.90	<1.02	<4.88	<2.00
2-Hexanone	--	<1.98	<3.78	<3.83	<2.00	<3.83	<3.72	<2.00	<9.54	<3.91
4-Chlorotoluene	--	<1.12	<2.13	<2.16	<1.13	<2.16	<2.10	<1.13	<5.37	<2.20
4-Isopropyltoluene	--	63.8	<1.71	<1.74	70.2	<1.74	<1.69	87.5	21.4	<1.78
4-Methyl-2-pentanone	--	<2.21	<4.21	<4.27	<2.23	<4.27	<4.15	<2.23	<10.6	<4.36
Acetone	50	33.4	14.8	16.2	28.5	14.6	14.2	30.6	<27.7	<11.4
Acrylonitrile	--	<6.99	<13.3	<13.5	<7.05	<13.5	<13.1	<7.05	<33.6	<13.8
Benzene	60	9.92	<1.09	<1.10	6.06	<1.10	<1.07	6.96	<2.74	<1.13
Bromobenzene	--	<0.92	<1.76	<1.78	<0.93	<1.78	<1.73	<0.93	<4.44	<1.82
Bromochloromethane	--	<1.14	<2.17	<2.20	<1.15	<2.20	<2.14	<1.15	<5.48	<2.25
Bromodichloromethane	--	<0.49	<0.93	<0.95	<0.49	<0.95	<0.92	<0.49	<2.36	<0.97
Bromoform	--	<1.29	<2.45	<2.49	<1.30	<2.49	<2.42	<1.30	<6.19	<2.54
Bromomethane	--	<0.59	<1.13	<1.14	<0.60	<1.14	<1.11	<0.60	<2.85	<1.17
c-1,2-Dichloroethene	--	<0.62	<1.17	<1.19	<0.62	<1.19	<1.16	<0.62	<2.96	<1.22

FORMER CIBRO BROTHERS TERMINAL SITE
ISLAND PARK, NEW YORK

TABLE 9

EX SITU OXIDATION - PHASE 3 PRE TREATMENT AND POST TREATMENT SAMPLING RESULTS - VOC

Collected Date: / Sample Name: / Analyte	Track 1 SCO	06/22/07 COMP1	07/09/07 Pile 1 (1)	07/09/07 Pile 1 (2)	06/22/07 COMP2	07/09/07 Pile 2 (1)	07/09/07 Pile 2(2)	06/22/07 COMP3	07/09/07 Pile 3 (1)	07/09/07 Pile 3 (2)
c-1,3-Dichloropropene	--	<0.56	<1.06	<1.08	<0.56	<1.08	<1.05	<0.56	<2.69	<1.10
Carbon disulfide	--	3.05	<2.71	<2.75	3.21	<2.75	<2.67	<1.44	<6.85	<2.81
Carbon Tetrachloride	760	<0.65	<1.24	<1.25	<0.66	<1.25	<1.22	<0.66	<3.12	<1.28
Chlorobenzene	1,100	<0.58	<1.11	<1.12	<0.59	<1.12	<1.09	<0.59	<2.79	<1.15
Chlorodifluoromethane	--	<0.74	<1.41	<1.43	<0.75	<1.43	<1.39	<0.75	<3.56	<1.46
Chloroethane	--	<1.45	<2.76	<2.79	<1.46	<2.79	<2.72	<1.46	<6.96	<2.86
Chloroform	370	<0.54	<1.02	<1.03	<0.54	<1.03	<1.01	<0.54	<2.58	<1.06
Chloromethane	--	<0.44	<0.85	<0.86	<0.45	<0.86	<0.83	<0.45	<2.14	<0.88
Dibromochloromethane	--	<0.82	<1.56	<1.58	<0.83	<1.58	<1.54	<0.83	<3.95	<1.62
Dibromomethane	--	<0.57	<1.09	<1.10	<0.57	<1.10	<1.07	<0.57	<2.74	<1.13
Dichlorodifluoromethane	--	<0.60	<1.15	<1.17	<0.61	<1.17	<1.13	<0.61	<2.90	<1.19
Ethylbenzene	1,000	158	<0.93	<0.95	132	<0.95	<0.92	165	<2.36	<0.97
Hexachlorobutadiene	--	<1.13	<2.15	<2.18	<1.14	<2.18	<2.12	<1.14	<5.43	<2.23
Isopropylbenzene	--	55	<1.37	<1.39	51.4	<1.39	<1.35	63.2	<3.45	<1.42
m,p-xylene	260	205	<2.17	<2.20	177	<2.20	<2.14	218	<5.48	<2.25
Methyl t-butyl ether	930	<0.57	<1.09	<1.10	<0.57	<1.10	<1.07	<0.57	<2.74	<1.13
Methylene Chloride	50	<0.97	<1.84	<1.87	2.39	<1.87	<1.82	2.59	<4.66	<1.91
Naphthalene	--	5410	<2.65	<2.68	4940	<2.68	<2.61	5410	<6.69	<2.74
n-Butylbenzene	12,000	108	<1.93	<1.96	121	<1.96	<1.90	148	<4.88	<2.00
n-Propylbenzene	3,900	130	<1.56	<1.58	131	<1.58	<1.54	165	<3.95	<1.62
o-xylene	260	23.1	<1.63	<1.65	19.9	<1.65	<1.61	24.6	<4.11	<1.69
p-Diethylbenzene	--	<1.13	<2.15	<2.18	<1.14	<2.18	<2.12	<1.14	<5.43	<2.23
p-Ethyltoluene	--	723	<2.00	<2.02	394	<2.02	<1.97	338	<5.04	<2.07
sec-Butylbenzene	11,000	70.7	<1.80	<1.83	75.2	<1.83	<1.78	93.8	<4.55	<1.87
Styrene	--	<0.84	<1.61	<1.63	<0.85	<1.63	<1.58	<0.85	<4.06	<1.66
t-1,2-Dichloroethene	190	<0.48	<0.91	<0.92	<0.48	<0.92	<0.90	<0.48	<2.30	<0.94
t-1,3-Dichloropropene	--	<0.56	<1.06	<1.08	<0.56	<1.08	<1.05	<0.56	<2.69	<1.10
TAME	--	<2.39	<4.56	<4.62	<2.41	<4.62	<4.49	<2.41	<11.5	<4.72
tert-Butylbenzene	5,900	<1.09	<2.08	<2.11	<1.10	<2.11	<2.05	<1.10	7.16	<2.16
Tertiary butyl alcohol	--	<19.8	<37.8	<38.3	<20.0	<38.3	<37.2	<20.0	<95.4	<39.2
Tetrachloroethene	1,300	<0.66	<1.26	<1.28	<0.67	<1.28	<1.24	<0.67	<3.18	<1.30
Toluene	700	2.12	<0.82	<0.84	1.48	<0.84	<0.81	1.77	<2.08	<0.86
Trichloroethene	470	<0.41	<0.78	<0.79	<0.41	<0.79	<0.77	<0.41	<1.97	<0.81
Trichlorofluoromethane	--	<0.73	<1.39	<1.41	<0.74	<1.41	<1.37	<0.74	<3.51	<1.44
Vinyl Chloride	20	<0.67	<1.28	<1.30	<0.68	<1.30	<1.26	<0.68	<3.23	<1.33

NOTES:
Samples analyzed by ETL of Farmingdale, NY
Concentrations shown in bold exceed Track 1 SCO
All concentrations shown are ug/kg
-- No standard

FORMER CIBRO BROTHERS TERMINAL SITE
ISLAND PARK, NEW YORK

TABLE 9

EX SITU OXIDATION - PHASE 3 PRE TREATMENT AND POST TREATMENT SAMPLING RESULTS - VOC

Collected Date: / Sample Name:	Track 1 SCO	06/22/07 COMP4	07/09/07 Pile 4 (1)	07/09/07 Pile 4 (2)	06/22/07 COMP5	07/09/07 Pile 5 (1)	07/09/07 Pile 5 (2)
Analyte							
1,1,1,2-Tetrachloroethane	--	<0.92	<1.73	<4.34	<0.90	<4.31	<4.39
1,1,1-Trichloroethane	680	<0.58	<1.10	<2.74	<0.57	<2.73	<2.78
1,1,2,2-Tetrachloroethane	--	<1.67	<3.13	<7.85	<1.63	<7.81	<7.95
1,1,2-Trichloroethane	--	<1.03	<1.93	<4.83	<1.00	<4.80	<4.89
1,1,2-Trichlorotrifluoroethane	--	<0.87	<1.62	<4.06	<0.84	<4.04	<4.11
1,1-Dichloroethane	270	<0.51	<0.96	<2.42	<0.50	<2.40	<2.45
1,1-Dichloroethene	330	<0.81	<1.51	<3.79	<0.79	<3.77	<3.84
1,1-Dichloropropene	--	<1.23	<2.30	<5.76	<1.20	<5.73	<5.84
1,2,3-Trichlorobenzene	--	<1.21	<2.26	<5.65	<1.17	<5.62	<5.73
1,2,3-Trichloropropane	--	<2.35	<4.40	<11.0	<2.29	<11.0	<11.2
1,2,4,5-Tetramethylbenzene	--	596	<2.39	<5.98	668	259	250
1,2,4-Trichlorobenzene	--	<1.17	<2.19	<5.49	<1.14	<5.46	<5.56
1,2,4-Trimethylbenzene	3,600	**5,140**	<2.06	<5.16	**5,230**	<5.13	<5.23
1,2-Dibromo-3-chloropropane	--	<2.68	<5.02	<12.6	<2.61	<12.5	<12.7
1,2-Dibromoethane	--	<0.87	<1.62	<4.06	<0.84	<4.04	<4.11
1,2-Dichlorobenzene	1,100	<1.38	<2.58	<6.48	<1.35	<6.44	<6.56
1,2-Dichloroethane	20	<0.67	<1.25	<3.13	<0.65	<3.11	<3.17
1,2-Dichloropropane	--	<0.44	<0.83	<2.09	<0.43	<2.07	<2.11
1,3,5-Trimethylbenzene	8,400	395	<1.80	<4.50	140	171	173
1,3-Dichlorobenzene	2,400	<1.16	<2.17	<5.44	<1.13	<5.41	<5.50
1,3-Dichloropropane	--	<0.63	<1.18	<2.96	<0.62	<2.95	<3.00
1,4-Dichlorobenzene	1,800	<1.21	<2.26	<5.65	<1.17	<5.62	<5.73
2,2-Dichloropropane	--	<0.90	<1.69	<4.23	<0.88	<4.20	<4.28
2-Butanone	120	5.44	<6.92	<17.3	5.89	<17.3	<17.6
2-Chloroethylvinylether	--	<3.97	<7.42	<18.6	<3.86	<18.5	<18.8
2-Chlorotoluene	--	<1.04	<1.95	<4.89	<1.01	<4.86	<4.95
2-Hexanone	--	<2.04	<3.81	<9.55	<1.98	<9.50	<9.67
4-Chlorotoluene	--	<1.15	<2.15	<5.38	<1.12	<5.35	<5.45
4-Isopropyltoluene	--	72.5	<1.73	<4.34	50.5	8.18	28.4
4-Methyl-2-pentanone	--	<2.27	<4.25	<10.7	<2.21	<10.6	<10.8
Acetone	50	29.8	<11.1	<27.8	31.1	52	46.5
Acrylonitrile	--	<7.17	<13.4	<33.7	<6.99	<33.5	<34.1
Benzene	60	8.65	<1.10	<2.74	6.92	<2.73	<2.78
Bromobenzene	--	<0.95	<1.77	<4.45	<0.92	<4.42	<4.50
Bromochloromethane	--	<1.17	<2.19	<5.49	<1.14	<5.46	<5.56
Bromodichloromethane	--	<0.50	<0.94	<2.36	<0.49	<2.35	<2.39
Bromoform	--	<1.32	<2.47	<6.20	<1.29	<6.17	<6.28
Bromomethane	--	<0.61	<1.14	<2.85	<0.59	<2.84	<2.89
c-1,2-Dichloroethene	--	<0.63	<1.18	<2.96	<0.62	<2.95	<3.00

FORMER CIBRO BROTHERS TERMINAL SITE
ISLAND PARK, NEW YORK

TABLE 9

EX SITU OXIDATION - PHASE 3 PRE TREATMENT AND POST TREATMENT SAMPLING RESULTS - VOC

Collected Date: / Sample Name:	Track 1 SCO	06/22/07 COMP4	07/09/07 Pile 4 (1)	07/09/07 Pile 4 (2)	06/22/07 COMP5	07/09/07 Pile 5 (1)	07/09/07 Pile 5 (2)
Analyte							
c-1,3-Dichloropropene	--	<0.57	<1.07	<2.69	<0.56	<2.68	<2.72
Carbon disulfide	--	<1.46	<2.74	<6.86	<1.42	<6.82	<6.95
Carbon Tetrachloride	760	<0.67	<1.25	<3.13	<0.65	<3.11	<3.17
Chlorobenzene	1,100	<0.60	<1.12	<2.80	<0.58	<2.78	<2.84
Chlorodifluoromethane	--	<0.76	<1.42	<3.57	<0.74	<3.55	<3.61
Chloroethane	--	<1.49	<2.78	<6.97	<1.45	<6.93	<7.06
Chloroform	370	<0.55	<1.03	<2.58	<0.54	<2.57	<2.61
Chloromethane	--	<0.46	<0.85	<2.14	<0.44	<2.13	<2.17
Dibromochloromethane	--	<0.84	<1.58	<3.95	<0.82	<3.93	<4.00
Dibromomethane	--	<0.58	<1.10	<2.74	<0.57	<2.73	<2.78
Dichlorodifluoromethane	--	<0.62	<1.16	<2.91	<0.60	<2.89	<2.95
Ethylbenzene	1,000	139	<0.94	<2.36	111	<2.35	<2.39
Hexachlorobutadiene	--	<1.16	<2.17	<5.44	<1.13	<5.41	<5.50
Isopropylbenzene	--	52.9	<1.38	<3.46	39.9	<3.44	<3.50
m,p-xylene	260	185	<2.19	<5.49	146	<5.46	<5.56
Methyl t-butyl ether	930	<0.58	<1.10	<2.74	<0.57	<2.73	<2.78
Methylene Chloride	50	2.6	<1.86	5.48	<0.97	<4.64	<4.73
Naphthalene	--	5180	<2.67	<6.70	5430	<6.66	<6.78
n-Butylbenzene	12,000	126	<1.95	<4.89	85.2	<4.86	<4.95
n-Propylbenzene	3,900	135	<1.58	<3.95	93.3	<3.93	<4.00
o-xylene	260	21	<1.64	<4.12	16.5	<4.09	<4.17
p-Diethylbenzene	--	<1.16	<2.17	<5.44	<1.13	<5.41	<5.50
p-Ethyltoluene	--	438	<2.01	<5.05	162	<5.02	<5.12
sec-Butylbenzene	11,000	78.4	<1.82	<4.56	53.3	<4.53	<4.61
Styrene	--	<0.87	<1.62	<4.06	<0.84	<4.04	<4.11
t-1,2-Dichloroethene	190	<0.49	<0.92	<2.31	<0.48	<2.29	<2.34
t-1,3-Dichloropropene	--	<0.57	<1.07	<2.69	<0.56	<2.68	<2.72
TAME	--	<2.46	<4.60	<11.5	<2.39	<11.5	<11.7
tert-Butylbenzene	5,900	<1.12	<2.10	<5.27	<1.09	<5.24	<5.34
Tertiary butyl alcohol	--	<20.4	<38.1	<95.5	<19.8	<95.0	<96.7
Tetrachloroethene	1,300	<0.68	<1.27	<3.18	<0.66	<3.17	<3.22
Toluene	700	1.76	<0.83	<2.09	1.49	<2.07	<2.11
Trichloroethene	470	<0.42	<0.79	<1.98	<0.41	<1.97	<2.00
Trichlorofluoromethane	--	<0.75	<1.40	<3.51	<0.73	<3.49	<3.56
Vinyl Chloride	20	<0.69	<1.29	<3.24	<0.67	<3.22	<3.28

NOTES:
Samples analyzed by ETL of Farmingdale, NY
Concentrations shown in bold exceed Track 1 SCO
All concentrations shown are ug/kg
-- No standard

FORMER CIBRO BROTHERS TERMINAL SITE
ISLAND PARK, NEW YORK

TABLE 10

EX SITU OXIDATION - PHASE 3 PRE TREATMENT AND POST TREATMENT SAMPLING RESULTS - TPH

Collected Date:		06/22/07	07/09/07	07/09/07	06/22/07	07/09/07	07/09/07	06/22/07	07/09/07	07/09/07
Sample Name:		COMP1	Pile 1 (1)	Pile 1 (2)	COMP2	Pile 2 (1)	Pile 2(2)	COMP3	Pile 3 (1)	Pile 3 (2)
Analyte	Units									
THC by Mod 8100	mg/Kg	2540	1880	2650	2510	2480	2390	3010	2560	2780
GRO	mg/Kg	269	120	163	262	97.9	56.3	287	84.3	194

Collected Date:		06/22/07	07/09/07	07/09/07	06/22/07	07/09/07	07/09/07
Sample Name:		COMP4	Pile 4 (1)	Pile 4 (2)	COMP5	Pile 5 (1)	Pile 5 (2)
Analyte	Units						
THC by Mod 8100	mg/Kg	2780	2780	2710	2580	2690	2680
GRO	mg/Kg	295	147	60.8	265	120	113

NOTES:
Samples analyzed by ETL of Farmingdale, NY
Concentrations shown in bold exceed Track 1 SCO
-- No standard

FORMER CIBRO BROTHERS TERMINAL SITE
ISLAND PARK, NEW YORK

TABLE 11

NITRATE AMENDMENT - PRE TREATMENT AND POST TREATMENT SAMPLING RESULTS

Collected Date Sample Name Analyte	Units	NYSDEC Ambient Water Quality Standards	11/06/06 PTW-1	12/19/06 PTW-1	07/09/07 PTW-1	11/06/06 PTW-2	12/19/06 PTW-2	07/09/07 PTW-2
TPH								
Diesel Range Organics	mg/L	---	<0.15	NA	1.18	<0.11	NA	0.81
Gasoline Range Organics	mg/L	---	0.023	NA	<0.20	0.026	NA	<0.20
SVOCs								
Naphthalene	ug/L	10	<2.84	<0.78	<0.40	<3.12	<0.78	<0.40
Acenaphthene	ug/L	20	2.06	2.34	1.67	<3.40	0.34	0.46
Fluorene	ug/L	50	<2.88	0.61	<0.43	<3.16	<0.79	<0.43
Phenanthrene	ug/L	50	<3.02	0.23	<0.57	<3.32	<0.83	<0.57
Anthracene	ug/L	50	<3.35	<0.92	<0.58	<3.68	<0.92	<0.58
Fluoranthene	ug/L	50	<3.60	<0.99	<0.79	<3.96	<0.99	<0.79
Pyrene	ug/L	50	<3.60	<0.99	<0.79	<3.96	<0.99	<0.79
Benzo(a)anthracene	ug/L	0.002	<3.42	<0.94	<0.90	<3.76	<0.94	<0.90
Chrysene	ug/L	0.002	<3.42	<0.94	<0.90	<3.76	<0.94	<0.90
Benzo(b)fluoranthene	ug/L	0.002	<3.60	<0.99	<0.94	<3.96	<0.99	<0.94
Benzo(k)fluoranthene	ug/L	0.002	<3.42	<0.94	<1.01	<3.76	<0.94	<1.01
Benzo(a)pyrene	ug/L	0.002	<3.49	<0.96	<1.01	<3.84	<0.96	<1.01
Indeno(1,2,3-cd)pyrene	ug/L	0.002	<3.64	<1.00	<0.79	<4.00	<1.00	<0.79
Dibenzo(a,h)anthracene	ug/L	50	<3.31	<0.91	<0.81	<3.64	<0.91	<0.81
Benzo(g,h,i)perylene	ug/L	0.002	<3.13	<0.86	<0.84	<3.44	<0.86	<0.84
Acenaphthylene	ug/L	---	<3.31	<0.91	<0.37	<3.64	<0.91	<0.37
VOCs								
MTBE	ug/L	---	<0.74	<1.48	<1.48	<0.74	<1.48	<1.48
Benzene	ug/L	0.7	<0.73	<1.46	<1.46	**3.74**	**7.47**	<1.46
Toluene	ug/L	5	<0.55	<1.10	<1.10	<0.55	<1.10	<1.10
Ethylbenzene	ug/L	5	<0.70	<1.40	<1.40	<0.70	<1.40	<1.40
m,p-xylene	ug/L	5	<1.15	<2.30	<2.30	<1.15	<2.30	<2.30
o-xylene	ug/L	5	<0.68	<1.36	<1.36	<0.68	<1.36	<1.36
Xylenes(Total)	ug/L	---	<0.92	<1.84	NA	<1.83	<1.84	NA
Isopropylbenzene	ug/L	5	1.89	<1.28	<1.28	0.9	<1.28	<1.28
n-Propylbenzene	ug/L	5	3.15	<1.28	<1.28	1.04	<1.28	<1.28
1,3,5-Trimethylbenzene	ug/L	5	<0.56	<1.12	<1.12	<0.56	<1.12	<1.12
tert-Butylbenzene	ug/L	5	<0.56	<1.12	<1.12	<0.56	<1.12	<1.12
1,2,4-Trimethylbenzene	ug/L	5	<0.54	<1.08	<1.08	1.82	<1.08	<1.08
sec-Butylbenzene	ug/L	5	1.2	<1.16	<1.16	<0.58	<1.16	<1.16
p-Isopropyltoluene	ug/L	5	<0.54	<1.08	NA	<0.54	<1.08	NA
n-Butylbenzene	ug/L	5	1.46	<1.16	<1.16	<0.58	<1.16	<1.16
Naphthalene	ug/L	10	<0.62	<1.24	<1.24	1.04	<1.24	<1.24
Ammonia	mg/L	---	NA	5.92	NA	NA	47.7	NA
Nitrate	mg/L	---	1.06	0.97	NA	1.22	0.99	NA
TKN	mg/L	---	NA	6.73	NA	NA	49.5	NA

NOTES:
All NYSDEC Ambient Water Quality Standards results are for GA Classified Groundwater
Values in bold exceed the NYSDEC Standards or Guidance Values
--- No standard available
ug/L - Micrograms per liter
mg/L - Milligrams per liter
ND - Not Detected above method detection limit (MDL)

FORMER CIBRO BROTHERS TERMINAL SITE
ISLAND PARK, NEW YORK

TABLE 12

TREATED STOCKPILE SOIL VAPOR RESULTS

Collected Date:		04/18/07	04/18/07	04/18/07
Sample Name:		#1	#3A	#8
Vacuum Reading:		-3	-3	-2
Analyte	NJSGSL			
1,1,1-Trichloroethane	13,000	ND	ND	ND
1,1,2,2-Tetrachloroethane	5	ND	ND	ND
1,1,2-Trichloroethane	--	ND	ND	ND
1,1-Dichloroethane	8,800	ND	ND	ND
1,1-Dichloroethene	3,900	ND	ND	ND
1,2,4-Trichlorobenzene	340	ND	ND	ND
1,2,4-Trimethylbenzene	--	ND	ND	ND
1,2-Dibromoethane	5	ND	ND	ND
1,2-Dichlorobenzene	1,700	ND	ND	ND
1,2-Dichloroethane	5	0.17	ND	ND
1,2-Dichloropropane	5	ND	ND	ND
1,3,5-Trimethylbenzene	--	ND	ND	ND
1,3-Butadiene	5	ND	ND	ND
1,3-Dichlorobenzene	130	ND	ND	ND
1,4-Dichlorobenzene	5	ND	ND	ND
1,4-Dioxane	--	ND	ND	ND
2,2,4-Trimethylpentane	--	2.1	56	21
4-ethyltoluene	--	ND	ND	ND
Acetone	97,000	13	13	17
Allyl Chloride	--	ND	ND	ND
Benzene	8	0.89	0.82	1.8
Benzyl Chloride	--	ND	ND	ND
Bromodichloromethane	5	ND	ND	ND
Bromoform	18	ND	ND	ND
Bromomethane	92	ND	ND	ND
Carbon Disulfide	16,000	1.4	2.7	4.3
Carbon Tetrachloride	5	ND	ND	ND
Chlorobenzene	780	ND	ND	ND
Chloroethane	93	ND	ND	ND
Chloroform	5	ND	ND	ND
Chloromethane	3,200	ND	ND	ND
cis-1,2-Dichloroethene	640	ND	ND	ND
cis-1,3-Dichloropropene	16	ND	ND	ND
Cyclohexane	130,000	2.2	7.8	36
Dibromochloromethane	5	ND	ND	ND
Ethyl Acetate	--	ND	ND	ND
Ethylbenzene	1,000	4.1	3.9	3.2
Freon 11	--	0.18	0.41	0.15
Freon 113	--	ND	ND	ND
Freon 114	--	ND	ND	ND
Freon 12	--	0.45	0.38	0.37
Heptane	--	2.2	1.5	0.79
Hexachloro-1,3-Butadiene	--	ND	ND	ND

FORMER CIBRO BROTHERS TERMINAL SITE
ISLAND PARK, NEW YORK

TABLE 12

TREATED STOCKPILE SOIL VAPOR RESULTS

Collected Date:		04/18/07	04/18/07	04/18/07
Sample Name:		#1	#3A	#8
Vacuum Reading:		-3	-3	-2
Analyte	NJSGSL			
Hexane	14,000	ND	1.2	1.1
Isopropyl Alcohol	--	ND	ND	ND
m&p-Xylene	1,800	3.1	3.7	ND
Methyl Butyl Ketone	--	ND	ND	ND
Methyl Ethyl Ketone	120,000	2.9	15	8.3
Methyl Isobutyl Ketone	--	ND	ND	ND
Methyl tert-butyl ether	50	ND	ND	ND
Methylene Chloride	120	1.1	1.3	ND
o-Xylene	1,800	0.78	ND	ND
Propylene	--	ND	ND	ND
Styrene	17,000	1.7	ND	ND
Tetrachloroethylene	5	0.21	0.32	ND
Tetrahydrofuran	--	ND	ND	ND
Toluene	95,000	3.6	3.9	2.1
trans-1,2-Dichloroethene	1,300	ND	ND	ND
trans-1,3-Dichloropropene	16	ND	ND	ND
Trichloroethene	5	0.11	0.17	ND
Vinyl Acetate	--	ND	ND	ND
Vinyl Bromide	--	ND	ND	ND
Vinyl Chloride	19	ND	ND	ND

Notes:
All results are in parts per billion
NJSGSL = New Jersey Soil Gas Screening Level
Values in Bold exceed NJSGSL

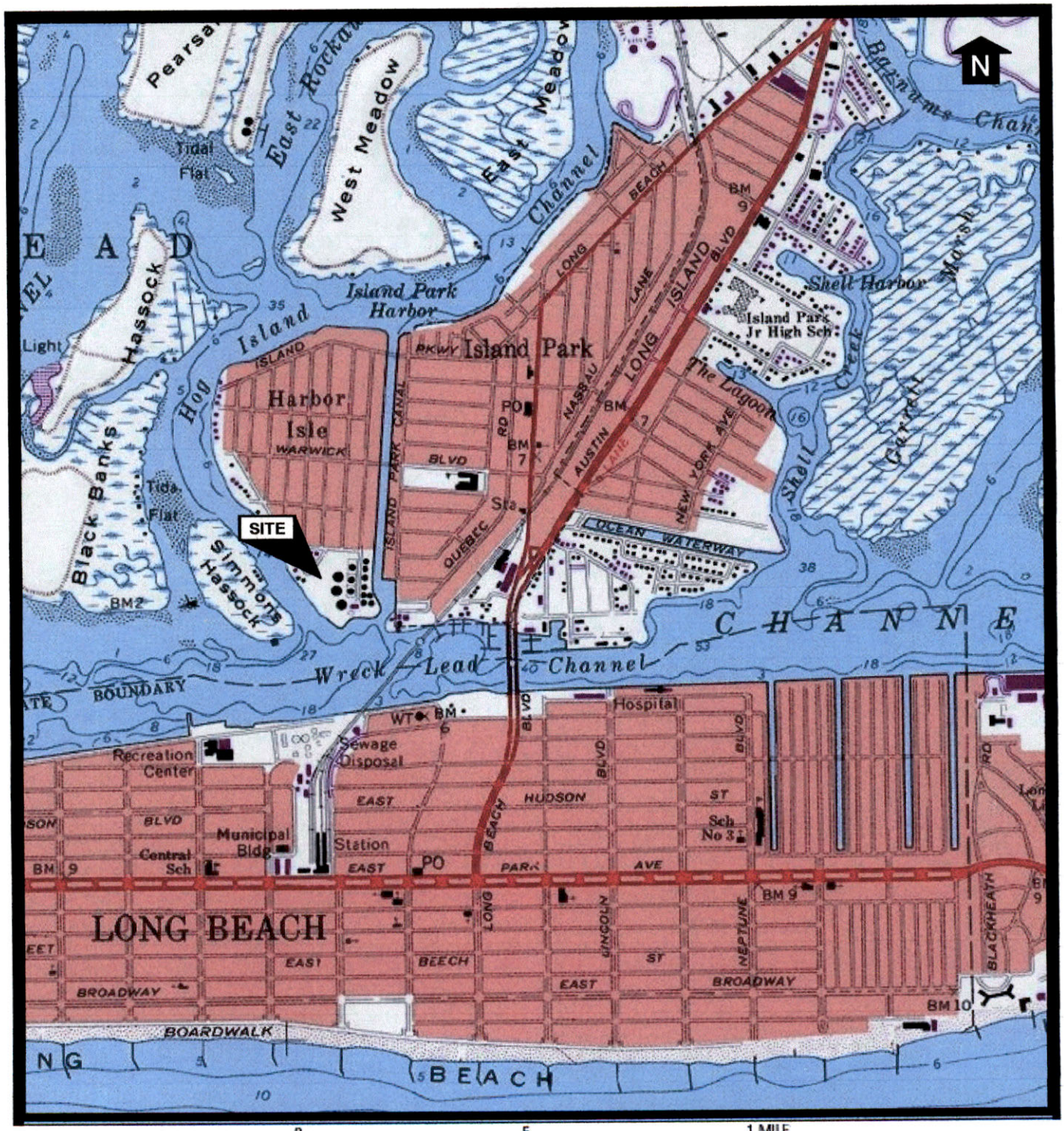

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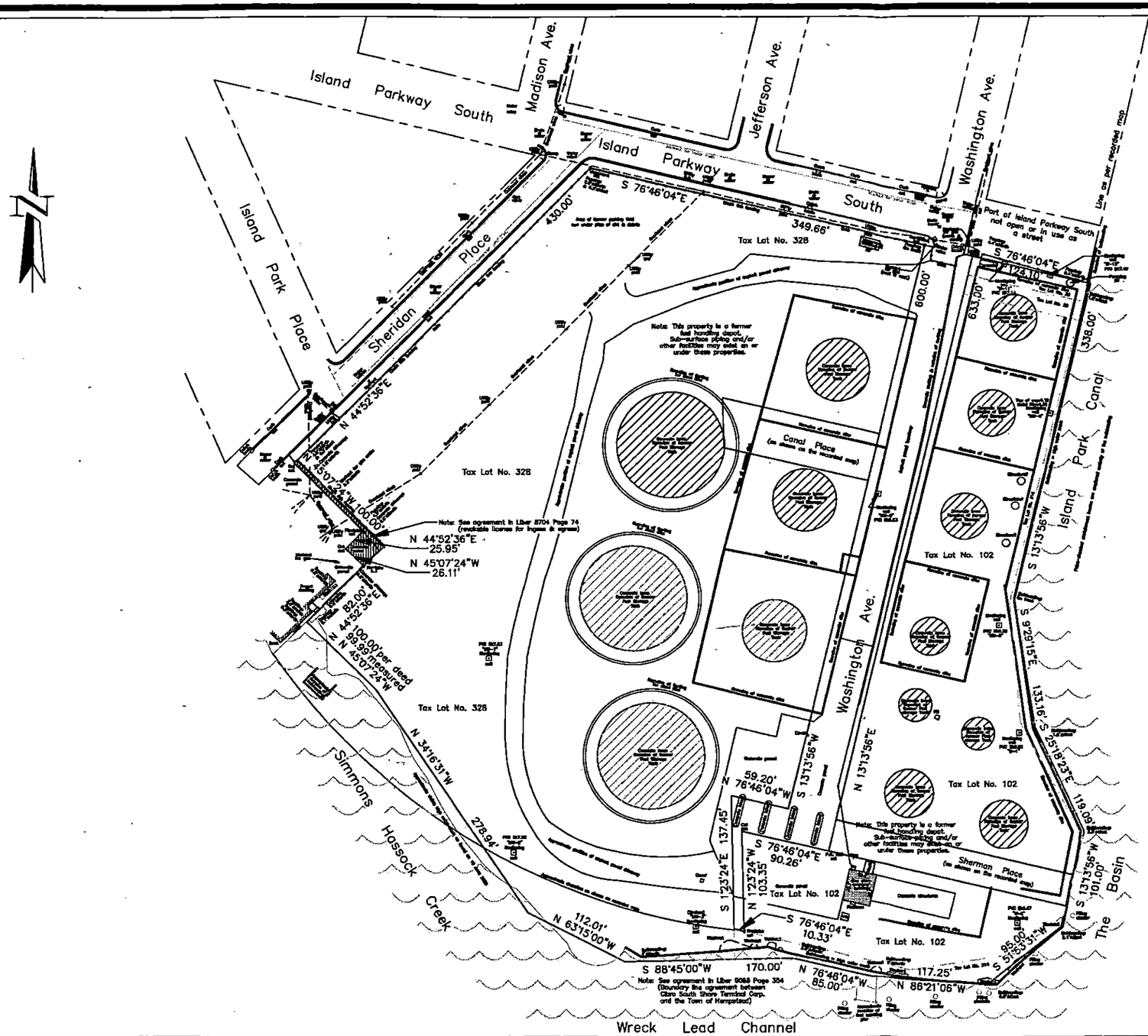
FIGURE 1 - SITE LOCATION MAP

FORMER CIBRO BROTHERS TERMINAL SITE

ISLAND PARK, NY

USGS 7.5 Minute Series, Topographic Map – Lawrence, NY – Revised 1997

Latitude: 40° 35.886N Longitude: 73° 39.814W



COUNTY OF NASSAU SECTION 43 BLOCK 381 LOTS No. 35,36,102,314 & 328

NOTES:

1. COMPOSITE PLOT AREA = 468,900± SQUARE FEET OR 10.7± ACRES TO DESCRIPTION LINES AS MEASURED.
2. SUB-SURFACE CONDITIONS ARE NOT SHOWN, OR ARE NOT CERTIFIED, IF SHOWN.
3. THIS PROPERTY INCLUDES BLOCKS 201,202,213,214 AND PART OF 215 AS SHOWN ON MAP OF "ISLAND PARK – LONG BEACH", SHEET No. 19 MAP No. 805 Filed: 21 MAY 1926.
4. THIS PROPERTY IS LOCATED IN HARBOR ISLE NEAR THE INCORPORATED VILLAGE OF ISLAND PARK IN THE TOWN OF HEMPSTEAD AND THE COUNTY OF NASSAU AND STATE OF NEW YORK.
5. UNAUTHORIZED ALTERATION OR ADDITION TO THIS SURVEY IS A VIOLATION OF SECTION 7209 OF THE NEW YORK STATE EDUCATION LAW. COPIES OF THIS SURVEY MAP NOT BEARING THE LAND SURVEYOR'S EMBOSSED SEAL SHALL NOT BE CONSIDERED TO BE A VALID TRUE COPY. CERTIFICATIONS INDICATED HEREON SHALL RUN ONLY TO THE PERSON FOR WHOM THE SURVEY IS PREPARED, AND ON HIS/HER BEHALF TO THE TITLE COMPANY, GOVERNMENTAL AGENCY AND LENDING INSTITUTION LISTED HEREON. CERTIFICATIONS ARE NOT TRANSFERABLE TO ADDITIONAL INSTITUTIONS OR SUBSEQUENT OWNERS.
6. OFFSETS SHOWN HEREON SHOULD NOT BE USED AS A BASIS FOR CONSTRUCTION OF FENCES OR OTHER PERMANENT STRUCTURES.
7. CERTIFICATIONS INDICATED HEREON SIGNIFY THAT THIS SURVEY WAS PREPARED IN ACCORDANCE WITH THE EXISTING CODE OF PRACTICE FOR LAND SURVEYS ADOPTED BY THE NEW YORK STATE ASSOCIATION OF PROFESSIONAL LAND SURVEYORS.
8. THIS PROPERTY IS THE LOCATION OF THE FORMER CIBRO SOUTH SHORE OIL TERMINAL.
9. EASEMENTS OF RECORD, AND/OR RIGHT-OF-WAYS, IF ANY, NOT SHOWN ARE NOT CERTIFIED.
10. ELEVATION DATUM IS NGVD OF 1929 AS PER COUNTY OF NASSAU ELEVATION BENCHMARK No. 25 H 01 A 467.
11. AFTER PERIODS OF HEAVY RAINFALL AND DURING HIGH TIDE CONDITIONS MUCH OF THIS PROPERTY IS SUBJECT TO FLOODING & PONDING. PONDING CONDITIONS ON THE DATE OF THIS SURVEY MAY HAVE COVERED ADDITIONAL MONITORING WELLS AND OTHER STRUCTURES.

SURVEYED FOR & CERTIFIED TO:
① BLUE ISLAND DEVELOPMENT, LLC

CERTIFIED TO:
① CHICAGO TITLE INSURANCE COMPANY

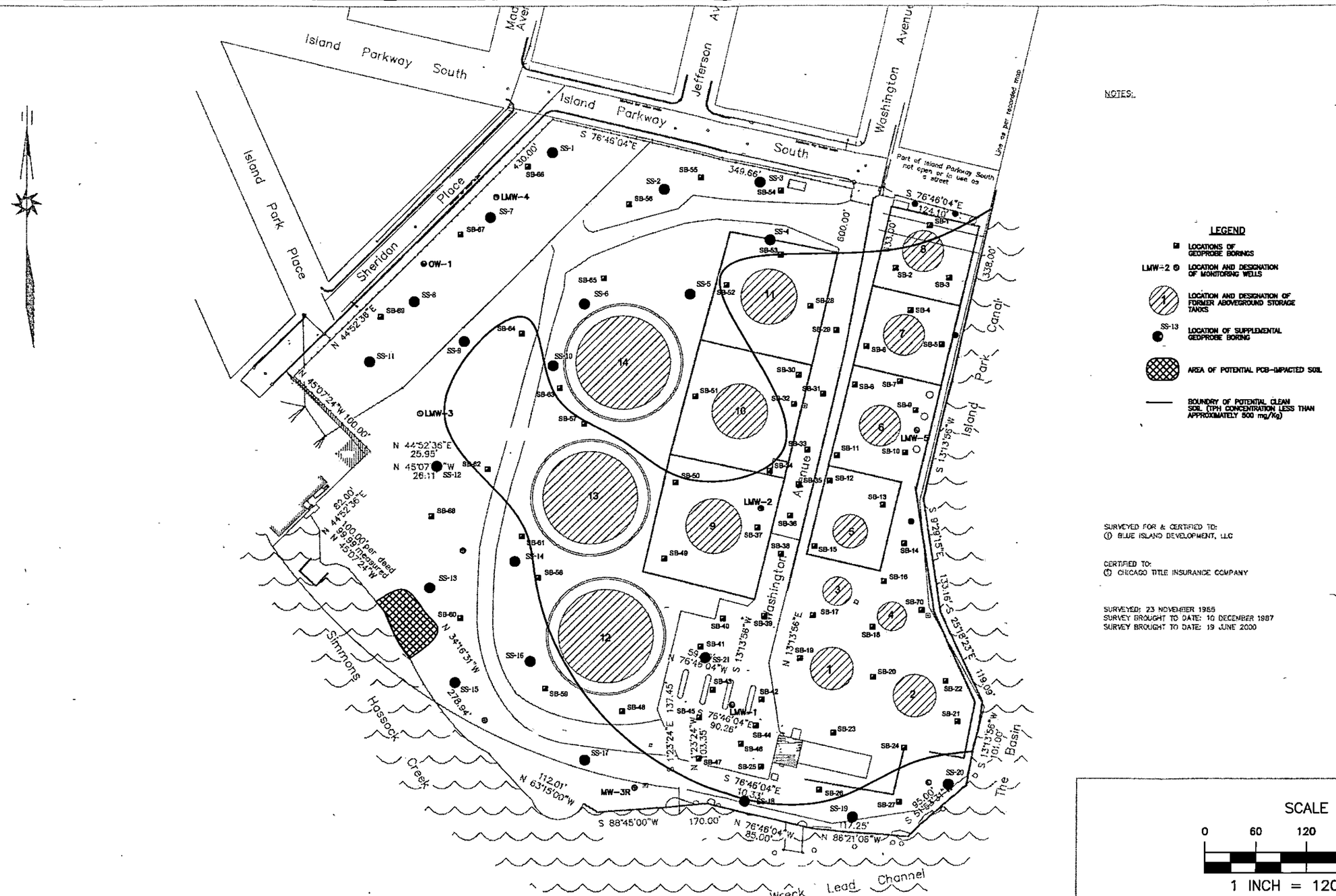
SURVEYED: 23 NOVEMBER 1985
SURVEY BROUGHT TO DATE: 10 DECEMBER 1987
SURVEY BROUGHT TO DATE: 19 JUNE 2000

SCALE
0 60 120 180 240
1 INCH = 120 FEET

FIGURE 2 SITE LAYOUT
FORMER CIBRO BROTHERS TERMINAL
ISLAND PARK, NEW YORK

Sources: JOHN A. ROBINSON LAND SURVEYOR, JUNE 30, 2004

Gannett Fleming
ENGINEERS AND PLANNERS
HAMILTON, NEW JERSEY



NOTES:

LEGEND

- LOCATIONS OF GEOPROBE BORINGS
- LMW-2 ⊙ LOCATION AND DESIGNATION OF MONITORING WELLS
- 1 LOCATION AND DESIGNATION OF FORMER ABOVEGROUND STORAGE TANKS
- SS-13 LOCATION OF SUPPLEMENTAL GEOPROBE BORING
- AREA OF POTENTIAL PCB-IMPACTED SOIL
- BOUNDRY OF POTENTIAL CLEAN SOIL (TPH CONCENTRATION LESS THAN APPROXIMATELY 500 mg/Kg)

SURVEYED FOR & CERTIFIED TO:
① BLUE ISLAND DEVELOPMENT, LLC

CERTIFIED TO:
① CHICAGO TITLE INSURANCE COMPANY

SURVEYED: 23 NOVEMBER 1955
SURVEY BROUGHT TO DATE: 10 DECEMBER 1987
SURVEY BROUGHT TO DATE: 19 JUNE 2000

SCALE

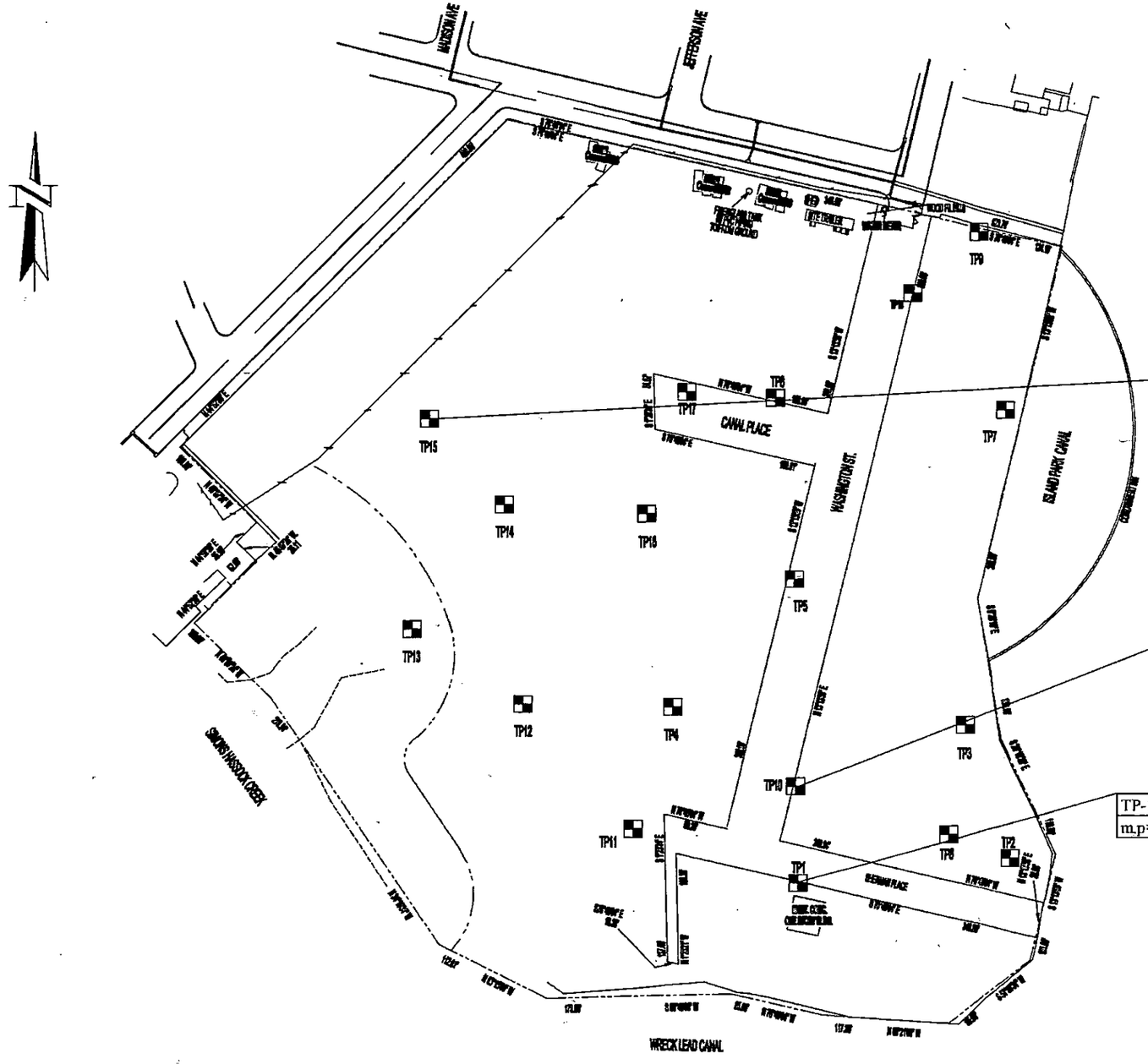
0 60 120 180 240

1 INCH = 120 FEET

FIGURE 3. LAW 200/2001 Remedial Investigation
FORMER CIBRO PETROLEUM FACILITY
ISLAND PARK, NEW YORK

Sources: JOHN A. ROBINSON LAND SURVEYOR, JUNE 30, 2004

Gannett Fleming
ENGINEERS AND PLANNERS
HAMILTON, NEW JERSEY



TP-15 (0-4 ft)	Result (ug/kg)	Track 1 SCO
Benzo(k)fluoranthene	993	800

TP-10 (2-4 ft)	Result (ug/kg)	Track 1 SCO
Ethylbenzene	3050	1000
m,p-Xylene	530	260

TP-1 (2-4 ft)	Result (ug/kg)	Track 1 SCO
m,p-Xylene	330	260

LEGEND:

TP3 **TEST PIT**

SCALE

0 60 120 180 240

1 INCH = 120 FEET

FIGURE 4 TEST PIT LOCATIONS (18 TEST PITS)
FORMER CIBRO BROTHERS TERMINAL
ISLAND PARK, NEW YORK

Sources: JOHN A. ROBINSON LAND SURVEYOR, JUNE 30, 2004

Gannett Fleming
ENGINEERS AND PLANNERS
HAMILTON, NEW JERSEY

1517.25 6687

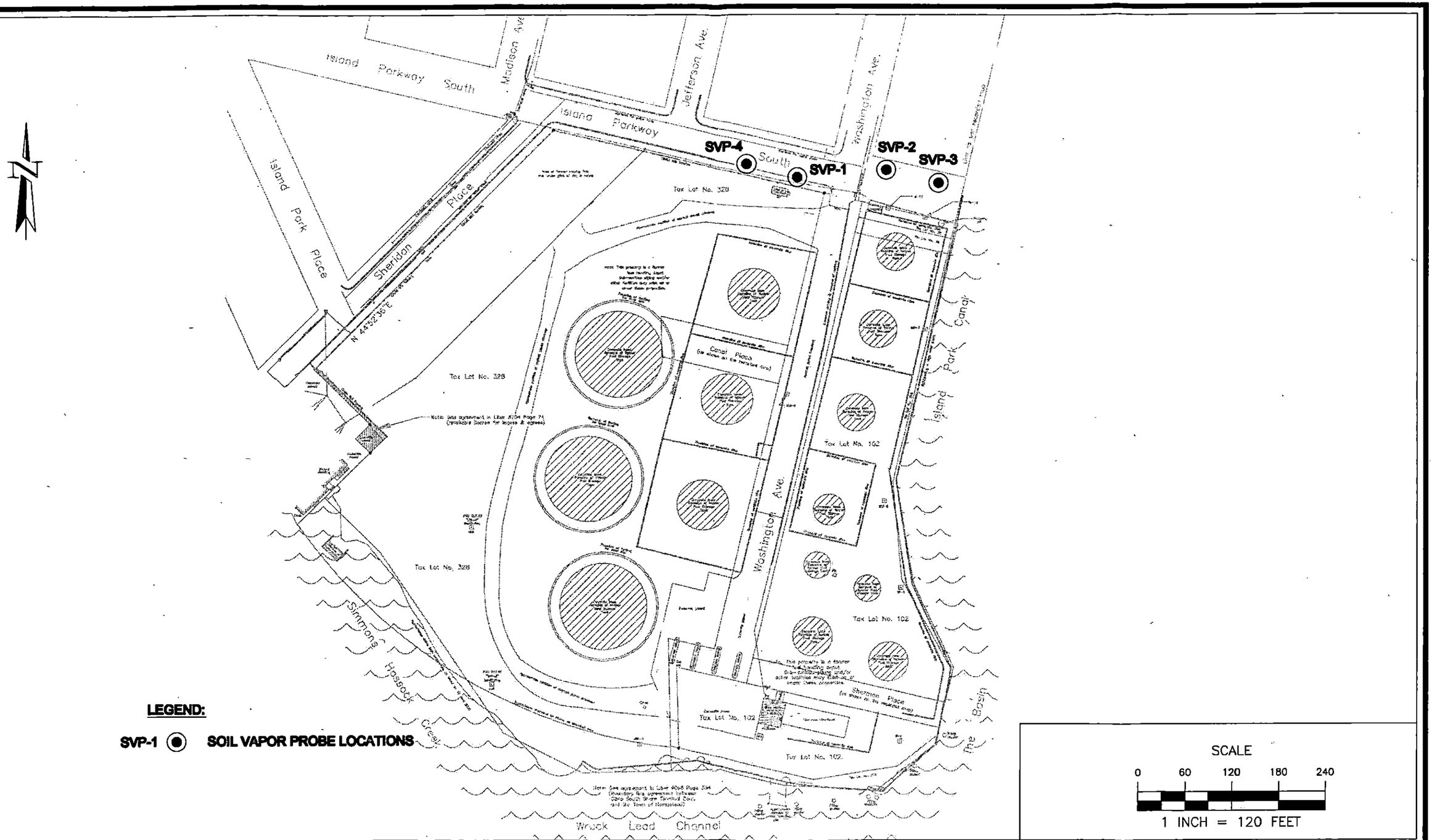
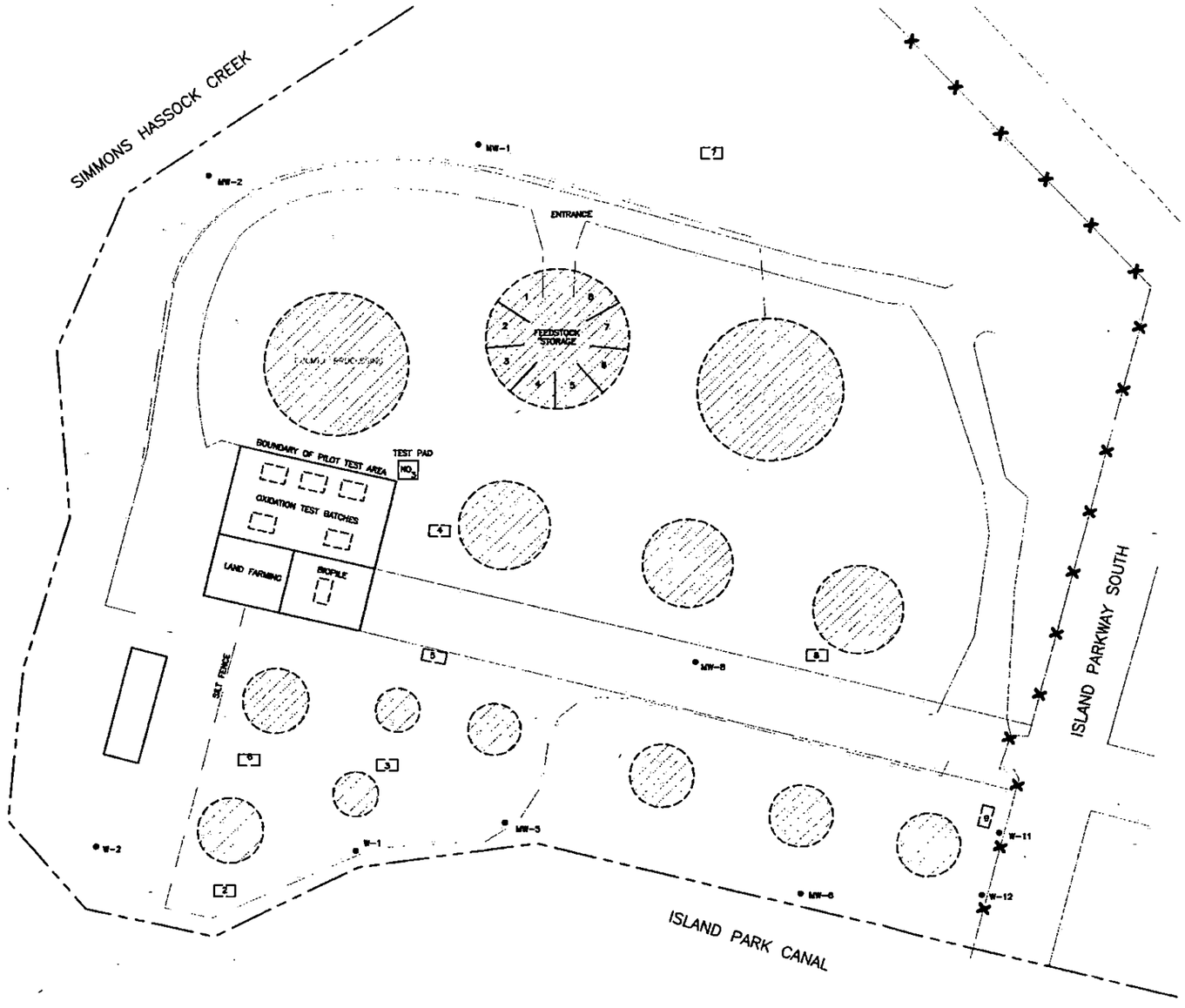


FIGURE 5 SOIL VAPOR PROBE LOCATIONS
FORMER CIBRO BROTHERS TERMINAL
ISLAND PARK, NEW YORK

Sources: JOHN A. ROBINSON LAND SURVEYOR, JUNE 30, 2004

Gannett Fleming
ENGINEERS AND PLANNERS
HAMILTON, NEW JERSEY



LEGEND:

SOIL SAMPLING LOCATIONS AND FEEDSTOCK SOURCE AREAS

SCALE

0 50 100 150 200

1 INCH = 100 FEET

FIGURE 6. TEST PIT LOCATIONS (8 TEST PITS) AND PILOT TEST TREATMENT LAYOUT
FORMER CIBRO BROTHERS TERMINAL
ISLAND PARK, NEW YORK

Sources: METRON DEVELOPMENT SERVICES, "PILOT TEST REVISED TEST PLOT LOCATIONS", DATED 9/8/06.

Gannett Fleming
ENGINEERS AND PLANNERS
HAMILTON, NEW JERSEY

APPENDIX A

APPENDIX A – 1

HEMPSTEAD

Town approves Island Park condo complex

BY EDEN LAIKIN
eden.laikin@newsday.com

Developers can now move forward to replace an 11-acre contaminated site on Harbor Isle in Island Park with a 167-unit condo complex after approval by the Town of Hempstead last night.

The town board approved Posillico Development Company's application to rezone the site along Island Parkway South from industrial to residential. The 11.56-acre site was contaminated by spillage from the previous tenant, Cipro Oil, and the company has already undertaken the massive, costly job of cleaning it up.

The project's next stop is the Nassau County Planning Commission for site plan approval.

Posillico's November proposal to the town board included: 11 buildings with units up to 3,000 square feet; boat slips and a boat launch; parking spaces; 40,000 square feet of undeveloped land and 25,000 square feet of landscaping. Experts for the company testified that the environment and area traffic would not be worsened.

In 2004, the Posillicos withdrew a request for a 98-unit housing complex after neighbors said they wanted single-family homes. Now, most residents support the larger project because the company has been using the land as an industrial site, generating truck traffic.

Company officials, who bought the site in 2000, have said that because there are now more units, they will be more affordable. According to Posillico attorney William Cohn, the units will range from $300,000 to more than $1 million.

NEWSDAY, WEDNESDAY, MARCH 26, 2008

APPENDIX A – 2

SI/EG

In early 1993 SI/EG evaluated site-wide soil conditions by digging and sampling forty five test pits to groundwater on a 100 by 100 foot grid. Soil samples from each pit were collected approximately 6-inches above the water table and, based on field screening results, 31 samples were selected for total petroleum hydrocarbon (TPH) analysis using Method 418.1. Five of the 31 samples were selected at random and further analyzed for semivolatile compounds (SVOCs) using Method 8270. An additional five samples collected near ASTs that stored gasoline were analyzed for benzene, toluene, ethylbenzene and xylenes (BTEX) using Method 8010. Data summary tables are included in Appendix A-2-1. Maps showing the sampling locations were not available in the SI/EG report.

TPH concentrations ranged from less than the laboratory reporting limit to 25,700 mg/kg, with the highest concentration in sample Z-3. Total SVOC concentrations in the samples selected for analysis (Z-1, H-4, E-5, B-5 and G-7) ranged from approximately 31.6 mg/kg to 407.2 mg/kg, with the highest concentration in sample B-5 (1 to 1.5 feet below grade). Total SVOC concentrations in all samples exceeded the NYSDEC soil cleanup criteria in effect at the time the work was done, but most of the detected constituents were Tentatively Identified Compounds (TICs) found by the analytical forward library search. In addition, the concentration of individual SVOC constituents in all samples except H-4 exceeded one or more of the Department's cleanup guidelines. Polychlorinated biphenyls (PCBs) were detected in the forward library scan of samples H-4 and G-7, with concentrations reported at approximately 4.2 mg/kg (H-4) and 0.9 mg/kg (G-7).

The total concentration of BTEX in the five samples collected near the ASTs ranged from less than the laboratory reporting limit to approximately 0.4 mg/kg, with the highest concentration is sample C-4 (2 feet below grade). Samples D-2 and C-4 contained toluene and total xylenes at concentrations exceeding the NYSDEC soil cleanup criteria.

Round 2 Soil Sampling – PCBs

Eight test pits were dug in and around the area of samples G-7 and H-4, near the southwest property boundary, to better characterize the extent of PCB residuals detected during the initial sampling round. Fifteen soil samples collected between 0.5 to 3.5 feet below grade and one sample of standing water in excavation H-4 were analyzed for PCBs using Method 8080 (soil) and Method 608 (water). Data summary tables are included in Appendix A-2-1.

In the H-4 area, total PCB concentrations ranged from less than the laboratory reporting limit to 0.071 mg/kg, with the highest concentration in the sample from H4D (3.5 feet below grade). In the G-7 area, total PCB concentrations ranged from less than the laboratory reporting limit to 5.4 mg/kg, with the highest concentration in the sample from G7A (0.5 feet below grade). Three samples from the G-7 area contained PCBs at concentrations exceeding the 1 mg/kg NYSDEC soil cleanup criteria in effect at the time the work was done. PCBs were not detected in the water sample from test pit H-4 at a concentration exceeding the laboratory reporting limit. The individual PCB Aroclors detected in the soil samples are not identified in SI/EG's report.

Round 2 Soil Sampling – SVOCs

Elevated concentrations of TPH were detected in the samples from test pits A-6, C-5 and D-2 during the initial round of sampling. Additional samples for SVOC analysis were collected to further characterize soil conditions at these locations. Data summary tables are included in Appendix A-2-1.

Total SVOC concentrations ranged from approximately 101.9 mg/kg to 256.9 mg/kg, with the highest concentration in the sample from C-5 (2 feet below grade). Each sample contained individual SVOC constituents at concentrations exceeding the NYSDEC soil

cleanup criteria in effect at the time the work was done. In addition, the total concentration of SVOCs in all samples exceeded the applicable NYSDEC cleanup criteria (most of the detected constituents were TICs).

Round 3 Soil Sampling – PCBs

In June 1994 SI/EG performed additional soil sampling near the southwest property boundary to further define the extent of PCB residuals. A grid with 30-foot spacing was used to guide the sampling and soil samples were collected at 6 to 12-inches below grade at each grid node. The samples were analyzed in the field for PCBs using immunoassay test kits. Data summary tables and available sample location maps are included in Appendix A-2-1.

Of the 20 samples collected, eight contained PCBs at concentrations estimated between 1 mg/kg to 4 mg/kg, and one sample contained PCBs at concentrations estimated between 0.5 and 1 mg/kg. PCB concentrations in the remaining 11 samples did not exceed the detection limit of the test kit. SI/EG indicated that one sample was submitted to a fixed laboratory for confirmation analysis, but the analytical results were not available at the time their report was issued. Based on the field screening sampling results, SI/EG concluded that the extent of PCB-impacted soil was approximately 45 feet by 60 feet.

Groundwater Sampling Program – 1989 through 1993

Twelve monitoring wells were installed at the facility in the late 1980s. According to SI/EG, soil from monitoring well boreholes W-5 through W-12 was analyzed for BTEX, dichlorobenzene and lead. Data summary tables and the well location map are included in Appendix A-2-2.

One or more individual BTEX constituents were detected in all samples, with total BTEX concentrations ranging from 0.097 mg/kg to approximately 2.2 mg/kg (W-7). Except for the sample from borehole W-11, the concentration of benzene, toluene and xylenes in all

samples exceeded the NYSDEC soil cleanup guideline in effect at the time the work was done. Lead was detected in the samples from W-10 and W-12 at low concentrations that did not exceed soil cleanup guidelines.

Three rounds of groundwater sampling were performed in April 1989, May 1991 and January 1992 by other parties. A fourth round by SI/EG was performed in April 1994. The laboratory results are summarized in the data summary tables in Appendix A-2-2.

The April 1989 data indicate that total BTEX concentrations ranged from 3.3 µg/l to 197.5 µg/l, with the highest concentration in the sample from well W-9, near Tank 11 on the northern end of the property. Wells W-1 through W-4 were not sampled during this round. Individual BTEX constituents were detected in all but one sample (W-5) at concentrations exceeding the groundwater standards in effect at the time the sampling was done. Groundwater samples from wells W-5 through W-10 were also analyzed for TPH. TPH was not detected in any sample at a concentration exceeding the laboratory reporting limit.

All 12 wells were sampled in May 1991 for BTEX. The laboratory data indicate total BTEX concentrations ranged from less than the laboratory reporting limit to 34.5 µg/l, with the highest concentration in the sample from well W-1, near Tank 4 on the southeast portion of the property. Sample W-1 was the only sample that contained individual BTEX constituents at concentrations exceeding NYSDEC groundwater standards.

The entire monitoring well network was again sampled in January 1992 for BTEX and SVOCs. Samples from ten of the 12 monitoring wells did not contain BTEX constituents at concentrations exceeding the laboratory reporting limits. Total BTEX concentrations in the samples from the two remaining wells were 31.3 µg/l (W-1) and 74.6 µg/l (W-8). The concentration of ethylbenzene and total xylenes in both samples exceeded NYSDEC groundwater standards. Total SVOC concentrations ranged from less than the laboratory reporting limit to 188.4 µg/l at W-4, near the northwest corner of the property. The

sample from W-4 was the only sample that contained individual SVOC constituents at concentrations exceeding NYSDEC groundwater standards.

Supplemental Groundwater Sampling Program – 1994

Based on the historical groundwater monitoring database, SI/EG installed six additional wells designated MW-1 through MW-6 to address gaps in the monitoring well network coverage. The six new wells and four existing wells (W-2, W-4, W-8 and W-11) were sampled in April 1994 for volatile organic compounds (VOCs) and SVOCs. MW-1 was also sampled for PCBs. The laboratory results are included in the data summary tables in Appendix A-2-2.

Total VOC concentrations ranged from 6 µg/l to 759 µg/l, with the highest concentration found in the sample from W-8 on the east side of Tank 10. Except for the samples from W-2 and W-8, the detected compounds were made up entirely of non-target constituents (i.e. tentatively identified compounds). Sample W-8 was the only sample that contained individual VOC compounds at concentrations exceeding NYSDEC groundwater standards. Total SVOC concentrations ranged from 54 µg/l to 666 µg/l (W-8). The sample from well W-11, at the north property boundary, had the highest concentration of target compounds (245 µg/l) and contained one SVOC constituent at a concentration exceeding the NYSDEC groundwater standard. PCBs were not detected in the sample from MW-1 at a concentration exceeding the laboratory reporting limit.

exceeding the soil cleanup guidelines. Chromium was detected in sample SS-6 at a concentration that marginally exceeded the cleanup guideline (10.1 µg/kg vs. 10 µg/kg guideline). The SVOC data generally confirmed the initial "clean area" TPH boundary, with only a few samples containing a limited number of chemical constituents at concentrations greater than cleanup guidelines (chrysene; benzo(b)fluoranthene; benzo(a)anthracene; dibenzo(a,h)anthracene; benzo(a)pyrene; and benzo(k)fluoranthene).

Soil samples from the PCB impact area did not reveal the presence of PCBs at concentrations exceeding NYSDEC soil cleanup guidelines.

The groundwater sampling data shows that individual VOC and SVOC constituents were each detected in only one well at concentrations exceeding NYSDEC groundwater standards. Benzene and naphthalene were found in the sample from well MW-3R; and chrysene, benzo(a)anthracene and acenaphthene were found in the sample from W-11 at concentrations exceeding standards. No other groundwater sample contained VOCs or SVOCs at concentrations greater than the cleanup criteria.

Based on the findings of its supplemental soil and groundwater sampling, LAW amended its proposed remedial approach by incorporating limited soil capping and additional excavation as part of its overall cleanup plan.

APPENDIX A – 2 – 1

Table 4
Summary of Field Screening - Test Pits
Former Cibro Petroleum Terminal
Island Park, New York
(May 27, 1993)

LOC	DEPTH GW	DEPTH SAMPLE	OVM PPM	DESCRIPTION	REMARKS
A-5	2.0	1.5	6.8	Mixed fill	
A-6	3.0	2.5	16.0	gry f sd w/Grv	
A-7	2.5	2.0	5.0	mixed fill	Stained soil at 2.0'
B-5	1.5	1.0	71.9	mixed fill	
B-6	1.5	1.0	2.6	lt brn m sd w/Grv	
B-7	2.5	2.0	45.0	brn silty m sd w/Grv	Stained soil at 3.0'
B-8	2.0	1.5	1.9	mixed fill	
C-1	2.5	2.0	6.6	brn silty m sd w/Grv	Product in soil Below GW
C-2	1.0	0.5	0.0	mixed fill	
C-3	2.0	1.5	5.3	brn silty m sd w/Grv	Petroleum Odor
C-4	2.5	2.0	24.0	mixed fill	Petroleum Odor
C-5	3.0	2.5	31.0	mixed fill	Product in soil Below GW
C-6	1.0	0.5	42.0	mixed fill	
C-7	1.0	0.5	43.0	mixed fill	
C-8	1.5	1.0	1.9	mixed fill	
D-1	*	2.0	5.5	lt brn m sd w/Grv	Petroleum Odor
D-2	2.0	1.5	16.0	mixed fill	
D-5	1.0	0.5	3.5	mixed fill	Petroleum Odor
D-7	1.5	1.0	37.0	brn silty m sd w/Grv	Petroleum Odor
D-8	2.0	1.5	2.2	gry silty sd	
E-1	2.5	2.0	0.1	tn m sd	
E-2	1.0	0.5	31.0	tn silty cl w/org	
E-3	3.0	2.5	27.0	gry m sd	
E-5	1.5	1.0	65.0	mixed fill	Oil staining at surface
E-6	1.0	0.5	3.7	gry m sd	
E-7	1.0	0.5	2.7	mixed fill	
E-8	1.5	1.0	2.8	mixed fill	
F-1	2.0	1.5	1.4	mixed fill	
F-2	1.0	0.5	0.0	mixed fill	
F-5	1.0	0.5	0.0	mixed fill	
F-6	1.0	0.5	1.1	mixed fill	
F-7	* 0.7	0.2	2.4	gry m sd	
G-1	3.5	3.0	1.9	mixed fill	
G-2	3.0	2.5	6.3	mixed fill	Concrete at 3.0'
G-3	2.0	1.5	10.0	mixed fill	Petroleum Odor
G-4	**	2.0	0.3	brn silty m sd w/Grv	Asphalt at 2.0'
G-5	2.0	1.5	0.0	brn silty m sd w/Grv	
G-6	1.5	1.0	0.0	brn silty m sd w/Grv	
G-7	1.0	0.5	2.4	brn silty m sd w/Grv	
H-4	1.0	0.5	0.0	brn silty m sd w/Grv	*
H-5	1.0	0.5	0.0	mixed fill	
H-6	1.0	0.5	0.0	mixed fill	
Z-1	2.5	2.0	50.8	mixed fill	
Z-2	2.0	1.5	39.0	mixed fill	
Z-3	2.5	2.0	61.0	mixed fill	

Note: * = Concrete Slab at 2.0' Below Surface
** = Groundwater not observed.

Table 5 (Cont'd)
Summary of First Round Sampling-Test Pits
Former Cibro Petroleum Terminal
Island Park, New York
(February 23-24, 1993)

LOC	LAB ID NO:	DATE	TPH (mg/kg)
A-6	T302354-05	2/23/93	10,400
B-7	T302354-06	2/23/93	4,730
B-8	T302354-12	2/24/93	<27.3
C-1	T302353-03	2/23/93	2,240
C-3	T302354-17	2/23/93	216
C-6	T302354-03	2/23/93	639
C-7	T302354-07	2/23/93	7,290
D-7	T302354-08	2/24/93	7,080
D-8	T302354-11	2/24/93	124
E-1	T302353-02	2/23/93	126
E-2	T302353-05	2/23/93	6,970
E-7	T302354-09	2/24/93	267
E-8	T302354-10	2/24/93	697
F-5	T302354-13	2/24/93	145
G-2	T302354-16	2/23/93	2,520
G-3	T302353-10	2/23/93	1,080
G-4	T302353-12	2/23/93	<27.3
G-6	T302354-01	2/24/93	<27.5
H-5	T302353-14	2/24/93	<27.2
Z-2	T302353-08	2/24/93	1,330
Z-3	T302353-09	2/24/93	25,700

Table 5 (Cont'd)
Summary of First Round Sampling-Test Pits
Former Cibro Petroleum Terminal
Island Park, New York
(February 23-24, 1993)

Sample ID:	E-5	B-5	G-7	Z-1	H-4
Laboratory ID:	T302354-02	T302354-04	T302353-01	T302353-01	T302353-11
Date:	2/24/93	2/23/93	2/24/93	2/24/93	2/24/93
Depth:	1.0-1.5	1.0-1.5	0.5-1.0	2.0-2.5	0.5-1.0
			Results in Parts Per Million (mg/kg)		
TPH	6710	2440	64.1	8370	<27.2
			Results in Parts Per Billion (ug/kg)		
Semi-Volatile Organics					
1,2-Dichlorobenze	ND	ND	112 J	ND	ND
1,2,4-Trichloroben	ND	ND	44 J	ND	ND
Naphthalene	2023.00	ND	55 J	ND	ND
Acenapthene	ND	ND	128 J	ND	ND
Dibenzofuran	695 J	ND	50 J	ND	ND
Fluorene	1362 J	816 J	102 J	ND	ND
Phenanthrene	2624	1183 J	980	ND	ND
Anthracene	ND	ND	211 J	ND	ND
Fluoranthene	ND	411 J	1629	ND	ND
Pyrene	823 J	371 J	1328	486 J	ND
ButylbenzylPhthal	ND	ND	301 J	ND	ND
Benzo(A)Anthrace	ND	ND	739	ND	ND
Chrysene	ND	ND	884	ND	ND
Bis(2-Ethylhexyl)-P	ND	ND	618	ND	ND
Benzo(B)Fluoranth	ND	ND	605	ND	ND
Benzo(K)Fluoranth	ND	ND	1245	ND	65 J
Benzo(A)Pyrene	ND	ND	680	ND	ND
Indeno(1,2,3-CD)Py	ND	ND	352 J	ND	ND
Dibenzo(A,H)Anthr	ND	ND	199 J	ND	ND
Benzo(G,H,I)Peryle	ND	ND	314 J	ND	ND
Total Targeted:	7,527	2,781	10,576	468	65
Total Non-Target	217,763	404,450	30,153	397,079	31,546
Total:	225,290	407,231	40,729	397,547	31,611

Notes:
ND - Not Detected
J - Compound detected but below the MDL.

Table 5
Summary of First Round Sampling-Test Pits
Former Cibro Petroleum Terminal
Island Park, New York
(February 23-24, 1993

Sample ID:	D-2	C-2	C-4	E-3	D-5
Laboratory ID:	T302353-06	T302353-09	T302353-13	T302354-14	T302354-15
Date:	2/24/93	2/23/93	2/23/93	2/23/93	2/24/93
Depth:	1.5	0.5	2.0	2.5	0.5
		Results in Parts Per Million (mg/kg)			
TPH	16400	43.70	8410	4580	86
		Results in Parts Per Billion (ug/kg)			
Benzene	ND	ND	ND	ND	ND
Toluene	146	ND	ND	ND	ND
Ethylbenzene	ND	ND	ND	ND	ND
Total Xylenes	ND	ND	460	ND	ND
Total BTEX	146	ND	460	ND	ND

Note:

ND - Not Detected

TABLE 6
SUMMARY OF SECOND ROUND SAMPLING-TEST PITS
FORMER CIBRO PETROLEUM TERMINAL
ISLAND PARK, NEW YORK
(MAY 27, 1993)

Sample No.:	A6-4.0	C5-1.0	C5-2.0	D2-1.5
Lab ID:	T306052-01	-02	-03	-04
Date:	5/27/93	5/27/93	5/27/93	5/27/93
Depth:	4.0	1.0	2.0	1.5
Results In Parts Per Billion (ug/kg)				
Semi-Volatile Organics Targeted Compounds:				
2-Methylnaphthalene	3500	8000	19000	ND
Dibenzofuran	ND	1700J	3200	ND
Flourene	6500	1900	2300	ND
Phenanthrene	7400	1400J	1000	ND
Anthracene	740J	16000	10000	ND
Flouranthene	460J	ND	1400	ND
Pyrene	360J	370J	280J	340J
Acenaphthene	ND	ND	2600	ND
Chrysene	ND	ND	ND	380J
Benzo (a) Pyrene	ND	ND	ND	330J
Total Targeted:	18,960	29,370	39,780	1,050
Total Non-Targeted:	143,300	159,100	217,200	100,900
Total:	162,260	188,470	256,980	101,950

Notes:
ND - Not Detected
J - Detected but below MDL

TABLE 6 (CONT)
SUMMARY OF SECOND ROUND SAMPLING-TEST PITS
FORMER CIBRO PETROLEUM TERMINAL
ISLAND PARK, NEW YORK
(MAY 27, 1993)

Sample No.:	G7A-0.5	G7A-2.0	G7B-1	G7B-2.0
Lab ID:	T306022-01	T306052-05	-06	-07
Date:	5/27/93	5/27/93	5/27/93	5/27/93
Depth:	0.5	2.0	1.0	2.0
PCB (ug/kg)	5400	99	3100	ND

Sample No.:	G7C-1.5	G7D-2.0	G7D-3.0	G7D-1
Lab ID:	-08	T306052-09	-10	-11
Date:	5/27/93	5/27/93	5/27/93	5/27/93
Depth:	1.5	2.0	3.0	1.0
PCB (ug/kg)	ND	62	70	2700

Sample No.:	H4A-0.5	H4A-3.5	H4B-0.5	H4B-2.5
Lab ID:	T306022-02	T306052-12	T306052-13	-14
Date:	5/27/93	5/27/93	5/27/93	5/27/93
Depth:	0.5	3.5	0.5	2.5
PCB (ug/kg)	27	ND	ND	ND

Sample No.:	H4C-0.5	H4C-3.5	H4D-0.5	H4D-3.5
Lab ID:	-15	-16	T306052-17	-18
Date:	5/27/93	5/27/93	5/27/93	5/27/93
Depth:	0.5	3.5	0.5	3.5
PCB (ug/kg)	ND	ND	60	71

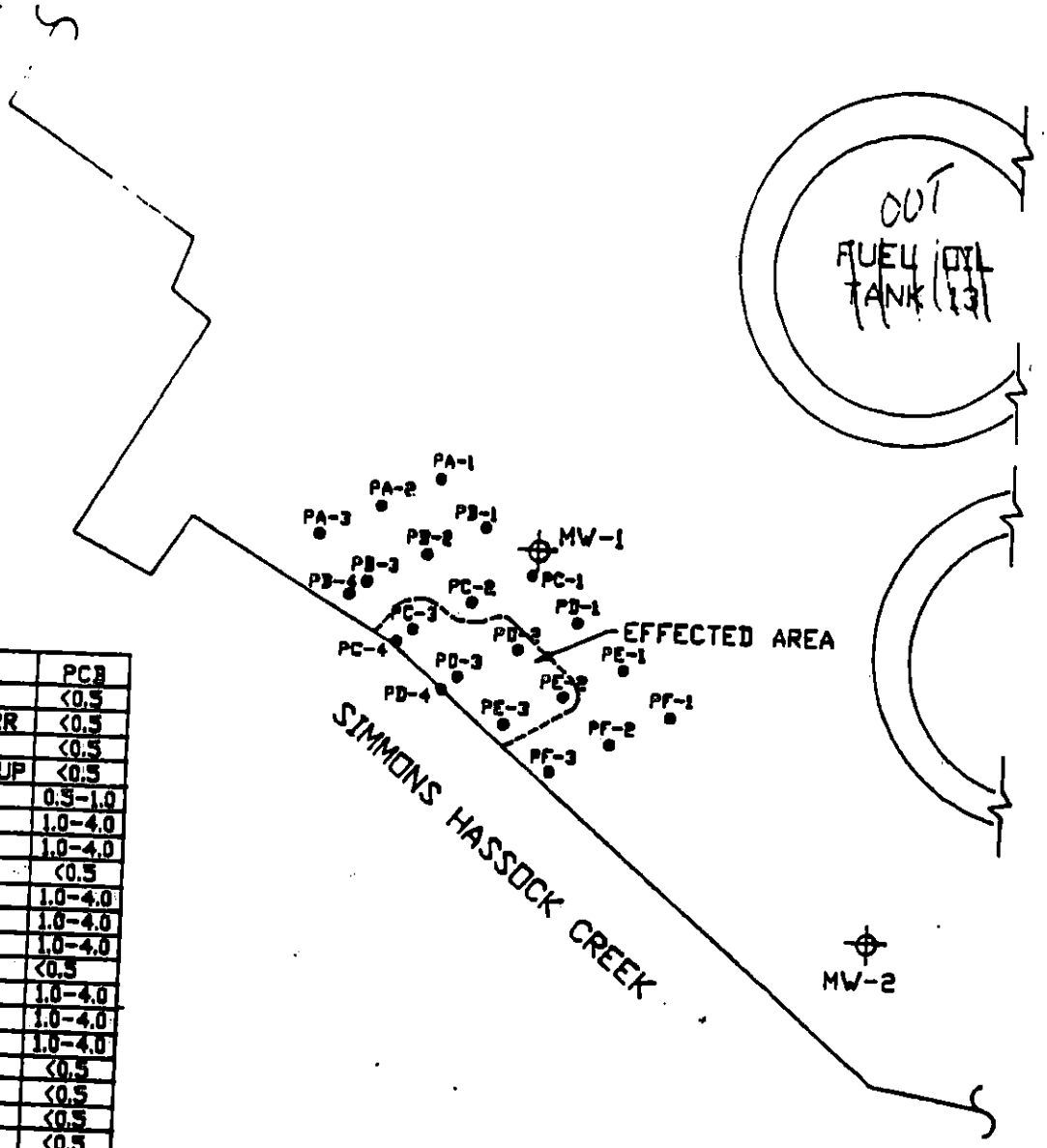
Sample No.:	H4GW
Lab ID:	T306052-19
Date:	5/27/93
PCB (ug/kg)	ND

Note:
ND - Not Detected

TABLE 1
SUMMARY OF POLYCHLORINATED BIPHENYLS
IN SOIL JUNE 2 AND 3, 1994
CIBRO
ISLAND PARK, NEW YORK

LOCATION	PCB CONCENTRATION
PA-1	<0.5
PA-2RR	<0.5
PA-3	<0.5
PB-1DUP	<0.5
PB-2	0.5 - 1.0
PB-3	1.0 - 4.0
PB-4	1.0 - 4.0
PC-1	<0.5
PC-2	1.0 - 4.0
PC-3	1.0 - 4.0
PC-4	1.0 - 4.0
PD-1	<0.5
PD-2	1.0 - 4.0
PD-3	1.0 - 4.0
PD-4	1.0 - 4.0
PE-1	<0.5
PE-2	<0.5
PE-3	<0.5
PF-1	<0.5
PF-2	<0.5
PF-3	<0.5

NOTES:
All Results in Parts Per Million.
PA-2RR - Sample was re-run.
PB-1DUP - A second sample was extracted from the subsurface and analyzed.



LOC.	PCB
PA-1	<0.5
PA-2RR	<0.5
PA-3	<0.5
PB-1DUP	<0.5
PB-2	0.5-1.0
PB-3	1.0-4.0
PB-4	1.0-4.0
PC-1	<0.5
PC-2	1.0-4.0
PC-3	1.0-4.0
PC-4	1.0-4.0
PD-1	<0.5
PD-2	1.0-4.0
PD-3	1.0-4.0
PD-4	1.0-4.0
PE-1	<0.5
PE-2	<0.5
PE-3	<0.5
PF-1	<0.5
PF-2	<0.5
PF-3	<0.5

LEGEND

PE-2 - PCB SOIL SAMPLE LOCATION AND DESIGNATION

NOTE

ALL CONCENTRATIONS IN MILLIGRAM PER KILOGRAM

Subsurface Investigations

A DIVISION OF THE ENVIROVISION GROUP, INC.
331 Route 9W, Congers, NY 10920
Tel: (914) 268-6660 FAX: (914) 268-2065

PROJECT NAME: CIBRO FORMER PETROLEUM TERMINAL

DRAWING TITLE: PCB SOIL SAMPLE LOCATIONS AND SCREENING RESULTS

APPENDIX A – 2 – 2

Table 1
Summary of Soil Sampling
During Monitoring Well Installation
Former Cibro Petroleum Terminal
Island Park, New York
4/13/89

Sample ID:	W-5	W-6	W-7	W-8	W-9	W-10	W-11	W-12
	Results in Parts Per Billion (UG/KG)							
Compound:								
Benzene	172	107	126.0	167.0	533.0	169	ND	119
Toluene	323	251	416.0	228.0	284.0	263	97	206
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND
Xylene	ND	ND	1732	ND	866	791	ND	ND
Dichlorobenzene	ND	ND	ND	ND	ND	299	ND	ND
Total	**495**	**358**	**2274**	**395**	**1683**	**1522**	**97**	**325**
Lead	ND	ND	ND	ND	ND	0.2	ND	0.03

Note:
ND - Not Detected

Table 2

Summary of Benzene, Toluene, Ethylbenzene and Xylene Analysis
In Groundwater
Former Cibro Petroleum Terminal
Island Park, New York

Results in Parts Per Billion (UG/L)

4/17/89

Sample ID:	W-1	W-2	W-3	W-4	W-5	W-6	W-7	W-8	W-9	W-10	W-11	W-12
Benzene	NA	NA	NA	NA	ND	ND	4.6	2.7	3.4	ND	0.88	2.0
Toluene	NA	NA	NA	NA	3.3	5.5	3.2	3.7	12.5	ND	2.0	2.6
Ethylbenzene	NA	NA	NA	NA	ND	ND	ND	16.2	60.6	4.1	0.97	ND
Xylene	NA	NA	NA	NA	ND	ND	ND	63.0	121	13.5	4.7	ND
PHC	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	NA	NA
Total	**NA**	**NA**	**NA**	**NA**	**3.3**	**5.5**	**7.8**	**85.6**	**197.5**	**17.6**	**8.55**	**4.6**

5/8/91

Sample ID:	W-1	W-2	W-3	W-4	W-5	W-6	W-7	W-8	W-9	W-10	W-11	W-12
Benzene	25.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	3.5	2.6	4.1	ND	1.2	ND	ND	3.1	2.0	ND	2.2	2.2
Ethylbenzene	2.1	ND	ND	ND	ND	ND	ND	2.2	ND	ND	1.8	1.1
Xylene	3.0	4.8	2.0	ND	1.1	ND	ND	7.2	2.2	ND	2.0	2.1
Total	**34.5**	**7.4**	**6.1**	**ND**	**2.3**	**ND**	**ND**	**12.5**	**4.2**	**ND**	**6.0**	**5.4**

1/31/92

Sample ID:	W-1	W-2	W-3	W-4	W-5	W-6	W-7	W-8	W-9	W-10	W-11	W-12
Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	10.2	ND	ND	ND	ND	ND	ND	26.6	ND	ND	ND	ND
Xylene	21.1	ND	ND	ND	ND	ND	ND	48.0	ND	ND	ND	ND
Total	**31.3**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**74.6**	**ND**	**ND**	**ND**	**ND**

Notes:
ND - Not Detected
NA - Not Analyzed

Table 3
Summary of Base Neutral Compounds
In Groundwater
Former Cibro Petroleum Terminal
Island Park, New York

Results in Parts Per Billion (UG/L)

1/31/92

Sample ID:	W-1	W-2	W-3	W-4	W-5	W-6	W-7	W-8	W-9	W-10	W-11	W-12
Compound:												
Acenanaphtylene	ND	ND	ND	ND	ND	10.4	ND	9.6	12.0	ND	23.2	ND
Acenanaphthene	ND	ND	ND	56.5	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	ND	11.5	22.0	69.0	32.5	9.5	9.5	ND	ND	10.0	20.5	11.0
Phenanthrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	29.5
Anthracene	ND	17.5	ND	62.9	ND	14.5	14.5	16.0	ND	ND	ND	ND
Pyrene	ND	1.0	1.2	ND	ND	ND	1.0	ND	ND	ND	ND	11.0
Total	**ND**	**30.0**	**23.2**	**188.4**	**32.5**	**34.4**	**25.0**	**25.6**	**12.0**	**10.0**	**43.7**	**51.5**

Note:
ND - Not Detected

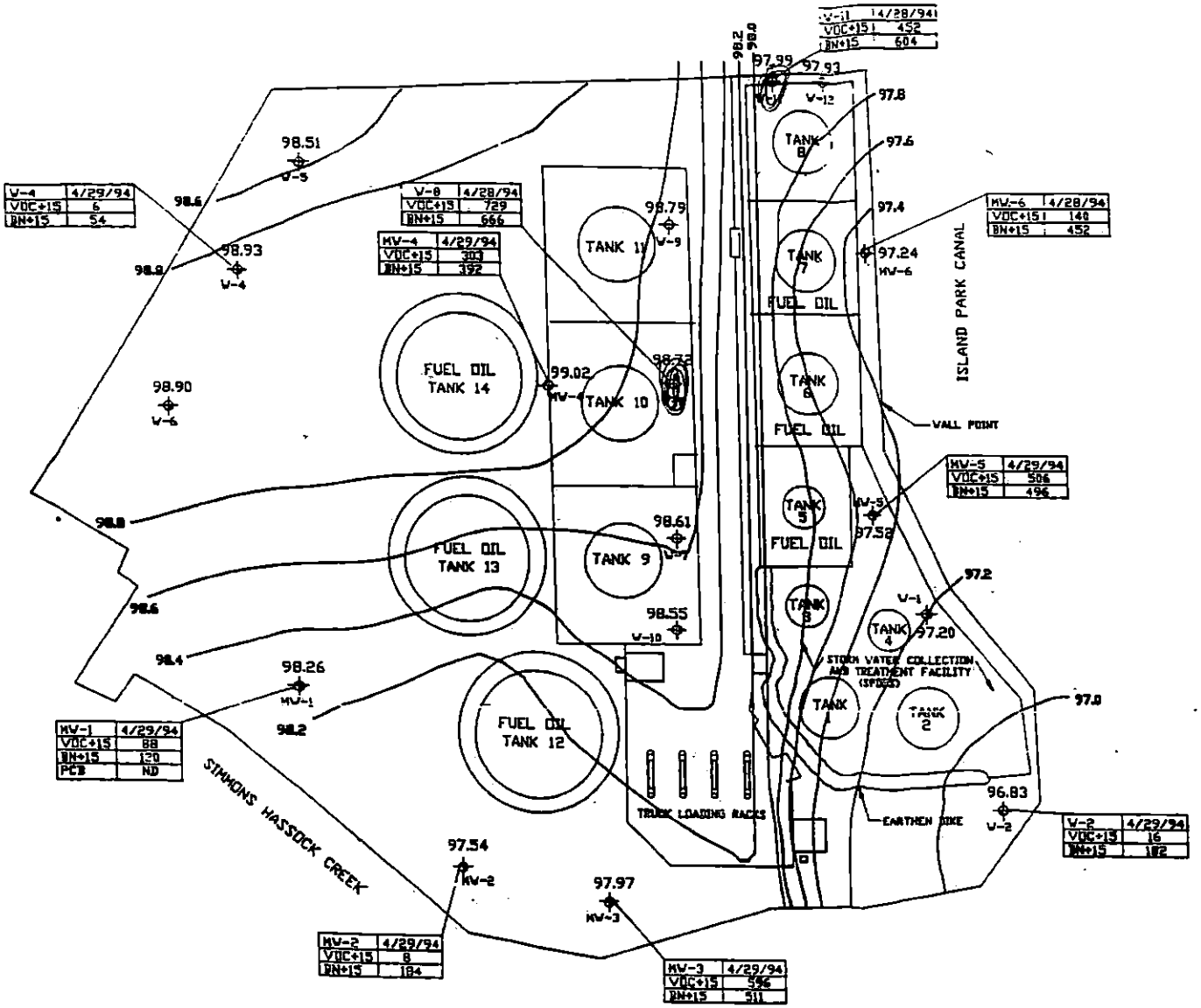
TABLE 2
SUMMARY OF GROUNDWATER SAMPLING
CIBRO
ISLAND PARK, NEW YORK

Sample ID:	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6
Laboratory ID:	T405002-7A	T405002-6A	T405002-4A	T05002-8A	T405002-10A	T405002-1A
Data Sampled:	4/29/94	4/29/94	4/29/94	4/29/94	4/29/94	4/28/94
RESULTS IN MICROGRAMS PER LITER (ug/l)						
VOLATILE COMPOUNDS						
Methylene Chloride	1JB	2JB	2JB	2JB	1JB	ND
Trichloroethene	ND	ND	ND	ND	ND	ND
Benzene	ND	ND	ND	ND	ND	ND
Toluene	ND	ND	ND	ND	ND	ND
Ethylbenzene	ND	ND	ND	ND	ND	ND
Total Targeted	1	2	2	2	1	ND
Total Non-Targeted	87	6	594	301	505	140
Total Volatiles	88	8	596	303	506	140
SEMI VOLATILE COMPOUNDS						
Di-n-butylphthalate	6J	6J	3J	4J	5J	5J
bis(2-Ethyhexyl) phthalate	2J	2J	ND	ND	2J	21
Acenaphthene	ND	4J	7J	5J	6J	7J
Dibenzofuran	ND	1J	3J	4J	6J	3J
Fluorene	ND	ND	7J	6J	7J	ND
Naphthalene	ND	ND	ND	10	32	ND
Phenanthrene	ND	ND	ND	4J	7J	4J
Pyrene	ND	ND	ND	ND	ND	1J
Anthracene	ND	ND	ND	ND	ND	ND
Flouranthene	ND	ND	ND	ND	ND	ND
Total Targeted	8	13	20	33	65	41
Total Non Targeted	122	171	491	359	431	411
Total Semi-Volatile	130	184	511	392	496	452
PCB'S	ND	NA	NA	NA	NA	NA

TABLE 2 (CONT)
SUMMARY OF GROUNDWATER RESULTS
CIBRO
ISLAND PARK, NEW YORK

Sample ID:	W-2	W-4	W-8	W-11	Field Blank	Trip Blank
Laboratory ID:	T405002-05A	T405002-09A	T405002-02A	T405002-03A	T405002-11A	T405002-12
Data Sampled:	4/29/94	4/29/94	4/28/94	4/28/94	4/28/94	4/28/94
	RESULTS IN MICROGRAMS PER LITER (ug/l)					
VOLATILE COMPOUNDS						
Methylene Chloride	ND	2JB	2JB	ND	2JB	2JB
Trichloroethene	2J	ND	ND	ND	ND	ND
Benzene	ND	ND	2J	ND	ND	ND
Toluene	ND	ND	1J	ND	ND	ND
Ethylbenzene	ND	ND	34	ND	ND	ND
Total Targeted	2	2	39	ND	2	2
Total Non-Targeted	14	4	720	452	14	3
Total Volatiles	16	6	759	452	16	5
SEMI VOLATILE COMPOUNDS						
Di-n-butylphthalate	3J	3J	6J	4J	2J	NA
bis(2-Ethyhexyl) phthalate	1J	ND	2J	ND	ND	NA
Acenaphthene	ND	ND	5J	82	ND	NA
Dibenzofuran	ND	ND	3J	53	ND	NA
Fluorene	ND	ND	3J	29	ND	NA
Naphthalene	ND	ND	52	20	ND	NA
Phenanthrene	ND	ND	ND	42	ND	NA
Pyrene	ND	ND	ND	3J	ND	NA
Anthracene	ND	ND	ND	3J	ND	NA
Flouranthene	ND	ND	ND	9J	ND	NA
Total Targeted	4	3	71	245	2	NA
Total Non Targeted	178	51	595	359	25	NA
Total Semi-Volatile	182	54	666	604	27	NA
PCB'S	NA	NA	NA	NA	NA	NA

NOTES:
ND: Not detected above laboratory MDL
NA: Not analyzed
J: Detected, but below laboratory MDL
JB: Detected, but containment present due to laboratory preparation of sample.



LEGEND

- V-2 - WELL LOCATION AND DESIGNATION PREVIOUSLY ON-SITE
- MV-2- WELL LOCATION AND DESIGNATION INSTALLED BY SUBSURFACE INVESTIGATION
- ——— - GROUNDWATER CONTOUR LINE

NOTES

VOC+15 - TOTAL VOLATILE ORGANIC COMPOUNDS
BN+15 - TOTAL SEMI VOLATILE COMPOUN
PCB - POLYCHLORINATED BIPHENYLS

ALL RESULTS IN MICROGRAMS PER LITER (UG/L)
CONTUOR MAP GENERATED FROM 4/28/94

Subsurface Investigations
A DIVISION OF THE ENVIROVISION GROUP, INC.
331 Route 9W, Congers, NY 10920
Tel: (914) 268-6660 FAX: (914) 268-2065

PROJECT NAME:	CIBRO FORMER PETROLEUM TERM
DRAWING TITLE:	GROUNDWATER CONTOUR MAP ANI SAMPLING RESULTS
SCALE: 1"=100'	DATE: 06-18-94
DRAWN BY: MK	FIG 2
CHECKED BY:	

APPENDIX B

LAWGibb

Soil Investigation – December 2000 and January 2001

In December 2000 LAW sampled seventy soil borings (SB-1 through SB-70) across the property using a GeoProbe. Soil samples were, in general, collected at 0 to 18-inches below grade (shallow unsaturated zone); 24 to 48-inches below grade (water table/smear zone); and near the top of the underlying peat layer (typically seven to nine-feet below grade) at each location. All soil samples were analyzed for TPH using Method 418.1. Sampling location maps and laboratory data summary tables are included in Appendix B-1

In the shallow zone, TPH concentrations ranged from 37 mg/kg to 3,970 mg/kg, with the highest concentrations in the samples from the areas near Tanks 1 through 4, 12 and 13, and the former loading dock. TPH concentrations in the intermediate zone ranged from 15 mg/kg to 3,580 mg/kg, with the highest concentrations in the samples from areas downgradient of Tanks 2, 6, 7 and 9, and the former loading dock. The deep zone soil contained TPH at concentrations ranging from 28 mg/kg to 2,230 mg/kg, with the highest concentrations found in an area of limited extent downgradient of Tanks 12 and 13. Most deep zone samples did not contain TPH at concentrations exceeding 200 mg/kg.

Groundwater Investigation – December 2000 and January 2001

Six groundwater monitoring wells (LMW-1 through LMW-5 and MW-3R) were installed in December 2000. The new wells and existing wells MW-1, MW-2, MW-6, OW-1, W-2, W-11 and W-12 were sampled in January 2001 for NYSDEC STARS list VOCs and SVOCs using Methods 8021 and 8270. Select samples were also analyzed for natural attenuation indicator parameters. Well location maps and laboratory data summary tables are included in Appendix B-2.

According to the LAW report, groundwater flow at the time of sampling was predominantly east and south from a northwest/southeast-trending groundwater divide near the southwest corner of the property. BTEX constituents were detected in samples from two of the 13 wells, LMW-1 (159.1 µg/l) near the former loading racks, and LMW-2 (59.99 µg/l) on the east side of Tank 9. The concentration of benzene and ethylbenzene in LMW-1 and ethylbenezene and xylenes in LMW-2 exceeded the NYSDEC groundwater standards in effect at the time the work was done. Total VOC concentrations (excluding BTEX) ranged from less than the laboratory reporting limits to approximately 446 µg/l (LMW-1). One or more individual VOC constituents in the samples from MW-3R, LMW-1 and LMW-2 were detected at concentrations exceeding NYSDEC groundwater standards. SVOCs were detected in samples from 9 of the 13 wells. Except for naphthalene, none of the individual SVOC constituents were found at concentrations exceeding the groundwater cleanup criteria. Naphthalene was detected in samples LMW-1, LMW-2 and MW-3R at 420 µg/l, 146 µg/l and 44.1 µg/l, respectively.

The results of the natural attenuation parameter analyses indicated that the saturated zone provided favorable conditions for supporting biodegradation activity.

Cleanup Plan for Soil and Groundwater

Based on its soil investigation findings, LAW proposed to segregate and remediate soil by TPH content. Soil with TPH content less than 500 mg/kg was considered "clean" for the purposes of reuse on the property, provided that confirmation sampling for individual STARS list VOCs and SVOCs constituents demonstrated that the material met the NYSDEC cleanup criteria.

Using the findings of its initial TPH sampling program, LAW designated a "clean area" where TPH concentrations were typically less than 500 mg/kg. The estimated boundary is shown on the map in Appendix B-3. TPH concentrations greater than 500 mg/kg are generally located on the east side of the boundary. LAW proposed a supplemental soil sampling program to further refine the TPH boundary location. As a separate task, LAW

also proposed to excavate and dispose of off site the soil from the area of PCB-impacted soil identified by SI/EG in the early 1990s.

For groundwater, LAW proposed the use of an oxidant to enhance subsurface biological activity and increase the rate of petroleum hydrocarbon degradation. LAW recommended injecting a magnesium peroxide-based oxidant into the water table using a GeoProbe, focusing on the area where the highest concentrations of petroleum residuals in groundwater were found, at wells LMW-1, LMW-2 and MW-3R.

Supplemental Soil and Groundwater Investigation

LAW performed additional soil and groundwater sampling in May 2001 to confirm and refine the proposed "clean area" TPH boundary and to address other issues raised by NYSDEC. The scope of work consisted of:

- sampling soil from 0 to 2-feet below grade at 21 locations (SS-1 through SS-21) and analyzing the samples for STARS list VOCs and SVOCs;

- analyzing 20-percent of the samples for RCRA metals;

- sampling eight additional borings for PCBs in the area of the PCB-impacted soil identified by SI/EG; and

- sampling "clean area" monitoring wells LMW-3, LMW-4, OW-1, W-2, MW-1, MW-2, MW-3R, W-11 and W-12 for VOCs and SVOCs.

Sampling location maps and laboratory data summary tables are included in Appendix B-4.

VOCs were not detected in any soil sample at a concentration exceeding the NYSDEC cleanup criteria. Except for chromium, RCRA metals were not found at concentrations

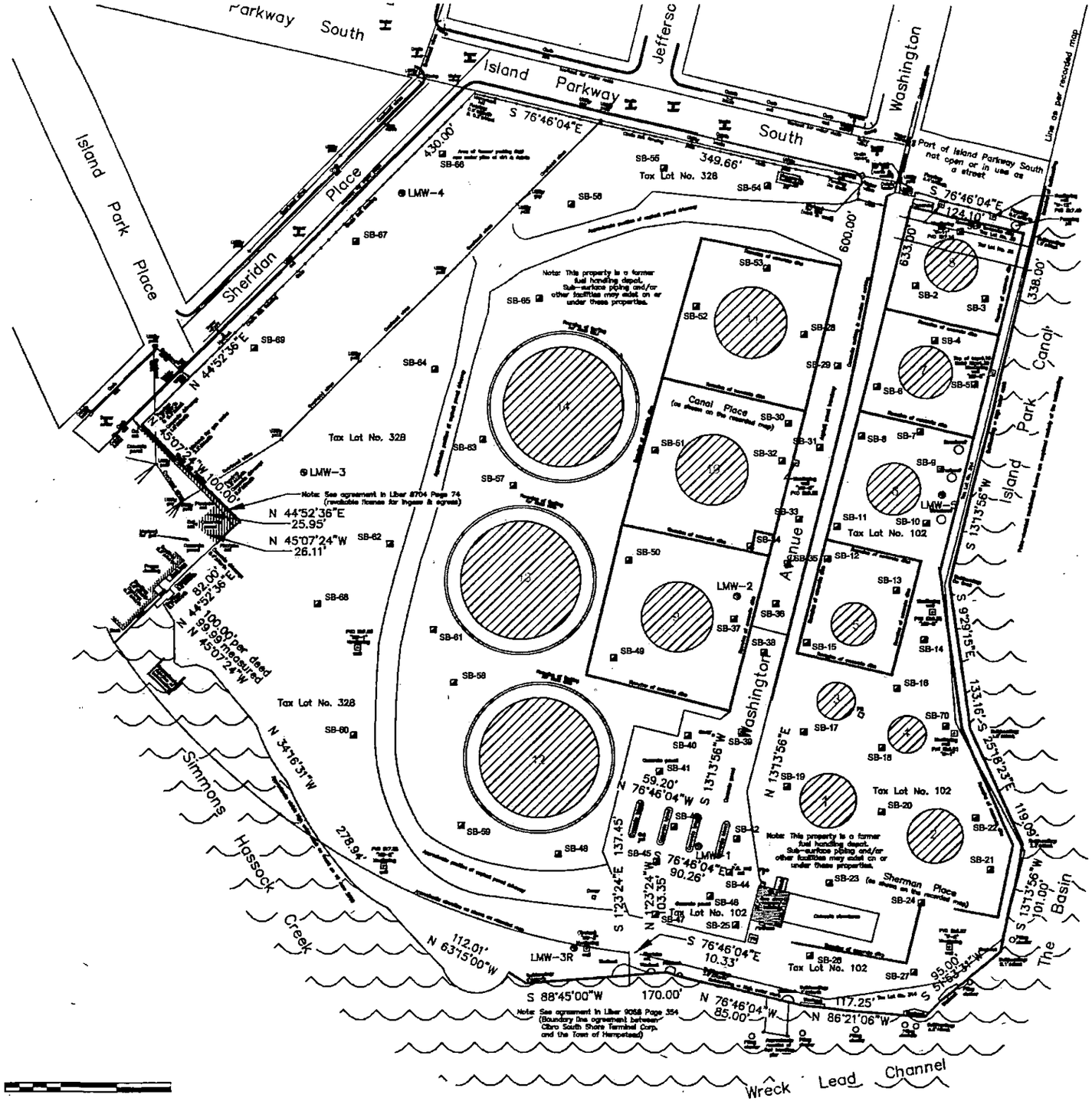
exceeding the soil cleanup guidelines. Chromium was detected in sample SS-6 at a concentration that marginally exceeded the cleanup guideline (10.1 µg/kg vs. 10 µg/kg guideline). The SVOC data generally confirmed the initial "clean area" TPH boundary, with only a few samples containing a limited number of chemical constituents at concentrations greater than cleanup guidelines (chrysene; benzo(b)fluoranthene; benzo(a)anthracene; dibenzo(a,h)anthracene; benzo(a)pyrene; and benzo(k)fluoranthene).

Soil samples from the PCB impact area did not reveal the presence of PCBs at concentrations exceeding NYSDEC soil cleanup guidelines.

The groundwater sampling data shows that individual VOC and SVOC constituents were each detected in only one well at concentrations exceeding NYSDEC groundwater standards. Benzene and naphthalene were found in the sample from well MW-3R; and chrysene, benzo(a)anthracene and acenaphthene were found in the sample from W-11 at concentrations exceeding standards. No other groundwater sample contained VOCs or SVOCs at concentrations greater than the cleanup criteria.

Based on the findings of its supplemental soil and groundwater sampling, LAW amended its proposed remedial approach by incorporating limited soil capping and additional excavation as part of its overall cleanup plan.

APPENDIX B – 1



BLUE ISLAND, LLC.
FORMER CIBRO ISLAND PARK SITE
ISLAND PARK, NEW YORK

LAW
ENGINEEERING AND ENVIRONMENTAL SERVICES, INC.

LOCATIONS OF GEOPROBES AND MONITORING WELLS

FIGURE NUMBER 2

Table 4-1. Summary of Total Petroleum Hydrocarbon Analyses for Soil SamplesCollected at the Former Cibro Petroleum Facility, Island Park, New York.

	Ground Elevation[1] (feet)	Sample Depth (ft bgs) (shallow)	Sample Elevation[1] (feet) (shallow)	TPH (mg/kg)	Sample Depth (ft bgs) (intermediate)	Sample Elevation[1] (feet) (intermediate)	TPH (mg/kg)	Sample Depth (ft bgs) (deep)	Sample Elevation[1] (feet) (deep)	TPH (mg/kg)	Depth of Peat (ft bgs)	Elevation[1] of Peat (feet)
SB-1	96.6		NS	NS	1	95.60	1,430	5	91.60	177	4	92.60
SB-2	97.5		NS	NS	2	95.50	430	7	90.50	164	7	90.50
SB-3	96.5		NS	NS	1	95.50	1,140	7	89.50	135	6	90.50
SB-4	97.3		NS	NS	2	95.30	2,670	8	89.30	128	8	89.30
SB-5	98		NS	NS	2	96.00	3,130	8	90.00	211	7	91.00
SB-6	98.6		NS	NS	2	96.60	3,100	7	91.60	193	6	92.60
SB-7	97.3		NS	NS	1	96.30	2,290	9	88.30	151	8	89.30
SB-8	97.5		NS	NS	1.5	96.00	3,350	7	90.50	270	6	91.50
SB-9	97.1		NS	NS	1	96.10	3,300	8	89.10	147	8	89.10
SB-10	97.6		NS	NS	1.5	96.10	2,820	7	90.60	306	6	91.60
SB-11	98		NS	NS	2	96.00	2,850	8	90.00	212	7	91.00
SB-12	98.9		NS	NS	2	96.90	2,360	7	91.90	169	6	92.90
SB-13	98.2		NS	NS	1.5	96.70	3,120	7	91.20	182	6	92.20
SB-14	99.8	1.5	98.30	154	4	95.80	3,020	7	92.80	239	6	93.80
SB-15	99.5		NS	NS	2	97.50	167	7	92.50	62	6	93.50
SB-16	100	2	98.00	2,590	4	96.00	2,840	7	93.00	82	6	94.00
SB-17	99.4	2	97.40	652	4	95.40	2,240	10	89.40	39	9	90.40
SB-18	98.8		NS	NS	1.5	97.30	2,910	13	85.80	29	12	86.80
SB-19	100	1	99.00	68	3	97.00	2,690	11	89.00	75	10.5	89.50
SB-20	99.1		NS	NS	2	97.10	2,400	13	86.10	41	12	87.10
SB-21	99.4	2	97.40	2,400	4.5	94.90	3,100	7	92.40	82	6	93.40
SB-22	99.5	2	97.50	1,970	4.5	95.00	2,900	7	92.50	200	6	93.50
SB-23	99.7		NS	NS	4	95.70	2,840	9	90.70	134	8	91.70
SB-24	100	2	98.00	2,970	4	96.00	2,970	8	92.00	234	7	93.00
SB-25	100.7	2	98.70	3,040	4	96.70	3,110	9	91.70	143	8	92.70
SB-26	99.6	1.5	98.10	2,300	4	95.60	430	8	91.60	52	7	92.60
SB-27	99.7	1.5	98.20	672	3.5	96.20	78	8	91.70	48	8	91.70
SB-28	98.7	1	97.70	1,610	2.5	96.20	2,460	9	89.70	130	9	89.70
SB-29	99.75	2	97.75	2,660	4	95.75	2,390	9	90.75	113	8	91.75
SB-30	100.3		NS	NS	2	98.30	1,950	16	84.30	31	16	84.30
SB-31	100.4	2	98.40	439	4.5	95.90	2,910	9	91.40	617	8	92.40
SB-32	99.9		NS	NS	1.5	98.40	2,520	14	85.90	185	11	88.90
SB-33	100.1	2	98.10	2,930	4	96.10	2,020	9	91.10	207	9	91.10
SB-34	100.6	1.5	99.10	857	3.5	97.1	103	9	91.6	508	8	92

Footnotes on last page.

Table 4-1. Summary of Total Petroleum Hydrocarbon Analyses for Soil SamplesCollected at the Former Cibro Petroleum Facility, Island Park, New York.

	Ground Elevation[1] (feet)	Sample Depth (ft bgs) (shallow)	Sample Elevation[1] (feet) (shallow)	TPH (mg/kg)	Sample Depth (ft bgs) (intermediate)	Sample Elevation[1] (feet) (intermediate)	TPH (mg/kg)	Sample Depth (ft bgs) (deep)	Sample Elevation[1] (feet) (deep)	TPH (mg/kg)	Depth of Peat (ft bgs)	Elevation[1] of Peat (feet)
SB-35	100.35	2	98.35	2,170	4.5	95.85	2,260	9	91.35	381	8.5	91.85
SB-36	100.95	2	98.95	2,200	5	95.95	2,410	9	91.95	115	8	92.95
SB-37	101.1	1.5	99.60	993	3	98.10	2,960	7	94.10	229	7	94.10
SB-38	100.7	1.5	99.20	2,410	4	96.70	2,340	9	91.70	247	8	92.70
SB-39	100.2	2	98.20	2,940	4	96.20	2,630	9	91.20	126	8	92.20
SB-40	100.1	1.5	98.60	2,790	4	96.10	2,480	9	91.10	38	9	91.10
SB-41	99.8	2	97.80	37	4	95.80	64	8	91.80	142	7	92.80
SB-42	100	1.5	98.50	2,940	3.5	96.50	3,140	9	91.00	347	8	92.00
SB-43	99.8	1.5	98.30	720	4	95.80	1,940	8	91.80	280	7	92.80
SB-44	100.1	1.5	98.60	3,260	4	96.10	3,010	9	91.10	419	8	92.10
SB-45	99.7	1.5	98.20	2,730	3.5	96.20	3,080	9	90.70	204	8	91.70
SB-46	99.35	1.5	97.85	2,990	4	95.35	2,860	13	86.35	106	12	87.35
SB-47	99.85	1.5	98.35	3,130	3.5	96.35	3,160	9	90.85	343	8	91.85
SB-48	99.7	1.5	98.20	1,810	5	94.70	2,190	8	91.70	2,200	7	92.70
SB-49	99	1.5	97.50	3,970	2.5	96.50	3,580	6	93.00	530	5	94.00
SB-50	98		NS	NS	1.5	96.50	1,540	8.5	89.50	114	8	90.00
SB-51	99.5	1.5	98.00	45	3	96.50	15	7	92.50	31	NE	NE
SB-52	99		NS	NS	4	95.00	2,770	8	91.00	139	8	91.00
SB-53	100.3	1.5	98.80	495	4	96.30	26	9	91.30	81	9	91.30
SB-54	100.5	1.5	99.00	70	3	97.50	28	8	92.50	37	8	92.50
SB-55	100	1.5	98.50	172	3	97.00	22	7	93.00	39	NE	NE
SB-56	101.5	2	99.50	177	4	97.50	73	9	92.50	135	9	92.50
SB-57	99.6	1.5	98.10	1,860	3.5	96.10	852	9	90.60	28	8	91.60
SB-58	101	1.5	99.50	83	4	97.00	1,970	11	90.00	241	10	91.00
SB-59	100.7	1.5	99.20	240	4	96.70	157	8	92.70	312	NE	NE
SB-60	100.3		NS	NS	2	98.30	452	8	92.30	140	8	92.30
SB-61	100.5	1.5	99.00	127	4	96.50	132	8	92.50	262	7	93.50
SB-62	101.1	1.5	99.60	2,190	4	97.10	2,570	8	93.10	58	8	93.10
SB-63	99.4		NS	NS	2.5	96.90	100	9	90.40	37	9	90.40
SB-64	100	1.5	98.50	1,810	4	96.00	116	8	92.00	89	NE	NE
SB-65	99.3		NS	NS	2	97.30	35	7	92.30	52	NE	NE
SB-66	99.5	1	98.50	2,410	3.5	96.00	37	7	92.50	44	NE	NE
SB-67	101	1.5	99.50	685	3	98.00	1,250	7	94.00	62	NE	NE
SB-68	99.9	1.5	98.40	290	4	95.90	808	7.5	92.40	2,230	NE	NE
SB-69	99.9	1.5	98.40	817	3	96.90	52	7	92.90	30	NE	NE
SB-70	100	1.5	98.50	1,610	3.5	96.50	2,710	9	91.00	150	8	

Footnotes on last page.

[1] - Feet relative to onsite datum.

mg/kg - Milligrams per kilogram (parts per million)

Shallow - soil samples collected at a depth of about 0-18 inches below ground surface.

Intermediate - soil samples collected at the smear zone/water table generally at a depth of about 24-48 inches below ground surface.

Deep - soil samples collected at a depth of about 7 to 9 feet below ground surface.

NS - Not sampled.

NE - Not encountered.

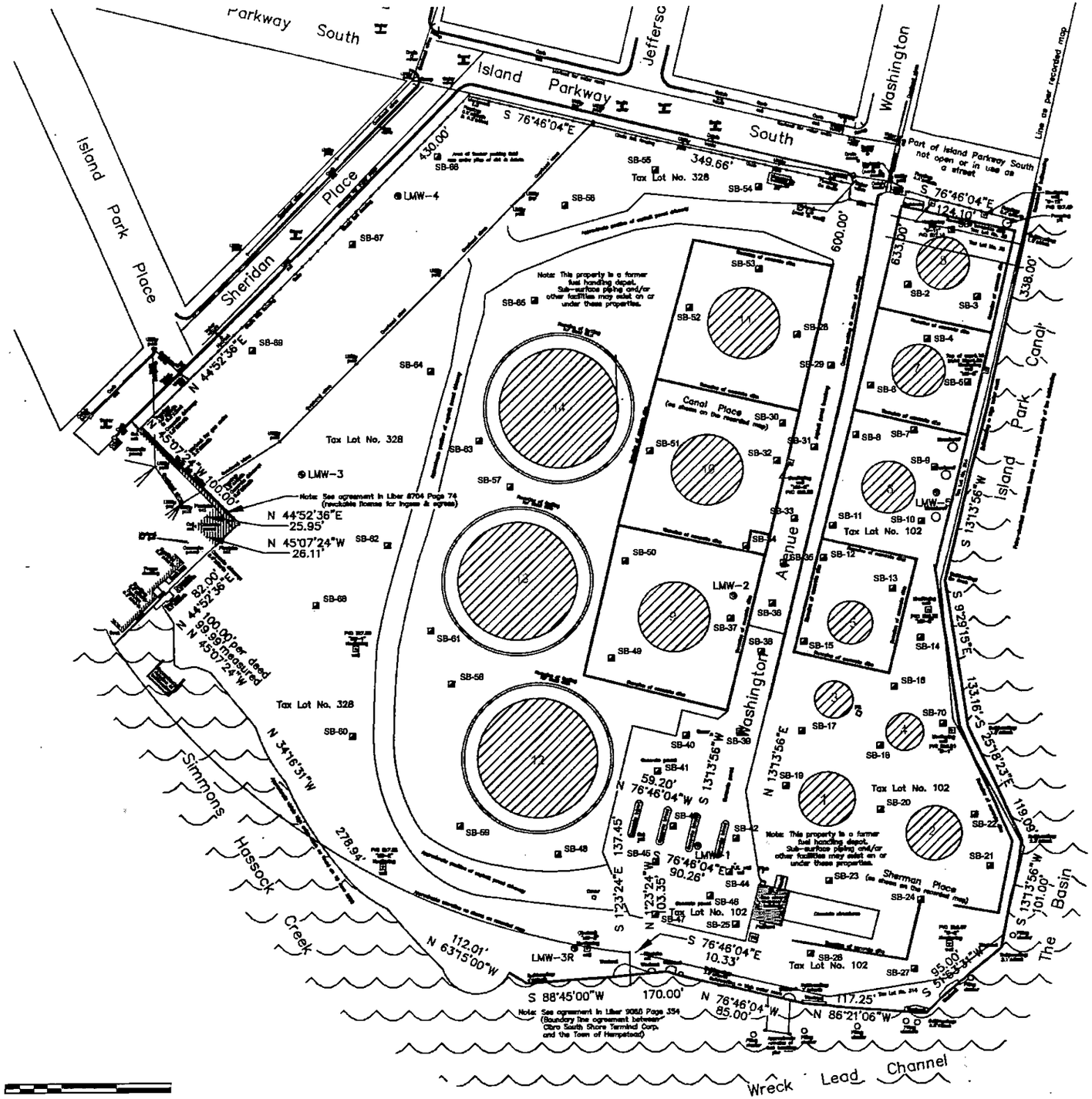
bgs - Below ground surface.

TPH - Total petroleum hydrocarbons using Method 418.1.

Prepared by/Date: SH 2/6/01 SH

Checked by/Date: DJN 2/6/01 DJN

APPENDIX B – 2



BLUE ISLAND, LLC.
FORMER CIBRO ISLAND PARK SITE
ISLAND PARK, NEW YORK

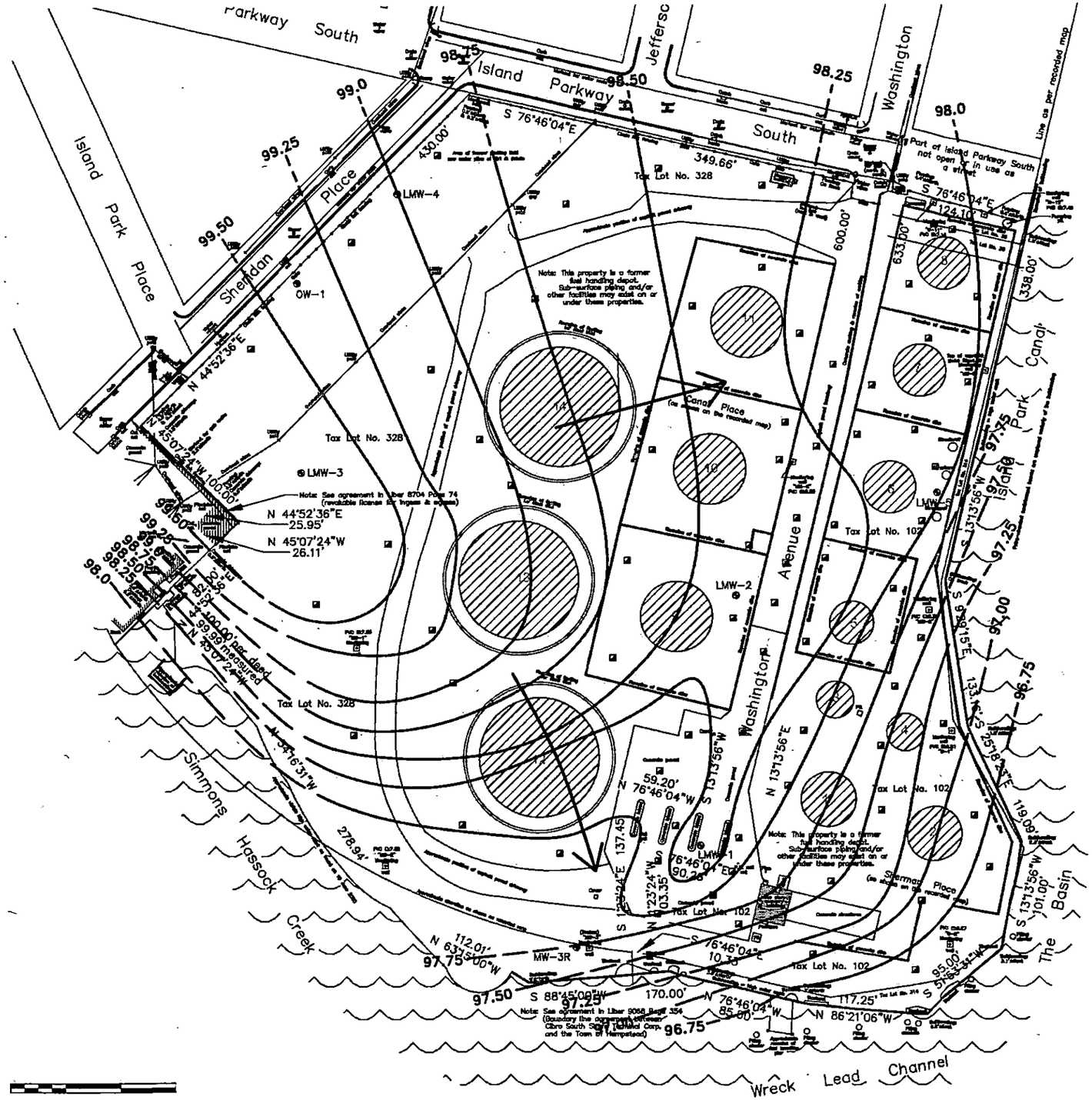
LAW
ENGINEEERING AND ENVIRONMENTAL SERVICES. INC.

DRAWING TITLE:
LOCATIONS OF GEOPROBES AND MONITORING WELLS

FIGURE NUMBER 2

SCALE:

PROJECT NUMBER 22000-0-0028



NORTH

LEGEND

- LMW-2 ⊕ — LOCATION AND DESIGNATION OF MONITORING WELLS
- (98.16) — GROUNDWATER ELEVATION FEET ABOVE SITE ASSUM DATUM
- 96.75 —— GROUNDWATER ELEVATION CONTOURS (DASHED WHERE INFERRED)
- ← HORIZONTAL DIRECTION OF GROUNDWATER FLOW
- LOCATION AND DESIGNATION OF FORMER ABOVEGROUND STORAGE TANKS

BLUE ISLAND, LLC.
FORMER CIBRO PETROLEUM FACILITY
ISLAND PARK, NEW YORK

LAW
ENGINEEERING AND ENVIRONMENTAL SERVICES, INC.

DRAWING TITLE:
CONFIGURATION OF THE WATER TABLE AQUIFER
JANUARY 8, 2001

FIGURE NUMBER: 3-1
SCALE: 1"=50'
PROJECT NUMBER: 22000-0-0026
ISSUE DATE: 31 JAN 01

Table 4-2
Well Construction Details for the Monitoring Wells Installed at the Former Cibro Petroleum Facility, Island Park, New York.

Monitoring Well Designation	Date Completed	Well Diameter (inches)	Elevation of Measuring Point1 (ft above datum)	Total Depth (ft bgs)	Screen Intervals (ft bgs)	Screen Slot Size (inches)
MW-1	NA	4	102.05	14.51	NA	NA
MW-2	NA	4	101.87	14.00	NA	NA
MW-3R	12/11/2000	2	104.55	11.00	1-11	0.02
MW-6	NA	1	98.80	4.50	NA	NA
LMW-1	12/11/2000	2	104.05	11.00	1-11	0.02
LMW-2	12/11/2000	2	103.79	11.00	1-11	0.02
LMW-3	12/11/2000	2	103.80	11.00	1-11	0.02
LMW-4	12/11/2000	2	104.69	11.00	1-11	0.02
LMW-5	12/11/2000	2	103.24	11.00	1-11	0.02
OW-1	NA	4	102.64	10.00	NA	NA
W-2	NA	4	101.07	11.00	NA	NA
W-11	NA	4	101.64	10.20	NA	NA
W-12	NA	4	101.99	10.50	NA	NA

1 - Elevation relative to onsite datum.
ft bgs - Feet below ground surface.

Prepared by/Date: SH 2/5/01
Checked by/Date: JR 2/12/01

Table 4-3

Summary of Volatile Organic Compound Analyses for Ground-Water Samples Collected at the Former Cibro Petroleum Facility, Island Park, New York.
LAW Project Number 22000-0-0026

Well Identification: Date Sampled:	MW-1 1/8/01	MW-2 1/8/01	MW-3R 1/9/01	MW-6 1/9/01	LMW-1 1/9/01	LMW-2 1/10/01	LMW-3 1/10/01	LMW-4 1/8/01	LMW-5 1/9/01	*NYSDEC Ground-Water Standards
Benzene	ND	ND	ND	ND	109	ND	ND	ND	ND	1
Toluene	ND	ND	ND	ND	ND	0.79	ND	ND	ND	5
Ethylbenzene	ND	ND	ND	ND	48	34.1	ND	ND	ND	5
m, p-xylenes	ND	ND	ND	ND	1.1	20.5	ND	ND	ND	5
o-xylenes	ND	ND	ND	ND	1	4.6	ND	ND	ND	5
Total BTEX	ND	ND	ND	ND	159.1	59.99	ND	ND	ND	NS
Isopropylbenzene	ND	ND	3.8	ND	23.3	8	ND	ND	ND	5
n-Propylbenzene	ND	ND	5.6	ND	28.5	12.1	ND	ND	ND	5
1,3,5-trimethylbenzene	ND	ND	ND	ND	4	19.9	ND	ND	ND	5
tert-butylbenzene	ND	ND	ND	ND	0.85	ND	ND	ND	ND	5
1,2,4-trimethylbenzene	ND	ND	ND	ND	ND	123	ND	ND	ND	5
sec-butylbenzene	ND	ND	2.6	ND	9.4	4.4	ND	ND	ND	5
p-isopropyltoluene	ND	ND	15.8	ND	6.1	7.9	ND	ND	ND	5
n-Butylbezene	ND	ND	ND	ND	6.5	6.8	ND	ND	ND	5
Napththalene	ND	ND	118	ND	352	148	ND	ND	ND	10
MTBE	ND	ND	ND	ND	15.9	ND	ND	ND	ND	50
Total Volatile Organic Compounds	ND	ND	145.8	ND	446..55**	330.10**	ND	ND	ND	NS

All concentrations in micrograms per liter; equivalent to parts per billion.
ND Not detected above laboratory reporting limits.
NS No Standard.
* New York State Ambient Water Quality Standards and Guidance Values, June 1998.
** Total volatile organic compounds, excluding total BTEX.

Prepared by/Date: SH 2/6/01 SH

Table 4-3
Summary of Volatile Organic Compound Analyses for Ground-Water Samples Collected at the Former Cibro Petroleum Facility, Island Park, New York. LAW Project Number 22000-0-0026

Well Identification: Date Sampled:	OW-1 1/8/01	W-2 1/10/01	W-11 1/9/01	W-12 1/9/01	FB-010801 1/8/01	FB-010901 1/9/01	TB-010801 1/8/01	TB-010901 1/10/01	*NYSDEC Ground-Water Standards
Benzene	ND	ND	ND	ND	ND	ND	ND	ND	1
Toluene	ND	ND	ND	ND	ND	ND	ND	ND	5
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	5
m, p-xylenes	ND	ND	ND	ND	ND	ND	ND	ND	5
o-xylenes	ND	ND	ND	ND	ND	ND	ND	ND	5
Total BTEX	ND	ND	ND	ND	ND	ND	ND	ND	NS
Isopropylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	5
n-Propylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	5
1,3,5-trimethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	5
tert-butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	5
1,2,4-trimethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	5
sec-butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	5
p-isopropyltoluene	ND	ND	ND	ND	ND	ND	ND	ND	5
n-Butylbezene	ND	ND	ND	ND	ND	ND	ND	ND	5
Napthalene	ND	ND	5.8	ND	ND	ND	ND	ND	10
MTBE	ND	ND	ND	ND	4.1	3.9	3.8	4.6	50
Total Volatile Organic Compounds	ND	ND	5.8	ND	4.1	3.9	3.8	4.6	NS

All concentrations in micrograms per liter; equivalent to parts per billion.
ND Not detected above laboratory reporting limits.
NS No Standard.
* New York State Ambient Water Quality Standards and Guidance Values, June 1998.

Prepared by/Date: SH 2/6/01 SR

Table 4-4
Summary of Base Neutral Compound Analyses for Ground-Water Samples Collected at the Former Cibro Petroleum Facility, Island Park, New York. LAW Project Number 22000-0-0026

Well Identification: Date Sampled:	MW-1 1/8/01	MW-2 1/8/01	MW-3R 1/9/01	MW-6 1/9/01	LMW-1 1/9/01	LMW-2 1/10/01	LMW-3 1/10/01	LMW-4 1/8/01	LMW-5 1/9/01	*NYSDEC Ground-Water Standards
Napththalene	ND	ND	44.1	0.50J	420	146	0.43J	0.43J	ND	10
Acenaphthene	ND	1.7	4.7	0.54J	7.5	6.2	ND	ND	ND	20
Fluorene	ND	ND	5.1	ND	13.8	8.9	ND	ND	ND	50
Phenanthrene	ND	ND	4.4	ND	14.3	10.8	ND	0.43J	ND	50
Anthracene	ND	ND	ND	ND	0.39J	0.77J	ND	ND	ND	50
Fluoranthene	ND	0.34J	ND	ND	ND	ND	ND	ND	ND	50
Pyrene	ND	0.24J	ND	ND	ND	ND	ND	ND	ND	50

All concentrations in micrograms per liter; equivalent to parts per billion.
ND Not detected above laboratory reporting limits.
NS No Standard.
J Indicates an estimated value; concentration reported was detected below the method detection limit.
* New York State Ambient Water Quality Standards and Guidance Values, June 1998.

Prepared by/Date: SH 2/6/01
Checked by/Date: JR 2/12/01

Table 4-4
Summary of Base Neutral Compound Analyses for Ground-Water Samples Collected at the Former Cibro Petroleum Facility, Island Park, New York.
LAW Project Number 22000-0-0026

Well Identification: Date Sampled:	OW-1 1/8/01	W-2 1/10/01	W-11 1/9/01	W-12 1/9/01	FB-010801 1/8/01	FB-010901 1/9/01	TB-010801 1/8/01	TB-011001 1/10/01	*NYSDEC Ground-Water Standards
Napththalene	ND	ND	0.72J	0.33	ND	ND	NA	NA	10
Acenaphthene	ND	ND	14.7	5	ND	ND	NA	NA	20
Fluorene	ND	ND	4.4	1.5	ND	ND	NA	NA	50
Phenanthrene	ND	ND	2.7	0.87	ND	ND	NA	NA	50
Anthracene	ND	ND	0.39J	ND	ND	ND	NA	NA	50
Fluoranthene	ND	ND	0.86	ND	ND	ND	NA	NA	50
Pyrene	ND	ND	0.39J	ND	ND	ND	NA	NA	50

All concentrations in micrograms per liter; equivalent to parts per billion.
ND Not detected above laboratory reporting limits.
NS No Standard.
J Indicates an estimated value; concentration reported was detected below the method detection limit.
NA Not analyzed.
* New York State Ambient Water Quality Standards and Guidance Values, June 1998.

Prepared by/Date: SH 2/6/01 SH
Checked by/Date: JR 2/12/01 JR

Table 4-5
Summary of Field Parameter Measurements of Ground-Water Samples Collected January 2001
at the Former Cibro Petroleum Facility, Island Park, New York.
LAW Project Number 22000-0-0026

Well ID	Date Sampled	Temperature (°C)	pH	Specific Conductance (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	Sulfide (mg/L)	Ferrous Iron (mg/L)
MW-1	1/8/01	6.51	7.00	0.466	126.6	5.58	13.3	0	0
MW-2	1/8/01	7.03	7.83	1.056	-88	1.46	12.5	0	0
MW-3R	1/9/01	7.68	6.99	2.975	-81.1	0.59	26.1	0.25	4.2
MW-6	*	*	*	*	*	*	*	*	*
OW-1	1/8/01	4.52	7.11	1.321	-81.6	2.43	8.9	0	3.8
W-2	1/10/01	7.14	6.86	1.673	45.1	0.62	15.7	0.15	0
W-11	1/9/01	5.51	6.82	32.900	-208	0.58	15.1	6.75	0
W-12	1/9/01	2.23	7.58	29.700	101.3	7.04	1.8	0.1	0
LMW-1	1/9/01	5.49	7.61	1.921	-109.2	1.86	32.1	0	2
LMW-2	1/10/01	3.41	6.95	0.756	10.4	1.81	14.2	0	2.2
LMW-3	1/10/01	3.35	6.96	1.928	-180.3	3.82	2.2	12	2.6
LMW-4	1/8/01	5.10	7.02	0.711	-189.9	1.47	13.3	1.75	3.2
LMW-5	1/9/01	5.29	6.87	32.750	107.4	4.61	0.2	0	1.5

Field parameter readings measured at time of sample collection

°C Degrees celsius.
uS/cm Microsiemens per centimeter.
ORP Oxidation-reduction potential.
mV Millivolts.
* Insufficient water for parameter readings.
DO Dissolved Oxygen.
mg/L Milligrams per liter.
NTU Nephelometric turbidity units.
NC Not collected.

Prepared/Date: SH 2/6/01
Checked/Date: JR 2/12/01 TR

Table 4-6
Summary of Biogeochemical Data for Ground-Water Samples Collected at the Former Cibro Petroleum Facility, Island Park, New York.
LAW Project Number 22000-0-0026

Well Identification: / Date Sampled:	MW-1 1/8/01	MW-2 1/8/01	MW-3R 1/9/01	MW-6 1/9/01	LMW-1 1/9/01	LMW-2 1/10/01	LMW-3 1/10/01	LMW-4 1/8/01	LMW-5 1/9/01
Iron (total)	1,840	739	29,600	NS	32,300	14,800	4,930	3,940	1,130
Iron (dissolved)	119J	58.9J	40.4J	NS	146J	57.2J	34.5J	78.3J	30.1J
Manganese (total)	53.9	68.8	660	NS	428	284	334	313	469
Dissolved manganese (dissolved)	20.5	52.9	426	NS	342	278	296	246	387
Total organic carbon	17.5	11.6	86	NS	240	102	67.7	67.2	29.2
Dissolved total organic carbon	8.62	10.4	68.9	NS	138	56.1	19.4	44.6	16.7
Alkalinity	94.6	227	912	NS	736	334	598	260	161
Ammonia	ND	0.23J	7.56	NS	10.7	2.67	0.23J	ND	ND
Biological Oxygen Demand (BOD)	2.2	21.4	15.9	NS	10.2	10.5	8	9.8	77
Chemical Oxygen Demand (COD)	39.9	33.5	203	NS	564	215	123	76.3	7,970
Chloride	103	220	738	NS	416	117	293	56.3	524
Nitrate	0.12	ND	0.017J	NS	ND	0.03	0.067	0.042	0.11
Nitrite	ND	ND	0.091	NS	0.033	0.03	0.38	ND	0.018J
Sulfate	36.9	68.2	11.1	NS	44.7	20.6	52.5	36.1	1,860
Carbon dioxide	16.9	NC	114.8	NC	NC	104.3	NC	NC	26.2
Oxygen	3.52	NC	ND	NC	NC	ND	NC	NC	ND
Nitrogen	14.8	NC	3.2	NC	NC	7.6	NC	NC	13.3
Methane	ND	NC	16.5	NC	NC	9.35	NC	NC	ND

All concentrations in milligrams per liter; equivalent to parts per million.

ND Not detected above laboratory reporting limits.

NS Not sampled; insufficient water for sample collection.

NC Not collected.

J Indicates an estimated value; concentration reported was detected below the method detection limit.

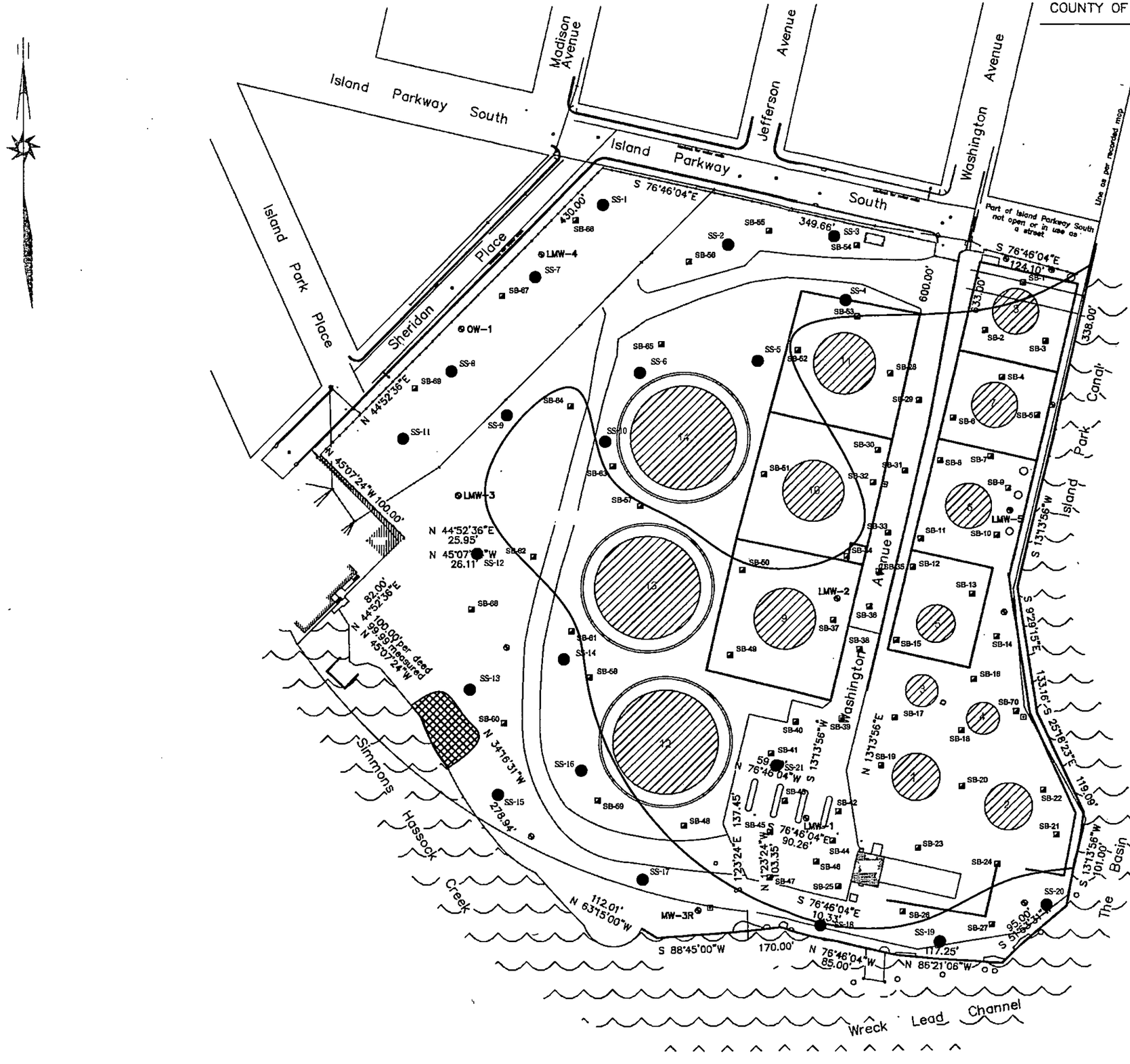
Table 4-6
Summary of Biogeochemical Data for Ground-Water Samples Collected at the Formerr Cibro Petroleum Facility, Island Park, New York.
LAW Project Number 22000-0-0026

Well Identification: / Date Sampled:	OW-1 1/8/01	W-2 1/10/01	W-11 1/9/01	W-12 1/9/01	FB-010801 1/8/01	FB-010901 1/9/01
Iron (total)	10,800	2,670	7,410	133	ND	82.3
Iron (dissolved)	48.8J	92.5J	156J	26.1J	ND	45.3J
Manganese (total)	358	172	386	15.7	ND	0.97
Dissolved manganese (dissolved)	299	166	295	16.5	ND	4.55
Total organic carbon	54.7	36.2	26.8	13.2	0.94	15.5
Dissolved total organic carbon	30.5	22.1	2.19	8.03	0.31	4.66
Alkalinity	338	256	197	105	0.98	8.78
Ammonia	ND	0.52	ND	ND	ND	ND
Biological Oxygen Demand (BOD)	2.7	31	5	21	1.6	1.25
Chemical Oxygen Demand (COD)	102	102	3,220	4,910	12.1	29
Chloride	191	400	6,160	5,470	ND	0.19
Nitrate	0.087	1.05	0.05	1.3	0.056	0.027
Nitrite	0.013J	0.008J	0.016J	0.015J	ND	ND
Sulfate	93.3	20.5	1,800	1,320	ND	ND
Carbon dioxide	65.7	60.7	27.3	NC	NC	NC
Oxygen	0.19	ND	ND	NC	NC	NC
Nitrogen	14.7	11.3	12.4	NC	NC	NC
Methane	ND	0.49	0.44	NC	NC	NC

All concentrations in milligrams per liter; equivalent to parts per million.
ND Not detected above laboratory reporting limits.
NS Not sampled; insufficient water for sample collection.
NC Not collected.
J Indicates an estimated value; concentration reported was detected below the method detection limit.

APPENDIX B – 3

COUNTY OF NASSAU SECTION 43 BLOCK 381 LOTS No. 35,36,102,314 & 328



NOTES:

LEGEND

- LOCATIONS OF GEOPROBE BORINGS
- LMW-2 LOCATION AND DESIGNATION OF MONITORING WELLS
- LOCATION AND DESIGNATION OF FORMER ABOVEGROUND STORAGE TANKS
- SS-13 LOCATION OF SUPPLEMENTAL GEOPROBE BORING
- AREA OF POTENTIAL PCB-IMPACTED SOIL
- BOUNDRY OF POTENTIAL CLEAN SOIL (TPH CONCENTRATION LESS THAN APPROXIMATELY 500 mg/Kg)

SURVEYED FOR & CERTIFIED TO:
① BLUE ISLAND DEVELOPMENT, LLC

CERTIFIED TO:
① CHICAGO TITLE INSURANCE COMPANY

SURVEYED: 23 NOVEMBER 1985
SURVEY BROUGHT TO DATE: 10 DECEMBER 1987
SURVEY BROUGHT TO DATE: 19 JUNE 2000

No.	DESCRIPTION	BY	DATE
1.	CERTIFICATIONS REVISED ONLY	J.R.	10 AUGUST 2000

REVISIONS

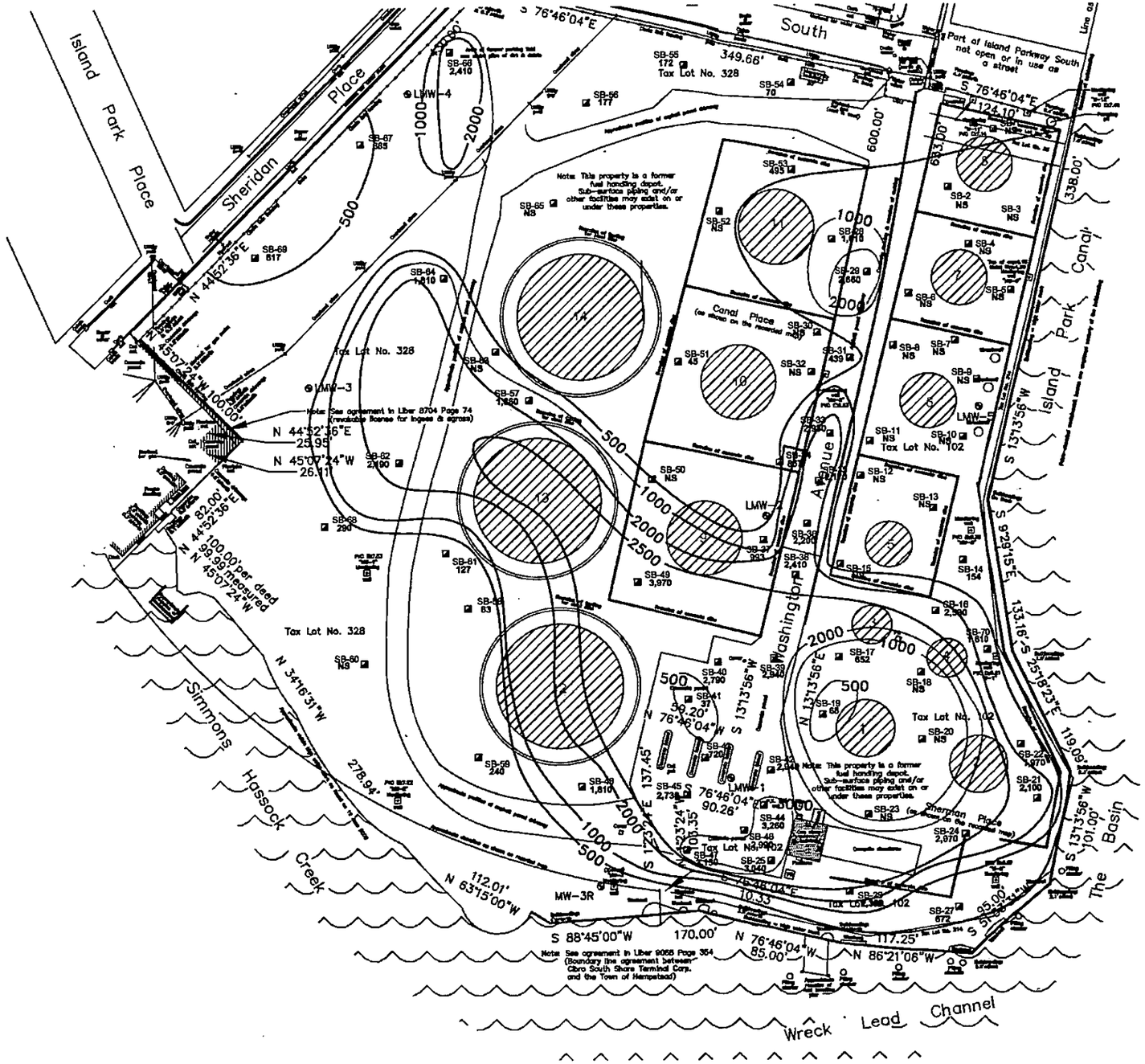
Property situated at Harbor Isle near Island Park, New York

Survey of Property

DATE

SCALE

SHT. No. 2



NORTH

LEGEND

SB-7 / 154 — SAMPLE LOCATION AND DESIGNATION; CONCENTRATION OF TOTAL PETROLEUM HYDROCARBONS (MILLIGRAMS PER KILOGRAM [MG/KG])

LOCATION AND DESIGNATION OF FORMER ABOVEGROUND STORAGE TANKS

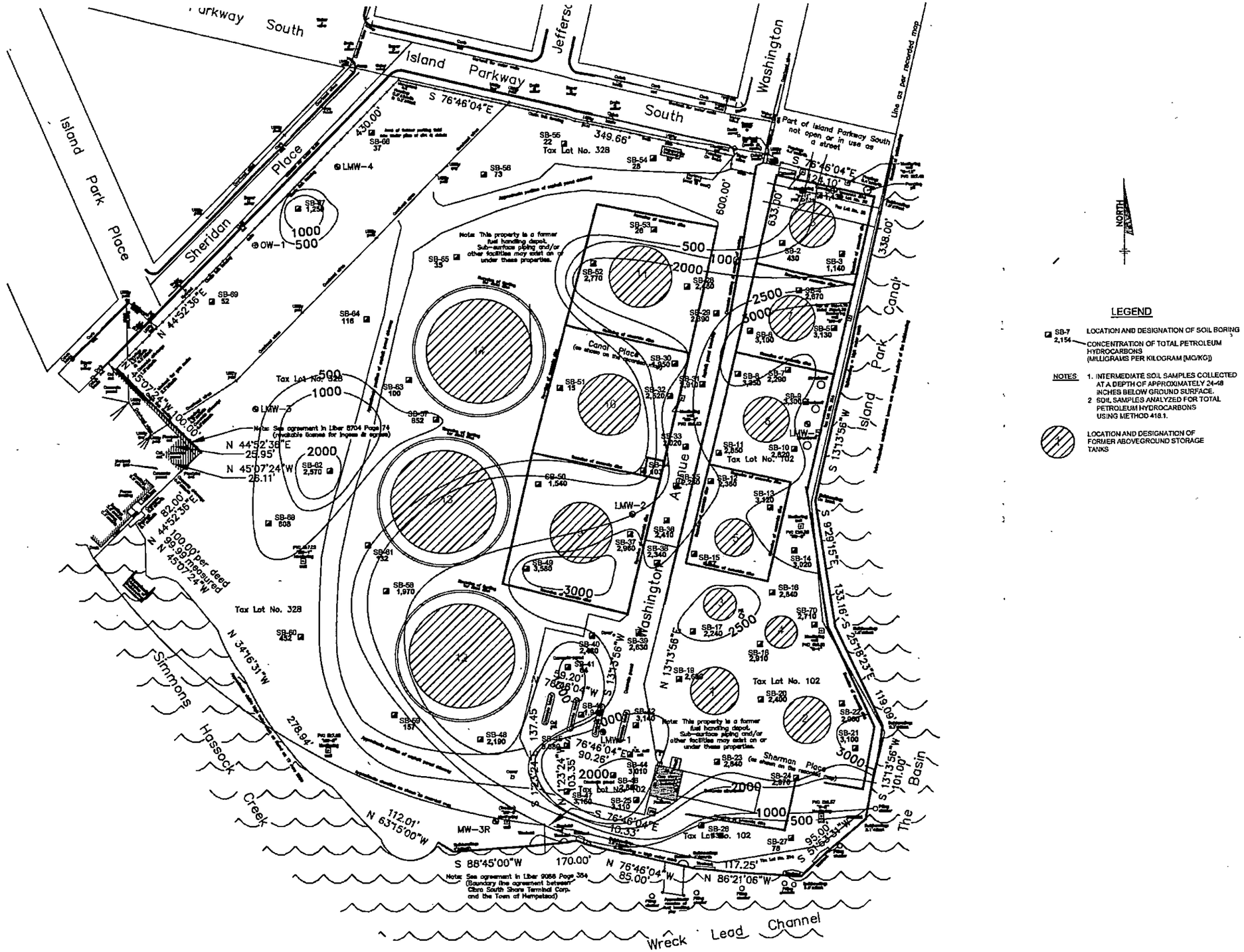
NOTES:
1. SHALLOW SOIL SAMPLES COLLECTED AT A DEPTH OF APPROXIMATELY 0-18 INCHES BELOW GROUND SURFACE.
2. SOIL SAMPLES ANALYZED FOR TOTAL PETROLEUM HYDROCARBONS USING METHOD 418.1.

BLUE ISLAND, LLC.
FORMER CIBRO PETROLEUM FACILITY
ISLAND PARK, NEW YORK

LAW
ENGINEEERING AND ENVIRONMENTAL SERVICES, INC.

DRAWING TITLE:
ISOCONCENTRATION MAP OF TOTAL PETROLEUM HYDROCARBONS IN THE SHALLOW SOIL LAYER

FIGURE NUMBER: 4-1
SCALE:
PROJECT NUMBER: 22000-0-0025
ISSUE DATE: 10/29/00


Island Park Place
Sheridan Place
Island Parkway South
Jefferson
Washington
Island Park Canal
Simmons Hassock Creek
Wreck Lead Channel
The Basin
Tax Lot No. 328
Tax Lot No. 102
Canal Place
Sherman Place
Avenue A
Note: This property is a former fuel handling depot. Sub-surface piping and/or other facilities may exist on or under these properties.
Note: See agreement in Liber 8704 Page 74 (revocable license for ingress & egress)
Note: See agreement in Liber 9066 Page 354 (Boundary line agreement between Cibro South Shore Terminal Corp. and the Town of Hempstead)
Part of Island Parkway South not open or in use as a street
Line as per recorded map
S 76°46'04"E 349.66'
S 76°46'04"E 28.10'
600.00'
633.00'
338.00'
430.00'
N 44°52'36"E 25.95'
N 45°07'24"W 28.11'
82.00'
N 44°52'36"E
100.00' per deed
N 45°07'24"W
N 34°16'31"W 278.94'
112.01'
N 63°15'00"W
S 88°45'00"W 170.00'
N 76°46'04"W 85.00'
N 86°21'06"W 117.25'
S 13°13'56"W 338.00'
S 13°13'56"W 101.00'
S 92°15'E 133.16'
S 25°18'23"E 119.09'
S 51°52'54"W 95.00'
N 13°13'56"E 137.45'
S 13°13'56"W 39.20'
N 76°46'04"W 90.26'
S 76°46'04"E 16.33'
N 12°23'24"E 103.35'
LMW-1
LMW-2
LMW-3
LMW-4
LMW-5
MW-3R
OW-1
SB-1 1,250
SB-2 430
SB-3 1,140
SB-4 2,670
SB-5 3,130
SB-6 3,100
SB-7 2,290
SB-8 3,930
SB-9 3,100
SB-10 2,620
SB-11 2,350
SB-12 3,140
SB-13 3,420
SB-14 3,020
SB-15 2,200
SB-16 2,840
SB-17 2,240
SB-18 2,910
SB-19 2,660
SB-20 2,400
SB-21 3,100
SB-22 2,960
SB-23 2,040
SB-24 2,970
SB-25 3,310
SB-26 2,480
SB-27 78
SB-28 2,590
SB-29 2,590
SB-30 4,950
SB-31 4,910
SB-32 2,520
SB-33 2020
SB-34 3010
SB-35 2,160
SB-36 2,410
SB-37 2,960
SB-38 2,340
SB-39 2,630
SB-40 2,460
SB-41 2,140
SB-42 2,190
SB-43 2,540
SB-44 3010
SB-45 2,460
SB-46 2,190
SB-47 3,160
SB-48 2,190
SB-49 3,560
SB-50 1,540
SB-51 15
SB-52 2,770
SB-53 26
SB-54 28
SB-55 22
SB-56 73
SB-57 1,250
SB-58 1,970
SB-59 157
SB-60 432
SB-61 852
SB-62 2,570
SB-63 100
SB-64 116
SB-65 35
SB-66 37
SB-67 808
SB-68 808
SB-69 52
SB-70 2,710
SB-71 2,710
SB-72 2,360
SB-73 2,360
SB-74 2,360
SB-75 2,360
SB-76 2,360
SB-77 2,360
SB-78 2,360
SB-79 2,360
SB-80 2,360
SB-81 2,360
SB-82 2,360
SB-83 2,360
SB-84 2,360
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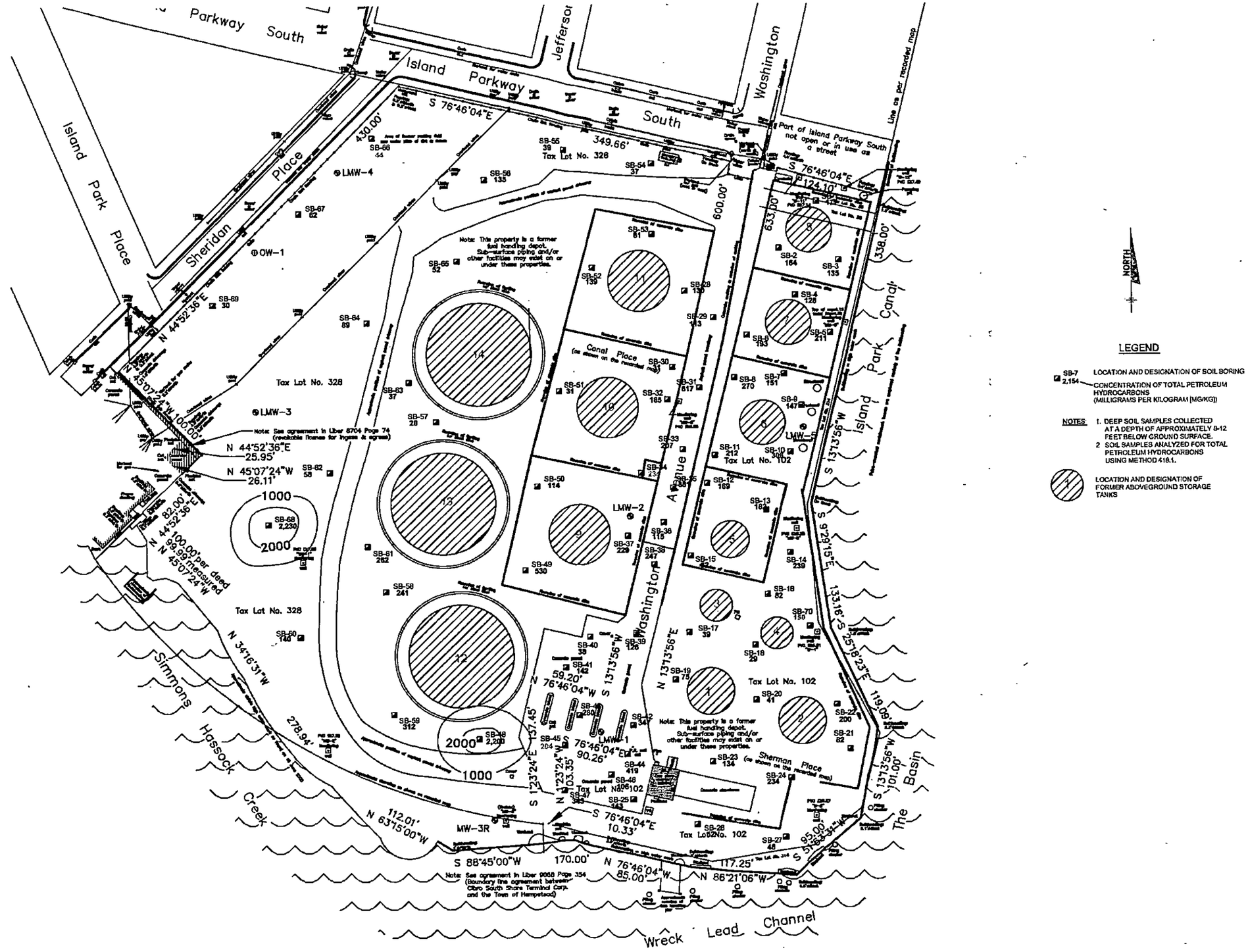
SB-89 2,360
SB-90 2,360
SB-91 2,360



NORTH

LEGEND

SB-7 2,154 — LOCATION AND DESIGNATION OF SOIL BORING; CONCENTRATION OF TOTAL PETROLEUM HYDROCARBONS (MILLIGRAMS PER KILOGRAM [MG/KG])

NOTES:
1. DEEP SOIL SAMPLES COLLECTED AT A DEPTH OF APPROXIMATELY 9-12 FEET BELOW GROUND SURFACE.
2. SOIL SAMPLES ANALYZED FOR TOTAL PETROLEUM HYDROCARBONS USING METHOD 418.1.

LOCATION AND DESIGNATION OF FORMER ABOVEGROUND STORAGE TANKS

BLUE ISLAND, LLC.
FORMER CIBRO PETROLEUM FACILITY
ISLAND PARK, NEW YORK

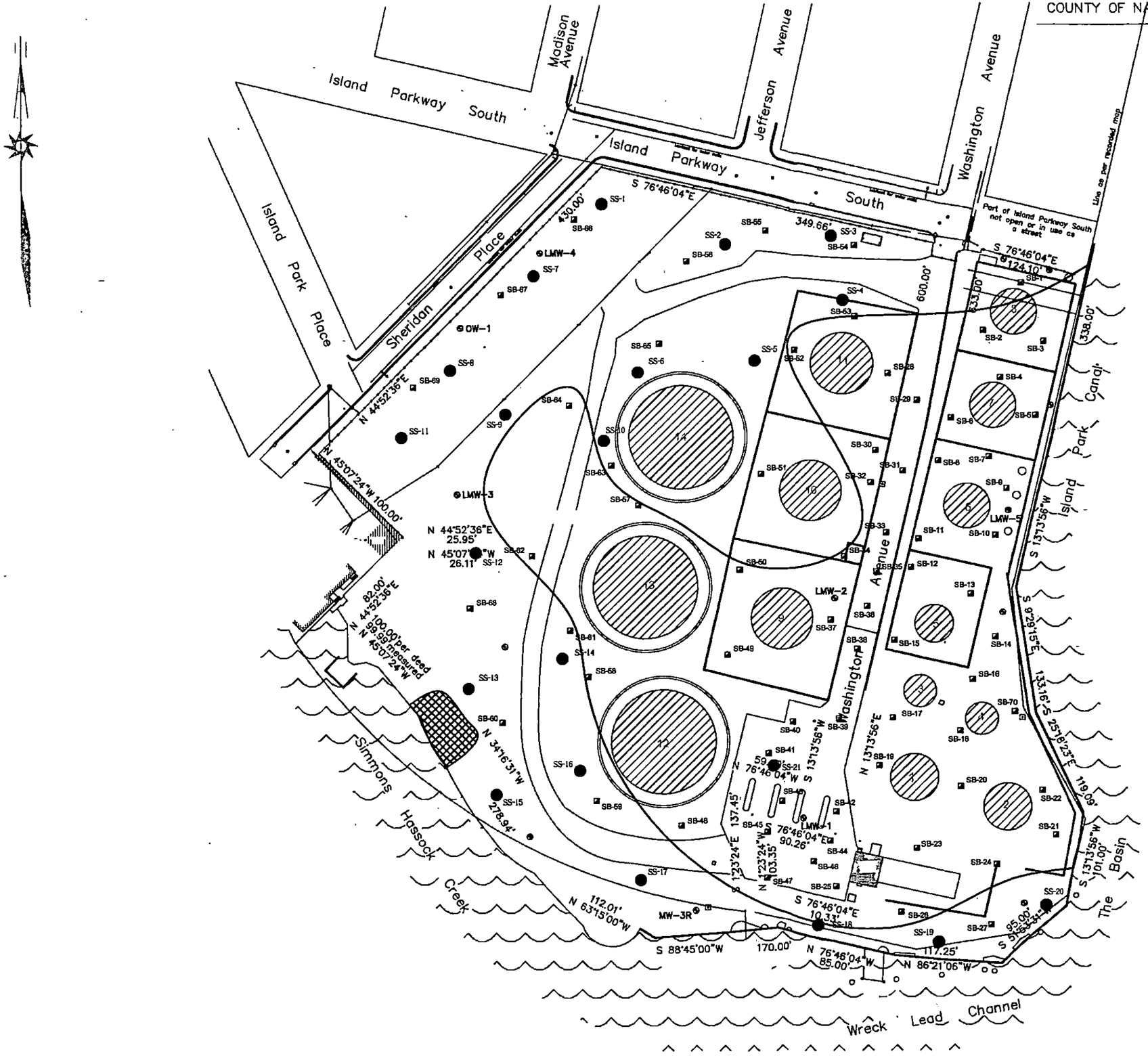
LAW
ENGINEEERING AND ENVIRONMENTAL SERVICES, INC.

DRAWING TITLE:
ISOCONCENTRATION MAP OF TOTAL PETROLEUM HYDROCARBONS IN DEEP SOIL LAYER

FIGURE NUMBER: 4-3
SCALE: 1"=5'
PROJECT NUMBER: 22000-0-0026
ISSUE DATE: 31 JAN 01

APPPENDIX B – 4

COUNTY OF NASSAU SECTION 43 BLOCK 381 LOTS No. 35,36,102,314 & 328



NOTES:

LEGEND

- LOCATIONS OF GEOPROBE BORINGS
- LMW-2 ⊕ LOCATION AND DESIGNATION OF MONITORING WELLS
- LOCATION AND DESIGNATION OF FORMER ABOVEGROUND STORAGE TANKS
- SS-13 ● LOCATION OF SUPPLEMENTAL GEOPROBE BORING
- AREA OF POTENTIAL PCB-IMPACTED SOIL
- BOUNDRY OF POTENTIAL CLEAN SOIL (TPH CONCENTRATION LESS THAN APPROXIMATELY 500 mg/Kg)

SURVEYED FOR & CERTIFIED TO:
① BLUE ISLAND DEVELOPMENT, LLC

CERTIFIED TO:
① CHICAGO TITLE INSURANCE COMPANY

SURVEYED: 23 NOVEMBER 1985
SURVEY BROUGHT TO DATE: 10 DECEMBER 1987
SURVEY BROUGHT TO DATE: 19 JUNE 2000

No.	DESCRIPTION	BY	DATE
1.	CERTIFICATIONS REVISED ONLY	J.R.	10 AUGUST 2000

REVISIONS

Property situated at Harbor Isle near Island Park, New York

Survey of Property

DATE
SCALE
SHEET No.
2

Table 1. Summary of Semi-Volatile Organic Compounds Reported at Concentrations Above NYSDEC Recommended Soil Cleanup Objectives in Soil Samples Collected at the Former Cibro Petroleum Facility, Island Park, New York.

	Sample ID:	SS-3	SS-4	SS-8	SS-9	SS-11	SS-12	NYSDEC Soil	NYSDEC
	Lab ID:	L2919-3	L2919-4	L2619-11	L2619-9	L2619-8	L2619-12	Cleanup Objectives	Recommended
	Date Sampled:	5/14/01	5/14/01	5/14/01	5/14/01	5/14/01	5/14/01	to Protect	Soil Cleanup
Compound (ug/kg)								Ground Water	Objective
Chrysene		1,300	--	--	--	665	--	400	400
Benzo(b)fluoranthene		1,330	--	--	--	--	--	1,100	1,100
Benzo(a)anthracene		1,080	--	--	--	622	--	3,000	224
Dibenzo(a,h)anthrance		117	--	--	--	55	--	165,000,000	14
Benzo(a)pyrene		792	87	229	125	585	127	11,000	61

	Sample ID:	SS-13	SS-14	SS-15	SS-16	SS-17	SS-19	NYSDEC Soil	NYSDEC
	Lab ID:	L2919-13	L2919-14	L2619-15	L2619-16	L2619-17	L2619-19	Cleanup Objectives	Recommended
	Date Sampled:	5/14/01	5/14/01	5/14/01	5/14/01	5/14/01	5/14/01	to Protect	Soil Cleanup
Compound (ug/kg)								Ground Water	Objective
Chrysene		2,920	--	--	--	5,720	845	400	400
Benzo(b)fluoranthene		3,780	--	--	--	6,610	--	1,100	1,100
Benzo(a)anthracene		2,550	--	276	--	5,760	848	3,000	224
Dibenzo(a,h)anthrance		249	--	--	--	437	--	165,000,000	14
Benzo(a)pyrene		2,600	129	--	109	3,840	631	11,000	61
Benzo(k)flouranthene		2,770	--	--	--	3,590	--	1,100	1,100

ug/kg Micrograms per kilogram; equivalent to parts per billion.

-- Compound either not detected above laboratory reporting limits or below NYSDEC standards.

Soil samples collected at locations SS-1, SS-2, SS-5, SS-6, SS-7, SS-10, SS-20, and SS-21 did not have constituents above NYSDEC standards and were not included in this table (see results in Attachment A)

Prepared/Date: DJN 7/10/01 DJN
Checked/Date: SH 7/12/01 SH

Table 2. Summary of Detected Volatile and Semi-Volatile Organic Compounds Reported at Concentrations Above NYSDEC Ambient Water Quality Standards in Ground-Water Samples Collected at the Former Cibro Petroleum Facility, Island Park, New York.

Compound (ug/L)	*Sample ID:*	W-11	MW-3R	NYSDEC Ambient Water Quality Standards
	Lab ID:	L2919-3	L2919-4	
	Date Sampled:	5/15/01	5/15/01	
VOCs				
Benzene		--	3.8	1
Naphthalene		--	67.3	10
SVOCs				
Chrysene		0.55	--	0.002
Benzo(a)anthracene		0.72	--	0.002
Acenaothene		37.5	--	20

ug/L Micrograms per liter; equivalent to parts per billion.
-- Compound either not detected above laboratory reporting limits or below NYSDEC standards.
Ground-water samples collected in monitoring wells MW-1, MW-2, LMW-3, LMW-4, OW-1, W-2, and W-12 did not have constituents detected above NYSDEC standards and were not included in this table (see results in Attachment A)

Prepared/Date: DJN 7/10/01 DJN
Checked/Date: SH 7/12/01 SH

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

05/22/2008

Laboratory Identifier: 0706425
Received: 06/22/2007 13:00

Client: Blue Water
1610 New Highway
Farmingdale,
NY 11735

Project: Island Park Pilot Study
7 Washington Ave
Island Park,
NY 11558

Manager: Kim Simone/Ellis Koch

Respectfully submitted,

Technical Director

NYS Lab ID # 10969
NJ Cert. # 73812
CT Cert. # PH0645
MA Cert. # NY061
NH Cert. # 252592-BA

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

05/22/2008

Volatiles - EPA 8260B

Sample: 0706425-1

Client Sample ID: TP-1
Matrix: Soil
Type: Grab
Remarks: See Case Narrative
Analyzed Date: 06/23/2007

Collected: 06/07/2007 09:10
% Solid: 90.4%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
67-64-1	Acetone	B2389-73	5.62	**17.1**	ug/Kg	J
56-23-5	Carbon Tetrachloride	B2389-73	0.63	0.63	ug/Kg	U
67-66-3	Chloroform	B2389-73	0.52	0.52	ug/Kg	U
71-43-2	Benzene	B2389-73	0.56	0.56	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	B2389-73	0.56	0.56	ug/Kg	U
74-83-9	Bromomethane	B2389-73	0.58	0.58	ug/Kg	U
74-87-3	Chloromethane	B2389-73	0.43	0.43	ug/Kg	U
74-95-3	Dibromomethane	B2389-73	0.56	0.56	ug/Kg	U
74-97-5	Bromochloromethane	B2389-73	1.11	1.11	ug/Kg	U
75-00-3	Chloroethane	B2389-73	1.41	1.41	ug/Kg	U
75-01-4	Vinyl Chloride	B2389-73	0.65	0.65	ug/Kg	U
75-09-2	Methylene Chloride	B2389-73	0.94	**13.1**	ug/Kg	B
75-15-0	Carbon disulfide	B2389-73	1.39	1.39	ug/Kg	U
75-25-2	Bromoform	B2389-73	1.25	1.25	ug/Kg	U
75-27-4	Bromodichloromethane	B2389-73	0.48	0.48	ug/Kg	U
75-34-3	1,1-Dichloroethane	B2389-73	0.49	0.49	ug/Kg	U
75-35-4	1,1-Dichloroethene	B2389-73	0.77	0.77	ug/Kg	U
75-45-6	Chlorodifluoromethane	B2389-73	0.72	0.72	ug/Kg	U
75-65-0	Tertiary butyl alcohol	B2389-73	19.3	19.3	ug/Kg	U
75-69-4	Trichlorofluoromethane	B2389-73	0.71	0.71	ug/Kg	U
75-71-8	Dichlorodifluoromethane	B2389-73	0.59	0.59	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	B2389-73	0.82	0.82	ug/Kg	U
78-87-5	1,2-Dichloropropane	B2389-73	0.42	0.42	ug/Kg	U
78-93-3	2-Butanone	B2389-73	3.51	3.51	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	B2389-73	0.98	0.98	ug/Kg	U
79-01-6	Trichloroethene	B2389-73	0.40	0.40	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	B2389-73	1.59	1.59	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	B2389-73	1.14	1.14	ug/Kg	U
87-68-3	Hexachlorobutadiene	B2389-73	1.10	1.10	ug/Kg	U
91-20-3	Naphthalene	B2389-73	1.35	1.35	ug/Kg	U
95-47-6	o-xylene	B2389-73	0.83	0.83	ug/Kg	U
95-49-8	2-Chlorotoluene	B2389-73	0.99	0.99	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	B2389-73	1.31	1.31	ug/Kg	U

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

05/22/2008

Volatiles - EPA 8260B

Sample: 0706425-1
Client Sample ID: TP-1
Matrix: Soil
Type: Grab
Collected: 06/07/2007 09:10
% Solid: 90.4%
Remarks: See Case Narrative
Analyzed Date: 06/23/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
95-63-6	1,2,4-Trimethylbenzene	B2389-73	1.04	1.04	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	A2536-3046	58.0	**8930**	ug/Kg	
96-12-8	1,2-Dibromo-3-chloropropane	B2389-73	2.54	2.54	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	B2389-73	2.23	2.23	ug/Kg	U
98-06-6	tert-Butylbenzene	B2389-73	1.07	**7.21**	ug/Kg	
98-82-8	Isopropylbenzene	B2389-73	0.70	0.70	ug/Kg	U
99-87-6	4-Isopropyltoluene	B2389-73	0.88	**2.53**	ug/Kg	J
100-41-4	Ethylbenzene	B2389-73	0.48	0.48	ug/Kg	U
100-42-5	Styrene	B2389-73	0.82	0.82	ug/Kg	U
103-65-1	n-Propylbenzene	B2389-73	0.80	0.80	ug/Kg	U
104-51-8	n-Butylbenzene	B2389-73	0.99	0.99	ug/Kg	U
105-05-5	p-Diethylbenzene	B2389-73	1.10	**24.9**	ug/Kg	
106-43-4	4-Chlorotoluene	B2389-73	1.09	1.09	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	B2389-73	1.14	1.14	ug/Kg	U
106-93-4	1,2-Dibromoethane	B2389-73	0.82	0.82	ug/Kg	U
107-06-2	1,2-Dichloroethane	B2389-73	0.63	0.63	ug/Kg	U
107-13-1	Acrylonitrile	B2389-73	6.80	6.80	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	B2389-73	2.15	2.15	ug/Kg	U
108-38-3	m,p-xylene	B2389-73	1.11	1.11	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	B2389-73	0.91	0.91	ug/Kg	U
108-86-1	Bromobenzene	B2389-73	0.90	0.90	ug/Kg	U
108-88-3	Toluene	B2389-73	0.42	0.42	ug/Kg	U
108-90-7	Chlorobenzene	B2389-73	0.57	0.57	ug/Kg	U
110-75-8	2-Chloroethylvinylether	B2389-73	3.76	3.76	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	B2389-73	1.11	1.11	ug/Kg	U
124-48-1	Dibromochloromethane	B2389-73	0.80	0.80	ug/Kg	U
127-18-4	Tetrachloroethene	B2389-73	0.64	0.64	ug/Kg	U
135-98-8	sec-Butylbenzene	B2389-73	0.92	0.92	ug/Kg	U
142-28-9	1,3-Dichloropropane	B2389-73	0.60	0.60	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	B2389-73	0.60	0.60	ug/Kg	U
156-60-5	t-1,2-Dichloroethene	B2389-73	0.47	0.47	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	B2389-73	1.10	1.10	ug/Kg	U
563-58-6	1,1-Dichloropropene	B2389-73	1.17	1.17	ug/Kg	U

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

05/22/2008

Volatiles - EPA 8260B

Sample: 0706425-1

Client Sample ID: TP-1
Matrix: Soil
Type: Grab
Collected: 06/07/2007 09:10
% Solid: 90.4%
Remarks: See Case Narrative
Analyzed Date: 06/23/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
590-20-7	2,2-Dichloropropane	B2389-73	0.85	0.85	ug/Kg	U
591-78-6	2-Hexanone	B2389-73	1.93	1.93	ug/Kg	U
622-96-8	p-Ethyltoluene	B2389-73	1.02	1.02	ug/Kg	U
630-20-6	1,1,1,2-Tetrachloroethane	B2389-73	0.88	0.88	ug/Kg	U
994-05-8	TAME	B2389-73	2.33	2.33	ug/Kg	U
1634-04-4	Methyl t-butyl ether	B2389-73	0.56	0.56	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	B2389-73	0.54	0.54	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	B2389-73	0.54	0.54	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	B2389-73	103.0 %	(68 - 120)	
460-00-4	4-BROMOFLUOROBENZENE	B2389-73	92.1 %	(80 - 110)	
4774-33-8	DIBROMOFLUOROMETHANE	B2389-73	106.0 %	(68 - 156)	
2037-26-5	TOLUENE-D8	B2389-73	95.6 %	(87 - 113)	
17060-07-0	1,2-DICHLOROETHANE-D4	A2536-3046	103.0 %	(70 - 124)	
460-00-4	4-BROMOFLUOROBENZENE	A2536-3046	103.0 %	(74 - 124)	
4774-33-8	DIBROMOFLUOROMETHANE	A2536-3046	103.0 %	(77 - 162)	
2037-26-5	TOLUENE-D8	A2536-3046	101.0 %	(73 - 120)	

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

05/22/2008

Volatiles - EPA 8260B

Sample: 0706425-2

Client Sample ID: TP-4
Matrix: Soil
Type: Grab
Remarks: See Case Narrative
Analyzed Date: 06/23/2007

Collected: 06/07/2007 11:45
% Solid: 52.2%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
67-64-1	Acetone	B2389-74	9.72	**16.5**	ug/Kg	J
56-23-5	Carbon Tetrachloride	B2389-74	1.09	1.09	ug/Kg	U
67-66-3	Chloroform	B2389-74	0.90	0.90	ug/Kg	U
71-43-2	Benzene	B2389-74	0.96	0.96	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	B2389-74	0.96	0.96	ug/Kg	U
74-83-9	Bromomethane	B2389-74	1.00	1.00	ug/Kg	U
74-87-3	Chloromethane	B2389-74	0.75	0.75	ug/Kg	U
74-95-3	Dibromomethane	B2389-74	0.96	0.96	ug/Kg	U
74-97-5	Bromochloromethane	B2389-74	1.92	1.92	ug/Kg	U
75-00-3	Chloroethane	B2389-74	2.44	2.44	ug/Kg	U
75-01-4	Vinyl Chloride	B2389-74	1.13	1.13	ug/Kg	U
75-09-2	Methylene Chloride	B2389-74	1.63	**35.1**	ug/Kg	B
75-15-0	Carbon disulfide	B2389-74	2.40	**53.7**	ug/Kg	
75-25-2	Bromoform	B2389-74	2.17	2.17	ug/Kg	U
75-27-4	Bromodichloromethane	B2389-74	0.83	0.83	ug/Kg	U
75-34-3	1,1-Dichloroethane	B2389-74	0.84	0.84	ug/Kg	U
75-35-4	1,1-Dichloroethene	B2389-74	1.32	1.32	ug/Kg	U
75-45-6	Chlorodifluoromethane	B2389-74	1.25	1.25	ug/Kg	U
75-65-0	Tertiary butyl alcohol	B2389-74	33.4	33.4	ug/Kg	U
75-69-4	Trichlorofluoromethane	B2389-74	1.23	1.23	ug/Kg	U
75-71-8	Dichlorodifluoromethane	B2389-74	1.02	1.02	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	B2389-74	1.42	1.42	ug/Kg	U
78-87-5	1,2-Dichloropropane	B2389-74	0.73	0.73	ug/Kg	U
78-93-3	2-Butanone	B2389-74	6.07	6.07	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	B2389-74	1.69	1.69	ug/Kg	U
79-01-6	Trichloroethene	B2389-74	0.69	0.69	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	B2389-74	2.75	2.75	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	B2389-74	1.98	1.98	ug/Kg	U
87-68-3	Hexachlorobutadiene	B2389-74	1.90	1.90	ug/Kg	U
91-20-3	Naphthalene	B2389-74	2.34	2.34	ug/Kg	U
95-47-6	o-xylene	B2389-74	1.44	1.44	ug/Kg	U
95-49-8	2-Chlorotoluene	B2389-74	1.71	1.71	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	B2389-74	2.27	2.27	ug/Kg	U

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706425-2
Client Sample ID: TP-4
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 06/23/2007

Type: Grab

Collected: 06/07/2007 11:45
% Solid: 52.2%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
95-63-6	1,2,4-Trimethylbenzene	B2389-74	1.80	1.80	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	B2389-74	2.09	**8.13**	ug/Kg	J
96-12-8	1,2-Dibromo-3-chloropropane	B2389-74	4.40	4.40	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	B2389-74	3.86	3.86	ug/Kg	U
98-06-6	tert-Butylbenzene	B2389-74	1.84	1.84	ug/Kg	U
98-82-8	Isopropylbenzene	B2389-74	1.21	1.21	ug/Kg	U
99-87-6	4-Isopropyltoluene	B2389-74	1.52	1.52	ug/Kg	U
100-41-4	Ethylbenzene	B2389-74	0.83	0.83	ug/Kg	U
100-42-5	Styrene	B2389-74	1.42	1.42	ug/Kg	U
103-65-1	n-Propylbenzene	B2389-74	1.38	1.38	ug/Kg	U
104-51-8	n-Butylbenzene	B2389-74	1.71	1.71	ug/Kg	U
105-05-5	p-Diethylbenzene	B2389-74	1.90	**2.38**	ug/Kg	J
106-43-4	4-Chlorotoluene	B2389-74	1.88	1.88	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	B2389-74	1.98	1.98	ug/Kg	U
106-93-4	1,2-Dibromoethane	B2389-74	1.42	1.42	ug/Kg	U
107-06-2	1,2-Dichloroethane	B2389-74	1.09	1.09	ug/Kg	U
107-13-1	Acrylonitrile	B2389-74	11.8	11.8	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	B2389-74	3.72	3.72	ug/Kg	U
108-38-3	m,p-xylene	B2389-74	1.92	1.92	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	B2389-74	1.57	1.57	ug/Kg	U
108-86-1	Bromobenzene	B2389-74	1.56	1.56	ug/Kg	U
108-88-3	Toluene	B2389-74	0.73	0.73	ug/Kg	U
108-90-7	Chlorobenzene	B2389-74	0.98	0.98	ug/Kg	U
110-75-8	2-Chloroethylvinylether	B2389-74	6.51	6.51	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	B2389-74	1.92	**3.34**	ug/Kg	J
124-48-1	Dibromochloromethane	B2389-74	1.38	1.38	ug/Kg	U
127-18-4	Tetrachloroethene	B2389-74	1.11	1.11	ug/Kg	U
135-98-8	sec-Butylbenzene	B2389-74	1.59	1.59	ug/Kg	U
142-28-9	1,3-Dichloropropane	B2389-74	1.04	1.04	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	B2389-74	1.04	1.04	ug/Kg	U
156-60-5	t-1,2-Dichloroethene	B2389-74	0.81	0.81	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	B2389-74	1.90	1.90	ug/Kg	U
563-58-6	1,1-Dichloropropene	B2389-74	2.02	2.02	ug/Kg	U

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706425-2

Client Sample ID: TP-4
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 06/23/2007

Type: Grab

Collected: 06/07/2007 11:45
% Solid: 52.2%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
590-20-7	2,2-Dichloropropane	B2389-74	1.48	1.48	ug/Kg	U
591-78-6	2-Hexanone	B2389-74	3.34	3.34	ug/Kg	U
622-96-8	p-Ethyltoluene	B2389-74	1.77	1.77	ug/Kg	U
630-20-6	1,1,1,2-Tetrachloroethane	B2389-74	1.52	1.52	ug/Kg	U
994-05-8	TAME	B2389-74	4.03	4.03	ug/Kg	U
1634-04-4	Methyl t-butyl ether	B2389-74	0.96	0.96	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	B2389-74	0.94	0.94	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	B2389-74	0.94	0.94	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	B2389-74	100.0 %	(68 - 120)	
460-00-4	4-BROMOFLUOROBENZENE	B2389-74	92.2 %	(80 - 110)	
4774-33-8	DIBROMOFLUOROMETHANE	B2389-74	101.0 %	(68 - 156)	
2037-26-5	TOLUENE-D8	B2389-74	94.8 %	(87 - 113)	

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706425-3

Client Sample ID: TP-5
Matrix: Soil
Type: Grab
Remarks: See Case Narrative
Analyzed Date: 06/23/2007

Collected: 06/07/2007 07:50
% Solid: 83.3%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
67-64-1	Acetone	B2389-81	30.4	30.4	ug/Kg	U
56-23-5	Carbon Tetrachloride	B2389-81	3.42	3.42	ug/Kg	U
67-66-3	Chloroform	B2389-81	2.82	2.82	ug/Kg	U
71-43-2	Benzene	B2389-81	3.00	3.00	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	B2389-81	3.00	3.00	ug/Kg	U
74-83-9	Bromomethane	B2389-81	3.12	3.12	ug/Kg	U
74-87-3	Chloromethane	B2389-81	2.34	2.34	ug/Kg	U
74-95-3	Dibromomethane	B2389-81	3.00	3.00	ug/Kg	U
74-97-5	Bromochloromethane	B2389-81	6.00	6.00	ug/Kg	U
75-00-3	Chloroethane	B2389-81	7.62	7.62	ug/Kg	U
75-01-4	Vinyl Chloride	B2389-81	3.54	3.54	ug/Kg	U
75-09-2	Methylene Chloride	B2389-81	5.10	**42.6**	ug/Kg	B
75-15-0	Carbon disulfide	B2389-81	7.50	7.50	ug/Kg	U
75-25-2	Bromoform	B2389-81	6.78	6.78	ug/Kg	U
75-27-4	Bromodichloromethane	B2389-81	2.58	2.58	ug/Kg	U
75-34-3	1,1-Dichloroethane	B2389-81	2.64	2.64	ug/Kg	U
75-35-4	1,1-Dichloroethene	B2389-81	4.14	4.14	ug/Kg	U
75-45-6	Chlorodifluoromethane	B2389-81	3.90	3.90	ug/Kg	U
75-65-0	Tertiary butyl alcohol	B2389-81	104	104	ug/Kg	U
75-69-4	Trichlorofluoromethane	B2389-81	3.84	3.84	ug/Kg	U
75-71-8	Dichlorodifluoromethane	B2389-81	3.18	3.18	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	B2389-81	4.44	4.44	ug/Kg	U
78-87-5	1,2-Dichloropropane	B2389-81	2.28	2.28	ug/Kg	U
78-93-3	2-Butanone	B2389-81	19.0	19.0	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	B2389-81	5.28	5.28	ug/Kg	U
79-01-6	Trichloroethene	B2389-81	2.16	2.16	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	B2389-81	8.58	8.58	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	B2389-81	6.18	6.18	ug/Kg	U
87-68-3	Hexachlorobutadiene	B2389-81	5.94	5.94	ug/Kg	U
91-20-3	Naphthalene	B2389-81	7.32	7.32	ug/Kg	U
95-47-6	o-xylene	B2389-81	4.50	4.50	ug/Kg	U
95-49-8	2-Chlorotoluene	B2389-81	5.34	5.34	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	B2389-81	7.08	7.08	ug/Kg	U

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706425-3
Client Sample ID: TP-5
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 06/23/2007

Type: Grab

Collected: 06/07/2007 07:50
% Solid: 83.3%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
95-63-6	1,2,4-Trimethylbenzene	B2389-81	5.64	5.64	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	B2389-81	6.54	**209**	ug/Kg	
96-12-8	1,2-Dibromo-3-chloropropane	B2389-81	13.7	13.7	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	B2389-81	12.1	12.1	ug/Kg	U
98-06-6	tert-Butylbenzene	B2389-81	5.76	5.76	ug/Kg	U
98-82-8	Isopropylbenzene	B2389-81	3.78	3.78	ug/Kg	U
99-87-6	4-Isopropyltoluene	B2389-81	4.74	**47.3**	ug/Kg	
100-41-4	Ethylbenzene	B2389-81	2.58	2.58	ug/Kg	U
100-42-5	Styrene	B2389-81	4.44	4.44	ug/Kg	U
103-65-1	n-Propylbenzene	B2389-81	4.32	4.32	ug/Kg	U
104-51-8	n-Butylbenzene	B2389-81	5.34	5.34	ug/Kg	U
105-05-5	p-Diethylbenzene	B2389-81	5.94	5.94	ug/Kg	U
106-43-4	4-Chlorotoluene	B2389-81	5.88	5.88	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	B2389-81	6.18	6.18	ug/Kg	U
106-93-4	1,2-Dibromoethane	B2389-81	4.44	4.44	ug/Kg	U
107-06-2	1,2-Dichloroethane	B2389-81	3.42	3.42	ug/Kg	U
107-13-1	Acrylonitrile	B2389-81	36.8	36.8	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	B2389-81	11.6	11.6	ug/Kg	U
108-38-3	m,p-xylene	B2389-81	6.00	6.00	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	B2389-81	4.92	**13.5**	ug/Kg	J
108-86-1	Bromobenzene	B2389-81	4.86	4.86	ug/Kg	U
108-88-3	Toluene	B2389-81	2.28	2.28	ug/Kg	U
108-90-7	Chlorobenzene	B2389-81	3.06	3.06	ug/Kg	U
110-75-8	2-Chloroethylvinylether	B2389-81	20.3	20.3	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	B2389-81	6.00	6.00	ug/Kg	U
124-48-1	Dibromochloromethane	B2389-81	4.32	4.32	ug/Kg	U
127-18-4	Tetrachloroethene	B2389-81	3.48	3.48	ug/Kg	U
135-98-8	sec-Butylbenzene	B2389-81	4.98	4.98	ug/Kg	U
142-28-9	1,3-Dichloropropane	B2389-81	3.24	3.24	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	B2389-81	3.24	3.24	ug/Kg	U
156-60-5	t-1,2-Dichloroethene	B2389-81	2.52	2.52	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	B2389-81	5.94	5.94	ug/Kg	U
563-58-6	1,1-Dichloropropene	B2389-81	6.30	6.30	ug/Kg	U

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706425-3

Client Sample ID: TP-5
Matrix: Soil
Type: Grab
Collected: 06/07/2007 07:50
% Solid: 83.3%
Remarks: See Case Narrative
Analyzed Date: 06/23/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
590-20-7	2,2-Dichloropropane	B2389-81	4.62	4.62	ug/Kg	U
591-78-6	2-Hexanone	B2389-81	10.4	10.4	ug/Kg	U
622-96-8	p-Ethyltoluene	B2389-81	5.52	5.52	ug/Kg	U
630-20-6	1,1,1,2-Tetrachloroethane	B2389-81	4.74	4.74	ug/Kg	U
994-05-8	TAME	B2389-81	12.6	12.6	ug/Kg	U
1634-04-4	Methyl t-butyl ether	B2389-81	3.00	3.00	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	B2389-81	2.94	2.94	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	B2389-81	2.94	2.94	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	B2389-81	96.2 %	(68 - 120)	
460-00-4	4-BROMOFLUOROBENZENE	B2389-81	94.4 %	(80 - 110)	
4774-33-8	DIBROMOFLUOROMETHANE	B2389-81	103.0 %	(68 - 156)	
2037-26-5	TOLUENE-D8	B2389-81	94.1 %	(87 - 113)	

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706425-4

Client Sample ID: TP-7
Matrix: Soil
Type: Grab
Remarks: See Case Narrative
Analyzed Date: 06/23/2007

Collected: 06/07/2007 10:40
% Solid: 84.8%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
67-64-1	Acetone	B2389-75	5.97	5.97	ug/Kg	U
56-23-5	Carbon Tetrachloride	B2389-75	0.67	0.67	ug/Kg	U
67-66-3	Chloroform	B2389-75	0.55	0.55	ug/Kg	U
71-43-2	Benzene	B2389-75	0.59	0.59	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	B2389-75	0.59	0.59	ug/Kg	U
74-83-9	Bromomethane	B2389-75	0.61	0.61	ug/Kg	U
74-87-3	Chloromethane	B2389-75	0.46	0.46	ug/Kg	U
74-95-3	Dibromomethane	B2389-75	0.59	0.59	ug/Kg	U
74-97-5	Bromochloromethane	B2389-75	1.18	1.18	ug/Kg	U
75-00-3	Chloroethane	B2389-75	1.50	1.50	ug/Kg	U
75-01-4	Vinyl Chloride	B2389-75	0.70	0.70	ug/Kg	U
75-09-2	Methylene Chloride	B2389-75	1.00	**16.2**	ug/Kg	B
75-15-0	Carbon disulfide	B2389-75	1.48	1.48	ug/Kg	U
75-25-2	Bromoform	B2389-75	1.33	1.33	ug/Kg	U
75-27-4	Bromodichloromethane	B2389-75	0.51	0.51	ug/Kg	U
75-34-3	1,1-Dichloroethane	B2389-75	0.52	0.52	ug/Kg	U
75-35-4	1,1-Dichloroethene	B2389-75	0.81	0.81	ug/Kg	U
75-45-6	Chlorodifluoromethane	B2389-75	0.77	0.77	ug/Kg	U
75-65-0	Tertiary butyl alcohol	B2389-75	20.5	20.5	ug/Kg	U
75-69-4	Trichlorofluoromethane	B2389-75	0.76	0.76	ug/Kg	U
75-71-8	Dichlorodifluoromethane	B2389-75	0.63	0.63	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	B2389-75	0.87	0.87	ug/Kg	U
78-87-5	1,2-Dichloropropane	B2389-75	0.45	0.45	ug/Kg	U
78-93-3	2-Butanone	B2389-75	3.73	3.73	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	B2389-75	1.04	1.04	ug/Kg	U
79-01-6	Trichloroethene	B2389-75	0.42	0.42	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	B2389-75	1.69	1.69	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	B2389-75	1.22	1.22	ug/Kg	U
87-68-3	Hexachlorobutadiene	B2389-75	1.17	1.17	ug/Kg	U
91-20-3	Naphthalene	B2389-75	1.44	1.44	ug/Kg	U
95-47-6	o-xylene	B2389-75	0.88	0.88	ug/Kg	U
95-49-8	2-Chlorotoluene	B2389-75	1.05	1.05	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	B2389-75	1.39	1.39	ug/Kg	U

Environmental Testing Laboratories, Inc.
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05/22/2008

Volatiles - EPA 8260B

Sample: 0706425-4
Client Sample ID: TP-7
Matrix: Soil
Type: Grab
Collected: 06/07/2007 10:40
% Solid: 84.8%
Remarks: See Case Narrative
Analyzed Date: 06/23/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
95-63-6	1,2,4-Trimethylbenzene	B2389-75	1.11	**1.78**	ug/Kg	J
95-93-2	1,2,4,5-Tetramethylbenzene	B2389-75	1.29	1.29	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	B2389-75	2.70	2.70	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	B2389-75	2.37	2.37	ug/Kg	U
98-06-6	tert-Butylbenzene	B2389-75	1.13	1.13	ug/Kg	U
98-82-8	Isopropylbenzene	B2389-75	0.74	0.74	ug/Kg	U
99-87-6	4-Isopropyltoluene	B2389-75	0.93	0.93	ug/Kg	U
100-41-4	Ethylbenzene	B2389-75	0.51	0.51	ug/Kg	U
100-42-5	Styrene	B2389-75	0.87	0.87	ug/Kg	U
103-65-1	n-Propylbenzene	B2389-75	0.85	0.85	ug/Kg	U
104-51-8	n-Butylbenzene	B2389-75	1.05	1.05	ug/Kg	U
105-05-5	p-Diethylbenzene	B2389-75	1.17	1.17	ug/Kg	U
106-43-4	4-Chlorotoluene	B2389-75	1.16	1.16	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	B2389-75	1.22	1.22	ug/Kg	U
106-93-4	1,2-Dibromoethane	B2389-75	0.87	0.87	ug/Kg	U
107-06-2	1,2-Dichloroethane	B2389-75	0.67	0.67	ug/Kg	U
107-13-1	Acrylonitrile	B2389-75	7.23	7.23	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	B2389-75	2.29	2.29	ug/Kg	U
108-38-3	m,p-xylene	B2389-75	1.18	1.18	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	B2389-75	0.97	0.97	ug/Kg	U
108-86-1	Bromobenzene	B2389-75	0.96	0.96	ug/Kg	U
108-88-3	Toluene	B2389-75	0.45	0.45	ug/Kg	U
108-90-7	Chlorobenzene	B2389-75	0.60	0.60	ug/Kg	U
110-75-8	2-Chloroethylvinylether	B2389-75	4.00	4.00	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	B2389-75	1.18	**1.84**	ug/Kg	J
124-48-1	Dibromochloromethane	B2389-75	0.85	0.85	ug/Kg	U
127-18-4	Tetrachloroethene	B2389-75	0.68	0.68	ug/Kg	U
135-98-8	sec-Butylbenzene	B2389-75	0.98	0.98	ug/Kg	U
142-28-9	1,3-Dichloropropane	B2389-75	0.64	0.64	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	B2389-75	0.64	0.64	ug/Kg	U
156-60-5	t-1,2-Dichloroethene	B2389-75	0.50	0.50	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	B2389-75	1.17	1.17	ug/Kg	U
563-58-6	1,1-Dichloropropene	B2389-75	1.24	1.24	ug/Kg	U

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706425-4

Client Sample ID: TP-7
Matrix: Soil
Type: Grab
Collected: 06/07/2007 10:40
% Solid: 84.8%
Remarks: See Case Narrative
Analyzed Date: 06/23/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
590-20-7	2,2-Dichloropropane	B2389-75	0.91	0.91	ug/Kg	U
591-78-6	2-Hexanone	B2389-75	2.05	2.05	ug/Kg	U
622-96-8	p-Ethyltoluene	B2389-75	1.09	1.09	ug/Kg	U
630-20-6	1,1,1,2-Tetrachloroethane	B2389-75	0.93	0.93	ug/Kg	U
994-05-8	TAME	B2389-75	2.48	2.48	ug/Kg	U
1634-04-4	Methyl t-butyl ether	B2389-75	0.59	0.59	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	B2389-75	0.58	0.58	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	B2389-75	0.58	0.58	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	B2389-75	97.9 %	(68 - 120)	
460-00-4	4-BROMOFLUOROBENZENE	B2389-75	83.0 %	(80 - 110)	
4774-33-8	DIBROMOFLUOROMETHANE	B2389-75	107.0 %	(68 - 156)	
2037-26-5	TOLUENE-D8	B2389-75	88.3 %	(87 - 113)	

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706425-5

Client Sample ID: TP-10
Matrix: Soil
Type: Grab
Remarks: See Case Narrative
Analyzed Date: 06/23/2007

Collected: 06/07/2007 08:15
% Solid: 80.4%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
67-64-1	Acetone	B2389-76	6.27	**6.97**	ug/Kg	J
56-23-5	Carbon Tetrachloride	B2389-76	0.71	0.71	ug/Kg	U
67-66-3	Chloroform	B2389-76	0.58	0.58	ug/Kg	U
71-43-2	Benzene	B2389-76	0.62	0.62	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	B2389-76	0.62	0.62	ug/Kg	U
74-83-9	Bromomethane	B2389-76	0.64	0.64	ug/Kg	U
74-87-3	Chloromethane	B2389-76	0.48	0.48	ug/Kg	U
74-95-3	Dibromomethane	B2389-76	0.62	0.62	ug/Kg	U
74-97-5	Bromochloromethane	B2389-76	1.24	1.24	ug/Kg	U
75-00-3	Chloroethane	B2389-76	1.57	1.57	ug/Kg	U
75-01-4	Vinyl Chloride	B2389-76	0.73	0.73	ug/Kg	U
75-09-2	Methylene Chloride	B2389-76	1.05	**12.1**	ug/Kg	B
75-15-0	Carbon disulfide	B2389-76	1.55	**2.80**	ug/Kg	J
75-25-2	Bromoform	B2389-76	1.40	1.40	ug/Kg	U
75-27-4	Bromodichloromethane	B2389-76	0.53	0.53	ug/Kg	U
75-34-3	1,1-Dichloroethane	B2389-76	0.55	0.55	ug/Kg	U
75-35-4	1,1-Dichloroethene	B2389-76	0.86	0.86	ug/Kg	U
75-45-6	Chlorodifluoromethane	B2389-76	0.81	0.81	ug/Kg	U
75-65-0	Tertiary butyl alcohol	B2389-76	21.6	21.6	ug/Kg	U
75-69-4	Trichlorofluoromethane	B2389-76	0.79	0.79	ug/Kg	U
75-71-8	Dichlorodifluoromethane	B2389-76	0.66	0.66	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	B2389-76	0.92	0.92	ug/Kg	U
78-87-5	1,2-Dichloropropane	B2389-76	0.47	0.47	ug/Kg	U
78-93-3	2-Butanone	B2389-76	3.92	3.92	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	B2389-76	1.09	1.09	ug/Kg	U
79-01-6	Trichloroethene	B2389-76	0.45	0.45	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	B2389-76	1.77	1.77	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	B2389-76	1.28	1.28	ug/Kg	U
87-68-3	Hexachlorobutadiene	B2389-76	1.23	1.23	ug/Kg	U
91-20-3	Naphthalene	B2389-76	1.51	1.51	ug/Kg	U
95-47-6	o-xylene	B2389-76	0.93	0.93	ug/Kg	U
95-49-8	2-Chlorotoluene	B2389-76	1.10	1.10	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	B2389-76	1.46	1.46	ug/Kg	U

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706425-5

Client Sample ID: TP-10
Matrix: Soil
Type: Grab
Remarks: See Case Narrative
Analyzed Date: 06/23/2007

Collected: 06/07/2007 08:15
% Solid: 80.4%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
95-63-6	1,2,4-Trimethylbenzene	B2389-76	1.17	1.17	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	B2389-76	1.35	1.35	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	B2389-76	2.84	2.84	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	B2389-76	2.49	2.49	ug/Kg	U
98-06-6	tert-Butylbenzene	B2389-76	1.19	1.19	ug/Kg	U
98-82-8	Isopropylbenzene	B2389-76	0.78	0.78	ug/Kg	U
99-87-6	4-Isopropyltoluene	B2389-76	0.98	0.98	ug/Kg	U
100-41-4	Ethylbenzene	B2389-76	0.53	0.53	ug/Kg	U
100-42-5	Styrene	B2389-76	0.92	0.92	ug/Kg	U
103-65-1	n-Propylbenzene	B2389-76	0.89	0.89	ug/Kg	U
104-51-8	n-Butylbenzene	B2389-76	1.10	1.10	ug/Kg	U
105-05-5	p-Diethylbenzene	B2389-76	1.23	1.23	ug/Kg	U
106-43-4	4-Chlorotoluene	B2389-76	1.22	1.22	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	B2389-76	1.28	1.28	ug/Kg	U
106-93-4	1,2-Dibromoethane	B2389-76	0.92	0.92	ug/Kg	U
107-06-2	1,2-Dichloroethane	B2389-76	0.71	0.71	ug/Kg	U
107-13-1	Acrylonitrile	B2389-76	7.60	7.60	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	B2389-76	2.41	2.41	ug/Kg	U
108-38-3	m,p-xylene	B2389-76	1.24	1.24	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	B2389-76	1.02	1.02	ug/Kg	U
108-86-1	Bromobenzene	B2389-76	1.00	1.00	ug/Kg	U
108-88-3	Toluene	B2389-76	0.47	0.47	ug/Kg	U
108-90-7	Chlorobenzene	B2389-76	0.63	0.63	ug/Kg	U
110-75-8	2-Chloroethylvinylether	B2389-76	4.20	4.20	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	B2389-76	1.24	1.24	ug/Kg	U
124-48-1	Dibromochloromethane	B2389-76	0.89	0.89	ug/Kg	U
127-18-4	Tetrachloroethene	B2389-76	0.72	0.72	ug/Kg	U
135-98-8	sec-Butylbenzene	B2389-76	1.03	1.03	ug/Kg	U
142-28-9	1,3-Dichloropropane	B2389-76	0.67	0.67	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	B2389-76	0.67	0.67	ug/Kg	U
156-60-5	t-1,2-Dichloroethene	B2389-76	0.52	0.52	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	B2389-76	1.23	1.23	ug/Kg	U
563-58-6	1,1-Dichloropropene	B2389-76	1.30	1.30	ug/Kg	U

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706425-5

Client Sample ID: TP-10
Matrix: Soil
Type: Grab
Collected: 06/07/2007 08:15
% Solid: 80.4%
Remarks: See Case Narrative
Analyzed Date: 06/23/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
590-20-7	2,2-Dichloropropane	B2389-76	0.95	0.95	ug/Kg	U
591-78-6	2-Hexanone	B2389-76	2.16	2.16	ug/Kg	U
622-96-8	p-Ethyltoluene	B2389-76	1.14	1.14	ug/Kg	U
630-20-6	1,1,1,2-Tetrachloroethane	B2389-76	0.98	0.98	ug/Kg	U
994-05-8	TAME	B2389-76	2.60	2.60	ug/Kg	U
1634-04-4	Methyl t-butyl ether	B2389-76	0.62	0.62	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	B2389-76	0.61	0.61	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	B2389-76	0.61	0.61	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	B2389-76	94.1 %	(68 - 120)	
460-00-4	4-BROMOFLUOROBENZENE	B2389-76	95.7 %	(80 - 110)	
4774-33-8	DIBROMOFLUOROMETHANE	B2389-76	98.8 %	(68 - 156)	
2037-26-5	TOLUENE-D8	B2389-76	93.2 %	(87 - 113)	

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706425-6

Client Sample ID: TP-11
Matrix: Soil
Type: Grab
Remarks: See Case Narrative
Analyzed Date: 06/23/2007

Collected: 06/07/2007 11:20
% Solid: 89%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
67-64-1	Acetone	B2389-77	5.67	5.67	ug/Kg	U
56-23-5	Carbon Tetrachloride	B2389-77	0.64	0.64	ug/Kg	U
67-66-3	Chloroform	B2389-77	0.53	0.53	ug/Kg	U
71-43-2	Benzene	B2389-77	0.56	0.56	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	B2389-77	0.56	0.56	ug/Kg	U
74-83-9	Bromomethane	B2389-77	0.58	0.58	ug/Kg	U
74-87-3	Chloromethane	B2389-77	0.44	0.44	ug/Kg	U
74-95-3	Dibromomethane	B2389-77	0.56	0.56	ug/Kg	U
74-97-5	Bromochloromethane	B2389-77	1.12	1.12	ug/Kg	U
75-00-3	Chloroethane	B2389-77	1.42	1.42	ug/Kg	U
75-01-4	Vinyl Chloride	B2389-77	0.66	0.66	ug/Kg	U
75-09-2	Methylene Chloride	B2389-77	0.95	**11.2**	ug/Kg	B
75-15-0	Carbon disulfide	B2389-77	1.40	1.40	ug/Kg	U
75-25-2	Bromoform	B2389-77	1.27	1.27	ug/Kg	U
75-27-4	Bromodichloromethane	B2389-77	0.48	0.48	ug/Kg	U
75-34-3	1,1-Dichloroethane	B2389-77	0.49	0.49	ug/Kg	U
75-35-4	1,1-Dichloroethene	B2389-77	0.77	0.77	ug/Kg	U
75-45-6	Chlorodifluoromethane	B2389-77	0.73	0.73	ug/Kg	U
75-65-0	Tertiary butyl alcohol	B2389-77	19.5	19.5	ug/Kg	U
75-69-4	Trichlorofluoromethane	B2389-77	0.72	0.72	ug/Kg	U
75-71-8	Dichlorodifluoromethane	B2389-77	0.59	0.59	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	B2389-77	0.83	0.83	ug/Kg	U
78-87-5	1,2-Dichloropropane	B2389-77	0.43	0.43	ug/Kg	U
78-93-3	2-Butanone	B2389-77	3.54	3.54	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	B2389-77	0.99	0.99	ug/Kg	U
79-01-6	Trichloroethene	B2389-77	0.40	0.40	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	B2389-77	1.60	1.60	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	B2389-77	1.15	1.15	ug/Kg	U
87-68-3	Hexachlorobutadiene	B2389-77	1.11	1.11	ug/Kg	U
91-20-3	Naphthalene	B2389-77	1.37	1.37	ug/Kg	U
95-47-6	o-xylene	B2389-77	0.84	0.84	ug/Kg	U
95-49-8	2-Chlorotoluene	B2389-77	1.00	1.00	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	B2389-77	1.32	1.32	ug/Kg	U

Environmental Testing Laboratories, Inc.
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05/22/2008

Volatiles - EPA 8260B

Sample: 0706425-6

Client Sample ID: TP-11
Matrix: Soil
Type: Grab
Collected: 06/07/2007 11:20
% Solid: 89%
Remarks: See Case Narrative
Analyzed Date: 06/23/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
95-63-6	1,2,4-Trimethylbenzene	B2389-77	1.05	1.05	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	B2389-77	1.22	1.22	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	B2389-77	2.56	2.56	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	B2389-77	2.25	2.25	ug/Kg	U
98-06-6	tert-Butylbenzene	B2389-77	1.08	1.08	ug/Kg	U
98-82-8	Isopropylbenzene	B2389-77	0.71	0.71	ug/Kg	U
99-87-6	4-Isopropyltoluene	B2389-77	0.88	0.88	ug/Kg	U
100-41-4	Ethylbenzene	B2389-77	0.48	0.48	ug/Kg	U
100-42-5	Styrene	B2389-77	0.83	0.83	ug/Kg	U
103-65-1	n-Propylbenzene	B2389-77	0.81	0.81	ug/Kg	U
104-51-8	n-Butylbenzene	B2389-77	1.00	1.00	ug/Kg	U
105-05-5	p-Diethylbenzene	B2389-77	1.11	1.11	ug/Kg	U
106-43-4	4-Chlorotoluene	B2389-77	1.10	1.10	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	B2389-77	1.15	1.15	ug/Kg	U
106-93-4	1,2-Dibromoethane	B2389-77	0.83	0.83	ug/Kg	U
107-06-2	1,2-Dichloroethane	B2389-77	0.64	0.64	ug/Kg	U
107-13-1	Acrylonitrile	B2389-77	6.87	6.87	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	B2389-77	2.17	2.17	ug/Kg	U
108-38-3	m,p-xylene	B2389-77	1.12	1.12	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	B2389-77	0.92	0.92	ug/Kg	U
108-86-1	Bromobenzene	B2389-77	0.91	0.91	ug/Kg	U
108-88-3	Toluene	B2389-77	0.43	0.43	ug/Kg	U
108-90-7	Chlorobenzene	B2389-77	0.57	0.57	ug/Kg	U
110-75-8	2-Chloroethylvinylether	B2389-77	3.80	3.80	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	B2389-77	1.12	1.12	ug/Kg	U
124-48-1	Dibromochloromethane	B2389-77	0.81	0.81	ug/Kg	U
127-18-4	Tetrachloroethene	B2389-77	0.65	0.65	ug/Kg	U
135-98-8	sec-Butylbenzene	B2389-77	0.93	0.93	ug/Kg	U
142-28-9	1,3-Dichloropropane	B2389-77	0.60	0.60	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	B2389-77	0.60	0.60	ug/Kg	U
156-60-5	t-1,2-Dichloroethene	B2389-77	0.47	0.47	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	B2389-77	1.11	1.11	ug/Kg	U
563-58-6	1,1-Dichloropropene	B2389-77	1.18	1.18	ug/Kg	U

Environmental Testing Laboratories, Inc.
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05/22/2008

Volatiles - EPA 8260B

Sample: 0706425-6

Client Sample ID: TP-11
Matrix: Soil
Type: Grab
Collected: 06/07/2007 11:20
% Solid: 89%
Remarks: See Case Narrative
Analyzed Date: 06/23/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
590-20-7	2,2-Dichloropropane	B2389-77	0.86	0.86	ug/Kg	U
591-78-6	2-Hexanone	B2389-77	1.95	1.95	ug/Kg	U
622-96-8	p-Ethyltoluene	B2389-77	1.03	1.03	ug/Kg	U
630-20-6	1,1,1,2-Tetrachloroethane	B2389-77	0.88	0.88	ug/Kg	U
994-05-8	TAME	B2389-77	2.35	2.35	ug/Kg	U
1634-04-4	Methyl t-butyl ether	B2389-77	0.56	0.56	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	B2389-77	0.55	0.55	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	B2389-77	0.55	0.55	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	B2389-77	96.3 %	(68 - 120)	
460-00-4	4-BROMOFLUOROBENZENE	B2389-77	97.4 %	(80 - 110)	
4774-33-8	DIBROMOFLUOROMETHANE	B2389-77	96.3 %	(68 - 156)	
2037-26-5	TOLUENE-D8	B2389-77	91.0 %	(87 - 113)	

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706425-7

Client Sample ID: TP-14
Matrix: Soil
Type: Grab
Remarks: See Case Narrative
Analyzed Date: 06/25/2007

Collected: 06/07/2007 13:35
% Solid: 41%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
67-64-1	Acetone	B2391-119	12.3	**29.8**	ug/Kg	J
56-23-5	Carbon Tetrachloride	B2391-119	1.39	1.39	ug/Kg	U
67-66-3	Chloroform	B2391-119	1.15	1.15	ug/Kg	U
71-43-2	Benzene	B2391-119	1.22	1.22	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	B2391-119	1.22	1.22	ug/Kg	U
74-83-9	Bromomethane	B2391-119	1.27	1.27	ug/Kg	U
74-87-3	Chloromethane	B2391-119	0.95	0.95	ug/Kg	U
74-95-3	Dibromomethane	B2391-119	1.22	1.22	ug/Kg	U
74-97-5	Bromochloromethane	B2391-119	2.44	2.44	ug/Kg	U
75-00-3	Chloroethane	B2391-119	3.10	3.10	ug/Kg	U
75-01-4	Vinyl Chloride	B2391-119	1.44	1.44	ug/Kg	U
75-09-2	Methylene Chloride	B2391-119	2.07	2.07	ug/Kg	U
75-15-0	Carbon disulfide	B2391-119	3.05	**30.2**	ug/Kg	
75-25-2	Bromoform	B2391-119	2.76	2.76	ug/Kg	U
75-27-4	Bromodichloromethane	B2391-119	1.05	1.05	ug/Kg	U
75-34-3	1,1-Dichloroethane	B2391-119	1.07	1.07	ug/Kg	U
75-35-4	1,1-Dichloroethene	B2391-119	1.68	1.68	ug/Kg	U
75-45-6	Chlorodifluoromethane	B2391-119	1.59	1.59	ug/Kg	U
75-65-0	Tertiary butyl alcohol	B2391-119	42.5	42.5	ug/Kg	U
75-69-4	Trichlorofluoromethane	B2391-119	1.56	1.56	ug/Kg	U
75-71-8	Dichlorodifluoromethane	B2391-119	1.29	1.29	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	B2391-119	1.81	1.81	ug/Kg	U
78-87-5	1,2-Dichloropropane	B2391-119	0.93	0.93	ug/Kg	U
78-93-3	2-Butanone	B2391-119	7.71	7.71	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	B2391-119	2.15	2.15	ug/Kg	U
79-01-6	Trichloroethene	B2391-119	0.88	0.88	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	B2391-119	3.49	3.49	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	B2391-119	2.51	2.51	ug/Kg	U
87-68-3	Hexachlorobutadiene	B2391-119	2.42	2.42	ug/Kg	U
91-20-3	Naphthalene	B2391-119	2.98	2.98	ug/Kg	U
95-47-6	o-xylene	B2391-119	1.83	1.83	ug/Kg	U
95-49-8	2-Chlorotoluene	B2391-119	2.17	2.17	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	B2391-119	2.88	2.88	ug/Kg	U

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706425-7
Client Sample ID: TP-14
Matrix: Soil
Type: Grab
Collected: 06/07/2007 13:35
% Solid: 41%
Remarks: See Case Narrative
Analyzed Date: 06/25/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
95-63-6	1,2,4-Trimethylbenzene	B2391-119	2.29	2.29	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	B2391-119	2.66	2.66	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	B2391-119	5.59	5.59	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	B2391-119	4.90	4.90	ug/Kg	U
98-06-6	tert-Butylbenzene	B2391-119	2.34	2.34	ug/Kg	U
98-82-8	Isopropylbenzene	B2391-119	1.54	1.54	ug/Kg	U
99-87-6	4-Isopropyltoluene	B2391-119	1.93	1.93	ug/Kg	U
100-41-4	Ethylbenzene	B2391-119	1.05	1.05	ug/Kg	U
100-42-5	Styrene	B2391-119	1.81	1.81	ug/Kg	U
103-65-1	n-Propylbenzene	B2391-119	1.76	1.76	ug/Kg	U
104-51-8	n-Butylbenzene	B2391-119	2.17	2.17	ug/Kg	U
105-05-5	p-Diethylbenzene	B2391-119	2.42	2.42	ug/Kg	U
106-43-4	4-Chlorotoluene	B2391-119	2.39	2.39	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	B2391-119	2.51	2.51	ug/Kg	U
106-93-4	1,2-Dibromoethane	B2391-119	1.81	1.81	ug/Kg	U
107-06-2	1,2-Dichloroethane	B2391-119	1.39	1.39	ug/Kg	U
107-13-1	Acrylonitrile	B2391-119	15.0	15.0	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	B2391-119	4.73	4.73	ug/Kg	U
108-38-3	m,p-xylene	B2391-119	2.44	2.44	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	B2391-119	2.00	2.00	ug/Kg	U
108-86-1	Bromobenzene	B2391-119	1.98	1.98	ug/Kg	U
108-88-3	Toluene	B2391-119	0.93	**2.88**	ug/Kg	J
108-90-7	Chlorobenzene	B2391-119	1.24	1.24	ug/Kg	U
110-75-8	2-Chloroethylvinylether	B2391-119	8.27	8.27	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	B2391-119	2.44	2.44	ug/Kg	U
124-48-1	Dibromochloromethane	B2391-119	1.76	1.76	ug/Kg	U
127-18-4	Tetrachloroethene	B2391-119	1.42	1.42	ug/Kg	U
135-98-8	sec-Butylbenzene	B2391-119	2.03	2.03	ug/Kg	U
142-28-9	1,3-Dichloropropane	B2391-119	1.32	1.32	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	B2391-119	1.32	1.32	ug/Kg	U
156-60-5	t-1,2-Dichloroethene	B2391-119	1.02	1.02	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	B2391-119	2.42	2.42	ug/Kg	U
563-58-6	1,1-Dichloropropene	B2391-119	2.56	2.56	ug/Kg	U

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706425-7

Client Sample ID: TP-14
Matrix: Soil
Type: Grab
Collected: 06/07/2007 13:35
% Solid: 41%
Remarks: See Case Narrative
Analyzed Date: 06/25/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
590-20-7	2,2-Dichloropropane	B2391-119	1.88	1.88	ug/Kg	U
591-78-6	2-Hexanone	B2391-119	4.25	4.25	ug/Kg	U
622-96-8	p-Ethyltoluene	B2391-119	2.24	2.24	ug/Kg	U
630-20-6	1,1,1,2-Tetrachloroethane	B2391-119	1.93	1.93	ug/Kg	U
994-05-8	TAME	B2391-119	5.12	5.12	ug/Kg	U
1634-04-4	Methyl t-butyl ether	B2391-119	1.22	1.22	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	B2391-119	1.20	1.20	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	B2391-119	1.20	1.20	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	B2391-119	105.0 %	(68 - 120)	
460-00-4	4-BROMOFLUOROBENZENE	B2391-119	95.1 %	(80 - 110)	
4774-33-8	DIBROMOFLUOROMETHANE	B2391-119	105.0 %	(68 - 156)	
2037-26-5	TOLUENE-D8	B2391-119	96.5 %	(87 - 113)	

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706425-8

Client Sample ID: TP-15
Collected: 06/07/2007 13:13
Matrix: Soil
Type: Grab
% Solid: 72%
Remarks: See Case Narrative
Analyzed Date: 06/23/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
67-64-1	Acetone	B2389-79	7.03	**10.5**	ug/Kg	J
56-23-5	Carbon Tetrachloride	B2389-79	0.79	0.79	ug/Kg	U
67-66-3	Chloroform	B2389-79	0.65	0.65	ug/Kg	U
71-43-2	Benzene	B2389-79	0.69	0.69	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	B2389-79	0.69	0.69	ug/Kg	U
74-83-9	Bromomethane	B2389-79	0.72	0.72	ug/Kg	U
74-87-3	Chloromethane	B2389-79	0.54	0.54	ug/Kg	U
74-95-3	Dibromomethane	B2389-79	0.69	0.69	ug/Kg	U
74-97-5	Bromochloromethane	B2389-79	1.39	1.39	ug/Kg	U
75-00-3	Chloroethane	B2389-79	1.77	1.77	ug/Kg	U
75-01-4	Vinyl Chloride	B2389-79	0.82	0.82	ug/Kg	U
75-09-2	Methylene Chloride	B2389-79	1.18	**19.6**	ug/Kg	B
75-15-0	Carbon disulfide	B2389-79	1.74	**27.7**	ug/Kg	
75-25-2	Bromoform	B2389-79	1.57	1.57	ug/Kg	U
75-27-4	Bromodichloromethane	B2389-79	0.60	0.60	ug/Kg	U
75-34-3	1,1-Dichloroethane	B2389-79	0.61	0.61	ug/Kg	U
75-35-4	1,1-Dichloroethene	B2389-79	0.96	0.96	ug/Kg	U
75-45-6	Chlorodifluoromethane	B2389-79	0.90	0.90	ug/Kg	U
75-65-0	Tertiary butyl alcohol	B2389-79	24.2	24.2	ug/Kg	U
75-69-4	Trichlorofluoromethane	B2389-79	0.89	0.89	ug/Kg	U
75-71-8	Dichlorodifluoromethane	B2389-79	0.74	0.74	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	B2389-79	1.03	1.03	ug/Kg	U
78-87-5	1,2-Dichloropropane	B2389-79	0.53	0.53	ug/Kg	U
78-93-3	2-Butanone	B2389-79	4.39	4.39	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	B2389-79	1.22	1.22	ug/Kg	U
79-01-6	Trichloroethene	B2389-79	0.50	0.50	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	B2389-79	1.99	1.99	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	B2389-79	1.43	1.43	ug/Kg	U
87-68-3	Hexachlorobutadiene	B2389-79	1.38	1.38	ug/Kg	U
91-20-3	Naphthalene	B2389-79	1.70	1.70	ug/Kg	U
95-47-6	o-xylene	B2389-79	1.04	1.04	ug/Kg	U
95-49-8	2-Chlorotoluene	B2389-79	1.24	1.24	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	B2389-79	1.64	1.64	ug/Kg	U

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706425-8

Client Sample ID: TP-15
Collected: 06/07/2007 13:13
Matrix: Soil
Type: Grab
% Solid: 72%
Remarks: See Case Narrative
Analyzed Date: 06/23/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
95-63-6	1,2,4-Trimethylbenzene	B2389-79	1.31	1.31	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	B2389-79	1.52	1.52	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	B2389-79	3.18	3.18	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	B2389-79	2.79	2.79	ug/Kg	U
98-06-6	tert-Butylbenzene	B2389-79	1.33	1.33	ug/Kg	U
98-82-8	Isopropylbenzene	B2389-79	0.88	0.88	ug/Kg	U
99-87-6	4-Isopropyltoluene	B2389-79	1.10	1.10	ug/Kg	U
100-41-4	Ethylbenzene	B2389-79	0.60	0.60	ug/Kg	U
100-42-5	Styrene	B2389-79	1.03	1.03	ug/Kg	U
103-65-1	n-Propylbenzene	B2389-79	1.00	1.00	ug/Kg	U
104-51-8	n-Butylbenzene	B2389-79	1.24	1.24	ug/Kg	U
105-05-5	p-Diethylbenzene	B2389-79	1.38	1.38	ug/Kg	U
106-43-4	4-Chlorotoluene	B2389-79	1.36	1.36	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	B2389-79	1.43	1.43	ug/Kg	U
106-93-4	1,2-Dibromoethane	B2389-79	1.03	1.03	ug/Kg	U
107-06-2	1,2-Dichloroethane	B2389-79	0.79	0.79	ug/Kg	U
107-13-1	Acrylonitrile	B2389-79	8.52	8.52	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	B2389-79	2.70	2.70	ug/Kg	U
108-38-3	m,p-xylene	B2389-79	1.39	1.39	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	B2389-79	1.14	1.14	ug/Kg	U
108-86-1	Bromobenzene	B2389-79	1.13	1.13	ug/Kg	U
108-88-3	Toluene	B2389-79	0.53	0.53	ug/Kg	U
108-90-7	Chlorobenzene	B2389-79	0.71	0.71	ug/Kg	U
110-75-8	2-Chloroethylvinylether	B2389-79	4.71	4.71	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	B2389-79	1.39	1.39	ug/Kg	U
124-48-1	Dibromochloromethane	B2389-79	1.00	1.00	ug/Kg	U
127-18-4	Tetrachloroethene	B2389-79	0.81	0.81	ug/Kg	U
135-98-8	sec-Butylbenzene	B2389-79	1.15	1.15	ug/Kg	U
142-28-9	1,3-Dichloropropane	B2389-79	0.75	0.75	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	B2389-79	0.75	0.75	ug/Kg	U
156-60-5	t-1,2-Dichloroethene	B2389-79	0.58	0.58	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	B2389-79	1.38	1.38	ug/Kg	U
563-58-6	1,1-Dichloropropene	B2389-79	1.46	1.46	ug/Kg	U

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706425-8

Client Sample ID: TP-15
Matrix: Soil
Type: Grab
Collected: 06/07/2007 13:13
% Solid: 72%
Remarks: See Case Narrative
Analyzed Date: 06/23/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
590-20-7	2,2-Dichloropropane	B2389-79	1.07	1.07	ug/Kg	U
591-78-6	2-Hexanone	B2389-79	2.42	2.42	ug/Kg	U
622-96-8	p-Ethyltoluene	B2389-79	1.28	1.28	ug/Kg	U
630-20-6	1,1,1,2-Tetrachloroethane	B2389-79	1.10	1.10	ug/Kg	U
994-05-8	TAME	B2389-79	2.92	2.92	ug/Kg	U
1634-04-4	Methyl t-butyl ether	B2389-79	0.69	0.69	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	B2389-79	0.68	0.68	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	B2389-79	0.68	0.68	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	B2389-79	102.0 %	(68 - 120)	
460-00-4	4-BROMOFLUOROBENZENE	B2389-79	96.4 %	(80 - 110)	
4774-33-8	DIBROMOFLUOROMETHANE	B2389-79	100.0 %	(68 - 156)	
2037-26-5	TOLUENE-D8	B2389-79	95.3 %	(87 - 113)	

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706425-9

Client Sample ID: TP-17
Matrix: Soil
Type: Grab
Collected: 06/07/2007 14:25
% Solid: 77.5%
Remarks: See Case Narrative
Analyzed Date: 06/23/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
67-64-1	Acetone	B2389-80	6.53	6.53	ug/Kg	U
56-23-5	Carbon Tetrachloride	B2389-80	0.74	0.74	ug/Kg	U
67-66-3	Chloroform	B2389-80	0.61	0.61	ug/Kg	U
71-43-2	Benzene	B2389-80	0.64	0.64	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	B2389-80	0.64	0.64	ug/Kg	U
74-83-9	Bromomethane	B2389-80	0.67	0.67	ug/Kg	U
74-87-3	Chloromethane	B2389-80	0.50	0.50	ug/Kg	U
74-95-3	Dibromomethane	B2389-80	0.64	0.64	ug/Kg	U
74-97-5	Bromochloromethane	B2389-80	1.29	1.29	ug/Kg	U
75-00-3	Chloroethane	B2389-80	1.64	1.64	ug/Kg	U
75-01-4	Vinyl Chloride	B2389-80	0.76	0.76	ug/Kg	U
75-09-2	Methylene Chloride	B2389-80	1.10	**10.8**	ug/Kg	B
75-15-0	Carbon disulfide	B2389-80	1.61	**2.75**	ug/Kg	J
75-25-2	Bromoform	B2389-80	1.46	1.46	ug/Kg	U
75-27-4	Bromodichloromethane	B2389-80	0.55	0.55	ug/Kg	U
75-34-3	1,1-Dichloroethane	B2389-80	0.57	0.57	ug/Kg	U
75-35-4	1,1-Dichloroethene	B2389-80	0.89	0.89	ug/Kg	U
75-45-6	Chlorodifluoromethane	B2389-80	0.84	0.84	ug/Kg	U
75-65-0	Tertiary butyl alcohol	B2389-80	22.4	22.4	ug/Kg	U
75-69-4	Trichlorofluoromethane	B2389-80	0.83	0.83	ug/Kg	U
75-71-8	Dichlorodifluoromethane	B2389-80	0.68	0.68	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	B2389-80	0.95	0.95	ug/Kg	U
78-87-5	1,2-Dichloropropane	B2389-80	0.49	0.49	ug/Kg	U
78-93-3	2-Butanone	B2389-80	4.08	4.08	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	B2389-80	1.14	1.14	ug/Kg	U
79-01-6	Trichloroethene	B2389-80	0.46	0.46	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	B2389-80	1.84	1.84	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	B2389-80	1.33	1.33	ug/Kg	U
87-68-3	Hexachlorobutadiene	B2389-80	1.28	1.28	ug/Kg	U
91-20-3	Naphthalene	B2389-80	1.57	1.57	ug/Kg	U
95-47-6	o-xylene	B2389-80	0.97	0.97	ug/Kg	U
95-49-8	2-Chlorotoluene	B2389-80	1.15	1.15	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	B2389-80	1.52	1.52	ug/Kg	U

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706425-9

Client Sample ID: TP-17
Matrix: Soil
Type: Grab
Remarks: See Case Narrative
Analyzed Date: 06/23/2007

Collected: 06/07/2007 14:25
% Solid: 77.5%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
95-63-6	1,2,4-Trimethylbenzene	B2389-80	1.21	1.21	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	B2389-80	1.41	**12.5**	ug/Kg	
96-12-8	1,2-Dibromo-3-chloropropane	B2389-80	2.95	2.95	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	B2389-80	2.59	2.59	ug/Kg	U
98-06-6	tert-Butylbenzene	B2389-80	1.24	1.24	ug/Kg	U
98-82-8	Isopropylbenzene	B2389-80	0.81	0.81	ug/Kg	U
99-87-6	4-Isopropyltoluene	B2389-80	1.02	1.02	ug/Kg	U
100-41-4	Ethylbenzene	B2389-80	0.55	0.55	ug/Kg	U
100-42-5	Styrene	B2389-80	0.95	0.95	ug/Kg	U
103-65-1	n-Propylbenzene	B2389-80	0.93	0.93	ug/Kg	U
104-51-8	n-Butylbenzene	B2389-80	1.15	1.15	ug/Kg	U
105-05-5	p-Diethylbenzene	B2389-80	1.28	**5.47**	ug/Kg	J
106-43-4	4-Chlorotoluene	B2389-80	1.26	1.26	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	B2389-80	1.33	1.33	ug/Kg	U
106-93-4	1,2-Dibromoethane	B2389-80	0.95	0.95	ug/Kg	U
107-06-2	1,2-Dichloroethane	B2389-80	0.74	0.74	ug/Kg	U
107-13-1	Acrylonitrile	B2389-80	7.91	7.91	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	B2389-80	2.50	2.50	ug/Kg	U
108-38-3	m,p-xylene	B2389-80	1.29	1.29	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	B2389-80	1.06	1.06	ug/Kg	U
108-86-1	Bromobenzene	B2389-80	1.04	1.04	ug/Kg	U
108-88-3	Toluene	B2389-80	0.49	0.49	ug/Kg	U
108-90-7	Chlorobenzene	B2389-80	0.66	0.66	ug/Kg	U
110-75-8	2-Chloroethylvinylether	B2389-80	4.37	4.37	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	B2389-80	1.29	1.29	ug/Kg	U
124-48-1	Dibromochloromethane	B2389-80	0.93	0.93	ug/Kg	U
127-18-4	Tetrachloroethene	B2389-80	0.75	0.75	ug/Kg	U
135-98-8	sec-Butylbenzene	B2389-80	1.07	**3.27**	ug/Kg	J
142-28-9	1,3-Dichloropropane	B2389-80	0.70	0.70	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	B2389-80	0.70	0.70	ug/Kg	U
156-60-5	t-1,2-Dichloroethene	B2389-80	0.54	0.54	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	B2389-80	1.28	1.28	ug/Kg	U
563-58-6	1,1-Dichloropropene	B2389-80	1.35	1.35	ug/Kg	U

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706425-9

Client Sample ID: TP-17
Matrix: Soil
Type: Grab
Collected: 06/07/2007 14:25
% Solid: 77.5%
Remarks: See Case Narrative
Analyzed Date: 06/23/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
590-20-7	2,2-Dichloropropane	B2389-80	0.99	0.99	ug/Kg	U
591-78-6	2-Hexanone	B2389-80	2.24	2.24	ug/Kg	U
622-96-8	p-Ethyltoluene	B2389-80	1.19	1.19	ug/Kg	U
630-20-6	1,1,1,2-Tetrachloroethane	B2389-80	1.02	1.02	ug/Kg	U
994-05-8	TAME	B2389-80	2.71	2.71	ug/Kg	U
1634-04-4	Methyl t-butyl ether	B2389-80	0.64	0.64	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	B2389-80	0.63	0.63	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	B2389-80	0.63	0.63	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	B2389-80	95.0 %	(68 - 120)	
460-00-4	4-BROMOFLUOROBENZENE	B2389-80	95.6 %	(80 - 110)	
4774-33-8	DIBROMOFLUOROMETHANE	B2389-80	99.6 %	(68 - 156)	
2037-26-5	TOLUENE-D8	B2389-80	91.2 %	(87 - 113)	

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706425-1

Client Sample ID: TP-1
Collected: 06/07/2007 09:10
Matrix: Soil
Type: Grab
% Solid: 90.4%
Remarks:
Analyzed Date: 06/26/2007
Preparation Date(s) : 06/25/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	A1704-950	167	167	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	A1704-950	213	213	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	A1704-950	212	212	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	A1704-950	172	172	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	A1704-950	139	139	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	A1704-950	288	288	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	A1704-950	252	252	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	A1704-950	206	206	ug/Kg	U
120-83-2	2,4-Dichlorophenol	A1704-950	181	181	ug/Kg	U
105-67-9	2,4-Dimethylphenol	A1704-950	149	149	ug/Kg	U
51-28-5	2,4-Dinitrophenol	A1704-950	1120	1120	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	A1704-950	141	141	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	A1704-950	160	160	ug/Kg	U
91-58-7	2-Chloronaphthalene	A1704-950	196	196	ug/Kg	U
95-57-8	2-Chlorophenol	A1704-950	232	232	ug/Kg	U
91-57-6	2-Methylnaphthalene	A1704-950	213	213	ug/Kg	U
95-48-7	2-Methylphenol	A1704-950	189	189	ug/Kg	U
88-74-4	2-Nitroaniline	A1704-950	167	167	ug/Kg	U
88-75-5	2-Nitrophenol	A1704-950	162	162	ug/Kg	U
106-44-5	3+4-Methylphenol	A1704-950	232	232	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	A1704-950	369	369	ug/Kg	U
99-09-2	3-Nitroaniline	A1704-950	283	283	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	A1704-950	3230	3230	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	A1704-950	278	278	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	A1704-950	338	338	ug/Kg	U
106-47-8	4-Chloroaniline	A1704-950	211	211	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	A1704-950	186	186	ug/Kg	U
100-01-6	4-Nitroaniline	A1704-950	355	355	ug/Kg	U
100-02-7	4-Nitrophenol	A1704-950	367	367	ug/Kg	U
83-32-9	Acenaphthene	A1704-950	180	**2210**	ug/Kg	J
208-96-8	Acenaphthylene	A1704-950	217	217	ug/Kg	U
62-53-3	Aniline	A1704-950	234	234	ug/Kg	U
120-12-7	Anthracene	A1704-950	254	**1190**	ug/Kg	J

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706425-1

Client Sample ID: TP-1
Collected: 06/07/2007 09:10
Matrix: Soil
Type: Grab
% Solid: 90.4%
Remarks:
Analyzed Date: 06/26/2007
Preparation Date(s) : 06/25/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
92-87-5	Benzidine	A1704-950	7670	7670	ug/Kg	U
56-55-3	Benzo(a)anthracene	A1704-950	347	347	ug/Kg	U
50-32-8	Benzo(a)pyrene	A1704-950	294	294	ug/Kg	U
205-99-2	Benzo(b)fluoranthene	A1704-950	367	367	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	A1704-950	361	361	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	A1704-950	339	339	ug/Kg	U
65-85-0	Benzoic acid	A1704-950	19100	19100	ug/Kg	U
100-51-6	Benzyl alcohol	A1704-950	181	181	ug/Kg	U
85-68-7	Butyl benzyl phthalate	A1704-950	291	291	ug/Kg	U
86-74-8	Carbazole	A1704-950	605	605	ug/Kg	U
218-01-9	Chrysene	A1704-950	350	**405**	ug/Kg	J
	Cresols	A1704-950	421	421	ug/Kg	U
84-74-2	Di-n-butyl phthalate	A1704-950	299	299	ug/Kg	U
117-84-0	Di-n-octyl phthalate	A1704-950	294	294	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	A1704-950	385	385	ug/Kg	U
132-64-9	Dibenzofuran	A1704-950	259	259	ug/Kg	U
84-66-2	Diethyl phthalate	A1704-950	213	213	ug/Kg	U
131-11-3	Dimethyl phthalate	A1704-950	214	214	ug/Kg	U
206-44-0	Fluoranthene	A1704-950	334	**847**	ug/Kg	J
86-73-7	Fluorene	A1704-950	195	**4660**	ug/Kg	
118-74-1	Hexachlorobenzene	A1704-950	296	296	ug/Kg	U
87-68-3	Hexachlorobutadiene	A1704-950	212	212	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	A1704-950	54.9	54.9	ug/Kg	U
67-72-1	Hexachloroethane	A1704-950	161	161	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	A1704-950	312	312	ug/Kg	U
78-59-1	Isophorone	A1704-950	184	184	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	A1704-950	156	156	ug/Kg	U
62-75-9	N-Nitrosodimethylamine	A1704-950	211	211	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	A1704-950	246	246	ug/Kg	U
91-20-3	Naphthalene	A1704-950	229	229	ug/Kg	U
98-95-3	Nitrobenzene	A1704-950	271	271	ug/Kg	U
87-86-5	Pentachlorophenol	A1704-950	3930	3930	ug/Kg	U
85-01-8	Phenanthrene	A1704-950	254	**6900**	ug/Kg	

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706425-1

Client Sample ID: TP-1
Collected: 06/07/2007 09:10
Matrix: Soil
Type: Grab
% Solid: 90.4%
Remarks:
Analyzed Date: 06/26/2007
Preparation Date(s) : 06/25/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
108-95-2	Phenol	A1704-950	455	455	ug/Kg	U
129-00-0	Pyrene	A1704-950	286	**1040**	ug/Kg	J
110-86-1	Pyridine	A1704-950	299	299	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	A1704-950	243	243	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	A1704-950	202	202	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	A1704-950	176	176	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	A1704-950	690	**799**	ug/Kg	J

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	A1704-950	51.1 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	A1704-950	57.6 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	A1704-950	39.8 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	A1704-950	39.7 %	(23 - 120)	
13127-88-3	PHENOL-D6	A1704-950	50.9 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	A1704-950	56.3 %	(18 - 137)	

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706425-2

Client Sample ID: TP-4
Collected: 06/07/2007 11:45
Matrix: Soil
Type: Grab
% Solid: 52.2%
Remarks:
Analyzed Date: 06/25/2007
Preparation Date(s) : 06/25/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	A1703-937	14.5	14.5	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	A1703-937	18.5	18.5	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	A1703-937	18.3	18.3	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	A1703-937	14.9	14.9	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	A1703-937	12.0	12.0	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	A1703-937	24.9	24.9	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	A1703-937	21.8	21.8	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	A1703-937	17.8	17.8	ug/Kg	U
120-83-2	2,4-Dichlorophenol	A1703-937	15.6	15.6	ug/Kg	U
105-67-9	2,4-Dimethylphenol	A1703-937	12.9	12.9	ug/Kg	U
51-28-5	2,4-Dinitrophenol	A1703-937	97.1	97.1	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	A1703-937	12.2	12.2	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	A1703-937	13.9	13.9	ug/Kg	U
91-58-7	2-Chloronaphthalene	A1703-937	17.0	17.0	ug/Kg	U
95-57-8	2-Chlorophenol	A1703-937	20.1	20.1	ug/Kg	U
91-57-6	2-Methylnaphthalene	A1703-937	18.5	18.5	ug/Kg	U
95-48-7	2-Methylphenol	A1703-937	16.3	16.3	ug/Kg	U
88-74-4	2-Nitroaniline	A1703-937	14.5	14.5	ug/Kg	U
88-75-5	2-Nitrophenol	A1703-937	14.0	14.0	ug/Kg	U
106-44-5	3+4-Methylphenol	A1703-937	20.1	20.1	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	A1703-937	31.9	31.9	ug/Kg	U
99-09-2	3-Nitroaniline	A1703-937	24.5	24.5	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	A1703-937	280	280	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	A1703-937	24.1	24.1	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	A1703-937	29.3	29.3	ug/Kg	U
106-47-8	4-Chloroaniline	A1703-937	18.3	18.3	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	A1703-937	16.1	16.1	ug/Kg	U
100-01-6	4-Nitroaniline	A1703-937	30.7	30.7	ug/Kg	U
100-02-7	4-Nitrophenol	A1703-937	31.8	31.8	ug/Kg	U
83-32-9	Acenaphthene	A1703-937	15.6	15.6	ug/Kg	U
208-96-8	Acenaphthylene	A1703-937	18.8	18.8	ug/Kg	U
62-53-3	Aniline	A1703-937	20.2	20.2	ug/Kg	U
120-12-7	Anthracene	A1703-937	22.0	22.0	ug/Kg	U

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706425-2

Client Sample ID: TP-4
Collected: 06/07/2007 11:45
Matrix: Soil
Type: Grab
% Solid: 52.2%
Remarks:
Analyzed Date: 06/25/2007
Preparation Date(s) : 06/25/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
92-87-5	Benzidine	A1703-937	664	664	ug/Kg	U
56-55-3	Benzo(a)anthracene	A1703-937	30.1	30.1	ug/Kg	U
50-32-8	Benzo(a)pyrene	A1703-937	25.4	25.4	ug/Kg	U
205-99-2	Benzo(b)fluoranthene	A1703-937	31.8	31.8	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	A1703-937	31.3	31.3	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	A1703-937	29.4	29.4	ug/Kg	U
65-85-0	Benzoic acid	A1703-937	1650	1650	ug/Kg	U
100-51-6	Benzyl alcohol	A1703-937	15.7	15.7	ug/Kg	U
85-68-7	Butyl benzyl phthalate	A1703-937	25.2	25.2	ug/Kg	U
86-74-8	Carbazole	A1703-937	52.4	52.4	ug/Kg	U
218-01-9	Chrysene	A1703-937	30.3	30.3	ug/Kg	U
	Cresols	A1703-937	36.4	36.4	ug/Kg	U
84-74-2	Di-n-butyl phthalate	A1703-937	25.9	25.9	ug/Kg	U
117-84-0	Di-n-octyl phthalate	A1703-937	25.5	25.5	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	A1703-937	33.3	33.3	ug/Kg	U
132-64-9	Dibenzofuran	A1703-937	22.4	22.4	ug/Kg	U
84-66-2	Diethyl phthalate	A1703-937	18.5	18.5	ug/Kg	U
131-11-3	Dimethyl phthalate	A1703-937	18.5	18.5	ug/Kg	U
206-44-0	Fluoranthene	A1703-937	28.9	28.9	ug/Kg	U
86-73-7	Fluorene	A1703-937	16.9	**23.7**	ug/Kg	J
118-74-1	Hexachlorobenzene	A1703-937	25.6	25.6	ug/Kg	U
87-68-3	Hexachlorobutadiene	A1703-937	18.4	18.4	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	A1703-937	4.75	4.75	ug/Kg	U
67-72-1	Hexachloroethane	A1703-937	13.9	13.9	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	A1703-937	27.0	27.0	ug/Kg	U
78-59-1	Isophorone	A1703-937	16.0	16.0	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	A1703-937	13.5	13.5	ug/Kg	U
62-75-9	N-Nitrosodimethylamine	A1703-937	18.3	18.3	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	A1703-937	21.3	21.3	ug/Kg	U
91-20-3	Naphthalene	A1703-937	19.9	19.9	ug/Kg	U
98-95-3	Nitrobenzene	A1703-937	23.4	23.4	ug/Kg	U
87-86-5	Pentachlorophenol	A1703-937	340	340	ug/Kg	U
85-01-8	Phenanthrene	A1703-937	22.0	**30.5**	ug/Kg	J

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706425-2

Client Sample ID: TP-4
Collected: 06/07/2007 11:45
Matrix: Soil
Type: Grab
% Solid: 52.2%
Remarks:
Analyzed Date: 06/25/2007
Preparation Date(s) : 06/25/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
108-95-2	Phenol	A1703-937	39.4	39.4	ug/Kg	U
129-00-0	Pyrene	A1703-937	24.8	24.8	ug/Kg	U
110-86-1	Pyridine	A1703-937	25.9	25.9	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	A1703-937	21.1	21.1	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	A1703-937	17.5	17.5	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	A1703-937	15.2	15.2	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	A1703-937	59.8	59.8	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	A1703-937	80.2 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	A1703-937	57.5 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	A1703-937	50.3 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	A1703-937	47.7 %	(23 - 120)	
13127-88-3	PHENOL-D6	A1703-937	58.8 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	A1703-937	68.9 %	(18 - 137)	

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706425-3

Client Sample ID: TP-5
Collected: 06/07/2007 07:50
Matrix: Soil
Type: Grab
% Solid: 83.3%
Remarks:
Analyzed Date: 06/25/2007
Preparation Date(s) : 06/25/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	A1703-940	9.08	9.08	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	A1703-940	11.6	11.6	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	A1703-940	11.5	11.5	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	A1703-940	9.32	9.32	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	A1703-940	7.52	7.52	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	A1703-940	15.6	15.6	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	A1703-940	13.7	13.7	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	A1703-940	11.2	11.2	ug/Kg	U
120-83-2	2,4-Dichlorophenol	A1703-940	9.80	9.80	ug/Kg	U
105-67-9	2,4-Dimethylphenol	A1703-940	8.08	8.08	ug/Kg	U
51-28-5	2,4-Dinitrophenol	A1703-940	60.8	60.8	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	A1703-940	7.64	7.64	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	A1703-940	8.68	8.68	ug/Kg	U
91-58-7	2-Chloronaphthalene	A1703-940	10.6	10.6	ug/Kg	U
95-57-8	2-Chlorophenol	A1703-940	12.6	12.6	ug/Kg	U
91-57-6	2-Methylnaphthalene	A1703-940	11.6	**20.9**	ug/Kg	J
95-48-7	2-Methylphenol	A1703-940	10.2	10.2	ug/Kg	U
88-74-4	2-Nitroaniline	A1703-940	9.08	9.08	ug/Kg	U
88-75-5	2-Nitrophenol	A1703-940	8.76	8.76	ug/Kg	U
106-44-5	3+4-Methylphenol	A1703-940	12.6	12.6	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	A1703-940	20.0	20.0	ug/Kg	U
99-09-2	3-Nitroaniline	A1703-940	15.4	15.4	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	A1703-940	175	175	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	A1703-940	15.1	15.1	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	A1703-940	18.4	18.4	ug/Kg	U
106-47-8	4-Chloroaniline	A1703-940	11.4	11.4	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	A1703-940	10.1	10.1	ug/Kg	U
100-01-6	4-Nitroaniline	A1703-940	19.2	19.2	ug/Kg	U
100-02-7	4-Nitrophenol	A1703-940	19.9	19.9	ug/Kg	U
83-32-9	Acenaphthene	A1703-940	9.76	**183**	ug/Kg	J
208-96-8	Acenaphthylene	A1703-940	11.8	11.8	ug/Kg	U
62-53-3	Aniline	A1703-940	12.7	12.7	ug/Kg	U
120-12-7	Anthracene	A1703-940	13.8	**128**	ug/Kg	J

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706425-3

Client Sample ID: TP-5
Collected: 06/07/2007 07:50
Matrix: Soil
Type: Grab
% Solid: 83.3%
Remarks:
Analyzed Date: 06/25/2007
Preparation Date(s) : 06/25/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
92-87-5	Benzidine	A1703-940	416	416	ug/Kg	U
56-55-3	Benzo(a)anthracene	A1703-940	18.8	18.8	ug/Kg	U
50-32-8	Benzo(a)pyrene	A1703-940	15.9	15.9	ug/Kg	U
205-99-2	Benzo(b)fluoranthene	A1703-940	19.9	19.9	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	A1703-940	19.6	19.6	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	A1703-940	18.4	18.4	ug/Kg	U
65-85-0	Benzoic acid	A1703-940	1040	1040	ug/Kg	U
100-51-6	Benzyl alcohol	A1703-940	9.84	9.84	ug/Kg	U
85-68-7	Butyl benzyl phthalate	A1703-940	15.8	15.8	ug/Kg	U
86-74-8	Carbazole	A1703-940	32.8	32.8	ug/Kg	U
218-01-9	Chrysene	A1703-940	19.0	19.0	ug/Kg	U
	Cresols	A1703-940	22.8	22.8	ug/Kg	U
84-74-2	Di-n-butyl phthalate	A1703-940	16.2	16.2	ug/Kg	U
117-84-0	Di-n-octyl phthalate	A1703-940	16.0	16.0	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	A1703-940	20.9	20.9	ug/Kg	U
132-64-9	Dibenzofuran	A1703-940	14.0	14.0	ug/Kg	U
84-66-2	Diethyl phthalate	A1703-940	11.6	11.6	ug/Kg	U
131-11-3	Dimethyl phthalate	A1703-940	11.6	11.6	ug/Kg	U
206-44-0	Fluoranthene	A1703-940	18.1	**36.9**	ug/Kg	J
86-73-7	Fluorene	A1703-940	10.6	**393**	ug/Kg	
118-74-1	Hexachlorobenzene	A1703-940	16.0	16.0	ug/Kg	U
87-68-3	Hexachlorobutadiene	A1703-940	11.5	11.5	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	A1703-940	2.98	2.98	ug/Kg	U
67-72-1	Hexachloroethane	A1703-940	8.72	8.72	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	A1703-940	16.9	16.9	ug/Kg	U
78-59-1	Isophorone	A1703-940	10.0	10.0	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	A1703-940	8.44	8.44	ug/Kg	U
62-75-9	N-Nitrosodimethylamine	A1703-940	11.4	11.4	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	A1703-940	13.4	13.4	ug/Kg	U
91-20-3	Naphthalene	A1703-940	12.4	12.4	ug/Kg	U
98-95-3	Nitrobenzene	A1703-940	14.7	14.7	ug/Kg	U
87-86-5	Pentachlorophenol	A1703-940	213	213	ug/Kg	U
85-01-8	Phenanthrene	A1703-940	13.8	**790**	ug/Kg	

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706425-3

Client Sample ID: TP-5
Collected: 06/07/2007 07:50
Matrix: Soil
Type: Grab
% Solid: 83.3%
Remarks:
Analyzed Date: 06/25/2007
Preparation Date(s) : 06/25/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
108-95-2	Phenol	A1703-940	24.7	24.7	ug/Kg	U
129-00-0	Pyrene	A1703-940	15.5	**46.0**	ug/Kg	J
110-86-1	Pyridine	A1703-940	16.2	16.2	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	A1703-940	13.2	13.2	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	A1703-940	11.0	11.0	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	A1703-940	9.52	9.52	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	A1703-940	37.5	37.5	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	A1703-940	76.6 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	A1703-940	55.6 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	A1703-940	45.0 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	A1703-940	45.3 %	(23 - 120)	
13127-88-3	PHENOL-D6	A1703-940	51.3 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	A1703-940	58.4 %	(18 - 137)	

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706425-4

Client Sample ID: TP-7
Collected: 06/07/2007 10:40
Matrix: Soil
Type: Grab
% Solid: 84.8%
Remarks:
Analyzed Date: 06/26/2007
Preparation Date(s) : 06/25/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	A1704-948	178	178	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	A1704-948	227	227	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	A1704-948	226	226	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	A1704-948	183	183	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	A1704-948	148	148	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	A1704-948	307	307	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	A1704-948	269	269	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	A1704-948	219	219	ug/Kg	U
120-83-2	2,4-Dichlorophenol	A1704-948	193	193	ug/Kg	U
105-67-9	2,4-Dimethylphenol	A1704-948	159	159	ug/Kg	U
51-28-5	2,4-Dinitrophenol	A1704-948	1190	1190	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	A1704-948	150	150	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	A1704-948	171	171	ug/Kg	U
91-58-7	2-Chloronaphthalene	A1704-948	209	209	ug/Kg	U
95-57-8	2-Chlorophenol	A1704-948	248	248	ug/Kg	U
91-57-6	2-Methylnaphthalene	A1704-948	227	227	ug/Kg	U
95-48-7	2-Methylphenol	A1704-948	201	201	ug/Kg	U
88-74-4	2-Nitroaniline	A1704-948	178	178	ug/Kg	U
88-75-5	2-Nitrophenol	A1704-948	172	172	ug/Kg	U
106-44-5	3+4-Methylphenol	A1704-948	247	247	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	A1704-948	393	393	ug/Kg	U
99-09-2	3-Nitroaniline	A1704-948	302	302	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	A1704-948	3440	3440	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	A1704-948	296	296	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	A1704-948	361	361	ug/Kg	U
106-47-8	4-Chloroaniline	A1704-948	225	225	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	A1704-948	198	198	ug/Kg	U
100-01-6	4-Nitroaniline	A1704-948	378	378	ug/Kg	U
100-02-7	4-Nitrophenol	A1704-948	392	392	ug/Kg	U
83-32-9	Acenaphthene	A1704-948	192	**802**	ug/Kg	J
208-96-8	Acenaphthylene	A1704-948	231	231	ug/Kg	U
62-53-3	Aniline	A1704-948	249	249	ug/Kg	U
120-12-7	Anthracene	A1704-948	271	271	ug/Kg	U

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706425-4

Client Sample ID: TP-7
Collected: 06/07/2007 10:40
Matrix: Soil
Type: Grab
% Solid: 84.8%
Remarks:
Analyzed Date: 06/26/2007
Preparation Date(s) : 06/25/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
92-87-5	Benzidine	A1704-948	8180	8180	ug/Kg	U
56-55-3	Benzo(a)anthracene	A1704-948	370	370	ug/Kg	U
50-32-8	Benzo(a)pyrene	A1704-948	313	313	ug/Kg	U
205-99-2	Benzo(b)fluoranthene	A1704-948	392	392	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	A1704-948	385	385	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	A1704-948	362	362	ug/Kg	U
65-85-0	Benzoic acid	A1704-948	20400	20400	ug/Kg	U
100-51-6	Benzyl alcohol	A1704-948	193	193	ug/Kg	U
85-68-7	Butyl benzyl phthalate	A1704-948	310	310	ug/Kg	U
86-74-8	Carbazole	A1704-948	645	645	ug/Kg	U
218-01-9	Chrysene	A1704-948	373	373	ug/Kg	U
	Cresols	A1704-948	448	448	ug/Kg	U
84-74-2	Di-n-butyl phthalate	A1704-948	319	319	ug/Kg	U
117-84-0	Di-n-octyl phthalate	A1704-948	314	314	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	A1704-948	410	410	ug/Kg	U
132-64-9	Dibenzofuran	A1704-948	276	276	ug/Kg	U
84-66-2	Diethyl phthalate	A1704-948	227	227	ug/Kg	U
131-11-3	Dimethyl phthalate	A1704-948	228	228	ug/Kg	U
206-44-0	Fluoranthene	A1704-948	356	356	ug/Kg	U
86-73-7	Fluorene	A1704-948	208	208	ug/Kg	U
118-74-1	Hexachlorobenzene	A1704-948	315	315	ug/Kg	U
87-68-3	Hexachlorobutadiene	A1704-948	226	226	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	A1704-948	58.5	58.5	ug/Kg	U
67-72-1	Hexachloroethane	A1704-948	171	171	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	A1704-948	333	333	ug/Kg	U
78-59-1	Isophorone	A1704-948	197	197	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	A1704-948	166	166	ug/Kg	U
62-75-9	N-Nitrosodimethylamine	A1704-948	225	225	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	A1704-948	263	263	ug/Kg	U
91-20-3	Naphthalene	A1704-948	244	244	ug/Kg	U
98-95-3	Nitrobenzene	A1704-948	289	289	ug/Kg	U
87-86-5	Pentachlorophenol	A1704-948	4190	4190	ug/Kg	U
85-01-8	Phenanthrene	A1704-948	270	**645**	ug/Kg	J

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706425-4

Client Sample ID: TP-7
Collected: 06/07/2007 10:40
Matrix: Soil
Type: Grab
% Solid: 84.8%
Remarks:
Analyzed Date: 06/26/2007
Preparation Date(s) : 06/25/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
108-95-2	Phenol	A1704-948	485	485	ug/Kg	U
129-00-0	Pyrene	A1704-948	305	305	ug/Kg	U
110-86-1	Pyridine	A1704-948	318	318	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	A1704-948	259	259	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	A1704-948	215	215	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	A1704-948	187	187	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	A1704-948	736	736	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	A1704-948	60.6 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	A1704-948	68.4 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	A1704-948	52.5 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	A1704-948	66.1 %	(23 - 120)	
13127-88-3	PHENOL-D6	A1704-948	60.5 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	A1704-948	69.8 %	(18 - 137)	

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706425-5

Client Sample ID: TP-10
Collected: 06/07/2007 08:15
Matrix: Soil
Type: Grab
% Solid: 80.4%
Remarks:
Analyzed Date: 06/25/2007
Preparation Date(s) : 06/25/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	A1703-936	9.41	9.41	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	A1703-936	12.0	12.0	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	A1703-936	11.9	11.9	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	A1703-936	9.66	9.66	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	A1703-936	7.79	7.79	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	A1703-936	16.2	16.2	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	A1703-936	14.2	14.2	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	A1703-936	11.6	11.6	ug/Kg	U
120-83-2	2,4-Dichlorophenol	A1703-936	10.2	10.2	ug/Kg	U
105-67-9	2,4-Dimethylphenol	A1703-936	8.37	8.37	ug/Kg	U
51-28-5	2,4-Dinitrophenol	A1703-936	63.0	63.0	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	A1703-936	7.92	7.92	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	A1703-936	9.00	9.00	ug/Kg	U
91-58-7	2-Chloronaphthalene	A1703-936	11.0	11.0	ug/Kg	U
95-57-8	2-Chlorophenol	A1703-936	13.1	13.1	ug/Kg	U
91-57-6	2-Methylnaphthalene	A1703-936	12.0	12.0	ug/Kg	U
95-48-7	2-Methylphenol	A1703-936	10.6	10.6	ug/Kg	U
88-74-4	2-Nitroaniline	A1703-936	9.41	9.41	ug/Kg	U
88-75-5	2-Nitrophenol	A1703-936	9.08	9.08	ug/Kg	U
106-44-5	3+4-Methylphenol	A1703-936	13.0	13.0	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	A1703-936	20.7	20.7	ug/Kg	U
99-09-2	3-Nitroaniline	A1703-936	15.9	15.9	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	A1703-936	182	182	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	A1703-936	15.6	15.6	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	A1703-936	19.0	19.0	ug/Kg	U
106-47-8	4-Chloroaniline	A1703-936	11.9	11.9	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	A1703-936	10.4	10.4	ug/Kg	U
100-01-6	4-Nitroaniline	A1703-936	19.9	19.9	ug/Kg	U
100-02-7	4-Nitrophenol	A1703-936	20.6	20.6	ug/Kg	U
83-32-9	Acenaphthene	A1703-936	10.1	10.1	ug/Kg	U
208-96-8	Acenaphthylene	A1703-936	12.2	12.2	ug/Kg	U
62-53-3	Aniline	A1703-936	13.1	13.1	ug/Kg	U
120-12-7	Anthracene	A1703-936	14.3	14.3	ug/Kg	U

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706425-5

Client Sample ID: TP-10
Collected: 06/07/2007 08:15
Matrix: Soil
Type: Grab
% Solid: 80.4%
Remarks:
Analyzed Date: 06/25/2007
Preparation Date(s) : 06/25/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
92-87-5	Benzidine	A1703-936	431	431	ug/Kg	U
56-55-3	Benzo(a)anthracene	A1703-936	19.5	19.5	ug/Kg	U
50-32-8	Benzo(a)pyrene	A1703-936	16.5	16.5	ug/Kg	U
205-99-2	Benzo(b)fluoranthene	A1703-936	20.6	20.6	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	A1703-936	20.3	20.3	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	A1703-936	19.1	19.1	ug/Kg	U
65-85-0	Benzoic acid	A1703-936	1070	1070	ug/Kg	U
100-51-6	Benzyl alcohol	A1703-936	10.2	10.2	ug/Kg	U
85-68-7	Butyl benzyl phthalate	A1703-936	16.3	16.3	ug/Kg	U
86-74-8	Carbazole	A1703-936	34.0	34.0	ug/Kg	U
218-01-9	Chrysene	A1703-936	19.7	19.7	ug/Kg	U
	Cresols	A1703-936	23.6	23.6	ug/Kg	U
84-74-2	Di-n-butyl phthalate	A1703-936	16.8	16.8	ug/Kg	U
117-84-0	Di-n-octyl phthalate	A1703-936	16.5	16.5	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	A1703-936	21.6	21.6	ug/Kg	U
132-64-9	Dibenzofuran	A1703-936	14.6	14.6	ug/Kg	U
84-66-2	Diethyl phthalate	A1703-936	12.0	12.0	ug/Kg	U
131-11-3	Dimethyl phthalate	A1703-936	12.0	12.0	ug/Kg	U
206-44-0	Fluoranthene	A1703-936	18.8	18.8	ug/Kg	U
86-73-7	Fluorene	A1703-936	11.0	11.0	ug/Kg	U
118-74-1	Hexachlorobenzene	A1703-936	16.6	16.6	ug/Kg	U
87-68-3	Hexachlorobutadiene	A1703-936	11.9	11.9	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	A1703-936	3.08	3.08	ug/Kg	U
67-72-1	Hexachloroethane	A1703-936	9.04	9.04	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	A1703-936	17.5	17.5	ug/Kg	U
78-59-1	Isophorone	A1703-936	10.4	10.4	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	A1703-936	8.75	8.75	ug/Kg	U
62-75-9	N-Nitrosodimethylamine	A1703-936	11.9	11.9	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	A1703-936	13.8	13.8	ug/Kg	U
91-20-3	Naphthalene	A1703-936	12.9	12.9	ug/Kg	U
98-95-3	Nitrobenzene	A1703-936	15.2	15.2	ug/Kg	U
87-86-5	Pentachlorophenol	A1703-936	221	221	ug/Kg	U
85-01-8	Phenanthrene	A1703-936	14.3	14.3	ug/Kg	U

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706425-5

Client Sample ID: TP-10
Collected: 06/07/2007 08:15
Matrix: Soil
Type: Grab
% Solid: 80.4%
Remarks:
Analyzed Date: 06/25/2007
Preparation Date(s) : 06/25/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
108-95-2	Phenol	A1703-936	25.6	25.6	ug/Kg	U
129-00-0	Pyrene	A1703-936	16.1	16.1	ug/Kg	U
110-86-1	Pyridine	A1703-936	16.8	16.8	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	A1703-936	13.7	13.7	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	A1703-936	11.4	11.4	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	A1703-936	9.87	9.87	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	A1703-936	38.8	38.8	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	A1703-936	78.7 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	A1703-936	55.3 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	A1703-936	51.7 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	A1703-936	47.9 %	(23 - 120)	
13127-88-3	PHENOL-D6	A1703-936	58.2 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	A1703-936	72.3 %	(18 - 137)	

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706425-6

Client Sample ID: TP-11
Collected: 06/07/2007 11:20
Matrix: Soil
Type: Grab
% Solid: 89%
Remarks:
Analyzed Date: 06/27/2007
Preparation Date(s) : 06/25/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	A1705-957	42.5	42.5	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	A1705-957	54.1	54.1	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	A1705-957	53.7	53.7	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	A1705-957	43.6	43.6	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	A1705-957	35.2	35.2	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	A1705-957	73.0	73.0	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	A1705-957	64.0	64.0	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	A1705-957	52.2	52.2	ug/Kg	U
120-83-2	2,4-Dichlorophenol	A1705-957	45.9	45.9	ug/Kg	U
105-67-9	2,4-Dimethylphenol	A1705-957	37.8	37.8	ug/Kg	U
51-28-5	2,4-Dinitrophenol	A1705-957	285	285	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	A1705-957	35.8	35.8	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	A1705-957	40.6	40.6	ug/Kg	U
91-58-7	2-Chloronaphthalene	A1705-957	49.8	49.8	ug/Kg	U
95-57-8	2-Chlorophenol	A1705-957	59.0	59.0	ug/Kg	U
91-57-6	2-Methylnaphthalene	A1705-957	54.1	**319**	ug/Kg	J
95-48-7	2-Methylphenol	A1705-957	47.9	47.9	ug/Kg	U
88-74-4	2-Nitroaniline	A1705-957	42.5	42.5	ug/Kg	U
88-75-5	2-Nitrophenol	A1705-957	41.0	41.0	ug/Kg	U
106-44-5	3+4-Methylphenol	A1705-957	58.8	58.8	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	A1705-957	93.6	93.6	ug/Kg	U
99-09-2	3-Nitroaniline	A1705-957	71.9	71.9	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	A1705-957	820	820	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	A1705-957	70.6	70.6	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	A1705-957	86.0	86.0	ug/Kg	U
106-47-8	4-Chloroaniline	A1705-957	53.6	53.6	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	A1705-957	47.2	47.2	ug/Kg	U
100-01-6	4-Nitroaniline	A1705-957	90.1	90.1	ug/Kg	U
100-02-7	4-Nitrophenol	A1705-957	93.3	93.3	ug/Kg	U
83-32-9	Acenaphthene	A1705-957	45.7	**86.2**	ug/Kg	J
208-96-8	Acenaphthylene	A1705-957	55.1	55.1	ug/Kg	U
62-53-3	Aniline	A1705-957	59.4	59.4	ug/Kg	U
120-12-7	Anthracene	A1705-957	64.6	**77.4**	ug/Kg	J

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706425-6

Client Sample ID: TP-11
Collected: 06/07/2007 11:20
Matrix: Soil
Type: Grab
% Solid: 89%
Remarks:
Analyzed Date: 06/27/2007
Preparation Date(s) : 06/25/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
92-87-5	Benzidine	A1705-957	1950	1950	ug/Kg	U
56-55-3	Benzo(a)anthracene	A1705-957	88.2	88.2	ug/Kg	U
50-32-8	Benzo(a)pyrene	A1705-957	74.5	74.5	ug/Kg	U
205-99-2	Benzo(b)fluoranthene	A1705-957	93.3	93.3	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	A1705-957	91.8	91.8	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	A1705-957	86.1	86.1	ug/Kg	U
65-85-0	Benzoic acid	A1705-957	4850	4850	ug/Kg	U
100-51-6	Benzyl alcohol	A1705-957	46.1	46.1	ug/Kg	U
85-68-7	Butyl benzyl phthalate	A1705-957	73.8	73.8	ug/Kg	U
86-74-8	Carbazole	A1705-957	154	154	ug/Kg	U
218-01-9	Chrysene	A1705-957	89.0	89.0	ug/Kg	U
	Cresols	A1705-957	534	534	ug/Kg	U
84-74-2	Di-n-butyl phthalate	A1705-957	76.0	76.0	ug/Kg	U
117-84-0	Di-n-octyl phthalate	A1705-957	74.7	74.7	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	A1705-957	97.8	97.8	ug/Kg	U
132-64-9	Dibenzofuran	A1705-957	65.7	65.7	ug/Kg	U
84-66-2	Diethyl phthalate	A1705-957	54.1	54.1	ug/Kg	U
131-11-3	Dimethyl phthalate	A1705-957	54.3	54.3	ug/Kg	U
206-44-0	Fluoranthene	A1705-957	84.8	**130**	ug/Kg	J
86-73-7	Fluorene	A1705-957	49.6	**160**	ug/Kg	J
118-74-1	Hexachlorobenzene	A1705-957	75.1	75.1	ug/Kg	U
87-68-3	Hexachlorobutadiene	A1705-957	53.9	53.9	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	A1705-957	13.9	13.9	ug/Kg	U
67-72-1	Hexachloroethane	A1705-957	40.8	40.8	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	A1705-957	79.2	79.2	ug/Kg	U
78-59-1	Isophorone	A1705-957	46.8	46.8	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	A1705-957	39.5	39.5	ug/Kg	U
62-75-9	N-Nitrosodimethylamine	A1705-957	53.6	53.6	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	A1705-957	62.5	62.5	ug/Kg	U
91-20-3	Naphthalene	A1705-957	58.2	**156**	ug/Kg	J
98-95-3	Nitrobenzene	A1705-957	68.7	68.7	ug/Kg	U
87-86-5	Pentachlorophenol	A1705-957	998	998	ug/Kg	U
85-01-8	Phenanthrene	A1705-957	64.4	**343**	ug/Kg	J

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706425-6

Client Sample ID: TP-11
Collected: 06/07/2007 11:20
Matrix: Soil
Type: Grab
% Solid: 89%
Remarks:
Analyzed Date: 06/27/2007
Preparation Date(s) : 06/25/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
108-95-2	Phenol	A1705-957	116	116	ug/Kg	U
129-00-0	Pyrene	A1705-957	72.7	**135**	ug/Kg	J
110-86-1	Pyridine	A1705-957	75.8	75.8	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	A1705-957	61.8	61.8	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	A1705-957	51.3	51.3	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	A1705-957	44.6	44.6	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	A1705-957	175	175	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	A1705-957	74.0 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	A1705-957	65.2 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	A1705-957	51.9 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	A1705-957	51.2 %	(23 - 120)	
13127-88-3	PHENOL-D6	A1705-957	59.9 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	A1705-957	67.5 %	(18 - 137)	

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706425-7

Client Sample ID: TP-14
Collected: 06/07/2007 13:35
Matrix: Soil
Type: Grab
% Solid: 41%
Remarks:
Analyzed Date: 06/25/2007
Preparation Date(s) : 06/25/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	A1703-938	18.5	18.5	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	A1703-938	23.5	23.5	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	A1703-938	23.3	23.3	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	A1703-938	18.9	18.9	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	A1703-938	15.3	15.3	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	A1703-938	31.7	31.7	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	A1703-938	27.8	27.8	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	A1703-938	22.7	22.7	ug/Kg	U
120-83-2	2,4-Dichlorophenol	A1703-938	19.9	19.9	ug/Kg	U
105-67-9	2,4-Dimethylphenol	A1703-938	16.4	16.4	ug/Kg	U
51-28-5	2,4-Dinitrophenol	A1703-938	124	124	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	A1703-938	15.5	15.5	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	A1703-938	17.6	17.6	ug/Kg	U
91-58-7	2-Chloronaphthalene	A1703-938	21.6	21.6	ug/Kg	U
95-57-8	2-Chlorophenol	A1703-938	25.6	25.6	ug/Kg	U
91-57-6	2-Methylnaphthalene	A1703-938	23.5	23.5	ug/Kg	U
95-48-7	2-Methylphenol	A1703-938	20.8	20.8	ug/Kg	U
88-74-4	2-Nitroaniline	A1703-938	18.5	18.5	ug/Kg	U
88-75-5	2-Nitrophenol	A1703-938	17.8	17.8	ug/Kg	U
106-44-5	3+4-Methylphenol	A1703-938	25.5	25.5	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	A1703-938	40.7	40.7	ug/Kg	U
99-09-2	3-Nitroaniline	A1703-938	31.2	31.2	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	A1703-938	356	356	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	A1703-938	30.7	30.7	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	A1703-938	37.3	37.3	ug/Kg	U
106-47-8	4-Chloroaniline	A1703-938	23.3	23.3	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	A1703-938	20.5	20.5	ug/Kg	U
100-01-6	4-Nitroaniline	A1703-938	39.1	39.1	ug/Kg	U
100-02-7	4-Nitrophenol	A1703-938	40.5	40.5	ug/Kg	U
83-32-9	Acenaphthene	A1703-938	19.8	19.8	ug/Kg	U
208-96-8	Acenaphthylene	A1703-938	23.9	23.9	ug/Kg	U
62-53-3	Aniline	A1703-938	25.8	25.8	ug/Kg	U
120-12-7	Anthracene	A1703-938	28.0	28.0	ug/Kg	U

Environmental Testing Laboratories, Inc.
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Phone - 631-249-1456 Fax - 631-249-8344

05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706425-7

Client Sample ID: TP-14
Collected: 06/07/2007 13:35
Matrix: Soil
Type: Grab
% Solid: 41%
Remarks:
Analyzed Date: 06/25/2007
Preparation Date(s) : 06/25/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
92-87-5	Benzidine	A1703-938	846	846	ug/Kg	U
56-55-3	Benzo(a)anthracene	A1703-938	38.3	38.3	ug/Kg	U
50-32-8	Benzo(a)pyrene	A1703-938	32.4	32.4	ug/Kg	U
205-99-2	Benzo(b)fluoranthene	A1703-938	40.5	40.5	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	A1703-938	39.8	39.8	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	A1703-938	37.4	37.4	ug/Kg	U
65-85-0	Benzoic acid	A1703-938	2110	2110	ug/Kg	U
100-51-6	Benzyl alcohol	A1703-938	20.0	20.0	ug/Kg	U
85-68-7	Butyl benzyl phthalate	A1703-938	32.0	32.0	ug/Kg	U
86-74-8	Carbazole	A1703-938	66.7	66.7	ug/Kg	U
218-01-9	Chrysene	A1703-938	38.6	38.6	ug/Kg	U
	Cresols	A1703-938	46.3	46.3	ug/Kg	U
84-74-2	Di-n-butyl phthalate	A1703-938	33.0	33.0	ug/Kg	U
117-84-0	Di-n-octyl phthalate	A1703-938	32.4	32.4	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	A1703-938	42.4	42.4	ug/Kg	U
132-64-9	Dibenzofuran	A1703-938	28.5	28.5	ug/Kg	U
84-66-2	Diethyl phthalate	A1703-938	23.5	23.5	ug/Kg	U
131-11-3	Dimethyl phthalate	A1703-938	23.6	23.6	ug/Kg	U
206-44-0	Fluoranthene	A1703-938	36.8	36.8	ug/Kg	U
86-73-7	Fluorene	A1703-938	21.5	21.5	ug/Kg	U
118-74-1	Hexachlorobenzene	A1703-938	32.6	32.6	ug/Kg	U
87-68-3	Hexachlorobutadiene	A1703-938	23.4	23.4	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	A1703-938	6.05	6.05	ug/Kg	U
67-72-1	Hexachloroethane	A1703-938	17.7	17.7	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	A1703-938	34.4	34.4	ug/Kg	U
78-59-1	Isophorone	A1703-938	20.3	20.3	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	A1703-938	17.2	17.2	ug/Kg	U
62-75-9	N-Nitrosodimethylamine	A1703-938	23.3	23.3	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	A1703-938	27.2	27.2	ug/Kg	U
91-20-3	Naphthalene	A1703-938	25.3	25.3	ug/Kg	U
98-95-3	Nitrobenzene	A1703-938	29.8	29.8	ug/Kg	U
87-86-5	Pentachlorophenol	A1703-938	433	433	ug/Kg	U
85-01-8	Phenanthrene	A1703-938	28.0	28.0	ug/Kg	U

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706425-7

Client Sample ID: TP-14
Collected: 06/07/2007 13:35
Matrix: Soil
Type: Grab
% Solid: 41%
Remarks:
Analyzed Date: 06/25/2007
Preparation Date(s) : 06/25/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
108-95-2	Phenol	A1703-938	50.2	**172**	ug/Kg	J
129-00-0	Pyrene	A1703-938	31.5	31.5	ug/Kg	U
110-86-1	Pyridine	A1703-938	32.9	32.9	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	A1703-938	26.8	26.8	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	A1703-938	22.3	22.3	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	A1703-938	19.3	19.3	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	A1703-938	76.1	76.1	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	A1703-938	91.6 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	A1703-938	66.1 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	A1703-938	59.4 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	A1703-938	58.2 %	(23 - 120)	
13127-88-3	PHENOL-D6	A1703-938	66.3 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	A1703-938	77.2 %	(18 - 137)	

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706425-8

Client Sample ID: TP-15
Collected: 06/07/2007 13:13
Matrix: Soil
Type: Grab
% Solid: 72%
Remarks:
Analyzed Date: 06/26/2007
Preparation Date(s) : 06/25/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	A1704-947	10.5	10.5	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	A1704-947	13.4	13.4	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	A1704-947	13.3	13.3	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	A1704-947	10.8	10.8	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	A1704-947	8.70	8.70	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	A1704-947	18.1	18.1	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	A1704-947	15.8	15.8	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	A1704-947	12.9	12.9	ug/Kg	U
120-83-2	2,4-Dichlorophenol	A1704-947	11.3	11.3	ug/Kg	U
105-67-9	2,4-Dimethylphenol	A1704-947	9.35	9.35	ug/Kg	U
51-28-5	2,4-Dinitrophenol	A1704-947	70.4	70.4	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	A1704-947	8.84	8.84	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	A1704-947	10.0	10.0	ug/Kg	U
91-58-7	2-Chloronaphthalene	A1704-947	12.3	12.3	ug/Kg	U
95-57-8	2-Chlorophenol	A1704-947	14.6	14.6	ug/Kg	U
91-57-6	2-Methylnaphthalene	A1704-947	13.4	13.4	ug/Kg	U
95-48-7	2-Methylphenol	A1704-947	11.9	11.9	ug/Kg	U
88-74-4	2-Nitroaniline	A1704-947	10.5	10.5	ug/Kg	U
88-75-5	2-Nitrophenol	A1704-947	10.1	10.1	ug/Kg	U
106-44-5	3+4-Methylphenol	A1704-947	14.5	14.5	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	A1704-947	23.1	23.1	ug/Kg	U
99-09-2	3-Nitroaniline	A1704-947	17.8	17.8	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	A1704-947	203	203	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	A1704-947	17.5	17.5	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	A1704-947	21.3	21.3	ug/Kg	U
106-47-8	4-Chloroaniline	A1704-947	13.2	13.2	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	A1704-947	11.7	11.7	ug/Kg	U
100-01-6	4-Nitroaniline	A1704-947	22.3	22.3	ug/Kg	U
100-02-7	4-Nitrophenol	A1704-947	23.1	23.1	ug/Kg	U
83-32-9	Acenaphthene	A1704-947	11.3	11.3	ug/Kg	U
208-96-8	Acenaphthylene	A1704-947	13.6	13.6	ug/Kg	U
62-53-3	Aniline	A1704-947	14.7	14.7	ug/Kg	U
120-12-7	Anthracene	A1704-947	16.0	16.0	ug/Kg	U

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706425-8

Client Sample ID: TP-15
Collected: 06/07/2007 13:13
Matrix: Soil
Type: Grab
% Solid: 72%
Remarks:
Analyzed Date: 06/26/2007
Preparation Date(s) : 06/25/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
92-87-5	Benzidine	A1704-947	481	481	ug/Kg	U
56-55-3	Benzo(a)anthracene	A1704-947	21.8	**29.1**	ug/Kg	J
50-32-8	Benzo(a)pyrene	A1704-947	18.4	**33.3**	ug/Kg	J
205-99-2	Benzo(b)fluoranthene	A1704-947	23.1	**25.3**	ug/Kg	J
191-24-2	Benzo(g,h,i)perylene	A1704-947	22.7	**22.9**	ug/Kg	J
207-08-9	Benzo(k)fluoranthene	A1704-947	21.3	**29.0**	ug/Kg	J
65-85-0	Benzoic acid	A1704-947	1200	1200	ug/Kg	U
100-51-6	Benzyl alcohol	A1704-947	11.4	11.4	ug/Kg	U
85-68-7	Butyl benzyl phthalate	A1704-947	18.2	18.2	ug/Kg	U
86-74-8	Carbazole	A1704-947	38.0	38.0	ug/Kg	U
218-01-9	Chrysene	A1704-947	22.0	**30.0**	ug/Kg	J
	Cresols	A1704-947	26.4	26.4	ug/Kg	U
84-74-2	Di-n-butyl phthalate	A1704-947	18.8	**28.7**	ug/Kg	J
117-84-0	Di-n-octyl phthalate	A1704-947	18.5	18.5	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	A1704-947	24.2	24.2	ug/Kg	U
132-64-9	Dibenzofuran	A1704-947	16.3	16.3	ug/Kg	U
84-66-2	Diethyl phthalate	A1704-947	13.4	13.4	ug/Kg	U
131-11-3	Dimethyl phthalate	A1704-947	13.4	13.4	ug/Kg	U
206-44-0	Fluoranthene	A1704-947	21.0	**44.0**	ug/Kg	J
86-73-7	Fluorene	A1704-947	12.3	12.3	ug/Kg	U
118-74-1	Hexachlorobenzene	A1704-947	18.6	18.6	ug/Kg	U
87-68-3	Hexachlorobutadiene	A1704-947	13.3	13.3	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	A1704-947	3.44	3.44	ug/Kg	U
67-72-1	Hexachloroethane	A1704-947	10.1	10.1	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	A1704-947	19.6	**21.7**	ug/Kg	J
78-59-1	Isophorone	A1704-947	11.6	11.6	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	A1704-947	9.77	9.77	ug/Kg	U
62-75-9	N-Nitrosodimethylamine	A1704-947	13.2	13.2	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	A1704-947	15.5	15.5	ug/Kg	U
91-20-3	Naphthalene	A1704-947	14.4	14.4	ug/Kg	U
98-95-3	Nitrobenzene	A1704-947	17.0	17.0	ug/Kg	U
87-86-5	Pentachlorophenol	A1704-947	247	247	ug/Kg	U
85-01-8	Phenanthrene	A1704-947	15.9	15.9	ug/Kg	U

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706425-8

Client Sample ID: TP-15
Collected: 06/07/2007 13:13
Matrix: Soil
Type: Grab
% Solid: 72%
Remarks:
Analyzed Date: 06/26/2007
Preparation Date(s) : 06/25/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
108-95-2	Phenol	A1704-947	28.6	28.6	ug/Kg	U
129-00-0	Pyrene	A1704-947	18.0	**43.8**	ug/Kg	J
110-86-1	Pyridine	A1704-947	18.8	18.8	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	A1704-947	15.3	15.3	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	A1704-947	12.7	12.7	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	A1704-947	11.0	11.0	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	A1704-947	43.3	43.3	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	A1704-947	76.3 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	A1704-947	58.4 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	A1704-947	54.4 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	A1704-947	54.5 %	(23 - 120)	
13127-88-3	PHENOL-D6	A1704-947	63.5 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	A1704-947	67.6 %	(18 - 137)	

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706425-9

Client Sample ID: TP-17
Collected: 06/07/2007 14:25
Matrix: Soil
Type: Grab
% Solid: 77.5%
Remarks:
Analyzed Date: 06/26/2007
Preparation Date(s) : 06/25/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	A1704-944	9.76	9.76	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	A1704-944	12.4	12.4	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	A1704-944	12.3	12.3	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	A1704-944	10.0	10.0	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	A1704-944	8.09	8.09	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	A1704-944	16.8	16.8	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	A1704-944	14.7	14.7	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	A1704-944	12.0	12.0	ug/Kg	U
120-83-2	2,4-Dichlorophenol	A1704-944	10.5	10.5	ug/Kg	U
105-67-9	2,4-Dimethylphenol	A1704-944	8.69	8.69	ug/Kg	U
51-28-5	2,4-Dinitrophenol	A1704-944	65.4	65.4	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	A1704-944	8.22	8.22	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	A1704-944	9.33	9.33	ug/Kg	U
91-58-7	2-Chloronaphthalene	A1704-944	11.4	11.4	ug/Kg	U
95-57-8	2-Chlorophenol	A1704-944	13.5	13.5	ug/Kg	U
91-57-6	2-Methylnaphthalene	A1704-944	12.4	**203**	ug/Kg	J
95-48-7	2-Methylphenol	A1704-944	11.0	11.0	ug/Kg	U
88-74-4	2-Nitroaniline	A1704-944	9.76	9.76	ug/Kg	U
88-75-5	2-Nitrophenol	A1704-944	9.42	9.42	ug/Kg	U
106-44-5	3+4-Methylphenol	A1704-944	13.5	13.5	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	A1704-944	21.5	21.5	ug/Kg	U
99-09-2	3-Nitroaniline	A1704-944	16.5	16.5	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	A1704-944	188	188	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	A1704-944	16.2	16.2	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	A1704-944	19.7	19.7	ug/Kg	U
106-47-8	4-Chloroaniline	A1704-944	12.3	12.3	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	A1704-944	10.8	10.8	ug/Kg	U
100-01-6	4-Nitroaniline	A1704-944	20.7	20.7	ug/Kg	U
100-02-7	4-Nitrophenol	A1704-944	21.4	21.4	ug/Kg	U
83-32-9	Acenaphthene	A1704-944	10.5	**35.4**	ug/Kg	J
208-96-8	Acenaphthylene	A1704-944	12.6	12.6	ug/Kg	U
62-53-3	Aniline	A1704-944	13.6	13.6	ug/Kg	U
120-12-7	Anthracene	A1704-944	14.8	14.8	ug/Kg	U

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706425-9

Client Sample ID: TP-17
Collected: 06/07/2007 14:25
Matrix: Soil
Type: Grab
% Solid: 77.5%
Remarks:
Analyzed Date: 06/26/2007
Preparation Date(s) : 06/25/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
92-87-5	Benzidine	A1704-944	447	447	ug/Kg	U
56-55-3	Benzo(a)anthracene	A1704-944	20.3	20.3	ug/Kg	U
50-32-8	Benzo(a)pyrene	A1704-944	17.1	17.1	ug/Kg	U
205-99-2	Benzo(b)fluoranthene	A1704-944	21.4	21.4	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	A1704-944	21.1	21.1	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	A1704-944	19.8	19.8	ug/Kg	U
65-85-0	Benzoic acid	A1704-944	1110	1110	ug/Kg	U
100-51-6	Benzyl alcohol	A1704-944	10.6	10.6	ug/Kg	U
85-68-7	Butyl benzyl phthalate	A1704-944	16.9	16.9	ug/Kg	U
86-74-8	Carbazole	A1704-944	35.3	35.3	ug/Kg	U
218-01-9	Chrysene	A1704-944	20.4	20.4	ug/Kg	U
	Cresols	A1704-944	24.5	24.5	ug/Kg	U
84-74-2	Di-n-butyl phthalate	A1704-944	17.5	**26.3**	ug/Kg	J
117-84-0	Di-n-octyl phthalate	A1704-944	17.2	17.2	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	A1704-944	22.5	22.5	ug/Kg	U
132-64-9	Dibenzofuran	A1704-944	15.1	**32.4**	ug/Kg	J
84-66-2	Diethyl phthalate	A1704-944	12.4	12.4	ug/Kg	U
131-11-3	Dimethyl phthalate	A1704-944	12.5	12.5	ug/Kg	U
206-44-0	Fluoranthene	A1704-944	19.5	19.5	ug/Kg	U
86-73-7	Fluorene	A1704-944	11.4	**83.9**	ug/Kg	J
118-74-1	Hexachlorobenzene	A1704-944	17.2	17.2	ug/Kg	U
87-68-3	Hexachlorobutadiene	A1704-944	12.4	12.4	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	A1704-944	3.20	3.20	ug/Kg	U
67-72-1	Hexachloroethane	A1704-944	9.38	9.38	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	A1704-944	18.2	18.2	ug/Kg	U
78-59-1	Isophorone	A1704-944	10.8	10.8	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	A1704-944	9.08	9.08	ug/Kg	U
62-75-9	N-Nitrosodimethylamine	A1704-944	12.3	12.3	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	A1704-944	14.4	14.4	ug/Kg	U
91-20-3	Naphthalene	A1704-944	13.4	**38.1**	ug/Kg	J
98-95-3	Nitrobenzene	A1704-944	15.8	15.8	ug/Kg	U
87-86-5	Pentachlorophenol	A1704-944	229	229	ug/Kg	U
85-01-8	Phenanthrene	A1704-944	14.8	**113**	ug/Kg	J

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706425-9

Client Sample ID: TP-17
Collected: 06/07/2007 14:25
Matrix: Soil
Type: Grab
% Solid: 77.5%
Remarks:
Analyzed Date: 06/26/2007
Preparation Date(s) : 06/25/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
108-95-2	Phenol	A1704-944	26.5	26.5	ug/Kg	U
129-00-0	Pyrene	A1704-944	16.7	16.7	ug/Kg	U
110-86-1	Pyridine	A1704-944	17.4	17.4	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	A1704-944	14.2	14.2	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	A1704-944	11.8	11.8	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	A1704-944	10.2	10.2	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	A1704-944	40.3	40.3	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	A1704-944	72.9 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	A1704-944	60.4 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	A1704-944	57.4 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	A1704-944	57.4 %	(23 - 120)	
13127-88-3	PHENOL-D6	A1704-944	65.0 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	A1704-944	63.8 %	(18 - 137)	

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05/22/2008

TPH - Method 8015B

Sample: 0706425-1

Client Sample ID: TP-1
Matrix: Soil
Remarks:
Analyzed Date: 06/27/2007
Preparation Date(s) : 06/25/2007

Type: Grab

Collected: 06/07/2007 09:10
% Solid: 90.4%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Diesel Range Organics	H598-15	13.3	**14100**	mg/Kg	E

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	H598-15	50.2 %	(30 - 150)	

Sample: 0706425-2

Client Sample ID: TP-4
Matrix: Soil
Remarks:
Analyzed Date: 06/27/2007
Preparation Date(s) : 06/25/2007

Type: Grab

Collected: 06/07/2007 11:45
% Solid: 52.2%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Diesel Range Organics	H598-16	23.0	**157**	mg/Kg	

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	H598-16	64.7 %	(30 - 150)	

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05/22/2008

TPH - Method 8015B

Sample: 0706425-3

Client Sample ID: TP-5
Matrix: Soil
Remarks:
Analyzed Date: 06/27/2007
Preparation Date(s) : 06/25/2007

Type: Grab

Collected: 06/07/2007 07:50
% Solid: 83.3%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Diesel Range Organics	H598-17	14.4	**448**	mg/Kg	

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	H598-17	38.9 %	(30 - 150)	

Sample: 0706425-4

Client Sample ID: TP-7
Matrix: Soil
Remarks:
Analyzed Date: 06/27/2007
Preparation Date(s) : 06/25/2007

Type: Grab

Collected: 06/07/2007 10:40
% Solid: 84.8%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Diesel Range Organics	H598-18	14.2	**5480**	mg/Kg	

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	H598-18	52.1 %	(30 - 150)	

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05/22/2008

TPH - Method 8015B

Sample: 0706425-5

Client Sample ID: TP-10
Matrix: Soil
Remarks:
Analyzed Date: 06/27/2007
Preparation Date(s) : 06/25/2007

Type: Grab

Collected: 06/07/2007 08:15
% Solid: 80.4%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Diesel Range Organics	H598-19	14.9	14.9	mg/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	H598-19	38.7 %	(30 - 150)	

Sample: 0706425-6

Client Sample ID: TP-11
Matrix: Soil
Remarks:
Analyzed Date: 06/27/2007
Preparation Date(s) : 06/25/2007

Type: Grab

Collected: 06/07/2007 11:20
% Solid: 89%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Diesel Range Organics	H598-20	13.5	**164**	mg/Kg	

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	H598-20	29.4 %	(30 - 150)	*

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05/22/2008

TPH - Method 8015B

Sample: 0706425-7

Client Sample ID: TP-14
Matrix: Soil
Remarks:
Analyzed Date: 06/27/2007
Preparation Date(s) : 06/25/2007

Type: Grab

Collected: 06/07/2007 13:35
% Solid: 41%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Diesel Range Organics	H598-23	29.3	**429**	mg/Kg	

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	H598-23	49.9 %	(30 - 150)	

Sample: 0706425-8

Client Sample ID: TP-15
Matrix: Soil
Remarks:
Analyzed Date: 06/27/2007
Preparation Date(s) : 06/25/2007

Type: Grab

Collected: 06/07/2007 13:13
% Solid: 72%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Diesel Range Organics	H598-24	16.7	16.7	mg/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	H598-24	42.7 %	(30 - 150)	

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05/22/2008

TPH - Method 8015B

Sample: 0706425-9

Client Sample ID: TP-17
Matrix: Soil
Type: Grab
Collected: 06/07/2007 14:25
% Solid: 77.5%
Remarks:
Analyzed Date: 06/28/2007
Preparation Date(s) : 06/25/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Diesel Range Organics	H598-27	15.5	**68.7**	mg/Kg	

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	H598-27	41.8 %	(30 - 150)	

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05/22/2008

Gasoline Range Organics - EPA 8015B

Sample: 0706425-1
Client Sample ID: TP-1
Matrix: Soil
Remarks:
Analyzed Date: 06/27/2007
Type: Grab
Collected: 06/07/2007 09:10
% Solid: 90.4%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Gasoline Range Organics	M276-6	4.82	**724**	mg/Kg	

* Results are reported on a dry weight basis

Sample: 0706425-2
Client Sample ID: TP-4
Matrix: Soil
Remarks:
Analyzed Date: 06/27/2007
Type: Grab
Collected: 06/07/2007 11:45
% Solid: 52.2%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Gasoline Range Organics	M276-7	0.83	**9.91**	mg/Kg	

* Results are reported on a dry weight basis

Sample: 0706425-3
Client Sample ID: TP-5
Matrix: Soil
Remarks:
Analyzed Date: 06/27/2007
Type: Grab
Collected: 06/07/2007 07:50
% Solid: 83.3%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Gasoline Range Organics	M276-8	0.52	**68.9**	mg/Kg	

* Results are reported on a dry weight basis

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05/22/2008

Gasoline Range Organics - EPA 8015B

Sample: 0706425-4

Client Sample ID: TP-7
Matrix: Soil
Remarks:
Analyzed Date: 06/27/2007

Type: Grab

Collected: 06/07/2007 10:40
% Solid: 84.8%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Gasoline Range Organics	M276-11	2.05	**149**	mg/Kg	

* Results are reported on a dry weight basis

Sample: 0706425-5

Client Sample ID: TP-10
Matrix: Soil
Remarks:
Analyzed Date: 06/27/2007

Type: Grab

Collected: 06/07/2007 08:15
% Solid: 80.4%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Gasoline Range Organics	M276-12	0.54	**3.90**	mg/Kg	

* Results are reported on a dry weight basis

Sample: 0706425-6

Client Sample ID: TP-11
Matrix: Soil
Remarks:
Analyzed Date: 06/27/2007

Type: Grab

Collected: 06/07/2007 11:20
% Solid: 89%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Gasoline Range Organics	M276-13	0.49	**29.4**	mg/Kg	

* Results are reported on a dry weight basis

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05/22/2008

Gasoline Range Organics - EPA 8015B

Sample: 0706425-7
Client Sample ID: TP-14
Matrix: Soil
Remarks:
Analyzed Date: 06/27/2007
Type: Grab
Collected: 06/07/2007 13:35
% Solid: 41%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Gasoline Range Organics	M276-14	1.06	**7.41**	mg/Kg	

* Results are reported on a dry weight basis

Sample: 0706425-8
Client Sample ID: TP-15
Matrix: Soil
Remarks:
Analyzed Date: 06/27/2007
Type: Grab
Collected: 06/07/2007 13:13
% Solid: 72%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Gasoline Range Organics	M276-15	0.60	**5.15**	mg/Kg	

* Results are reported on a dry weight basis

Sample: 0706425-9
Client Sample ID: TP-17
Matrix: Soil
Remarks:
Analyzed Date: 06/28/2007
Type: Grab
Collected: 06/07/2007 14:25
% Solid: 77.5%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Gasoline Range Organics	M276-16	0.56	**8.00**	mg/Kg	

* Results are reported on a dry weight basis

05/22/2008

Case Narrative

From: "Ellis Koch" <ekoch@posillicogroup.com>
To:"Jennifer Mullady" <JMullady@tyreeorg.com>, <ksimone@GFNET.com>
Date: 6/22/07 3:55PM
Subject: Re: Island Park TP1-TP17

Proceed

[Message delivered by NotifyLink]

---------- Original Message----------

From: "Jennifer Mullady" <JMullady@tyreeorg.com>
Sent: Fri, June 22, 2007 3:33 PM
To: <ksimone@GFNET.com>,<ekoch@posillicogroup.com>
Subject: Re: Island Park TP1-TP17

The samples that were put into production today are 1 day out of hold for the volatile analysis - Please advise if you still wish to proceed with this particular task.
Jenny

ENVIRONMENTAL TESTING LABORATORIES, INC.
Jennifer Mullady
Account Manager
208 Route 109 Farmingdale, NY 11735
(631) 249-1456 ext 268 (631) 249-8344 fax

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale NY 11735
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05/22/2008

Case Narrative

EPA 8260 VOLATILE ANALYSIS:

The following compounds were calibrated at 25, 50, 100,
150 and 200 ppb levels in the initial calibration curve:
- Acetone
- 2-Butanone
- 4-Methyl-2-pentanone
- 2-Hexanone

M&P-Xylenes and 2-Chloroethylvinylether were calibrated at 10, 40, 100, 200 and
300 ppb levels.
Acrolein/Acrylonitrile were calibrated at 50,100,150,200 and 250 ppb levels.
Tert Butyl Alcohol (TBA) was calibrated at 50,200,500,1000 and 1500 ppb levels.

All other compounds were calibrated at 5, 20, 50, 100 and 150 ppb levels.

The method blank associated with these soil samples contained 4.4 ppb of Methylene Chloride, a common laboratory solvent.

EPA 8270 SEMI-VOLATILE ANALYSIS:

0706425-1 and -4 were analyzed at a 1:20 dilution. Due to high concentrations of non-target compounds present in the samples, re-analysis at a lower dilution was not possible without heavy system and detector contamination.

DRO ANALYSIS:

DRO concentration has exceeded the highest calibration point in sample 1. No further laboratory action was taken.

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05/22/2008

Case Narrative

GASOLINE RANGE ORGANICS

GC-SV

INTRODUCTION
Samples were analyzed in accordance with protocols based on SW846 Methodologies.

The sample information is as follows:

COC#: 0706425

HOLDING TIMES

Samples were delivered one day after holding time, therefore all analyses were performed outside of required holding times.

CALIBRATION

Initial calibration was performed in accordance with the Method.

A six point calibration curve was performed, utilizing the following concentrations: 25, 100, 500, 2000, 4000, and 8000 ppb.

Results were quantitated using linear regression initial calibration.

CALIBRATION VERIFICATIONS

The calibration verification check standards were performed in accordance with the Method.

A GRO calibration check standard was analyzed: at the beginning and at the end of each anaytical sequence at a concentration of 2000 ppb.

BLANKS

The Method Blanks associated with these samples did not contain any target compounds.

The Instrument Blanks associated with these samples did not contain any target compounds.

MATRIX SPIKE BLANKS

A Matrix Spike Blank was analyzed with the samples. All spike recoveries for the MSB met QC criteria.

MATRIX SPIKES

Sample 0706425-3 was utilized for the Matrix Spike and Matrix Spike Duplicate analyses. All spike recoveries were within QC limits.

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05/22/2008

Case Narrative

VOLATILES ANALYSIS
GCMS-V

INTRODUCTION

Samples were analyzed in accordance with protocols based on SW846 Methodologies, using accepted QA/QC procedures.
All required QA/QC parameters met acceptable limits unless otherwise noted.

HOLDING TIME INFORMATION

Samples were delivered one day after holding time, therefore all analyses were performed outside of required holding times.

SURROGATE RECOVERY INFORMATION

All surrogate recoveries met QC criteria.

MATRIX SPIKE BLANK

The spike recoveries for the matrix spike blank were within QC limits.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE

Sample 0706425-7 was utilized for the MS/MSD analyses. All spike recoveries and all RPDs were within QC limits.

METHOD BLANK

Methylene Chloride, a common laboratory contaminant, was detected in method blank VBLK-11 at a concentration of 4.4 ppb.

TUNE PERFORMANCE

All Tune (BFB) specifications met QC criteria.

CALIBRATION INFORMATION

Initial Calibration: All required minimum RRFs and maximum % RSD requirements have been met in accordance with the Method.
The following compounds were calibrated at 25, 50, 100,
150 and 200 ppb levels in the initial calibration curve:
Acetone
2-Butanone
4-Methyl-2-pentanone
2-Hexanone

M&P-Xylenes and 2-Chloroethylvinylether were calibrated at 10, 40, 100, 200 and
els.

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05/22/2008

Case Narrative

Acrolein/Acrylonitrile were calibrated at 50,100,150,200 and 250 ppb levels.
Tert Butyl Alcohol (TBA) was calibrated at 50,200,500,1000 and 1500 ppb levels.

All other compounds were calibrated at 5, 20, 50, 100 and 150 ppb levels.

Continuing Calibration: All required minimum RRFs and maximum %D requirements have been met in accordance with the Method.

Samples were quantitated using the initial calibration average response factor.

INTERNAL STANDARDS

All area responses and retention times fell within acceptable ranges.

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05/22/2008

Case Narrative

SEMIVOLATILES ANALYSIS
GCMS-SV

INTRODUCTION

Samples were analyzed in accordance with protocols based on SW846 Methodologies, using accepted QA/QC procedures.
All required QA/QC parameters met acceptable limits unless otherwise noted.

HOLDING TIME INFORMATION

Samples were delivered one day after holding time, therefore all analyses were performed outside of required holding times.

SAMPLE INFORMATION

0706425-1 and -4 were analyzed at a 1:20 dilution. Due to high concentrations of non-target compounds present in the samples, re-analysis at a lower dilution was not possible without heavy system and detector contamination.

SURROGATE RECOVERY INFORMATION

All surrogate recoveries met QC criteria.

MATRIX SPIKE BLANK

The spike recoveries for the matrix spike blank were within QC limits.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE

Sample 0706425-9 was utilized for the MS/MSD analyses. All spike recoveries and all RPDs were within QC limits.

METHOD BLANK

The method blank associated with these samples did not contain target compounds at or above the QC limits.

TUNE PERFORMANCE

All Tune (DFTPP) specifications met QC criteria.

CALIBRATION INFORMATION

Initial Calibration: All required minimum RRFs and maximum % RSD requirements have been met in accordance with the Method.

Results were quantitated using initial calibration average of response factors.

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05/22/2008

Case Narrative

Continuing Calibration: All required minimum RRFs and maximum %D requirements have been met in accordance with the Method.

INTERNAL STANDARDS

All area responses and retention times fell within acceptable ranges.

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05/22/2008

Case Narrative

Method 8100 Modified

GC-SV

INTRODUCTION
Samples were analyzed in accordance with protocols based on SW846 Methodologies.

The sample information is as follows:

COC#: 0706425

HOLDING TIMES

Samples were delivered one day after holding time, therefore all analyses were performed outside of required holding times.
Samples were extracted using 3545 Method (pressurized liquid extraction).

SURROGATE RECOVERY INFORMATION

Surrogate recovery for the sample 0706425-6 was slightly lower than QC limits.

CALIBRATION

Initial calibration was performed in accordance with the Method.

A six point calibration curve was performed, utilizing the following concentrations: 100, 1000, 5000, 10000, 50000, and 100000 ppm.
Fuel # 2 was used as a calibration standard.

Results were quantitated using linear regression initial calibration.

CALIBRATION VERIFICATIONS

The calibration verification check standards were performed in accordance with the Method.

A DRO calibration check standard was analyzed: and at the beginning and at the end of each anaytical sequence at a concentration of 10000 ppm.

BLANKS

The Method Blanks associated with these samples did not contain any target compounds.

The Instrument Blanks associated with these samples did not contain any target compounds.

MATRIX SPIKE BLANKS

A Matrix Spike Blank was extracted and analyzed with the samples. All spike recoveries for the MSB met QC criteria.

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05/22/2008

Case Narrative

Sample 0706425-8 was utilized for the Matrix Spike and Matrix Spike Duplicate analyses. All spike recoveries and all %RPDs were within QC limits.

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05/22/2008

ORGANIC METHOD QUALIFIERS

Q - Qualifier - specified entries and their meanings are as follows:

U - The analytical result is not detected above the Method Detection Limit (MDL). All MDL's are lower than the lowest calibration standard concentration.

J - Indicates an estimated value. The concentration reported was between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL).

B - The analyte was found in the associated method blank as well as the sample. It indicates possible/probable blank contamination and warns the data user to take appropriate action.

E - The concentration of the analyte exceeded the calibration range of the instrument.

D - This flag indicates a system monitoring compound diluted out.

INORGANIC METHOD QUALIFIERS

C - (Concentration) qualifiers are as follows:

B - Entered if the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL) but greater than or equal to the Instrument Detection Limit (IDL).

U - Entered when the analyte was analyzed for, but not detected above the Method Detection Limit (MDL) which is less than the lowest calibration standard concentration.

Q - Qualifier specific entries and their meanings are as follows:

E - Reported value is estimated because of the presence of interferences.

M - (Method) qualifiers are as follows:

A - Flame AA
AS - Semi-automated Spectrophotometric
AV - Automated Cold Vapor AA
C - Manual Spectrophotometric
F - Furnace AA
P - ICP
T - Titrimetric

OTHER QUALIFIERS

ND - Not Detected

Environmental Testing Laboratories, Inc.
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05/22/2008

Laboratory Identifier: 0706163
Received: 06/07/2007 17:30

Client: Blue Water
1610 New Highway
Farmingdale,
NY 11735

Project: Island Park Pilot Study
7 Washington Ave
Island Park,
NY 11558

Manager: Kim Simone/Ellis Kotch

Respectfully submitted,

Technical Director

NYS Lab ID # 10969
NJ Cert. # 73812
CT Cert. # PH0645
MA Cert. # NY061
NH Cert. # 252592-BA

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706163-2
Client Sample ID: TP16 (0-2)
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 06/11/2007

Type: Grab

Collected: 06/07/2007 13:45
% Solid: 90.1%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
67-64-1	Acetone	B2372-9711	5.62	**14.7**	ug/Kg	J
56-23-5	Carbon Tetrachloride	B2372-9711	0.63	0.63	ug/Kg	U
67-66-3	Chloroform	B2372-9711	0.52	0.52	ug/Kg	U
71-43-2	Benzene	B2372-9711	0.56	0.56	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	B2372-9711	0.56	0.56	ug/Kg	U
74-83-9	Bromomethane	B2372-9711	0.58	0.58	ug/Kg	U
74-87-3	Chloromethane	B2372-9711	0.43	0.43	ug/Kg	U
74-95-3	Dibromomethane	B2372-9711	0.56	0.56	ug/Kg	U
74-97-5	Bromochloromethane	B2372-9711	1.11	1.11	ug/Kg	U
75-00-3	Chloroethane	B2372-9711	1.41	1.41	ug/Kg	U
75-01-4	Vinyl Chloride	B2372-9711	0.65	0.65	ug/Kg	U
75-09-2	Methylene Chloride	B2372-9711	0.94	**7.35**	ug/Kg	
75-15-0	Carbon disulfide	B2372-9711	1.39	1.39	ug/Kg	U
75-25-2	Bromoform	B2372-9711	1.25	1.25	ug/Kg	U
75-27-4	Bromodichloromethane	B2372-9711	0.48	0.48	ug/Kg	U
75-34-3	1,1-Dichloroethane	B2372-9711	0.49	0.49	ug/Kg	U
75-35-4	1,1-Dichloroethene	B2372-9711	0.77	0.77	ug/Kg	U
75-45-6	Chlorodifluoromethane	B2372-9711	0.72	0.72	ug/Kg	U
75-65-0	Tertiary butyl alcohol	B2372-9711	19.3	19.3	ug/Kg	U
75-69-4	Trichlorofluoromethane	B2372-9711	0.71	0.71	ug/Kg	U
75-71-8	Dichlorodifluoromethane	B2372-9711	0.59	0.59	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	B2372-9711	0.82	0.82	ug/Kg	U
78-87-5	1,2-Dichloropropane	B2372-9711	0.42	0.42	ug/Kg	U
78-93-3	2-Butanone	B2372-9711	3.51	3.51	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	B2372-9711	0.98	0.98	ug/Kg	U
79-01-6	Trichloroethene	B2372-9711	0.40	0.40	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	B2372-9711	1.59	1.59	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	B2372-9711	1.14	1.14	ug/Kg	U
87-68-3	Hexachlorobutadiene	B2372-9711	1.10	1.10	ug/Kg	U
91-20-3	Naphthalene	B2372-9711	1.35	**1.52**	ug/Kg	J
95-47-6	o-xylene	B2372-9711	0.83	0.83	ug/Kg	U
95-49-8	2-Chlorotoluene	B2372-9711	0.99	0.99	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	B2372-9711	1.31	1.31	ug/Kg	U

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706163-2
Client Sample ID: TP16 (0-2)
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 06/11/2007

Type: Grab

Collected: 06/07/2007 13:45
% Solid: 90.1%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
95-63-6	1,2,4-Trimethylbenzene	B2372-9711	1.04	1.04	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	B2372-9711	1.21	1.21	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	B2372-9711	2.54	2.54	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	B2372-9711	2.23	2.23	ug/Kg	U
98-06-6	tert-Butylbenzene	B2372-9711	1.07	1.07	ug/Kg	U
98-82-8	Isopropylbenzene	B2372-9711	0.70	0.70	ug/Kg	U
99-87-6	4-Isopropyltoluene	B2372-9711	0.88	0.88	ug/Kg	U
100-41-4	Ethylbenzene	B2372-9711	0.48	0.48	ug/Kg	U
100-42-5	Styrene	B2372-9711	0.82	0.82	ug/Kg	U
103-65-1	n-Propylbenzene	B2372-9711	0.80	0.80	ug/Kg	U
104-51-8	n-Butylbenzene	B2372-9711	0.99	0.99	ug/Kg	U
105-05-5	p-Diethylbenzene	B2372-9711	1.10	1.10	ug/Kg	U
106-43-4	4-Chlorotoluene	B2372-9711	1.09	1.09	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	B2372-9711	1.14	1.14	ug/Kg	U
106-93-4	1,2-Dibromoethane	B2372-9711	0.82	0.82	ug/Kg	U
107-06-2	1,2-Dichloroethane	B2372-9711	0.63	0.63	ug/Kg	U
107-13-1	Acrylonitrile	B2372-9711	6.80	6.80	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	B2372-9711	2.15	2.15	ug/Kg	U
108-38-3	m,p-xylene	B2372-9711	1.11	1.11	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	B2372-9711	0.91	0.91	ug/Kg	U
108-86-1	Bromobenzene	B2372-9711	0.90	0.90	ug/Kg	U
108-88-3	Toluene	B2372-9711	0.42	0.42	ug/Kg	U
108-90-7	Chlorobenzene	B2372-9711	0.57	0.57	ug/Kg	U
110-75-8	2-Chloroethylvinylether	B2372-9711	3.76	3.76	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	B2372-9711	1.11	1.11	ug/Kg	U
124-48-1	Dibromochloromethane	B2372-9711	0.80	0.80	ug/Kg	U
127-18-4	Tetrachloroethene	B2372-9711	0.64	0.64	ug/Kg	U
135-98-8	sec-Butylbenzene	B2372-9711	0.92	0.92	ug/Kg	U
142-28-9	1,3-Dichloropropane	B2372-9711	0.60	0.60	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	B2372-9711	0.60	0.60	ug/Kg	U
156-60-5	t-1,2-Dichloroethene	B2372-9711	0.47	0.47	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	B2372-9711	1.10	1.10	ug/Kg	U
563-58-6	1,1-Dichloropropene	B2372-9711	1.17	1.17	ug/Kg	U

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706163-2
Client Sample ID: TP16 (0-2)
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 06/11/2007

Type: Grab

Collected: 06/07/2007 13:45
% Solid: 90.1%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
590-20-7	2,2-Dichloropropane	B2372-9711	0.85	0.85	ug/Kg	U
591-78-6	2-Hexanone	B2372-9711	1.93	1.93	ug/Kg	U
622-96-8	p-Ethyltoluene	B2372-9711	1.02	1.02	ug/Kg	U
630-20-6	1,1,1,2-Tetrachloroethane	B2372-9711	0.88	0.88	ug/Kg	U
994-05-8	TAME	B2372-9711	2.33	2.33	ug/Kg	U
1634-04-4	Methyl t-butyl ether	B2372-9711	0.56	0.56	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	B2372-9711	0.54	0.54	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	B2372-9711	0.54	0.54	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	B2372-9711	103.0 %	(68 - 120)	
460-00-4	4-BROMOFLUOROBENZENE	B2372-9711	101.0 %	(80 - 110)	
4774-33-8	DIBROMOFLUOROMETHANE	B2372-9711	95.7 %	(68 - 156)	
2037-26-5	TOLUENE-D8	B2372-9711	97.4 %	(87 - 113)	

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706163-3
Client Sample ID: TP16 (2-4)
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 06/12/2007

Type: Grab

Collected: 06/07/2007 13:50
% Solid: 95.9%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
67-64-1	Acetone	B2374-9747	5.26	**39.3**	ug/Kg	
56-23-5	Carbon Tetrachloride	B2374-9747	0.59	0.59	ug/Kg	U
67-66-3	Chloroform	B2374-9747	0.49	0.49	ug/Kg	U
71-43-2	Benzene	B2374-9747	0.52	0.52	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	B2374-9747	0.52	0.52	ug/Kg	U
74-83-9	Bromomethane	B2374-9747	0.54	0.54	ug/Kg	U
74-87-3	Chloromethane	B2374-9747	0.41	0.41	ug/Kg	U
74-95-3	Dibromomethane	B2374-9747	0.52	0.52	ug/Kg	U
74-97-5	Bromochloromethane	B2374-9747	1.04	1.04	ug/Kg	U
75-00-3	Chloroethane	B2374-9747	1.32	1.32	ug/Kg	U
75-01-4	Vinyl Chloride	B2374-9747	0.61	0.61	ug/Kg	U
75-09-2	Methylene Chloride	B2374-9747	0.88	0.88	ug/Kg	U
75-15-0	Carbon disulfide	B2374-9747	1.30	1.30	ug/Kg	U
75-25-2	Bromoform	B2374-9747	1.18	1.18	ug/Kg	U
75-27-4	Bromodichloromethane	B2374-9747	0.45	0.45	ug/Kg	U
75-34-3	1,1-Dichloroethane	B2374-9747	0.46	0.46	ug/Kg	U
75-35-4	1,1-Dichloroethene	B2374-9747	0.72	0.72	ug/Kg	U
75-45-6	Chlorodifluoromethane	B2374-9747	0.68	0.68	ug/Kg	U
75-65-0	Tertiary butyl alcohol	B2374-9747	18.1	18.1	ug/Kg	U
75-69-4	Trichlorofluoromethane	B2374-9747	0.67	0.67	ug/Kg	U
75-71-8	Dichlorodifluoromethane	B2374-9747	0.55	0.55	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	B2374-9747	0.77	0.77	ug/Kg	U
78-87-5	1,2-Dichloropropane	B2374-9747	0.40	0.40	ug/Kg	U
78-93-3	2-Butanone	B2374-9747	3.29	3.29	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	B2374-9747	0.92	0.92	ug/Kg	U
79-01-6	Trichloroethene	B2374-9747	0.37	0.37	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	B2374-9747	1.49	1.49	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	B2374-9747	1.07	1.07	ug/Kg	U
87-68-3	Hexachlorobutadiene	B2374-9747	1.03	1.03	ug/Kg	U
91-20-3	Naphthalene	B2374-9747	1.27	1.27	ug/Kg	U
95-47-6	o-xylene	B2374-9747	0.78	0.78	ug/Kg	U
95-49-8	2-Chlorotoluene	B2374-9747	0.93	0.93	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	B2374-9747	1.23	1.23	ug/Kg	U

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706163-3
Client Sample ID: TP16 (2-4)
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 06/12/2007

Type: Grab

Collected: 06/07/2007 13:50
% Solid: 95.9%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
95-63-6	1,2,4-Trimethylbenzene	B2374-9747	0.98	0.98	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	B2374-9747	1.13	**9.86**	ug/Kg	
96-12-8	1,2-Dibromo-3-chloropropane	B2374-9747	2.38	2.38	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	B2374-9747	2.09	2.09	ug/Kg	U
98-06-6	tert-Butylbenzene	B2374-9747	1.00	1.00	ug/Kg	U
98-82-8	Isopropylbenzene	B2374-9747	0.66	0.66	ug/Kg	U
99-87-6	4-Isopropyltoluene	B2374-9747	0.82	**1.17**	ug/Kg	J
100-41-4	Ethylbenzene	B2374-9747	0.45	0.45	ug/Kg	U
100-42-5	Styrene	B2374-9747	0.77	0.77	ug/Kg	U
103-65-1	n-Propylbenzene	B2374-9747	0.75	0.75	ug/Kg	U
104-51-8	n-Butylbenzene	B2374-9747	0.93	**1.42**	ug/Kg	J
105-05-5	p-Diethylbenzene	B2374-9747	1.03	**1.14**	ug/Kg	J
106-43-4	4-Chlorotoluene	B2374-9747	1.02	1.02	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	B2374-9747	1.07	1.07	ug/Kg	U
106-93-4	1,2-Dibromoethane	B2374-9747	0.77	0.77	ug/Kg	U
107-06-2	1,2-Dichloroethane	B2374-9747	0.59	0.59	ug/Kg	U
107-13-1	Acrylonitrile	B2374-9747	6.38	6.38	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	B2374-9747	2.02	2.02	ug/Kg	U
108-38-3	m,p-xylene	B2374-9747	1.04	1.04	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	B2374-9747	0.85	0.85	ug/Kg	U
108-86-1	Bromobenzene	B2374-9747	0.84	0.84	ug/Kg	U
108-88-3	Toluene	B2374-9747	0.40	0.40	ug/Kg	U
108-90-7	Chlorobenzene	B2374-9747	0.53	0.53	ug/Kg	U
110-75-8	2-Chloroethylvinylether	B2374-9747	3.53	3.53	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	B2374-9747	1.04	1.04	ug/Kg	U
124-48-1	Dibromochloromethane	B2374-9747	0.75	0.75	ug/Kg	U
127-18-4	Tetrachloroethene	B2374-9747	0.60	0.60	ug/Kg	U
135-98-8	sec-Butylbenzene	B2374-9747	0.86	**0.89**	ug/Kg	J
142-28-9	1,3-Dichloropropane	B2374-9747	0.56	0.56	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	B2374-9747	0.56	0.56	ug/Kg	U
156-60-5	t-1,2-Dichloroethene	B2374-9747	0.44	0.44	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	B2374-9747	1.03	1.03	ug/Kg	U
563-58-6	1,1-Dichloropropene	B2374-9747	1.09	1.09	ug/Kg	U

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706163-3

Client Sample ID: TP16 (2-4)
Matrix: Soil
Type: Grab
Remarks: See Case Narrative
Analyzed Date: 06/12/2007

Collected: 06/07/2007 13:50
% Solid: 95.9%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
590-20-7	2,2-Dichloropropane	B2374-9747	0.80	0.80	ug/Kg	U
591-78-6	2-Hexanone	B2374-9747	1.81	1.81	ug/Kg	U
622-96-8	p-Ethyltoluene	B2374-9747	0.96	0.96	ug/Kg	U
630-20-6	1,1,1,2-Tetrachloroethane	B2374-9747	0.82	0.82	ug/Kg	U
994-05-8	TAME	B2374-9747	2.18	2.18	ug/Kg	U
1634-04-4	Methyl t-butyl ether	B2374-9747	0.52	0.52	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	B2374-9747	0.51	0.51	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	B2374-9747	0.51	0.51	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	B2374-9747	104.0 %	(68 - 120)	
460-00-4	4-BROMOFLUOROBENZENE	B2374-9747	103.0 %	(80 - 110)	
4774-33-8	DIBROMOFLUOROMETHANE	B2374-9747	97.7 %	(68 - 156)	
2037-26-5	TOLUENE-D8	B2374-9747	99.2 %	(87 - 113)	

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706163-5
Client Sample ID: TP17 (0-2)
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 06/11/2007

Type: Grab

Collected: 06/07/2007 14:15
% Solid: 90.3%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
67-64-1	Acetone	B2372-9712	5.62	**23.9**	ug/Kg	J
56-23-5	Carbon Tetrachloride	B2372-9712	0.63	0.63	ug/Kg	U
67-66-3	Chloroform	B2372-9712	0.52	0.52	ug/Kg	U
71-43-2	Benzene	B2372-9712	0.56	0.56	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	B2372-9712	0.56	0.56	ug/Kg	U
74-83-9	Bromomethane	B2372-9712	0.58	0.58	ug/Kg	U
74-87-3	Chloromethane	B2372-9712	0.43	0.43	ug/Kg	U
74-95-3	Dibromomethane	B2372-9712	0.56	0.56	ug/Kg	U
74-97-5	Bromochloromethane	B2372-9712	1.11	1.11	ug/Kg	U
75-00-3	Chloroethane	B2372-9712	1.41	1.41	ug/Kg	U
75-01-4	Vinyl Chloride	B2372-9712	0.65	0.65	ug/Kg	U
75-09-2	Methylene Chloride	B2372-9712	0.94	**8.67**	ug/Kg	
75-15-0	Carbon disulfide	B2372-9712	1.39	1.39	ug/Kg	U
75-25-2	Bromoform	B2372-9712	1.25	1.25	ug/Kg	U
75-27-4	Bromodichloromethane	B2372-9712	0.48	0.48	ug/Kg	U
75-34-3	1,1-Dichloroethane	B2372-9712	0.49	0.49	ug/Kg	U
75-35-4	1,1-Dichloroethene	B2372-9712	0.77	0.77	ug/Kg	U
75-45-6	Chlorodifluoromethane	B2372-9712	0.72	0.72	ug/Kg	U
75-65-0	Tertiary butyl alcohol	B2372-9712	19.3	19.3	ug/Kg	U
75-69-4	Trichlorofluoromethane	B2372-9712	0.71	0.71	ug/Kg	U
75-71-8	Dichlorodifluoromethane	B2372-9712	0.59	0.59	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	B2372-9712	0.82	0.82	ug/Kg	U
78-87-5	1,2-Dichloropropane	B2372-9712	0.42	0.42	ug/Kg	U
78-93-3	2-Butanone	B2372-9712	3.51	3.51	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	B2372-9712	0.98	0.98	ug/Kg	U
79-01-6	Trichloroethene	B2372-9712	0.40	0.40	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	B2372-9712	1.59	1.59	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	B2372-9712	1.14	1.14	ug/Kg	U
87-68-3	Hexachlorobutadiene	B2372-9712	1.10	1.10	ug/Kg	U
91-20-3	Naphthalene	B2372-9712	1.35	1.35	ug/Kg	U
95-47-6	o-xylene	B2372-9712	0.83	0.83	ug/Kg	U
95-49-8	2-Chlorotoluene	B2372-9712	0.99	0.99	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	B2372-9712	1.31	1.31	ug/Kg	U

Environmental Testing Laboratories, Inc.
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05/22/2008

Volatiles - EPA 8260B

Sample: 0706163-5
Client Sample ID: TP17 (0-2)
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 06/11/2007

Type: Grab

Collected: 06/07/2007 14:15
% Solid: 90.3%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
95-63-6	1,2,4-Trimethylbenzene	B2372-9712	1.04	1.04	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	B2372-9712	1.21	1.21	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	B2372-9712	2.54	2.54	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	B2372-9712	2.23	2.23	ug/Kg	U
98-06-6	tert-Butylbenzene	B2372-9712	1.07	1.07	ug/Kg	U
98-82-8	Isopropylbenzene	B2372-9712	0.70	0.70	ug/Kg	U
99-87-6	4-Isopropyltoluene	B2372-9712	0.88	0.88	ug/Kg	U
100-41-4	Ethylbenzene	B2372-9712	0.48	0.48	ug/Kg	U
100-42-5	Styrene	B2372-9712	0.82	0.82	ug/Kg	U
103-65-1	n-Propylbenzene	B2372-9712	0.80	0.80	ug/Kg	U
104-51-8	n-Butylbenzene	B2372-9712	0.99	0.99	ug/Kg	U
105-05-5	p-Diethylbenzene	B2372-9712	1.10	1.10	ug/Kg	U
106-43-4	4-Chlorotoluene	B2372-9712	1.09	1.09	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	B2372-9712	1.14	1.14	ug/Kg	U
106-93-4	1,2-Dibromoethane	B2372-9712	0.82	0.82	ug/Kg	U
107-06-2	1,2-Dichloroethane	B2372-9712	0.63	0.63	ug/Kg	U
107-13-1	Acrylonitrile	B2372-9712	6.80	6.80	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	B2372-9712	2.15	2.15	ug/Kg	U
108-38-3	m,p-xylene	B2372-9712	1.11	1.11	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	B2372-9712	0.91	0.91	ug/Kg	U
108-86-1	Bromobenzene	B2372-9712	0.90	0.90	ug/Kg	U
108-88-3	Toluene	B2372-9712	0.42	0.42	ug/Kg	U
108-90-7	Chlorobenzene	B2372-9712	0.57	0.57	ug/Kg	U
110-75-8	2-Chloroethylvinylether	B2372-9712	3.76	3.76	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	B2372-9712	1.11	1.11	ug/Kg	U
124-48-1	Dibromochloromethane	B2372-9712	0.80	0.80	ug/Kg	U
127-18-4	Tetrachloroethene	B2372-9712	0.64	0.64	ug/Kg	U
135-98-8	sec-Butylbenzene	B2372-9712	0.92	0.92	ug/Kg	U
142-28-9	1,3-Dichloropropane	B2372-9712	0.60	0.60	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	B2372-9712	0.60	0.60	ug/Kg	U
156-60-5	t-1,2-Dichloroethene	B2372-9712	0.47	0.47	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	B2372-9712	1.10	1.10	ug/Kg	U
563-58-6	1,1-Dichloropropene	B2372-9712	1.17	1.17	ug/Kg	U

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706163-5
Client Sample ID: TP17 (0-2)
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 06/11/2007

Type: Grab

Collected: 06/07/2007 14:15
% Solid: 90.3%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
590-20-7	2,2-Dichloropropane	B2372-9712	0.85	0.85	ug/Kg	U
591-78-6	2-Hexanone	B2372-9712	1.93	1.93	ug/Kg	U
622-96-8	p-Ethyltoluene	B2372-9712	1.02	1.02	ug/Kg	U
630-20-6	1,1,1,2-Tetrachloroethane	B2372-9712	0.88	0.88	ug/Kg	U
994-05-8	TAME	B2372-9712	2.33	2.33	ug/Kg	U
1634-04-4	Methyl t-butyl ether	B2372-9712	0.56	0.56	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	B2372-9712	0.54	0.54	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	B2372-9712	0.54	0.54	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	B2372-9712	102.0 %	(68 - 120)	
460-00-4	4-BROMOFLUOROBENZENE	B2372-9712	103.0 %	(80 - 110)	
4774-33-8	DIBROMOFLUOROMETHANE	B2372-9712	98.9 %	(68 - 156)	
2037-26-5	TOLUENE-D8	B2372-9712	97.8 %	(87 - 113)	

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706163-6
Client Sample ID: TP17 (2-4)
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 06/12/2007

Type: Grab

Collected: 06/07/2007 14:20
% Solid: 95%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
67-64-1	Acetone	A2525-2832	104	104	ug/Kg	U
56-23-5	Carbon Tetrachloride	A2525-2832	39.6	39.6	ug/Kg	U
67-66-3	Chloroform	A2525-2832	51.5	51.5	ug/Kg	U
71-43-2	Benzene	A2525-2832	44.9	44.9	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	A2525-2832	56.8	56.8	ug/Kg	U
74-83-9	Bromomethane	A2525-2832	68.6	68.6	ug/Kg	U
74-87-3	Chloromethane	A2525-2832	96.4	96.4	ug/Kg	U
74-95-3	Dibromomethane	A2525-2832	54.1	54.1	ug/Kg	U
74-97-5	Bromochloromethane	A2525-2832	80.5	80.5	ug/Kg	U
75-00-3	Chloroethane	A2525-2832	99.0	99.0	ug/Kg	U
75-01-4	Vinyl Chloride	A2525-2832	50.2	50.2	ug/Kg	U
75-09-2	Methylene Chloride	A2525-2832	58.1	58.1	ug/Kg	U
75-15-0	Carbon disulfide	A2525-2832	42.2	42.2	ug/Kg	U
75-25-2	Bromoform	A2525-2832	60.7	60.7	ug/Kg	U
75-27-4	Bromodichloromethane	A2525-2832	59.4	59.4	ug/Kg	U
75-34-3	1,1-Dichloroethane	A2525-2832	47.5	47.5	ug/Kg	U
75-35-4	1,1-Dichloroethene	A2525-2832	48.8	48.8	ug/Kg	U
75-45-6	Chlorodifluoromethane	A2525-2832	46.2	46.2	ug/Kg	U
75-65-0	Tertiary butyl alcohol	A2525-2832	2820	2820	ug/Kg	U
75-69-4	Trichlorofluoromethane	A2525-2832	44.9	44.9	ug/Kg	U
75-71-8	Dichlorodifluoromethane	A2525-2832	44.9	44.9	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	A2525-2832	60.7	60.7	ug/Kg	U
78-87-5	1,2-Dichloropropane	A2525-2832	64.7	64.7	ug/Kg	U
78-93-3	2-Butanone	A2525-2832	127	127	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	A2525-2832	55.4	55.4	ug/Kg	U
79-01-6	Trichloroethene	A2525-2832	37.0	37.0	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	A2525-2832	72.6	72.6	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	A2525-2832	68.6	68.6	ug/Kg	U
87-68-3	Hexachlorobutadiene	A2525-2832	64.7	64.7	ug/Kg	U
91-20-3	Naphthalene	A2525-2832	71.3	**627**	ug/Kg	J
95-47-6	o-xylene	A2525-2832	58.1	58.1	ug/Kg	U
95-49-8	2-Chlorotoluene	A2525-2832	56.8	56.8	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	A2525-2832	54.1	54.1	ug/Kg	U

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706163-6
Client Sample ID: TP17 (2-4)
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 06/12/2007

Type: Grab

Collected: 06/07/2007 14:20
% Solid: 95%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
95-63-6	1,2,4-Trimethylbenzene	A2525-2832	50.2	**79.1**	ug/Kg	J
95-93-2	1,2,4,5-Tetramethylbenzene	A2525-2832	55.4	**4800**	ug/Kg	
96-12-8	1,2-Dibromo-3-chloropropane	A2525-2832	92.4	92.4	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	A2525-2832	93.7	93.7	ug/Kg	U
98-06-6	tert-Butylbenzene	A2525-2832	63.4	63.4	ug/Kg	U
98-82-8	Isopropylbenzene	A2525-2832	43.6	**647**	ug/Kg	J
99-87-6	4-Isopropyltoluene	A2525-2832	48.8	**651**	ug/Kg	J
100-41-4	Ethylbenzene	A2525-2832	58.1	58.1	ug/Kg	U
100-42-5	Styrene	A2525-2832	43.6	43.6	ug/Kg	U
103-65-1	n-Propylbenzene	A2525-2832	47.5	**1190**	ug/Kg	
104-51-8	n-Butylbenzene	A2525-2832	51.5	**1580**	ug/Kg	
105-05-5	p-Diethylbenzene	A2525-2832	51.5	**1810**	ug/Kg	
106-43-4	4-Chlorotoluene	A2525-2832	60.7	60.7	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	A2525-2832	60.7	60.7	ug/Kg	U
106-93-4	1,2-Dibromoethane	A2525-2832	47.5	47.5	ug/Kg	U
107-06-2	1,2-Dichloroethane	A2525-2832	42.2	42.2	ug/Kg	U
107-13-1	Acrylonitrile	A2525-2832	269	269	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	A2525-2832	64.7	64.7	ug/Kg	U
108-38-3	m,p-xylene	A2525-2832	103	103	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	A2525-2832	44.9	44.9	ug/Kg	U
108-86-1	Bromobenzene	A2525-2832	50.2	50.2	ug/Kg	U
108-88-3	Toluene	A2525-2832	52.8	52.8	ug/Kg	U
108-90-7	Chlorobenzene	A2525-2832	47.5	47.5	ug/Kg	U
110-75-8	2-Chloroethylvinylether	A2525-2832	234	234	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	A2525-2832	55.4	55.4	ug/Kg	U
124-48-1	Dibromochloromethane	A2525-2832	59.4	59.4	ug/Kg	U
127-18-4	Tetrachloroethene	A2525-2832	23.8	23.8	ug/Kg	U
135-98-8	sec-Butylbenzene	A2525-2832	55.4	**1380**	ug/Kg	
142-28-9	1,3-Dichloropropane	A2525-2832	50.2	50.2	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	A2525-2832	56.8	56.8	ug/Kg	U
156-60-5	t-1,2-Dichloroethene	A2525-2832	50.2	50.2	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	A2525-2832	59.4	59.4	ug/Kg	U
563-58-6	1,1-Dichloropropene	A2525-2832	27.7	27.7	ug/Kg	U

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706163-6

Client Sample ID: TP17 (2-4)
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 06/12/2007

Type: Grab

Collected: 06/07/2007 14:20
% Solid: 95%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
590-20-7	2,2-Dichloropropane	A2525-2832	62.0	62.0	ug/Kg	U
591-78-6	2-Hexanone	A2525-2832	40.9	40.9	ug/Kg	U
622-96-8	p-Ethyltoluene	A2525-2832	52.8	52.8	ug/Kg	U
630-20-6	1,1,1,2-Tetrachloroethane	A2525-2832	56.8	56.8	ug/Kg	U
994-05-8	TAME	A2525-2832	54.1	54.1	ug/Kg	U
1634-04-4	Methyl t-butyl ether	A2525-2832	52.8	52.8	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	A2525-2832	54.1	54.1	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	A2525-2832	55.4	55.4	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	A2525-2832	98.2 %	(70 - 124)	
460-00-4	4-BROMOFLUOROBENZENE	A2525-2832	102.0 %	(74 - 124)	
4774-33-8	DIBROMOFLUOROMETHANE	A2525-2832	95.6 %	(77 - 162)	
2037-26-5	TOLUENE-D8	A2525-2832	101.0 %	(73 - 120)	

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706163-8
Client Sample ID: TP18 (0-2)
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 06/14/2007

Type: Grab

Collected: 06/07/2007 15:00
% Solid: 88.4%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
67-64-1	Acetone	B2377-9811	28.6	**40.9**	ug/Kg	J
56-23-5	Carbon Tetrachloride	B2377-9811	3.23	3.23	ug/Kg	U
67-66-3	Chloroform	B2377-9811	2.66	2.66	ug/Kg	U
71-43-2	Benzene	B2377-9811	2.83	2.83	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	B2377-9811	2.83	2.83	ug/Kg	U
74-83-9	Bromomethane	B2377-9811	2.94	2.94	ug/Kg	U
74-87-3	Chloromethane	B2377-9811	2.21	2.21	ug/Kg	U
74-95-3	Dibromomethane	B2377-9811	2.83	2.83	ug/Kg	U
74-97-5	Bromochloromethane	B2377-9811	5.66	5.66	ug/Kg	U
75-00-3	Chloroethane	B2377-9811	7.19	7.19	ug/Kg	U
75-01-4	Vinyl Chloride	B2377-9811	3.34	3.34	ug/Kg	U
75-09-2	Methylene Chloride	B2377-9811	4.81	4.81	ug/Kg	U
75-15-0	Carbon disulfide	B2377-9811	7.07	7.07	ug/Kg	U
75-25-2	Bromoform	B2377-9811	6.40	6.40	ug/Kg	U
75-27-4	Bromodichloromethane	B2377-9811	2.43	2.43	ug/Kg	U
75-34-3	1,1-Dichloroethane	B2377-9811	2.49	2.49	ug/Kg	U
75-35-4	1,1-Dichloroethene	B2377-9811	3.91	3.91	ug/Kg	U
75-45-6	Chlorodifluoromethane	B2377-9811	3.68	3.68	ug/Kg	U
75-65-0	Tertiary butyl alcohol	B2377-9811	98.5	98.5	ug/Kg	U
75-69-4	Trichlorofluoromethane	B2377-9811	3.62	3.62	ug/Kg	U
75-71-8	Dichlorodifluoromethane	B2377-9811	3.00	3.00	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	B2377-9811	4.19	4.19	ug/Kg	U
78-87-5	1,2-Dichloropropane	B2377-9811	2.15	2.15	ug/Kg	U
78-93-3	2-Butanone	B2377-9811	17.9	17.9	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	B2377-9811	4.98	4.98	ug/Kg	U
79-01-6	Trichloroethene	B2377-9811	2.04	2.04	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	B2377-9811	8.09	8.09	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	B2377-9811	5.83	5.83	ug/Kg	U
87-68-3	Hexachlorobutadiene	B2377-9811	5.60	5.60	ug/Kg	U
91-20-3	Naphthalene	B2377-9811	6.91	6.91	ug/Kg	U
95-47-6	o-xylene	B2377-9811	4.24	4.24	ug/Kg	U
95-49-8	2-Chlorotoluene	B2377-9811	5.04	5.04	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	B2377-9811	6.68	6.68	ug/Kg	U

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706163-8
Client Sample ID: TP18 (0-2)
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 06/14/2007

Type: Grab

Collected: 06/07/2007 15:00
% Solid: 88.4%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
95-63-6	1,2,4-Trimethylbenzene	B2377-9811	5.32	5.32	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	B2377-9811	6.17	**503**	ug/Kg	
96-12-8	1,2-Dibromo-3-chloropropane	B2377-9811	13.0	13.0	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	B2377-9811	11.4	11.4	ug/Kg	U
98-06-6	tert-Butylbenzene	B2377-9811	5.43	**12.9**	ug/Kg	J
98-82-8	Isopropylbenzene	B2377-9811	3.57	**19.9**	ug/Kg	J
99-87-6	4-Isopropyltoluene	B2377-9811	4.47	4.47	ug/Kg	U
100-41-4	Ethylbenzene	B2377-9811	2.43	2.43	ug/Kg	U
100-42-5	Styrene	B2377-9811	4.19	4.19	ug/Kg	U
103-65-1	n-Propylbenzene	B2377-9811	4.08	**30.1**	ug/Kg	
104-51-8	n-Butylbenzene	B2377-9811	5.04	**70.8**	ug/Kg	
105-05-5	p-Diethylbenzene	B2377-9811	5.60	**120**	ug/Kg	
106-43-4	4-Chlorotoluene	B2377-9811	5.55	5.55	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	B2377-9811	5.83	5.83	ug/Kg	U
106-93-4	1,2-Dibromoethane	B2377-9811	4.19	4.19	ug/Kg	U
107-06-2	1,2-Dichloroethane	B2377-9811	3.23	3.23	ug/Kg	U
107-13-1	Acrylonitrile	B2377-9811	34.7	34.7	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	B2377-9811	11.0	11.0	ug/Kg	U
108-38-3	m,p-xylene	B2377-9811	5.66	5.66	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	B2377-9811	4.64	4.64	ug/Kg	U
108-86-1	Bromobenzene	B2377-9811	4.58	4.58	ug/Kg	U
108-88-3	Toluene	B2377-9811	2.15	2.15	ug/Kg	U
108-90-7	Chlorobenzene	B2377-9811	2.89	2.89	ug/Kg	U
110-75-8	2-Chloroethylvinylether	B2377-9811	19.2	19.2	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	B2377-9811	5.66	5.66	ug/Kg	U
124-48-1	Dibromochloromethane	B2377-9811	4.08	4.08	ug/Kg	U
127-18-4	Tetrachloroethene	B2377-9811	3.28	3.28	ug/Kg	U
135-98-8	sec-Butylbenzene	B2377-9811	4.70	**77.2**	ug/Kg	
142-28-9	1,3-Dichloropropane	B2377-9811	3.06	3.06	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	B2377-9811	3.06	3.06	ug/Kg	U
156-60-5	t-1,2-Dichloroethene	B2377-9811	2.38	2.38	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	B2377-9811	5.60	5.60	ug/Kg	U
563-58-6	1,1-Dichloropropene	B2377-9811	5.94	5.94	ug/Kg	U

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706163-8

Client Sample ID: TP18 (0-2)
Matrix: Soil
Type: Grab
Remarks: See Case Narrative
Analyzed Date: 06/14/2007

Collected: 06/07/2007 15:00
% Solid: 88.4%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
590-20-7	2,2-Dichloropropane	B2377-9811	4.36	4.36	ug/Kg	U
591-78-6	2-Hexanone	B2377-9811	9.85	9.85	ug/Kg	U
622-96-8	p-Ethyltoluene	B2377-9811	5.21	5.21	ug/Kg	U
630-20-6	1,1,1,2-Tetrachloroethane	B2377-9811	4.47	4.47	ug/Kg	U
994-05-8	TAME	B2377-9811	11.9	11.9	ug/Kg	U
1634-04-4	Methyl t-butyl ether	B2377-9811	2.83	2.83	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	B2377-9811	2.77	2.77	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	B2377-9811	2.77	2.77	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	B2377-9811	106.0 %	(68 - 120)	
460-00-4	4-BROMOFLUOROBENZENE	B2377-9811	95.0 %	(80 - 110)	
4774-33-8	DIBROMOFLUOROMETHANE	B2377-9811	100.0 %	(68 - 156)	
2037-26-5	TOLUENE-D8	B2377-9811	93.8 %	(87 - 113)	

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706163-9
Client Sample ID: TP18 (2-4)
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 06/14/2007

Type: Grab

Collected: 06/07/2007 15:05
% Solid: 92.9%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
67-64-1	Acetone	B2377-9812	27.2	27.2	ug/Kg	U
56-23-5	Carbon Tetrachloride	B2377-9812	3.07	3.07	ug/Kg	U
67-66-3	Chloroform	B2377-9812	2.53	2.53	ug/Kg	U
71-43-2	Benzene	B2377-9812	2.69	2.69	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	B2377-9812	2.69	2.69	ug/Kg	U
74-83-9	Bromomethane	B2377-9812	2.80	2.80	ug/Kg	U
74-87-3	Chloromethane	B2377-9812	2.10	2.10	ug/Kg	U
74-95-3	Dibromomethane	B2377-9812	2.69	2.69	ug/Kg	U
74-97-5	Bromochloromethane	B2377-9812	5.38	5.38	ug/Kg	U
75-00-3	Chloroethane	B2377-9812	6.83	6.83	ug/Kg	U
75-01-4	Vinyl Chloride	B2377-9812	3.17	3.17	ug/Kg	U
75-09-2	Methylene Chloride	B2377-9812	4.57	4.57	ug/Kg	U
75-15-0	Carbon disulfide	B2377-9812	6.72	6.72	ug/Kg	U
75-25-2	Bromoform	B2377-9812	6.08	6.08	ug/Kg	U
75-27-4	Bromodichloromethane	B2377-9812	2.31	2.31	ug/Kg	U
75-34-3	1,1-Dichloroethane	B2377-9812	2.37	2.37	ug/Kg	U
75-35-4	1,1-Dichloroethene	B2377-9812	3.71	3.71	ug/Kg	U
75-45-6	Chlorodifluoromethane	B2377-9812	3.50	3.50	ug/Kg	U
75-65-0	Tertiary butyl alcohol	B2377-9812	93.6	93.6	ug/Kg	U
75-69-4	Trichlorofluoromethane	B2377-9812	3.44	3.44	ug/Kg	U
75-71-8	Dichlorodifluoromethane	B2377-9812	2.85	2.85	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	B2377-9812	3.98	3.98	ug/Kg	U
78-87-5	1,2-Dichloropropane	B2377-9812	2.04	2.04	ug/Kg	U
78-93-3	2-Butanone	B2377-9812	17.0	17.0	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	B2377-9812	4.73	4.73	ug/Kg	U
79-01-6	Trichloroethene	B2377-9812	1.94	1.94	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	B2377-9812	7.69	7.69	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	B2377-9812	5.54	5.54	ug/Kg	U
87-68-3	Hexachlorobutadiene	B2377-9812	5.33	5.33	ug/Kg	U
91-20-3	Naphthalene	B2377-9812	6.56	6.56	ug/Kg	U
95-47-6	o-xylene	B2377-9812	4.03	4.03	ug/Kg	U
95-49-8	2-Chlorotoluene	B2377-9812	4.79	4.79	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	B2377-9812	6.35	6.35	ug/Kg	U

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706163-9
Client Sample ID: TP18 (2-4)
Matrix: Soil
Type: Grab
Collected: 06/07/2007 15:05
% Solid: 92.9%
Remarks: See Case Narrative
Analyzed Date: 06/14/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
95-63-6	1,2,4-Trimethylbenzene	B2377-9812	5.06	5.06	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	B2377-9812	5.86	**208**	ug/Kg	
96-12-8	1,2-Dibromo-3-chloropropane	B2377-9812	12.3	12.3	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	B2377-9812	10.8	10.8	ug/Kg	U
98-06-6	tert-Butylbenzene	B2377-9812	5.16	5.16	ug/Kg	U
98-82-8	Isopropylbenzene	B2377-9812	3.39	3.39	ug/Kg	U
99-87-6	4-Isopropyltoluene	B2377-9812	4.25	4.25	ug/Kg	U
100-41-4	Ethylbenzene	B2377-9812	2.31	2.31	ug/Kg	U
100-42-5	Styrene	B2377-9812	3.98	3.98	ug/Kg	U
103-65-1	n-Propylbenzene	B2377-9812	3.87	3.87	ug/Kg	U
104-51-8	n-Butylbenzene	B2377-9812	4.79	4.79	ug/Kg	U
105-05-5	p-Diethylbenzene	B2377-9812	5.33	**27.3**	ug/Kg	
106-43-4	4-Chlorotoluene	B2377-9812	5.27	5.27	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	B2377-9812	5.54	5.54	ug/Kg	U
106-93-4	1,2-Dibromoethane	B2377-9812	3.98	3.98	ug/Kg	U
107-06-2	1,2-Dichloroethane	B2377-9812	3.07	3.07	ug/Kg	U
107-13-1	Acrylonitrile	B2377-9812	33.0	33.0	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	B2377-9812	10.4	10.4	ug/Kg	U
108-38-3	m,p-xylene	B2377-9812	5.38	5.38	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	B2377-9812	4.41	4.41	ug/Kg	U
108-86-1	Bromobenzene	B2377-9812	4.36	4.36	ug/Kg	U
108-88-3	Toluene	B2377-9812	2.04	2.04	ug/Kg	U
108-90-7	Chlorobenzene	B2377-9812	2.74	2.74	ug/Kg	U
110-75-8	2-Chloroethylvinylether	B2377-9812	18.2	18.2	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	B2377-9812	5.38	5.38	ug/Kg	U
124-48-1	Dibromochloromethane	B2377-9812	3.87	3.87	ug/Kg	U
127-18-4	Tetrachloroethene	B2377-9812	3.12	3.12	ug/Kg	U
135-98-8	sec-Butylbenzene	B2377-9812	4.47	**6.21**	ug/Kg	J
142-28-9	1,3-Dichloropropane	B2377-9812	2.91	2.91	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	B2377-9812	2.91	2.91	ug/Kg	U
156-60-5	t-1,2-Dichloroethene	B2377-9812	2.26	2.26	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	B2377-9812	5.33	5.33	ug/Kg	U
563-58-6	1,1-Dichloropropene	B2377-9812	5.65	5.65	ug/Kg	U

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706163-9

Client Sample ID: TP18 (2-4)
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 06/14/2007

Type: Grab

Collected: 06/07/2007 15:05
% Solid: 92.9%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
590-20-7	2,2-Dichloropropane	B2377-9812	4.14	4.14	ug/Kg	U
591-78-6	2-Hexanone	B2377-9812	9.36	9.36	ug/Kg	U
622-96-8	p-Ethyltoluene	B2377-9812	4.95	4.95	ug/Kg	U
630-20-6	1,1,1,2-Tetrachloroethane	B2377-9812	4.25	4.25	ug/Kg	U
994-05-8	TAME	B2377-9812	11.3	11.3	ug/Kg	U
1634-04-4	Methyl t-butyl ether	B2377-9812	2.69	2.69	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	B2377-9812	2.64	2.64	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	B2377-9812	2.64	2.64	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	B2377-9812	99.9 %	(68 - 120)	
460-00-4	4-BROMOFLUOROBENZENE	B2377-9812	95.7 %	(80 - 110)	
4774-33-8	DIBROMOFLUOROMETHANE	B2377-9812	97.3 %	(68 - 156)	
2037-26-5	TOLUENE-D8	B2377-9812	93.8 %	(87 - 113)	

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706163-11
Client Sample ID: FB1
Matrix: Liquid
Remarks: See Case Narrative
Analyzed Date: 06/09/2007

Type: Grab

Collected: 06/07/2007 15:15

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
67-64-1	Acetone	A2523-2779	0.79	0.79	ug/L	U
56-23-5	Carbon Tetrachloride	A2523-2779	0.30	0.30	ug/L	U
67-66-3	Chloroform	A2523-2779	0.39	0.39	ug/L	U
71-43-2	Benzene	A2523-2779	0.34	0.34	ug/L	U
71-55-6	1,1,1-Trichloroethane	A2523-2779	0.43	0.43	ug/L	U
74-83-9	Bromomethane	A2523-2779	0.52	0.52	ug/L	U
74-87-3	Chloromethane	A2523-2779	0.73	0.73	ug/L	U
74-95-3	Dibromomethane	A2523-2779	0.41	0.41	ug/L	U
74-97-5	Bromochloromethane	A2523-2779	0.61	0.61	ug/L	U
75-00-3	Chloroethane	A2523-2779	0.75	0.75	ug/L	U
75-01-4	Vinyl Chloride	A2523-2779	0.38	0.38	ug/L	U
75-09-2	Methylene Chloride	A2523-2779	0.44	0.44	ug/L	U
75-15-0	Carbon disulfide	A2523-2779	0.32	0.32	ug/L	U
75-25-2	Bromoform	A2523-2779	0.46	0.46	ug/L	U
75-27-4	Bromodichloromethane	A2523-2779	0.45	0.45	ug/L	U
75-34-3	1,1-Dichloroethane	A2523-2779	0.36	0.36	ug/L	U
75-35-4	1,1-Dichloroethene	A2523-2779	0.37	0.37	ug/L	U
75-45-6	Chlorodifluoromethane	A2523-2779	0.35	0.35	ug/L	U
75-65-0	Tertiary butyl alcohol	A2523-2779	21.4	21.4	ug/L	U
75-69-4	Trichlorofluoromethane	A2523-2779	0.34	0.34	ug/L	U
75-71-8	Dichlorodifluoromethane	A2523-2779	0.34	0.34	ug/L	U
76-13-1	1,1,2-Trichlorotrifluoroethane	A2523-2779	0.46	0.46	ug/L	U
78-87-5	1,2-Dichloropropane	A2523-2779	0.49	0.49	ug/L	U
78-93-3	2-Butanone	A2523-2779	0.96	0.96	ug/L	U
79-00-5	1,1,2-Trichloroethane	A2523-2779	0.42	0.42	ug/L	U
79-01-6	Trichloroethene	A2523-2779	0.28	0.28	ug/L	U
79-34-5	1,1,2,2-Tetrachloroethane	A2523-2779	0.55	0.55	ug/L	U
87-61-6	1,2,3-Trichlorobenzene	A2523-2779	0.52	0.52	ug/L	U
87-68-3	Hexachlorobutadiene	A2523-2779	0.49	0.49	ug/L	U
91-20-3	Naphthalene	A2523-2779	0.54	0.54	ug/L	U
95-47-6	o-xylene	A2523-2779	0.44	0.44	ug/L	U
95-49-8	2-Chlorotoluene	A2523-2779	0.43	0.43	ug/L	U
95-50-1	1,2-Dichlorobenzene	A2523-2779	0.41	0.41	ug/L	U

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706163-11
Client Sample ID: FB1
Matrix: Liquid
Type: Grab
Remarks: See Case Narrative
Analyzed Date: 06/09/2007
Collected: 06/07/2007 15:15

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
95-63-6	1,2,4-Trimethylbenzene	A2523-2779	0.38	0.38	ug/L	U
95-93-2	1,2,4,5-Tetramethylbenzene	A2523-2779	0.42	0.42	ug/L	U
96-12-8	1,2-Dibromo-3-chloropropane	A2523-2779	0.70	0.70	ug/L	U
96-18-4	1,2,3-Trichloropropane	A2523-2779	0.71	0.71	ug/L	U
98-06-6	tert-Butylbenzene	A2523-2779	0.48	0.48	ug/L	U
98-82-8	Isopropylbenzene	A2523-2779	0.33	0.33	ug/L	U
99-87-6	4-Isopropyltoluene	A2523-2779	0.37	0.37	ug/L	U
100-41-4	Ethylbenzene	A2523-2779	0.44	0.44	ug/L	U
100-42-5	Styrene	A2523-2779	0.33	0.33	ug/L	U
103-65-1	n-Propylbenzene	A2523-2779	0.36	0.36	ug/L	U
104-51-8	n-Butylbenzene	A2523-2779	0.39	0.39	ug/L	U
105-05-5	p-Diethylbenzene	A2523-2779	0.39	0.39	ug/L	U
106-43-4	4-Chlorotoluene	A2523-2779	0.46	0.46	ug/L	U
106-46-7	1,4-Dichlorobenzene	A2523-2779	0.46	0.46	ug/L	U
106-93-4	1,2-Dibromoethane	A2523-2779	0.36	0.36	ug/L	U
107-06-2	1,2-Dichloroethane	A2523-2779	0.32	0.32	ug/L	U
107-13-1	Acrylonitrile	A2523-2779	2.04	2.04	ug/L	U
108-10-1	4-Methyl-2-pentanone	A2523-2779	0.49	0.49	ug/L	U
108-38-3	m,p-xylene	A2523-2779	0.78	0.78	ug/L	U
108-67-8	1,3,5-Trimethylbenzene	A2523-2779	0.34	0.34	ug/L	U
108-86-1	Bromobenzene	A2523-2779	0.38	0.38	ug/L	U
108-88-3	Toluene	A2523-2779	0.40	0.40	ug/L	U
108-90-7	Chlorobenzene	A2523-2779	0.36	0.36	ug/L	U
110-75-8	2-Chloroethylvinylether	A2523-2779	1.77	1.77	ug/L	U
120-82-1	1,2,4-Trichlorobenzene	A2523-2779	0.42	0.42	ug/L	U
124-48-1	Dibromochloromethane	A2523-2779	0.45	0.45	ug/L	U
127-18-4	Tetrachloroethene	A2523-2779	0.18	0.18	ug/L	U
135-98-8	sec-Butylbenzene	A2523-2779	0.42	0.42	ug/L	U
142-28-9	1,3-Dichloropropane	A2523-2779	0.38	0.38	ug/L	U
156-59-2	c-1,2-Dichloroethene	A2523-2779	0.43	0.43	ug/L	U
156-60-5	t-1,2-Dichloroethene	A2523-2779	0.38	0.38	ug/L	U
541-73-1	1,3-Dichlorobenzene	A2523-2779	0.45	0.45	ug/L	U
563-58-6	1,1-Dichloropropene	A2523-2779	0.21	0.21	ug/L	U

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706163-11
Client Sample ID: FB1
Matrix: Liquid
Type: Grab
Remarks: See Case Narrative
Analyzed Date: 06/09/2007
Collected: 06/07/2007 15:15

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
590-20-7	2,2-Dichloropropane	A2523-2779	0.47	0.47	ug/L	U
591-78-6	2-Hexanone	A2523-2779	0.31	0.31	ug/L	U
622-96-8	p-Ethyltoluene	A2523-2779	0.40	0.40	ug/L	U
630-20-6	1,1,1,2-Tetrachloroethane	A2523-2779	0.43	0.43	ug/L	U
994-05-8	TAME	A2523-2779	0.41	0.41	ug/L	U
1634-04-4	Methyl t-butyl ether	A2523-2779	0.40	0.40	ug/L	U
10061-01-5	c-1,3-Dichloropropene	A2523-2779	0.41	0.41	ug/L	U
10061-02-6	t-1,3-Dichloropropene	A2523-2779	0.42	0.42	ug/L	U

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	A2523-2779	101.0 %	(70 - 110)	
460-00-4	4-BROMOFLUOROBENZENE	A2523-2779	100.0 %	(78 - 112)	
4774-33-8	DIBROMOFLUOROMETHANE	A2523-2779	98.2 %	(69 - 129)	
2037-26-5	TOLUENE-D8	A2523-2779	101.0 %	(90 - 108)	

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706163-2

Client Sample ID: TP16 (0-2)
Collected: 06/07/2007 13:45
Matrix: Soil
Type: Grab
% Solid: 90.1%
Remarks:
Analyzed Date: 06/18/2007
Preparation Date(s) : 06/16/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	B2199-486	9.77	9.77	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	B2199-486	15.1	15.1	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	B2199-486	14.7	14.7	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	B2199-486	8.88	8.88	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	B2199-486	10.1	10.1	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	B2199-486	22.7	22.7	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	B2199-486	9.62	9.62	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	B2199-486	5.48	5.48	ug/Kg	U
120-83-2	2,4-Dichlorophenol	B2199-486	7.51	7.51	ug/Kg	U
105-67-9	2,4-Dimethylphenol	B2199-486	11.9	11.9	ug/Kg	U
51-28-5	2,4-Dinitrophenol	B2199-486	38.8	38.8	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	B2199-486	5.59	5.59	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	B2199-486	9.58	9.58	ug/Kg	U
91-58-7	2-Chloronaphthalene	B2199-486	12.2	12.2	ug/Kg	U
95-57-8	2-Chlorophenol	B2199-486	13.9	13.9	ug/Kg	U
91-57-6	2-Methylnaphthalene	B2199-486	8.18	8.18	ug/Kg	U
95-48-7	2-Methylphenol	B2199-486	13.0	13.0	ug/Kg	U
88-74-4	2-Nitroaniline	B2199-486	11.6	11.6	ug/Kg	U
88-75-5	2-Nitrophenol	B2199-486	8.62	8.62	ug/Kg	U
106-44-5	3+4-Methylphenol	B2199-486	12.1	12.1	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	B2199-486	19.1	19.1	ug/Kg	U
99-09-2	3-Nitroaniline	B2199-486	13.2	13.2	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	B2199-486	119	119	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	B2199-486	12.1	12.1	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	B2199-486	16.3	16.3	ug/Kg	U
106-47-8	4-Chloroaniline	B2199-486	16.4	16.4	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	B2199-486	11.2	11.2	ug/Kg	U
100-01-6	4-Nitroaniline	B2199-486	7.10	7.10	ug/Kg	U
100-02-7	4-Nitrophenol	B2199-486	164	164	ug/Kg	U
83-32-9	Acenaphthene	B2199-486	13.5	13.5	ug/Kg	U
208-96-8	Acenaphthylene	B2199-486	13.2	13.2	ug/Kg	U
62-53-3	Aniline	B2199-486	13.1	13.1	ug/Kg	U
120-12-7	Anthracene	B2199-486	14.4	14.4	ug/Kg	U

Environmental Testing Laboratories, Inc.
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Phone - 631-249-1456 Fax - 631-249-8344

05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706163-2

Client Sample ID: TP16 (0-2)
Collected: 06/07/2007 13:45
Matrix: Soil
Type: Grab
% Solid: 90.1%
Remarks:
Analyzed Date: 06/18/2007
Preparation Date(s) : 06/16/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
92-87-5	Benzidine	B2199-486	219	219	ug/Kg	U
56-55-3	Benzo(a)anthracene	B2199-486	14.5	14.5	ug/Kg	U
50-32-8	Benzo(a)pyrene	B2199-486	12.7	12.7	ug/Kg	U
205-99-2	Benzo(b)fluoranthene	B2199-486	15.7	15.7	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	B2199-486	12.4	12.4	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	B2199-486	14.8	14.8	ug/Kg	U
65-85-0	Benzoic acid	B2199-486	810	810	ug/Kg	U
100-51-6	Benzyl alcohol	B2199-486	11.8	11.8	ug/Kg	U
85-68-7	Butyl benzyl phthalate	B2199-486	8.03	8.03	ug/Kg	U
86-74-8	Carbazole	B2199-486	23.9	23.9	ug/Kg	U
218-01-9	Chrysene	B2199-486	16.2	16.2	ug/Kg	U
	Cresols	B2199-486	25.1	25.1	ug/Kg	U
84-74-2	Di-n-butyl phthalate	B2199-486	9.21	**14.9**	ug/Kg	J
117-84-0	Di-n-octyl phthalate	B2199-486	14.3	14.3	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	B2199-486	11.9	11.9	ug/Kg	U
132-64-9	Dibenzofuran	B2199-486	13.4	13.4	ug/Kg	U
84-66-2	Diethyl phthalate	B2199-486	9.32	9.32	ug/Kg	U
131-11-3	Dimethyl phthalate	B2199-486	6.96	6.96	ug/Kg	U
206-44-0	Fluoranthene	B2199-486	12.7	12.7	ug/Kg	U
86-73-7	Fluorene	B2199-486	11.4	11.4	ug/Kg	U
118-74-1	Hexachlorobenzene	B2199-486	9.95	9.95	ug/Kg	U
87-68-3	Hexachlorobutadiene	B2199-486	9.10	9.10	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	B2199-486	109	109	ug/Kg	U
67-72-1	Hexachloroethane	B2199-486	17.4	17.4	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	B2199-486	12.7	12.7	ug/Kg	U
78-59-1	Isophorone	B2199-486	10.8	10.8	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	B2199-486	10.1	10.1	ug/Kg	U
62-75-9	N-Nitrosodimethylamine	B2199-486	18.2	18.2	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	B2199-486	12.4	12.4	ug/Kg	U
91-20-3	Naphthalene	B2199-486	11.5	11.5	ug/Kg	U
98-95-3	Nitrobenzene	B2199-486	9.32	9.32	ug/Kg	U
87-86-5	Pentachlorophenol	B2199-486	180	180	ug/Kg	U
85-01-8	Phenanthrene	B2199-486	14.3	14.3	ug/Kg	U

Environmental Testing Laboratories, Inc.
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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706163-2

Client Sample ID: TP16 (0-2)
Collected: 06/07/2007 13:45
Matrix: Soil
Type: Grab
% Solid: 90.1%
Remarks:
Analyzed Date: 06/18/2007
Preparation Date(s) : 06/16/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
108-95-2	Phenol	B2199-486	177	177	ug/Kg	U
129-00-0	Pyrene	B2199-486	9.25	9.25	ug/Kg	U
110-86-1	Pyridine	B2199-486	113	113	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	B2199-486	12.7	12.7	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	B2199-486	11.9	11.9	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	B2199-486	10.9	10.9	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	B2199-486	21.7	21.7	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	B2199-486	61.6 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	B2199-486	60.2 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	B2199-486	56.8 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	B2199-486	51.1 %	(23 - 120)	
13127-88-3	PHENOL-D6	B2199-486	62.6 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	B2199-486	73.6 %	(18 - 137)	

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706163-3

Client Sample ID: TP16 (2-4)
Collected: 06/07/2007 13:50
Matrix: Soil
Type: Grab
% Solid: 95.9%
Remarks:
Analyzed Date: 06/18/2007
Preparation Date(s) : 06/16/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	B2199-487	9.18	9.18	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	B2199-487	14.1	14.1	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	B2199-487	13.8	13.8	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	B2199-487	8.34	8.34	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	B2199-487	9.49	9.49	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	B2199-487	21.3	21.3	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	B2199-487	9.04	9.04	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	B2199-487	5.14	5.14	ug/Kg	U
120-83-2	2,4-Dichlorophenol	B2199-487	7.06	7.06	ug/Kg	U
105-67-9	2,4-Dimethylphenol	B2199-487	11.2	11.2	ug/Kg	U
51-28-5	2,4-Dinitrophenol	B2199-487	36.5	36.5	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	B2199-487	5.25	5.25	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	B2199-487	9.00	9.00	ug/Kg	U
91-58-7	2-Chloronaphthalene	B2199-487	11.5	11.5	ug/Kg	U
95-57-8	2-Chlorophenol	B2199-487	13.0	13.0	ug/Kg	U
91-57-6	2-Methylnaphthalene	B2199-487	7.68	**15.8**	ug/Kg	J
95-48-7	2-Methylphenol	B2199-487	12.2	12.2	ug/Kg	U
88-74-4	2-Nitroaniline	B2199-487	10.9	10.9	ug/Kg	U
88-75-5	2-Nitrophenol	B2199-487	8.10	8.10	ug/Kg	U
106-44-5	3+4-Methylphenol	B2199-487	11.3	11.3	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	B2199-487	17.9	17.9	ug/Kg	U
99-09-2	3-Nitroaniline	B2199-487	12.4	12.4	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	B2199-487	112	112	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	B2199-487	11.4	11.4	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	B2199-487	15.3	15.3	ug/Kg	U
106-47-8	4-Chloroaniline	B2199-487	15.4	15.4	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	B2199-487	10.5	10.5	ug/Kg	U
100-01-6	4-Nitroaniline	B2199-487	6.67	6.67	ug/Kg	U
100-02-7	4-Nitrophenol	B2199-487	154	154	ug/Kg	U
83-32-9	Acenaphthene	B2199-487	12.7	**48.9**	ug/Kg	J
208-96-8	Acenaphthylene	B2199-487	12.4	12.4	ug/Kg	U
62-53-3	Aniline	B2199-487	12.3	12.3	ug/Kg	U
120-12-7	Anthracene	B2199-487	13.5	13.5	ug/Kg	U

Environmental Testing Laboratories, Inc.
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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706163-3

Client Sample ID: TP16 (2-4)
Collected: 06/07/2007 13:50
Matrix: Soil
Type: Grab
% Solid: 95.9%
Remarks:
Analyzed Date: 06/18/2007
Preparation Date(s) : 06/16/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
92-87-5	Benzidine	B2199-487	205	205	ug/Kg	U
56-55-3	Benzo(a)anthracene	B2199-487	13.6	13.6	ug/Kg	U
50-32-8	Benzo(a)pyrene	B2199-487	11.9	11.9	ug/Kg	U
205-99-2	Benzo(b)fluoranthene	B2199-487	14.7	14.7	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	B2199-487	11.7	11.7	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	B2199-487	13.9	13.9	ug/Kg	U
65-85-0	Benzoic acid	B2199-487	761	761	ug/Kg	U
100-51-6	Benzyl alcohol	B2199-487	11.1	11.1	ug/Kg	U
85-68-7	Butyl benzyl phthalate	B2199-487	7.54	7.54	ug/Kg	U
86-74-8	Carbazole	B2199-487	22.5	22.5	ug/Kg	U
218-01-9	Chrysene	B2199-487	15.2	15.2	ug/Kg	U
	Cresols	B2199-487	23.5	23.5	ug/Kg	U
84-74-2	Di-n-butyl phthalate	B2199-487	8.65	8.65	ug/Kg	U
117-84-0	Di-n-octyl phthalate	B2199-487	13.5	13.5	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	B2199-487	11.2	11.2	ug/Kg	U
132-64-9	Dibenzofuran	B2199-487	12.6	12.6	ug/Kg	U
84-66-2	Diethyl phthalate	B2199-487	8.76	8.76	ug/Kg	U
131-11-3	Dimethyl phthalate	B2199-487	6.53	6.53	ug/Kg	U
206-44-0	Fluoranthene	B2199-487	12.0	**28.6**	ug/Kg	J
86-73-7	Fluorene	B2199-487	10.7	**81.7**	ug/Kg	J
118-74-1	Hexachlorobenzene	B2199-487	9.35	9.35	ug/Kg	U
87-68-3	Hexachlorobutadiene	B2199-487	8.55	8.55	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	B2199-487	102	102	ug/Kg	U
67-72-1	Hexachloroethane	B2199-487	16.4	16.4	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	B2199-487	11.9	11.9	ug/Kg	U
78-59-1	Isophorone	B2199-487	10.1	10.1	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	B2199-487	9.49	9.49	ug/Kg	U
62-75-9	N-Nitrosodimethylamine	B2199-487	17.1	17.1	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	B2199-487	11.7	11.7	ug/Kg	U
91-20-3	Naphthalene	B2199-487	10.8	10.8	ug/Kg	U
98-95-3	Nitrobenzene	B2199-487	8.76	8.76	ug/Kg	U
87-86-5	Pentachlorophenol	B2199-487	169	169	ug/Kg	U
85-01-8	Phenanthrene	B2199-487	13.4	**251**	ug/Kg	

Environmental Testing Laboratories, Inc.
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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706163-3

Client Sample ID: TP16 (2-4)
Collected: 06/07/2007 13:50
Matrix: Soil
Type: Grab
% Solid: 95.9%
Remarks:
Analyzed Date: 06/18/2007
Preparation Date(s) : 06/16/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
108-95-2	Phenol	B2199-487	166	166	ug/Kg	U
129-00-0	Pyrene	B2199-487	8.69	**48.0**	ug/Kg	J
110-86-1	Pyridine	B2199-487	106	106	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	B2199-487	11.9	11.9	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	B2199-487	11.2	11.2	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	B2199-487	10.3	10.3	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	B2199-487	20.4	20.4	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	B2199-487	62.4 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	B2199-487	67.1 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	B2199-487	58.1 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	B2199-487	63.1 %	(23 - 120)	
13127-88-3	PHENOL-D6	B2199-487	67.7 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	B2199-487	68.7 %	(18 - 137)	

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706163-5

Client Sample ID: TP17 (0-2)
Collected: 06/07/2007 14:15
Matrix: Soil
Type: Grab
% Solid: 90.3%
Remarks: See Case Narrative
Analyzed Date: 06/19/2007
Preparation Date(s) : 06/16/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	B2200-492	19.5	19.5	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	B2200-492	30.0	30.0	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	B2200-492	29.4	29.4	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	B2200-492	17.7	17.7	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	B2200-492	20.2	20.2	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	B2200-492	45.3	45.3	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	B2200-492	19.2	19.2	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	B2200-492	10.9	10.9	ug/Kg	U
120-83-2	2,4-Dichlorophenol	B2200-492	15.0	15.0	ug/Kg	U
105-67-9	2,4-Dimethylphenol	B2200-492	23.8	23.8	ug/Kg	U
51-28-5	2,4-Dinitrophenol	B2200-492	77.5	77.5	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	B2200-492	11.1	11.1	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	B2200-492	19.1	19.1	ug/Kg	U
91-58-7	2-Chloronaphthalene	B2200-492	24.4	24.4	ug/Kg	U
95-57-8	2-Chlorophenol	B2200-492	27.7	27.7	ug/Kg	U
91-57-6	2-Methylnaphthalene	B2200-492	16.3	**34.0**	ug/Kg	J
95-48-7	2-Methylphenol	B2200-492	26.0	26.0	ug/Kg	U
88-74-4	2-Nitroaniline	B2200-492	23.1	23.1	ug/Kg	U
88-75-5	2-Nitrophenol	B2200-492	17.2	17.2	ug/Kg	U
106-44-5	3+4-Methylphenol	B2200-492	24.1	24.1	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	B2200-492	38.1	38.1	ug/Kg	U
99-09-2	3-Nitroaniline	B2200-492	26.4	26.4	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	B2200-492	238	238	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	B2200-492	24.2	24.2	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	B2200-492	32.5	32.5	ug/Kg	U
106-47-8	4-Chloroaniline	B2200-492	32.8	32.8	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	B2200-492	22.3	22.3	ug/Kg	U
100-01-6	4-Nitroaniline	B2200-492	14.2	14.2	ug/Kg	U
100-02-7	4-Nitrophenol	B2200-492	327	327	ug/Kg	U
83-32-9	Acenaphthene	B2200-492	26.9	26.9	ug/Kg	U
208-96-8	Acenaphthylene	B2200-492	26.3	26.3	ug/Kg	U
62-53-3	Aniline	B2200-492	26.1	26.1	ug/Kg	U
120-12-7	Anthracene	B2200-492	28.6	28.6	ug/Kg	U

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706163-5

Client Sample ID: TP17 (0-2)
Collected: 06/07/2007 14:15
Matrix: Soil
Type: Grab
% Solid: 90.3%
Remarks: See Case Narrative
Analyzed Date: 06/19/2007
Preparation Date(s) : 06/16/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
92-87-5	Benzidine	B2200-492	436	436	ug/Kg	U
56-55-3	Benzo(a)anthracene	B2200-492	28.9	28.9	ug/Kg	U
50-32-8	Benzo(a)pyrene	B2200-492	25.3	25.3	ug/Kg	U
205-99-2	Benzo(b)fluoranthene	B2200-492	31.3	31.3	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	B2200-492	24.8	24.8	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	B2200-492	29.5	29.5	ug/Kg	U
65-85-0	Benzoic acid	B2200-492	1620	1620	ug/Kg	U
100-51-6	Benzyl alcohol	B2200-492	23.5	23.5	ug/Kg	U
85-68-7	Butyl benzyl phthalate	B2200-492	16.0	16.0	ug/Kg	U
86-74-8	Carbazole	B2200-492	47.7	47.7	ug/Kg	U
218-01-9	Chrysene	B2200-492	32.3	32.3	ug/Kg	U
	Cresols	B2200-492	75.1	75.1	ug/Kg	U
84-74-2	Di-n-butyl phthalate	B2200-492	18.4	18.4	ug/Kg	U
117-84-0	Di-n-octyl phthalate	B2200-492	28.6	28.6	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	B2200-492	23.8	23.8	ug/Kg	U
132-64-9	Dibenzofuran	B2200-492	26.7	26.7	ug/Kg	U
84-66-2	Diethyl phthalate	B2200-492	18.6	18.6	ug/Kg	U
131-11-3	Dimethyl phthalate	B2200-492	13.9	13.9	ug/Kg	U
206-44-0	Fluoranthene	B2200-492	25.4	25.4	ug/Kg	U
86-73-7	Fluorene	B2200-492	22.7	22.7	ug/Kg	U
118-74-1	Hexachlorobenzene	B2200-492	19.9	19.9	ug/Kg	U
87-68-3	Hexachlorobutadiene	B2200-492	18.2	18.2	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	B2200-492	217	217	ug/Kg	U
67-72-1	Hexachloroethane	B2200-492	34.8	34.8	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	B2200-492	25.2	25.2	ug/Kg	U
78-59-1	Isophorone	B2200-492	21.5	21.5	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	B2200-492	20.2	20.2	ug/Kg	U
62-75-9	N-Nitrosodimethylamine	B2200-492	36.3	36.3	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	B2200-492	24.8	24.8	ug/Kg	U
91-20-3	Naphthalene	B2200-492	23.0	23.0	ug/Kg	U
98-95-3	Nitrobenzene	B2200-492	18.6	18.6	ug/Kg	U
87-86-5	Pentachlorophenol	B2200-492	360	360	ug/Kg	U
85-01-8	Phenanthrene	B2200-492	28.5	28.5	ug/Kg	U

Environmental Testing Laboratories, Inc.
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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706163-5

Client Sample ID: TP17 (0-2)
Collected: 06/07/2007 14:15
Matrix: Soil
Type: Grab
% Solid: 90.3%
Remarks: See Case Narrative
Analyzed Date: 06/19/2007
Preparation Date(s) : 06/16/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
108-95-2	Phenol	B2200-492	354	354	ug/Kg	U
129-00-0	Pyrene	B2200-492	18.5	18.5	ug/Kg	U
110-86-1	Pyridine	B2200-492	226	226	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	B2200-492	25.2	25.2	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	B2200-492	23.8	23.8	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	B2200-492	21.8	21.8	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	B2200-492	43.3	43.3	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	B2200-492	52.0 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	B2200-492	57.1 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	B2200-492	53.6 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	B2200-492	49.4 %	(23 - 120)	
13127-88-3	PHENOL-D6	B2200-492	62.2 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	B2200-492	60.7 %	(18 - 137)	

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706163-6

Client Sample ID: TP17 (2-4)
Collected: 06/07/2007 14:20
Matrix: Soil
Type: Grab
% Solid: 95%
Remarks: See Case Narrative
Analyzed Date: 06/19/2007
Preparation Date(s) : 06/16/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	B2200-498	92.6	92.6	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	B2200-498	143	143	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	B2200-498	140	140	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	B2200-498	84.2	84.2	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	B2200-498	95.8	95.8	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	B2200-498	215	215	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	B2200-498	91.2	91.2	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	B2200-498	51.9	51.9	ug/Kg	U
120-83-2	2,4-Dichlorophenol	B2200-498	71.2	71.2	ug/Kg	U
105-67-9	2,4-Dimethylphenol	B2200-498	113	113	ug/Kg	U
51-28-5	2,4-Dinitrophenol	B2200-498	368	368	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	B2200-498	53.0	53.0	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	B2200-498	90.9	90.9	ug/Kg	U
91-58-7	2-Chloronaphthalene	B2200-498	116	116	ug/Kg	U
95-57-8	2-Chlorophenol	B2200-498	132	132	ug/Kg	U
91-57-6	2-Methylnaphthalene	B2200-498	77.5	**18800**	ug/Kg	
95-48-7	2-Methylphenol	B2200-498	124	124	ug/Kg	U
88-74-4	2-Nitroaniline	B2200-498	110	110	ug/Kg	U
88-75-5	2-Nitrophenol	B2200-498	81.8	81.8	ug/Kg	U
106-44-5	3+4-Methylphenol	B2200-498	114	114	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	B2200-498	181	181	ug/Kg	U
99-09-2	3-Nitroaniline	B2200-498	125	125	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	B2200-498	1130	1130	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	B2200-498	115	115	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	B2200-498	154	154	ug/Kg	U
106-47-8	4-Chloroaniline	B2200-498	156	156	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	B2200-498	106	106	ug/Kg	U
100-01-6	4-Nitroaniline	B2200-498	67.4	67.4	ug/Kg	U
100-02-7	4-Nitrophenol	B2200-498	1550	1550	ug/Kg	U
83-32-9	Acenaphthene	B2200-498	128	**1760**	ug/Kg	
208-96-8	Acenaphthylene	B2200-498	125	125	ug/Kg	U
62-53-3	Aniline	B2200-498	124	124	ug/Kg	U
120-12-7	Anthracene	B2200-498	136	136	ug/Kg	U

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706163-6

Client Sample ID: TP17 (2-4)
Collected: 06/07/2007 14:20
Matrix: Soil
Type: Grab
% Solid: 95%
Remarks: See Case Narrative
Analyzed Date: 06/19/2007
Preparation Date(s) : 06/16/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
92-87-5	Benzidine	B2200-498	2070	2070	ug/Kg	U
56-55-3	Benzo(a)anthracene	B2200-498	138	138	ug/Kg	U
50-32-8	Benzo(a)pyrene	B2200-498	120	120	ug/Kg	U
205-99-2	Benzo(b)fluoranthene	B2200-498	149	149	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	B2200-498	118	118	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	B2200-498	140	140	ug/Kg	U
65-85-0	Benzoic acid	B2200-498	7680	7680	ug/Kg	U
100-51-6	Benzyl alcohol	B2200-498	112	112	ug/Kg	U
85-68-7	Butyl benzyl phthalate	B2200-498	76.1	76.1	ug/Kg	U
86-74-8	Carbazole	B2200-498	227	227	ug/Kg	U
218-01-9	Chrysene	B2200-498	154	154	ug/Kg	U
	Cresols	B2200-498	262	262	ug/Kg	U
84-74-2	Di-n-butyl phthalate	B2200-498	87.4	87.4	ug/Kg	U
117-84-0	Di-n-octyl phthalate	B2200-498	136	136	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	B2200-498	113	113	ug/Kg	U
132-64-9	Dibenzofuran	B2200-498	127	**1320**	ug/Kg	J
84-66-2	Diethyl phthalate	B2200-498	88.4	88.4	ug/Kg	U
131-11-3	Dimethyl phthalate	B2200-498	66.0	66.0	ug/Kg	U
206-44-0	Fluoranthene	B2200-498	121	**303**	ug/Kg	J
86-73-7	Fluorene	B2200-498	108	**3270**	ug/Kg	
118-74-1	Hexachlorobenzene	B2200-498	94.4	94.4	ug/Kg	U
87-68-3	Hexachlorobutadiene	B2200-498	86.3	86.3	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	B2200-498	1030	1030	ug/Kg	U
67-72-1	Hexachloroethane	B2200-498	165	165	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	B2200-498	120	120	ug/Kg	U
78-59-1	Isophorone	B2200-498	102	102	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	B2200-498	95.8	95.8	ug/Kg	U
62-75-9	N-Nitrosodimethylamine	B2200-498	173	173	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	B2200-498	118	118	ug/Kg	U
91-20-3	Naphthalene	B2200-498	109	109	ug/Kg	U
98-95-3	Nitrobenzene	B2200-498	88.4	88.4	ug/Kg	U
87-86-5	Pentachlorophenol	B2200-498	1710	1710	ug/Kg	U
85-01-8	Phenanthrene	B2200-498	135	**6770**	ug/Kg	

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706163-6

Client Sample ID: TP17 (2-4)
Collected: 06/07/2007 14:20
Matrix: Soil
Type: Grab
% Solid: 95%
Remarks: See Case Narrative
Analyzed Date: 06/19/2007
Preparation Date(s) : 06/16/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
108-95-2	Phenol	B2200-498	1680	1680	ug/Kg	U
129-00-0	Pyrene	B2200-498	87.7	**343**	ug/Kg	J
110-86-1	Pyridine	B2200-498	1070	1070	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	B2200-498	120	120	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	B2200-498	113	113	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	B2200-498	104	104	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	B2200-498	206	206	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	B2200-498	46.6 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	B2200-498	67.3 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	B2200-498	63.7 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	B2200-498	59.4 %	(23 - 120)	
13127-88-3	PHENOL-D6	B2200-498	67.5 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	B2200-498	62.5 %	(18 - 137)	

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706163-8

Client Sample ID: TP18 (0-2)
Collected: 06/07/2007 15:00
Matrix: Soil
Type: Grab
% Solid: 88.4%
Remarks: See Case Narrative
Analyzed Date: 06/19/2007
Preparation Date(s) : 06/16/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	B2200-493	49.8	49.8	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	B2200-493	76.7	76.7	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	B2200-493	75.0	75.0	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	B2200-493	45.2	45.2	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	B2200-493	51.5	51.5	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	B2200-493	116	116	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	B2200-493	49.0	49.0	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	B2200-493	27.9	27.9	ug/Kg	U
120-83-2	2,4-Dichlorophenol	B2200-493	38.3	38.3	ug/Kg	U
105-67-9	2,4-Dimethylphenol	B2200-493	60.7	60.7	ug/Kg	U
51-28-5	2,4-Dinitrophenol	B2200-493	198	198	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	B2200-493	28.5	28.5	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	B2200-493	48.8	48.8	ug/Kg	U
91-58-7	2-Chloronaphthalene	B2200-493	62.2	62.2	ug/Kg	U
95-57-8	2-Chlorophenol	B2200-493	70.7	70.7	ug/Kg	U
91-57-6	2-Methylnaphthalene	B2200-493	41.7	41.7	ug/Kg	U
95-48-7	2-Methylphenol	B2200-493	66.4	66.4	ug/Kg	U
88-74-4	2-Nitroaniline	B2200-493	59.0	59.0	ug/Kg	U
88-75-5	2-Nitrophenol	B2200-493	43.9	43.9	ug/Kg	U
106-44-5	3+4-Methylphenol	B2200-493	61.5	61.5	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	B2200-493	97.3	97.3	ug/Kg	U
99-09-2	3-Nitroaniline	B2200-493	67.3	67.3	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	B2200-493	607	607	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	B2200-493	61.8	61.8	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	B2200-493	83.0	83.0	ug/Kg	U
106-47-8	4-Chloroaniline	B2200-493	83.7	83.7	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	B2200-493	56.9	56.9	ug/Kg	U
100-01-6	4-Nitroaniline	B2200-493	36.2	36.2	ug/Kg	U
100-02-7	4-Nitrophenol	B2200-493	835	835	ug/Kg	U
83-32-9	Acenaphthene	B2200-493	68.6	**377**	ug/Kg	J
208-96-8	Acenaphthylene	B2200-493	67.1	67.1	ug/Kg	U
62-53-3	Aniline	B2200-493	66.6	66.6	ug/Kg	U
120-12-7	Anthracene	B2200-493	73.2	73.2	ug/Kg	U

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706163-8

Client Sample ID: TP18 (0-2)
Collected: 06/07/2007 15:00
Matrix: Soil
Type: Grab
% Solid: 88.4%
Remarks: See Case Narrative
Analyzed Date: 06/19/2007
Preparation Date(s) : 06/16/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
92-87-5	Benzidine	B2200-493	1110	1110	ug/Kg	U
56-55-3	Benzo(a)anthracene	B2200-493	73.9	73.9	ug/Kg	U
50-32-8	Benzo(a)pyrene	B2200-493	64.7	64.7	ug/Kg	U
205-99-2	Benzo(b)fluoranthene	B2200-493	79.9	79.9	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	B2200-493	63.3	63.3	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	B2200-493	75.4	75.4	ug/Kg	U
65-85-0	Benzoic acid	B2200-493	4130	4130	ug/Kg	U
100-51-6	Benzyl alcohol	B2200-493	60.0	60.0	ug/Kg	U
85-68-7	Butyl benzyl phthalate	B2200-493	40.9	40.9	ug/Kg	U
86-74-8	Carbazole	B2200-493	122	122	ug/Kg	U
218-01-9	Chrysene	B2200-493	82.6	82.6	ug/Kg	U
	Cresols	B2200-493	128	128	ug/Kg	U
84-74-2	Di-n-butyl phthalate	B2200-493	46.9	46.9	ug/Kg	U
117-84-0	Di-n-octyl phthalate	B2200-493	73.0	73.0	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	B2200-493	60.7	60.7	ug/Kg	U
132-64-9	Dibenzofuran	B2200-493	68.3	68.3	ug/Kg	U
84-66-2	Diethyl phthalate	B2200-493	47.5	47.5	ug/Kg	U
131-11-3	Dimethyl phthalate	B2200-493	35.4	35.4	ug/Kg	U
206-44-0	Fluoranthene	B2200-493	64.9	64.9	ug/Kg	U
86-73-7	Fluorene	B2200-493	58.1	**454**	ug/Kg	J
118-74-1	Hexachlorobenzene	B2200-493	50.7	50.7	ug/Kg	U
87-68-3	Hexachlorobutadiene	B2200-493	46.4	46.4	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	B2200-493	554	554	ug/Kg	U
67-72-1	Hexachloroethane	B2200-493	88.8	88.8	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	B2200-493	64.5	64.5	ug/Kg	U
78-59-1	Isophorone	B2200-493	54.9	54.9	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	B2200-493	51.5	51.5	ug/Kg	U
62-75-9	N-Nitrosodimethylamine	B2200-493	92.8	92.8	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	B2200-493	63.3	63.3	ug/Kg	U
91-20-3	Naphthalene	B2200-493	58.6	58.6	ug/Kg	U
98-95-3	Nitrobenzene	B2200-493	47.5	47.5	ug/Kg	U
87-86-5	Pentachlorophenol	B2200-493	918	918	ug/Kg	U
85-01-8	Phenanthrene	B2200-493	72.8	**726**	ug/Kg	J

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706163-8

Client Sample ID: TP18 (0-2)
Collected: 06/07/2007 15:00
Matrix: Soil
Type: Grab
% Solid: 88.4%
Remarks: See Case Narrative
Analyzed Date: 06/19/2007
Preparation Date(s) : 06/16/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
108-95-2	Phenol	B2200-493	903	903	ug/Kg	U
129-00-0	Pyrene	B2200-493	47.1	**220**	ug/Kg	J
110-86-1	Pyridine	B2200-493	577	577	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	B2200-493	64.5	64.5	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	B2200-493	60.7	60.7	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	B2200-493	55.6	55.6	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	B2200-493	111	111	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	B2200-493	43.4 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	B2200-493	53.0 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	B2200-493	52.2 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	B2200-493	51.2 %	(23 - 120)	
13127-88-3	PHENOL-D6	B2200-493	58.3 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	B2200-493	51.7 %	(18 - 137)	

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706163-9

Client Sample ID: TP18 (2-4)
Collected: 06/07/2007 15:05
Matrix: Soil
Type: Grab
% Solid: 92.9%
Remarks: See Case Narrative
Analyzed Date: 06/19/2007
Preparation Date(s) : 06/16/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	B2200-490	9.47	9.47	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	B2200-490	14.6	14.6	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	B2200-490	14.3	14.3	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	B2200-490	8.61	8.61	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	B2200-490	9.80	9.80	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	B2200-490	22.0	22.0	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	B2200-490	9.33	9.33	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	B2200-490	5.31	5.31	ug/Kg	U
120-83-2	2,4-Dichlorophenol	B2200-490	7.28	7.28	ug/Kg	U
105-67-9	2,4-Dimethylphenol	B2200-490	11.6	11.6	ug/Kg	U
51-28-5	2,4-Dinitrophenol	B2200-490	37.7	37.7	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	B2200-490	5.42	5.42	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	B2200-490	9.29	9.29	ug/Kg	U
91-58-7	2-Chloronaphthalene	B2200-490	11.8	11.8	ug/Kg	U
95-57-8	2-Chlorophenol	B2200-490	13.5	13.5	ug/Kg	U
91-57-6	2-Methylnaphthalene	B2200-490	7.93	7.93	ug/Kg	U
95-48-7	2-Methylphenol	B2200-490	12.6	12.6	ug/Kg	U
88-74-4	2-Nitroaniline	B2200-490	11.2	11.2	ug/Kg	U
88-75-5	2-Nitrophenol	B2200-490	8.36	8.36	ug/Kg	U
106-44-5	3+4-Methylphenol	B2200-490	11.7	11.7	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	B2200-490	18.5	18.5	ug/Kg	U
99-09-2	3-Nitroaniline	B2200-490	12.8	12.8	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	B2200-490	116	116	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	B2200-490	11.8	11.8	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	B2200-490	15.8	15.8	ug/Kg	U
106-47-8	4-Chloroaniline	B2200-490	15.9	15.9	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	B2200-490	10.8	10.8	ug/Kg	U
100-01-6	4-Nitroaniline	B2200-490	6.89	6.89	ug/Kg	U
100-02-7	4-Nitrophenol	B2200-490	159	159	ug/Kg	U
83-32-9	Acenaphthene	B2200-490	13.1	**46.0**	ug/Kg	J
208-96-8	Acenaphthylene	B2200-490	12.8	12.8	ug/Kg	U
62-53-3	Aniline	B2200-490	12.7	12.7	ug/Kg	U
120-12-7	Anthracene	B2200-490	13.9	13.9	ug/Kg	U

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706163-9

Client Sample ID: TP18 (2-4)
Collected: 06/07/2007 15:05
Matrix: Soil
Type: Grab
% Solid: 92.9%
Remarks: See Case Narrative
Analyzed Date: 06/19/2007
Preparation Date(s) : 06/16/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
92-87-5	Benzidine	B2200-490	212	212	ug/Kg	U
56-55-3	Benzo(a)anthracene	B2200-490	14.1	14.1	ug/Kg	U
50-32-8	Benzo(a)pyrene	B2200-490	12.3	12.3	ug/Kg	U
205-99-2	Benzo(b)fluoranthene	B2200-490	15.2	15.2	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	B2200-490	12.1	12.1	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	B2200-490	14.4	14.4	ug/Kg	U
65-85-0	Benzoic acid	B2200-490	786	786	ug/Kg	U
100-51-6	Benzyl alcohol	B2200-490	11.4	11.4	ug/Kg	U
85-68-7	Butyl benzyl phthalate	B2200-490	7.79	7.79	ug/Kg	U
86-74-8	Carbazole	B2200-490	23.2	23.2	ug/Kg	U
218-01-9	Chrysene	B2200-490	15.7	15.7	ug/Kg	U
	Cresols	B2200-490	24.3	24.3	ug/Kg	U
84-74-2	Di-n-butyl phthalate	B2200-490	8.93	8.93	ug/Kg	U
117-84-0	Di-n-octyl phthalate	B2200-490	13.9	13.9	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	B2200-490	11.6	11.6	ug/Kg	U
132-64-9	Dibenzofuran	B2200-490	13.0	13.0	ug/Kg	U
84-66-2	Diethyl phthalate	B2200-490	9.04	**40.2**	ug/Kg	BJ
131-11-3	Dimethyl phthalate	B2200-490	6.75	6.75	ug/Kg	U
206-44-0	Fluoranthene	B2200-490	12.3	**23.0**	ug/Kg	J
86-73-7	Fluorene	B2200-490	11.1	**20.9**	ug/Kg	J
118-74-1	Hexachlorobenzene	B2200-490	9.65	9.65	ug/Kg	U
87-68-3	Hexachlorobutadiene	B2200-490	8.83	8.83	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	B2200-490	105	105	ug/Kg	U
67-72-1	Hexachloroethane	B2200-490	16.9	16.9	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	B2200-490	12.3	12.3	ug/Kg	U
78-59-1	Isophorone	B2200-490	10.4	10.4	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	B2200-490	9.80	9.80	ug/Kg	U
62-75-9	N-Nitrosodimethylamine	B2200-490	17.7	17.7	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	B2200-490	12.1	12.1	ug/Kg	U
91-20-3	Naphthalene	B2200-490	11.2	11.2	ug/Kg	U
98-95-3	Nitrobenzene	B2200-490	9.04	9.04	ug/Kg	U
87-86-5	Pentachlorophenol	B2200-490	175	175	ug/Kg	U
85-01-8	Phenanthrene	B2200-490	13.9	**58.8**	ug/Kg	J

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706163-9

Client Sample ID: TP18 (2-4)
Collected: 06/07/2007 15:05
Matrix: Soil
Type: Grab
% Solid: 92.9%
Remarks: See Case Narrative
Analyzed Date: 06/19/2007
Preparation Date(s) : 06/16/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
108-95-2	Phenol	B2200-490	172	172	ug/Kg	U
129-00-0	Pyrene	B2200-490	8.97	**16.4**	ug/Kg	J
110-86-1	Pyridine	B2200-490	110	110	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	B2200-490	12.3	12.3	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	B2200-490	11.6	11.6	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	B2200-490	10.6	10.6	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	B2200-490	21.1	21.1	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	B2200-490	41.2 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	B2200-490	47.1 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	B2200-490	50.3 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	B2200-490	48.7 %	(23 - 120)	
13127-88-3	PHENOL-D6	B2200-490	52.5 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	B2200-490	44.1 %	(18 - 137)	

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706163-11

Client Sample ID: FB1 Collected: 06/07/2007 15:15
Matrix: Liquid Type: Grab
Remarks:
Analyzed Date: 06/12/2007
Preparation Date(s) : 06/12/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
120-82-1	1,2,4-Trichlorobenzene	A1693-820	0.33	0.33	ug/L	U
95-50-1	1,2-Dichlorobenzene	A1693-820	0.32	0.32	ug/L	U
122-66-7	1,2-Diphenylhydrazine	A1693-820	0.44	0.44	ug/L	U
541-73-1	1,3-Dichlorobenzene	A1693-820	0.43	0.43	ug/L	U
106-46-7	1,4-Dichlorobenzene	A1693-820	0.32	0.32	ug/L	U
58-90-2	2,3,4,6-Tetrachlorophenol	A1693-820	0.67	0.67	ug/L	U
95-95-4	2,4,5-Trichlorophenol	A1693-820	0.35	0.35	ug/L	U
88-06-2	2,4,6-Trichlorophenol	A1693-820	0.49	0.49	ug/L	U
120-83-2	2,4-Dichlorophenol	A1693-820	0.22	0.22	ug/L	U
105-67-9	2,4-Dimethylphenol	A1693-820	1.20	1.20	ug/L	U
51-28-5	2,4-Dinitrophenol	A1693-820	6.29	6.29	ug/L	U
121-14-2	2,4-Dinitrotoluene	A1693-820	0.44	0.44	ug/L	U
606-20-2	2,6-Dinitrotoluene	A1693-820	0.30	0.30	ug/L	U
91-58-7	2-Chloronaphthalene	A1693-820	0.43	0.43	ug/L	U
95-57-8	2-Chlorophenol	A1693-820	0.28	0.28	ug/L	U
91-57-6	2-Methylnaphthalene	A1693-820	0.31	0.31	ug/L	U
95-48-7	2-Methylphenol	A1693-820	0.36	0.36	ug/L	U
88-74-4	2-Nitroaniline	A1693-820	0.30	0.30	ug/L	U
88-75-5	2-Nitrophenol	A1693-820	0.22	0.22	ug/L	U
106-44-5	3+4-Methylphenol	A1693-820	0.47	0.47	ug/L	U
91-94-1	3,3'-Dichlorobenzidine	A1693-820	1.41	1.41	ug/L	U
99-09-2	3-Nitroaniline	A1693-820	0.54	0.54	ug/L	U
534-52-1	4,6-Dinitro-2-methylphenol	A1693-820	0.30	0.30	ug/L	U
101-55-3	4-Bromophenyl phenyl ether	A1693-820	0.59	0.59	ug/L	U
59-50-7	4-Chloro-3-methylphenol	A1693-820	0.25	0.25	ug/L	U
106-47-8	4-Chloroaniline	A1693-820	1.06	1.06	ug/L	U
7005-72-3	4-Chlorophenyl phenyl ether	A1693-820	0.45	0.45	ug/L	U
100-01-6	4-Nitroaniline	A1693-820	0.45	0.45	ug/L	U
100-02-7	4-Nitrophenol	A1693-820	0.27	0.27	ug/L	U
83-32-9	Acenaphthene	A1693-820	0.34	0.34	ug/L	U
208-96-8	Acenaphthylene	A1693-820	0.37	0.37	ug/L	U
62-53-3	Aniline	A1693-820	0.67	0.67	ug/L	U
120-12-7	Anthracene	A1693-820	0.58	0.58	ug/L	U

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706163-11
Client Sample ID: FB1
Collected: 06/07/2007 15:15
Matrix: Liquid
Type: Grab
Remarks:
Analyzed Date: 06/12/2007
Preparation Date(s) : 06/12/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
92-87-5	Benzidine	A1693-820	21.8	21.8	ug/L	U
56-55-3	Benzo(a)anthracene	A1693-820	0.90	0.90	ug/L	U
50-32-8	Benzo(a)pyrene	A1693-820	1.01	1.01	ug/L	U
205-99-2	Benzo(b)fluoranthene	A1693-820	0.94	0.94	ug/L	U
191-24-2	Benzo(g,h,i)perylene	A1693-820	0.84	0.84	ug/L	U
207-08-9	Benzo(k)fluoranthene	A1693-820	1.01	1.01	ug/L	U
65-85-0	Benzoic acid	A1693-820	2.14	2.14	ug/L	U
100-51-6	Benzyl alcohol	A1693-820	0.26	0.26	ug/L	U
85-68-7	Butyl benzyl phthalate	A1693-820	0.99	0.99	ug/L	U
86-74-8	Carbazole	A1693-820	0.87	0.87	ug/L	U
218-01-9	Chrysene	A1693-820	0.90	0.90	ug/L	U
	Cresols	A1693-820	0.83	0.83	ug/L	U
84-74-2	Di-n-butyl phthalate	A1693-820	0.94	0.94	ug/L	U
117-84-0	Di-n-octyl phthalate	A1693-820	1.01	1.01	ug/L	U
53-70-3	Dibenz(a,h)anthracene	A1693-820	0.81	0.81	ug/L	U
132-64-9	Dibenzofuran	A1693-820	0.27	0.27	ug/L	U
84-66-2	Diethyl phthalate	A1693-820	0.83	0.83	ug/L	U
131-11-3	Dimethyl phthalate	A1693-820	0.41	0.41	ug/L	U
206-44-0	Fluoranthene	A1693-820	0.79	0.79	ug/L	U
86-73-7	Fluorene	A1693-820	0.43	0.43	ug/L	U
118-74-1	Hexachlorobenzene	A1693-820	0.57	0.57	ug/L	U
87-68-3	Hexachlorobutadiene	A1693-820	0.39	0.39	ug/L	U
77-47-4	Hexachlorocyclopentadiene	A1693-820	0.41	0.41	ug/L	U
67-72-1	Hexachloroethane	A1693-820	0.47	0.47	ug/L	U
193-39-5	Indeno(1,2,3-cd)pyrene	A1693-820	0.79	0.79	ug/L	U
78-59-1	Isophorone	A1693-820	0.33	0.33	ug/L	U
621-64-7	N-Nitrosodi-n-propylamine	A1693-820	0.29	0.29	ug/L	U
62-75-9	N-Nitrosodimethylamine	A1693-820	0.30	0.30	ug/L	U
86-30-6	N-Nitrosodiphenylamine	A1693-820	0.48	0.48	ug/L	U
91-20-3	Naphthalene	A1693-820	0.40	0.40	ug/L	U
98-95-3	Nitrobenzene	A1693-820	0.25	0.25	ug/L	U
87-86-5	Pentachlorophenol	A1693-820	0.55	0.55	ug/L	U
85-01-8	Phenanthrene	A1693-820	0.57	0.57	ug/L	U

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706163-11

Client Sample ID: FB1 Collected: 06/07/2007 15:15
Matrix: Liquid Type: Grab
Remarks:
Analyzed Date: 06/12/2007
Preparation Date(s) : 06/12/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
108-95-2	Phenol	A1693-820	0.14	0.14	ug/L	U
129-00-0	Pyrene	A1693-820	0.79	0.79	ug/L	U
110-86-1	Pyridine	A1693-820	2.02	2.02	ug/L	U
111-91-1	bis(2-Chloroethoxy)methane	A1693-820	0.26	0.26	ug/L	U
111-44-4	bis(2-Chloroethyl)ether	A1693-820	0.30	0.30	ug/L	U
108-60-1	bis(2-Chloroisopropyl)ether	A1693-820	0.43	0.43	ug/L	U
117-81-7	bis(2-Ethylhexyl)phthalate	A1693-820	1.43	1.43	ug/L	U

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	A1693-820	60.4 %	(10 - 123)	
321-60-8	2-FLUOROBIPHENYL	A1693-820	53.9 %	(43 - 116)	
367-12-4	2-FLUOROPHENOL	A1693-820	36.5 %	(21 - 110)	
4165-60-0	NITROBENZENE-D5	A1693-820	62.4 %	(35 - 114)	
13127-88-3	PHENOL-D6	A1693-820	23.1 %	(10 - 110)	
1718-51-0	TERPHENYL-D14	A1693-820	74.9 %	(33 - 141)	

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05/22/2008

TPH - Method 8015B

Sample: 0706163-2

Client Sample ID: TP16 (0-2)
Matrix: Soil
Remarks:
Analyzed Date: 06/16/2007
Preparation Date(s) : 06/14/2007

Type: Grab

Collected: 06/07/2007 13:45
% Solid: 90.1%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Diesel Range Organics	H593-36	13.3	13.3	mg/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	H593-36	52.8 %	(30 - 150)	

Sample: 0706163-3

Client Sample ID: TP16 (2-4)
Matrix: Soil
Remarks:
Analyzed Date: 06/16/2007
Preparation Date(s) : 06/14/2007

Type: Grab

Collected: 06/07/2007 13:50
% Solid: 95.9%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Diesel Range Organics	H593-37	12.5	**295**	mg/Kg	

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	H593-37	56.7 %	(30 - 150)	

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05/22/2008

TPH - Method 8015B

Sample: 0706163-5

Client Sample ID: TP17 (0-2)
Matrix: Soil
Remarks:
Analyzed Date: 06/16/2007
Preparation Date(s) : 06/14/2007

Type: Grab

Collected: 06/07/2007 14:15
% Solid: 90.3%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Diesel Range Organics	H593-38	13.3	**241**	mg/Kg	

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	H593-38	63.6 %	(30 - 150)	

Sample: 0706163-6

Client Sample ID: TP17 (2-4)
Matrix: Soil
Remarks:
Analyzed Date: 06/16/2007
Preparation Date(s) : 06/14/2007

Type: Grab

Collected: 06/07/2007 14:20
% Solid: 95%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Diesel Range Organics	H593-39	12.6	**6960**	mg/Kg	

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	H593-39	72.0 %	(30 - 150)	

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05/22/2008

TPH - Method 8015B

Sample: 0706163-8

Client Sample ID: TP18 (0-2)
Matrix: Soil
Remarks:
Analyzed Date: 06/16/2007
Preparation Date(s) : 06/14/2007

Type: Grab

Collected: 06/07/2007 15:00
% Solid: 88.4%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Diesel Range Organics	H593-42	13.6	**3930**	mg/Kg	

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	H593-42	62.2 %	(30 - 150)	

Sample: 0706163-9

Client Sample ID: TP18 (2-4)
Matrix: Soil
Remarks:
Analyzed Date: 06/16/2007
Preparation Date(s) : 06/14/2007

Type: Grab

Collected: 06/07/2007 15:05
% Solid: 92.9%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Diesel Range Organics	H593-43	12.9	**161**	mg/Kg	

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	H593-43	53.4 %	(30 - 150)	

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05/22/2008

Gasoline Range Organics - EPA 8015B

Sample: 0706163-2
Client Sample ID: TP16 (0-2)
Matrix: Soil
Type: Grab
Collected: 06/07/2007 13:45
% Solid: 90.1%
Remarks:
Analyzed Date: 06/14/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Gasoline Range Organics	M273-99	0.48	**47.1**	mg/Kg	

* Results are reported on a dry weight basis

Sample: 0706163-3
Client Sample ID: TP16 (2-4)
Matrix: Soil
Type: Grab
Collected: 06/07/2007 13:50
% Solid: 95.9%
Remarks:
Analyzed Date: 06/14/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Gasoline Range Organics	M273-100	0.45	**146**	mg/Kg	

* Results are reported on a dry weight basis

Sample: 0706163-5
Client Sample ID: TP17 (0-2)
Matrix: Soil
Type: Grab
Collected: 06/07/2007 14:15
% Solid: 90.3%
Remarks:
Analyzed Date: 06/14/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Gasoline Range Organics	M273-101	0.48	**432**	mg/Kg	E

* Results are reported on a dry weight basis

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05/22/2008

Gasoline Range Organics - EPA 8015B

Sample: 0706163-6
Client Sample ID: TP17 (2-4)
Matrix: Soil
Type: Grab
Collected: 06/07/2007 14:20
% Solid: 95%
Remarks:
Analyzed Date: 06/14/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Gasoline Range Organics	M273-102	1.83	**585**	mg/Kg	

* Results are reported on a dry weight basis

Sample: 0706163-8
Client Sample ID: TP18 (0-2)
Matrix: Soil
Type: Grab
Collected: 06/07/2007 15:00
% Solid: 88.4%
Remarks:
Analyzed Date: 06/14/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Gasoline Range Organics	M273-103	1.97	**319**	mg/Kg	

* Results are reported on a dry weight basis

Sample: 0706163-9
Client Sample ID: TP18 (2-4)
Matrix: Soil
Type: Grab
Collected: 06/07/2007 15:05
% Solid: 92.9%
Remarks:
Analyzed Date: 06/14/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Gasoline Range Organics	M273-104	0.47	**31.2**	mg/Kg	

* Results are reported on a dry weight basis

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05/22/2008

Case Narrative

EPA 8260 VOLATILE ANALYSIS:

The following compounds were calibrated at 25, 50, 100,
150 and 200 ppb levels in the initial calibration curve:
Acetone
2-Butanone
4-Methyl-2-pentanone
2-Hexanone

M&P-Xylenes and 2-Chloroethylvinylether were calibrated at 10, 40, 100, 200 and
300 ppb levels.
Acrolein/Acrylonitrile were calibrated at 50,100,150,200 and 250 ppb levels.
Tert Butyl Alcohol (TBA) was calibrated at 50,200,500,1000 and 1500 ppb levels.

All other compounds were calibrated at 5, 20, 50, 100 and 150 ppb levels.

EPA 8270 SEMI-VOLATILE ANALYSIS:

Diethylphthalate, which was found in the blank associated with these samples at 156ppb, is a common laboratory contaminant.

Samples 5,6,8: These samples were analyzed at the following dilutions respectively: 1:2, 1:10 and 1:5 due to high concentrations of non-target hydrocarbon interference.

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05/22/2008

Case Narrative

GASOLINE RANGE ORGANICS

GC-SV

INTRODUCTION
Samples were analyzed in accordance with protocols based on SW846 Methodologies.

The sample information is as follows:

COC#: 0706163

HOLDING TIMES

Analytical holding time for this analysis was met.

SAMPLE COMMENTS

Samples were analyzed as per the requested protocols. No analytical problems were encountered.

All required QA/QC parameters met acceptable limits unless otherwise noted.

CALIBRATION

Initial calibration was performed in accordance with the Method.

A six point calibration curve was performed, utilizing the following concentrations: 25, 100, 500, 2000, 4000, and 8000 ppb.

Results were quantitated using linear regression initial calibration.

CALIBRATION VERIFICATIONS

The calibration verification check standards were performed in accordance with the Method.

A GRO check standard was analyzed: at the beginning and at the end of each anaytical sequence at a concentration of 2000 ppb.

BLANKS

The Method Blanks associated with these samples did not contain any target compounds.

The Instrument Blanks associated with these samples did not contain any target compounds.

MATRIX SPIKES

Sample 0706163-2 was utilized for the Matrix Spike and Matrix Spike Duplicate analyses. Spike recoveries were within QC limits.
%RPDs did not meet QC limits.

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05/22/2008

Case Narrative

VOLATILES ANALYSIS
GCMS-V

INTRODUCTION

Samples were analyzed in accordance with protocols based on SW846 Methodologies, using accepted QA/QC procedures.
All required QA/QC parameters met acceptable limits unless otherwise noted.

HOLDING TIME INFORMATION

All analyses were performed within required holding times.

SURROGATE RECOVERY INFORMATION

All surrogate recoveries met QC criteria.

MATRIX SPIKE BLANK

The spike recoveries for the matrix spike blank were within QC limits.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE

Sample 0706163-3 was utilized for the MS/MSD analyses. All spike recoveries and all RPDs were within QC limits.

METHOD BLANK

The method blank associated with these samples did not contain any target compounds at or above QC limits.

TUNE PERFORMANCE

All Tune (BFB) specifications met QC criteria.

CALIBRATION INFORMATION

Initial Calibration: All required minimum RRFs and maximum % RSD requirements have been met in accordance with the Method.
The following compounds were calibrated at 25, 50, 100,
150 and 200 ppb levels in the initial calibration curve:
Acetone
2-Butanone
4-Methyl-2-pentanone
2-Hexanone

M&P-Xylenes and 2-Chloroethylvinylether were calibrated at 10, 40, 100, 200 and
300 ppb levels.
ylonitrile were calibrated at 50,100,150,200 and 250 ppb levels.

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05/22/2008

Case Narrative

Tert Butyl Alcohol (TBA) was calibrated at 50,200,500,1000 and 1500 ppb levels.

All other compounds were calibrated at 5, 20, 50, 100 and 150 ppb levels.

Continuing Calibration: All required minimum RRFs and maximum %D requirements have been met in accordance with the Method.

Samples were quantitated using the initial calibration average response factor.

INTERNAL STANDARDS

All area responses and retention times fell within acceptable ranges.

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05/22/2008

Case Narrative

SEMIVOLATILES ANALYSIS
GCMS-SV

INTRODUCTION

Samples were analyzed in accordance with protocols based on SW846 Methodologies, using accepted QA/QC procedures.
All required QA/QC parameters met acceptable limits unless otherwise noted.

HOLDING TIME INFORMATION

All analyses were performed within required holding times.

SAMPLE INFORMATION

Samples 5,6,8: These samples were analyzed at the following dilutions respectively: 1:2, 1:10 and 1:5 due to high concentrations of non-target hydrocarbon interference.

SURROGATE RECOVERY INFORMATION

All surrogate recoveries met QC criteria.

MATRIX SPIKE BLANK

The spike recoveries for the matrix spike blank were within QC limits.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE

Matrix spikes were not designated to be performed on any of the samples in this report package. Batch QC was utilized.

METHOD BLANK

Bis(2-Ethylhexyl)phthalate and Diethylphthalate a common laboratory contaminants, were detected in method blank SBLK-31at a concentration of 9.9ppb and 154ppb respectively.

TUNE PERFORMANCE

All Tune (DFTPP) specifications met QC criteria.

CALIBRATION INFORMATION

Initial Calibration: All required minimum RRFs and maximum % RSD requirements have been met in accordance with the Method.

Results were quantitated using initial calibration average of response factors.

Continuing Calibration: All required minimum RRFs and maximum %D requirements have been met in accordance with the Method.

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05/22/2008

Case Narrative

INTERNAL STANDARDS

All area responses and retention times fell within acceptable ranges.

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05/22/2008

Case Narrative

Method 8100 Modified

GC-SV

INTRODUCTION
Samples were analyzed in accordance with protocols based on SW846 Methodologies.

The sample information is as follows:

COC#: 0706163

HOLDING TIMES

The extraction and analytical holding times for this analysis were met.
Samples were extracted using 3545 Method (pressurized liquid extraction).

SURROGATE RECOVERY INFORMATION

All surrogate recoveries met QC criteria.

CALIBRATION

Initial calibration was performed in accordance with the Method.

A six point calibration curve was performed, utilizing the following concentrations: 100, 1000, 5000, 10000, 50000, and 100000 ppm.
Fuel # 2 was used as a calibration standard.

Results were quantitated using linear regression initial calibration.

CALIBRATION VERIFICATIONS

The calibration verification check standards were performed in accordance with the Method.

A DRO calibration check standard was analyzed: at the beginning and at the end of each anaytical sequence at a concentration of 10000 ppm.

BLANKS

The Method Blanks associated with these samples did not contain any target compounds.

The Instrument Blanks associated with these samples did not contain any target compounds.

MATRIX SPIKE BLANKS

A Matrix Spike Blank was extracted and analyzed with the samples. All spike recoveries for the MSB met QC criteria.

MATRIX SPIKES

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05/22/2008

Case Narrative

Sample 0706163-6 was utilized for the Matrix Spike and Matrix Spike Duplicate analyses. Spike recoveries and all %RPDs were outside QC limits.

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05/22/2008

ORGANIC METHOD QUALIFIERS

Q - Qualifier - specified entries and their meanings are as follows:

U - The analytical result is not detected above the Method Detection Limit (MDL). All MDL's are lower than the lowest calibration standard concentration.

J - Indicates an estimated value. The concentration reported was between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL).

B - The analyte was found in the associated method blank as well as the sample. It indicates possible/probable blank contamination and warns the data user to take appropriate action.

E - The concentration of the analyte exceeded the calibration range of the instrument.

D - This flag indicates a system monitoring compound diluted out.

INORGANIC METHOD QUALIFIERS

C - (Concentration) qualifiers are as follows:

B - Entered if the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL) but greater than or equal to the Instrument Detection Limit (IDL).

U - Entered when the analyte was analyzed for, but not detected above the Method Detection Limit (MDL) which is less than the lowest calibration standard concentration.

Q - Qualifier specific entries and their meanings are as follows:

E - Reported value is estimated because of the presence of interferences.

M - (Method) qualifiers are as follows:

A - Flame AA
AS - Semi-automated Spectrophotometric
AV - Automated Cold Vapor AA
C - Manual Spectrophotometric
F - Furnace AA
P - ICP
T - Titrimetric

OTHER QUALIFIERS

ND - Not Detected

Environmental Testing Laboratories, Inc.
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05/22/2008

Laboratory Identifier: 0706162
Received: 06/07/2007 17:30

Client: Blue Water
1610 New Highway
Farmingdale,
NY 11735

Project: Island Park Pilot Study
7 Washington Ave
Island Park,
NY 11558

Manager: Kim Simone/Ellis Kotch

Respectfully submitted,

Technical Director

NYS Lab ID # 10969
NJ Cert. # 73812
CT Cert. # PH0645
MA Cert. # NY061
NH Cert. # 252592-BA

Environmental Testing Laboratories, Inc.
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Phone - 631-249-1456 Fax - 631-249-8344

05/22/2008

Volatiles - EPA 8260B

Sample: 0706162-1

Client Sample ID: TP12 (0-2)
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 06/11/2007

Type: Grab

Collected: 06/07/2007 12:00
% Solid: 92.4%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
67-64-1	Acetone	B2372-9713	5.46	5.46	ug/Kg	U
56-23-5	Carbon Tetrachloride	B2372-9713	0.62	0.62	ug/Kg	U
67-66-3	Chloroform	B2372-9713	0.51	0.51	ug/Kg	U
71-43-2	Benzene	B2372-9713	0.54	0.54	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	B2372-9713	0.54	0.54	ug/Kg	U
74-83-9	Bromomethane	B2372-9713	0.56	0.56	ug/Kg	U
74-87-3	Chloromethane	B2372-9713	0.42	0.42	ug/Kg	U
74-95-3	Dibromomethane	B2372-9713	0.54	0.54	ug/Kg	U
74-97-5	Bromochloromethane	B2372-9713	1.08	1.08	ug/Kg	U
75-00-3	Chloroethane	B2372-9713	1.37	1.37	ug/Kg	U
75-01-4	Vinyl Chloride	B2372-9713	0.64	0.64	ug/Kg	U
75-09-2	Methylene Chloride	B2372-9713	0.92	**1.95**	ug/Kg	J
75-15-0	Carbon disulfide	B2372-9713	1.35	1.35	ug/Kg	U
75-25-2	Bromoform	B2372-9713	1.22	1.22	ug/Kg	U
75-27-4	Bromodichloromethane	B2372-9713	0.46	0.46	ug/Kg	U
75-34-3	1,1-Dichloroethane	B2372-9713	0.48	0.48	ug/Kg	U
75-35-4	1,1-Dichloroethene	B2372-9713	0.75	0.75	ug/Kg	U
75-45-6	Chlorodifluoromethane	B2372-9713	0.70	0.70	ug/Kg	U
75-65-0	Tertiary butyl alcohol	B2372-9713	18.8	18.8	ug/Kg	U
75-69-4	Trichlorofluoromethane	B2372-9713	0.69	0.69	ug/Kg	U
75-71-8	Dichlorodifluoromethane	B2372-9713	0.57	0.57	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	B2372-9713	0.80	0.80	ug/Kg	U
78-87-5	1,2-Dichloropropane	B2372-9713	0.41	0.41	ug/Kg	U
78-93-3	2-Butanone	B2372-9713	3.41	3.41	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	B2372-9713	0.95	0.95	ug/Kg	U
79-01-6	Trichloroethene	B2372-9713	0.39	0.39	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	B2372-9713	1.54	1.54	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	B2372-9713	1.11	1.11	ug/Kg	U
87-68-3	Hexachlorobutadiene	B2372-9713	1.07	1.07	ug/Kg	U
91-20-3	Naphthalene	B2372-9713	1.32	1.32	ug/Kg	U
95-47-6	o-xylene	B2372-9713	0.81	0.81	ug/Kg	U
95-49-8	2-Chlorotoluene	B2372-9713	0.96	0.96	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	B2372-9713	1.27	1.27	ug/Kg	U

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706162-1
Client Sample ID: TP12 (0-2)
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 06/11/2007

Type: Grab

Collected: 06/07/2007 12:00
% Solid: 92.4%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
95-63-6	1,2,4-Trimethylbenzene	B2372-9713	1.02	1.02	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	B2372-9713	1.18	**1.73**	ug/Kg	J
96-12-8	1,2-Dibromo-3-chloropropane	B2372-9713	2.47	2.47	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	B2372-9713	2.17	2.17	ug/Kg	U
98-06-6	tert-Butylbenzene	B2372-9713	1.04	1.04	ug/Kg	U
98-82-8	Isopropylbenzene	B2372-9713	0.68	0.68	ug/Kg	U
99-87-6	4-Isopropyltoluene	B2372-9713	0.85	0.85	ug/Kg	U
100-41-4	Ethylbenzene	B2372-9713	0.46	0.46	ug/Kg	U
100-42-5	Styrene	B2372-9713	0.80	0.80	ug/Kg	U
103-65-1	n-Propylbenzene	B2372-9713	0.78	0.78	ug/Kg	U
104-51-8	n-Butylbenzene	B2372-9713	0.96	0.96	ug/Kg	U
105-05-5	p-Diethylbenzene	B2372-9713	1.07	1.07	ug/Kg	U
106-43-4	4-Chlorotoluene	B2372-9713	1.06	1.06	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	B2372-9713	1.11	1.11	ug/Kg	U
106-93-4	1,2-Dibromoethane	B2372-9713	0.80	0.80	ug/Kg	U
107-06-2	1,2-Dichloroethane	B2372-9713	0.62	0.62	ug/Kg	U
107-13-1	Acrylonitrile	B2372-9713	6.62	6.62	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	B2372-9713	2.10	2.10	ug/Kg	U
108-38-3	m,p-xylene	B2372-9713	1.08	**1.27**	ug/Kg	J
108-67-8	1,3,5-Trimethylbenzene	B2372-9713	0.89	0.89	ug/Kg	U
108-86-1	Bromobenzene	B2372-9713	0.87	0.87	ug/Kg	U
108-88-3	Toluene	B2372-9713	0.41	0.41	ug/Kg	U
108-90-7	Chlorobenzene	B2372-9713	0.55	0.55	ug/Kg	U
110-75-8	2-Chloroethylvinylether	B2372-9713	3.66	3.66	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	B2372-9713	1.08	1.08	ug/Kg	U
124-48-1	Dibromochloromethane	B2372-9713	0.78	0.78	ug/Kg	U
127-18-4	Tetrachloroethene	B2372-9713	0.63	0.63	ug/Kg	U
135-98-8	sec-Butylbenzene	B2372-9713	0.90	0.90	ug/Kg	U
142-28-9	1,3-Dichloropropane	B2372-9713	0.58	0.58	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	B2372-9713	0.58	0.58	ug/Kg	U
156-60-5	t-1,2-Dichloroethene	B2372-9713	0.45	0.45	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	B2372-9713	1.07	1.07	ug/Kg	U
563-58-6	1,1-Dichloropropene	B2372-9713	1.13	1.13	ug/Kg	U

Environmental Testing Laboratories, Inc.
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Phone - 631-249-1456 Fax - 631-249-8344

05/22/2008

Volatiles - EPA 8260B

Sample: 0706162-1

Client Sample ID: TP12 (0-2)
Matrix: Soil
Type: Grab
Remarks: See Case Narrative
Analyzed Date: 06/11/2007

Collected: 06/07/2007 12:00
% Solid: 92.4%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
590-20-7	2,2-Dichloropropane	B2372-9713	0.83	0.83	ug/Kg	U
591-78-6	2-Hexanone	B2372-9713	1.88	1.88	ug/Kg	U
622-96-8	p-Ethyltoluene	B2372-9713	0.99	0.99	ug/Kg	U
630-20-6	1,1,1,2-Tetrachloroethane	B2372-9713	0.85	0.85	ug/Kg	U
994-05-8	TAME	B2372-9713	2.27	2.27	ug/Kg	U
1634-04-4	Methyl t-butyl ether	B2372-9713	0.54	0.54	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	B2372-9713	0.53	0.53	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	B2372-9713	0.53	0.53	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	B2372-9713	104.0 %	(68 - 120)	
460-00-4	4-BROMOFLUOROBENZENE	B2372-9713	103.0 %	(80 - 110)	
4774-33-8	DIBROMOFLUOROMETHANE	B2372-9713	97.9 %	(68 - 156)	
2037-26-5	TOLUENE-D8	B2372-9713	100.0 %	(87 - 113)	

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706162-2
Client Sample ID: TP12 (2-4)
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 06/11/2007

Type: Grab

Collected: 06/07/2007 12:05
% Solid: 80.3%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
67-64-1	Acetone	B2372-9714	6.32	**66.2**	ug/Kg	
56-23-5	Carbon Tetrachloride	B2372-9714	0.71	0.71	ug/Kg	U
67-66-3	Chloroform	B2372-9714	0.59	0.59	ug/Kg	U
71-43-2	Benzene	B2372-9714	0.63	0.63	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	B2372-9714	0.63	0.63	ug/Kg	U
74-83-9	Bromomethane	B2372-9714	0.65	0.65	ug/Kg	U
74-87-3	Chloromethane	B2372-9714	0.49	0.49	ug/Kg	U
74-95-3	Dibromomethane	B2372-9714	0.63	0.63	ug/Kg	U
74-97-5	Bromochloromethane	B2372-9714	1.25	1.25	ug/Kg	U
75-00-3	Chloroethane	B2372-9714	1.59	1.59	ug/Kg	U
75-01-4	Vinyl Chloride	B2372-9714	0.74	0.74	ug/Kg	U
75-09-2	Methylene Chloride	B2372-9714	1.06	**2.75**	ug/Kg	J
75-15-0	Carbon disulfide	B2372-9714	1.56	**10.4**	ug/Kg	
75-25-2	Bromoform	B2372-9714	1.41	1.41	ug/Kg	U
75-27-4	Bromodichloromethane	B2372-9714	0.54	0.54	ug/Kg	U
75-34-3	1,1-Dichloroethane	B2372-9714	0.55	0.55	ug/Kg	U
75-35-4	1,1-Dichloroethene	B2372-9714	0.86	0.86	ug/Kg	U
75-45-6	Chlorodifluoromethane	B2372-9714	0.81	0.81	ug/Kg	U
75-65-0	Tertiary butyl alcohol	B2372-9714	21.8	21.8	ug/Kg	U
75-69-4	Trichlorofluoromethane	B2372-9714	0.80	0.80	ug/Kg	U
75-71-8	Dichlorodifluoromethane	B2372-9714	0.66	0.66	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	B2372-9714	0.93	0.93	ug/Kg	U
78-87-5	1,2-Dichloropropane	B2372-9714	0.47	0.47	ug/Kg	U
78-93-3	2-Butanone	B2372-9714	3.95	**14.3**	ug/Kg	J
79-00-5	1,1,2-Trichloroethane	B2372-9714	1.10	1.10	ug/Kg	U
79-01-6	Trichloroethene	B2372-9714	0.45	0.45	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	B2372-9714	1.79	1.79	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	B2372-9714	1.29	1.29	ug/Kg	U
87-68-3	Hexachlorobutadiene	B2372-9714	1.24	1.24	ug/Kg	U
91-20-3	Naphthalene	B2372-9714	1.52	1.52	ug/Kg	U
95-47-6	o-xylene	B2372-9714	0.94	0.94	ug/Kg	U
95-49-8	2-Chlorotoluene	B2372-9714	1.11	1.11	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	B2372-9714	1.48	1.48	ug/Kg	U

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

05/22/2008

Volatiles - EPA 8260B

Sample: 0706162-2
Client Sample ID: TP12 (2-4)
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 06/11/2007

Type: Grab

Collected: 06/07/2007 12:05
% Solid: 80.3%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
95-63-6	1,2,4-Trimethylbenzene	B2372-9714	1.17	1.17	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	B2372-9714	1.36	**14.6**	ug/Kg	
96-12-8	1,2-Dibromo-3-chloropropane	B2372-9714	2.86	2.86	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	B2372-9714	2.51	2.51	ug/Kg	U
98-06-6	tert-Butylbenzene	B2372-9714	1.20	1.20	ug/Kg	U
98-82-8	Isopropylbenzene	B2372-9714	0.79	**4.10**	ug/Kg	J
99-87-6	4-Isopropyltoluene	B2372-9714	0.99	0.99	ug/Kg	U
100-41-4	Ethylbenzene	B2372-9714	0.54	0.54	ug/Kg	U
100-42-5	Styrene	B2372-9714	0.93	0.93	ug/Kg	U
103-65-1	n-Propylbenzene	B2372-9714	0.90	**3.26**	ug/Kg	J
104-51-8	n-Butylbenzene	B2372-9714	1.11	1.11	ug/Kg	U
105-05-5	p-Diethylbenzene	B2372-9714	1.24	**3.60**	ug/Kg	J
106-43-4	4-Chlorotoluene	B2372-9714	1.23	1.23	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	B2372-9714	1.29	1.29	ug/Kg	U
106-93-4	1,2-Dibromoethane	B2372-9714	0.93	0.93	ug/Kg	U
107-06-2	1,2-Dichloroethane	B2372-9714	0.71	0.71	ug/Kg	U
107-13-1	Acrylonitrile	B2372-9714	7.66	7.66	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	B2372-9714	2.42	2.42	ug/Kg	U
108-38-3	m,p-xylene	B2372-9714	1.25	**1.53**	ug/Kg	J
108-67-8	1,3,5-Trimethylbenzene	B2372-9714	1.02	1.02	ug/Kg	U
108-86-1	Bromobenzene	B2372-9714	1.01	1.01	ug/Kg	U
108-88-3	Toluene	B2372-9714	0.47	0.47	ug/Kg	U
108-90-7	Chlorobenzene	B2372-9714	0.64	0.64	ug/Kg	U
110-75-8	2-Chloroethylvinylether	B2372-9714	4.24	4.24	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	B2372-9714	1.25	1.25	ug/Kg	U
124-48-1	Dibromochloromethane	B2372-9714	0.90	0.90	ug/Kg	U
127-18-4	Tetrachloroethene	B2372-9714	0.73	0.73	ug/Kg	U
135-98-8	sec-Butylbenzene	B2372-9714	1.04	**3.37**	ug/Kg	J
142-28-9	1,3-Dichloropropane	B2372-9714	0.68	0.68	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	B2372-9714	0.68	0.68	ug/Kg	U
156-60-5	t-1,2-Dichloroethene	B2372-9714	0.52	0.52	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	B2372-9714	1.24	1.24	ug/Kg	U
563-58-6	1,1-Dichloropropene	B2372-9714	1.31	1.31	ug/Kg	U

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706162-2
Client Sample ID: TP12 (2-4)
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 06/11/2007

Type: Grab

Collected: 06/07/2007 12:05
% Solid: 80.3%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
590-20-7	2,2-Dichloropropane	B2372-9714	0.96	0.96	ug/Kg	U
591-78-6	2-Hexanone	B2372-9714	2.17	2.17	ug/Kg	U
622-96-8	p-Ethyltoluene	B2372-9714	1.15	1.15	ug/Kg	U
630-20-6	1,1,1,2-Tetrachloroethane	B2372-9714	0.99	0.99	ug/Kg	U
994-05-8	TAME	B2372-9714	2.63	2.63	ug/Kg	U
1634-04-4	Methyl t-butyl ether	B2372-9714	0.63	0.63	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	B2372-9714	0.61	0.61	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	B2372-9714	0.61	0.61	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	B2372-9714	104.0 %	(68 - 120)	
460-00-4	4-BROMOFLUOROBENZENE	B2372-9714	103.0 %	(80 - 110)	
4774-33-8	DIBROMOFLUOROMETHANE	B2372-9714	98.1 %	(68 - 156)	
2037-26-5	TOLUENE-D8	B2372-9714	97.7 %	(87 - 113)	

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706162-4
Client Sample ID: TP13 (0-2)
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 06/11/2007

Type: Grab

Collected: 06/07/2007 12:24
% Solid: 90.2%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
67-64-1	Acetone	B2372-9715	5.62	**12.7**	ug/Kg	J
56-23-5	Carbon Tetrachloride	B2372-9715	0.63	0.63	ug/Kg	U
67-66-3	Chloroform	B2372-9715	0.52	0.52	ug/Kg	U
71-43-2	Benzene	B2372-9715	0.56	0.56	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	B2372-9715	0.56	0.56	ug/Kg	U
74-83-9	Bromomethane	B2372-9715	0.58	0.58	ug/Kg	U
74-87-3	Chloromethane	B2372-9715	0.43	0.43	ug/Kg	U
74-95-3	Dibromomethane	B2372-9715	0.56	0.56	ug/Kg	U
74-97-5	Bromochloromethane	B2372-9715	1.11	1.11	ug/Kg	U
75-00-3	Chloroethane	B2372-9715	1.41	1.41	ug/Kg	U
75-01-4	Vinyl Chloride	B2372-9715	0.65	0.65	ug/Kg	U
75-09-2	Methylene Chloride	B2372-9715	0.94	**1.27**	ug/Kg	J
75-15-0	Carbon disulfide	B2372-9715	1.39	1.39	ug/Kg	U
75-25-2	Bromoform	B2372-9715	1.25	1.25	ug/Kg	U
75-27-4	Bromodichloromethane	B2372-9715	0.48	0.48	ug/Kg	U
75-34-3	1,1-Dichloroethane	B2372-9715	0.49	0.49	ug/Kg	U
75-35-4	1,1-Dichloroethene	B2372-9715	0.77	0.77	ug/Kg	U
75-45-6	Chlorodifluoromethane	B2372-9715	0.72	0.72	ug/Kg	U
75-65-0	Tertiary butyl alcohol	B2372-9715	19.3	19.3	ug/Kg	U
75-69-4	Trichlorofluoromethane	B2372-9715	0.71	0.71	ug/Kg	U
75-71-8	Dichlorodifluoromethane	B2372-9715	0.59	0.59	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	B2372-9715	0.82	0.82	ug/Kg	U
78-87-5	1,2-Dichloropropane	B2372-9715	0.42	0.42	ug/Kg	U
78-93-3	2-Butanone	B2372-9715	3.51	3.51	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	B2372-9715	0.98	0.98	ug/Kg	U
79-01-6	Trichloroethene	B2372-9715	0.40	0.40	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	B2372-9715	1.59	1.59	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	B2372-9715	1.14	1.14	ug/Kg	U
87-68-3	Hexachlorobutadiene	B2372-9715	1.10	1.10	ug/Kg	U
91-20-3	Naphthalene	B2372-9715	1.35	1.35	ug/Kg	U
95-47-6	o-xylene	B2372-9715	0.83	0.83	ug/Kg	U
95-49-8	2-Chlorotoluene	B2372-9715	0.99	0.99	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	B2372-9715	1.31	1.31	ug/Kg	U

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706162-4
Client Sample ID: TP13 (0-2)
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 06/11/2007

Type: Grab

Collected: 06/07/2007 12:24
% Solid: 90.2%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
95-63-6	1,2,4-Trimethylbenzene	B2372-9715	1.04	1.04	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	B2372-9715	1.21	1.21	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	B2372-9715	2.54	2.54	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	B2372-9715	2.23	2.23	ug/Kg	U
98-06-6	tert-Butylbenzene	B2372-9715	1.07	1.07	ug/Kg	U
98-82-8	Isopropylbenzene	B2372-9715	0.70	0.70	ug/Kg	U
99-87-6	4-Isopropyltoluene	B2372-9715	0.88	0.88	ug/Kg	U
100-41-4	Ethylbenzene	B2372-9715	0.48	0.48	ug/Kg	U
100-42-5	Styrene	B2372-9715	0.82	0.82	ug/Kg	U
103-65-1	n-Propylbenzene	B2372-9715	0.80	0.80	ug/Kg	U
104-51-8	n-Butylbenzene	B2372-9715	0.99	0.99	ug/Kg	U
105-05-5	p-Diethylbenzene	B2372-9715	1.10	1.10	ug/Kg	U
106-43-4	4-Chlorotoluene	B2372-9715	1.09	1.09	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	B2372-9715	1.14	1.14	ug/Kg	U
106-93-4	1,2-Dibromoethane	B2372-9715	0.82	0.82	ug/Kg	U
107-06-2	1,2-Dichloroethane	B2372-9715	0.63	0.63	ug/Kg	U
107-13-1	Acrylonitrile	B2372-9715	6.80	6.80	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	B2372-9715	2.15	2.15	ug/Kg	U
108-38-3	m,p-xylene	B2372-9715	1.11	1.11	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	B2372-9715	0.91	0.91	ug/Kg	U
108-86-1	Bromobenzene	B2372-9715	0.90	0.90	ug/Kg	U
108-88-3	Toluene	B2372-9715	0.42	0.42	ug/Kg	U
108-90-7	Chlorobenzene	B2372-9715	0.57	0.57	ug/Kg	U
110-75-8	2-Chloroethylvinylether	B2372-9715	3.76	3.76	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	B2372-9715	1.11	1.11	ug/Kg	U
124-48-1	Dibromochloromethane	B2372-9715	0.80	0.80	ug/Kg	U
127-18-4	Tetrachloroethene	B2372-9715	0.64	0.64	ug/Kg	U
135-98-8	sec-Butylbenzene	B2372-9715	0.92	0.92	ug/Kg	U
142-28-9	1,3-Dichloropropane	B2372-9715	0.60	0.60	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	B2372-9715	0.60	0.60	ug/Kg	U
156-60-5	t-1,2-Dichloroethene	B2372-9715	0.47	0.47	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	B2372-9715	1.10	1.10	ug/Kg	U
563-58-6	1,1-Dichloropropene	B2372-9715	1.17	1.17	ug/Kg	U

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706162-4

Client Sample ID: TP13 (0-2)
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 06/11/2007

Type: Grab

Collected: 06/07/2007 12:24
% Solid: 90.2%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
590-20-7	2,2-Dichloropropane	B2372-9715	0.85	0.85	ug/Kg	U
591-78-6	2-Hexanone	B2372-9715	1.93	1.93	ug/Kg	U
622-96-8	p-Ethyltoluene	B2372-9715	1.02	1.02	ug/Kg	U
630-20-6	1,1,1,2-Tetrachloroethane	B2372-9715	0.88	0.88	ug/Kg	U
994-05-8	TAME	B2372-9715	2.33	2.33	ug/Kg	U
1634-04-4	Methyl t-butyl ether	B2372-9715	0.56	0.56	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	B2372-9715	0.54	0.54	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	B2372-9715	0.54	0.54	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	B2372-9715	103.0 %	(68 - 120)	
460-00-4	4-BROMOFLUOROBENZENE	B2372-9715	101.0 %	(80 - 110)	
4774-33-8	DIBROMOFLUOROMETHANE	B2372-9715	97.2 %	(68 - 156)	
2037-26-5	TOLUENE-D8	B2372-9715	99.1 %	(87 - 113)	

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706162-5

Client Sample ID: TP13 (2-4)
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 06/12/2007

Type: Grab

Collected: 06/07/2007 12:29
% Solid: 72.9%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
67-64-1	Acetone	B2373-9726	6.93	**83.1**	ug/Kg	
56-23-5	Carbon Tetrachloride	B2373-9726	0.78	0.78	ug/Kg	U
67-66-3	Chloroform	B2373-9726	0.64	0.64	ug/Kg	U
71-43-2	Benzene	B2373-9726	0.69	0.69	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	B2373-9726	0.69	0.69	ug/Kg	U
74-83-9	Bromomethane	B2373-9726	0.71	0.71	ug/Kg	U
74-87-3	Chloromethane	B2373-9726	0.53	0.53	ug/Kg	U
74-95-3	Dibromomethane	B2373-9726	0.69	0.69	ug/Kg	U
74-97-5	Bromochloromethane	B2373-9726	1.37	1.37	ug/Kg	U
75-00-3	Chloroethane	B2373-9726	1.74	1.74	ug/Kg	U
75-01-4	Vinyl Chloride	B2373-9726	0.81	0.81	ug/Kg	U
75-09-2	Methylene Chloride	B2373-9726	1.16	**4.93**	ug/Kg	BJ
75-15-0	Carbon disulfide	B2373-9726	1.71	**14.4**	ug/Kg	
75-25-2	Bromoform	B2373-9726	1.55	1.55	ug/Kg	U
75-27-4	Bromodichloromethane	B2373-9726	0.59	0.59	ug/Kg	U
75-34-3	1,1-Dichloroethane	B2373-9726	0.60	0.60	ug/Kg	U
75-35-4	1,1-Dichloroethene	B2373-9726	0.95	0.95	ug/Kg	U
75-45-6	Chlorodifluoromethane	B2373-9726	0.89	0.89	ug/Kg	U
75-65-0	Tertiary butyl alcohol	B2373-9726	23.8	23.8	ug/Kg	U
75-69-4	Trichlorofluoromethane	B2373-9726	0.88	0.88	ug/Kg	U
75-71-8	Dichlorodifluoromethane	B2373-9726	0.73	0.73	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	B2373-9726	1.01	1.01	ug/Kg	U
78-87-5	1,2-Dichloropropane	B2373-9726	0.52	0.52	ug/Kg	U
78-93-3	2-Butanone	B2373-9726	4.33	4.33	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	B2373-9726	1.21	1.21	ug/Kg	U
79-01-6	Trichloroethene	B2373-9726	0.49	0.49	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	B2373-9726	1.96	1.96	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	B2373-9726	1.41	1.41	ug/Kg	U
87-68-3	Hexachlorobutadiene	B2373-9726	1.36	1.36	ug/Kg	U
91-20-3	Naphthalene	B2373-9726	1.67	1.67	ug/Kg	U
95-47-6	o-xylene	B2373-9726	1.03	1.03	ug/Kg	U
95-49-8	2-Chlorotoluene	B2373-9726	1.22	1.22	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	B2373-9726	1.62	1.62	ug/Kg	U

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706162-5
Client Sample ID: TP13 (2-4)
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 06/12/2007

Type: Grab

Collected: 06/07/2007 12:29
% Solid: 72.9%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
95-63-6	1,2,4-Trimethylbenzene	B2373-9726	1.29	1.29	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	B2373-9726	1.49	1.49	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	B2373-9726	3.14	3.14	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	B2373-9726	2.75	2.75	ug/Kg	U
98-06-6	tert-Butylbenzene	B2373-9726	1.32	1.32	ug/Kg	U
98-82-8	Isopropylbenzene	B2373-9726	0.86	0.86	ug/Kg	U
99-87-6	4-Isopropyltoluene	B2373-9726	1.08	**3.29**	ug/Kg	J
100-41-4	Ethylbenzene	B2373-9726	0.59	0.59	ug/Kg	U
100-42-5	Styrene	B2373-9726	1.01	1.01	ug/Kg	U
103-65-1	n-Propylbenzene	B2373-9726	0.99	0.99	ug/Kg	U
104-51-8	n-Butylbenzene	B2373-9726	1.22	1.22	ug/Kg	U
105-05-5	p-Diethylbenzene	B2373-9726	1.36	1.36	ug/Kg	U
106-43-4	4-Chlorotoluene	B2373-9726	1.34	1.34	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	B2373-9726	1.41	1.41	ug/Kg	U
106-93-4	1,2-Dibromoethane	B2373-9726	1.01	1.01	ug/Kg	U
107-06-2	1,2-Dichloroethane	B2373-9726	0.78	0.78	ug/Kg	U
107-13-1	Acrylonitrile	B2373-9726	8.40	8.40	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	B2373-9726	2.66	2.66	ug/Kg	U
108-38-3	m,p-xylene	B2373-9726	1.37	1.37	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	B2373-9726	1.12	1.12	ug/Kg	U
108-86-1	Bromobenzene	B2373-9726	1.11	1.11	ug/Kg	U
108-88-3	Toluene	B2373-9726	0.52	0.52	ug/Kg	U
108-90-7	Chlorobenzene	B2373-9726	0.70	0.70	ug/Kg	U
110-75-8	2-Chloroethylvinylether	B2373-9726	4.64	4.64	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	B2373-9726	1.37	1.37	ug/Kg	U
124-48-1	Dibromochloromethane	B2373-9726	0.99	0.99	ug/Kg	U
127-18-4	Tetrachloroethene	B2373-9726	0.79	0.79	ug/Kg	U
135-98-8	sec-Butylbenzene	B2373-9726	1.14	1.14	ug/Kg	U
142-28-9	1,3-Dichloropropane	B2373-9726	0.74	0.74	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	B2373-9726	0.74	0.74	ug/Kg	U
156-60-5	t-1,2-Dichloroethene	B2373-9726	0.58	0.58	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	B2373-9726	1.36	1.36	ug/Kg	U
563-58-6	1,1-Dichloropropene	B2373-9726	1.44	1.44	ug/Kg	U

Environmental Testing Laboratories, Inc.
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05/22/2008

Volatiles - EPA 8260B

Sample: 0706162-5

Client Sample ID: TP13 (2-4)
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 06/12/2007

Type: Grab

Collected: 06/07/2007 12:29
% Solid: 72.9%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
590-20-7	2,2-Dichloropropane	B2373-9726	1.05	1.05	ug/Kg	U
591-78-6	2-Hexanone	B2373-9726	2.38	2.38	ug/Kg	U
622-96-8	p-Ethyltoluene	B2373-9726	1.26	1.26	ug/Kg	U
630-20-6	1,1,1,2-Tetrachloroethane	B2373-9726	1.08	1.08	ug/Kg	U
994-05-8	TAME	B2373-9726	2.88	2.88	ug/Kg	U
1634-04-4	Methyl t-butyl ether	B2373-9726	0.69	0.69	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	B2373-9726	0.67	0.67	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	B2373-9726	0.67	0.67	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	B2373-9726	106.0 %	(68 - 120)	
460-00-4	4-BROMOFLUOROBENZENE	B2373-9726	101.0 %	(80 - 110)	
4774-33-8	DIBROMOFLUOROMETHANE	B2373-9726	100.0 %	(68 - 156)	
2037-26-5	TOLUENE-D8	B2373-9726	99.1 %	(87 - 113)	

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706162-7
Client Sample ID: TP14 (0-2)
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 06/12/2007

Type: Grab

Collected: 06/07/2007 13:25
% Solid: 85.9%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
67-64-1	Acetone	B2373-9729	5.87	**27.6**	ug/Kg	J
56-23-5	Carbon Tetrachloride	B2373-9729	0.66	0.66	ug/Kg	U
67-66-3	Chloroform	B2373-9729	0.55	0.55	ug/Kg	U
71-43-2	Benzene	B2373-9729	0.58	0.58	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	B2373-9729	0.58	0.58	ug/Kg	U
74-83-9	Bromomethane	B2373-9729	0.60	0.60	ug/Kg	U
74-87-3	Chloromethane	B2373-9729	0.45	0.45	ug/Kg	U
74-95-3	Dibromomethane	B2373-9729	0.58	0.58	ug/Kg	U
74-97-5	Bromochloromethane	B2373-9729	1.16	1.16	ug/Kg	U
75-00-3	Chloroethane	B2373-9729	1.47	1.47	ug/Kg	U
75-01-4	Vinyl Chloride	B2373-9729	0.68	0.68	ug/Kg	U
75-09-2	Methylene Chloride	B2373-9729	0.99	0.99	ug/Kg	U
75-15-0	Carbon disulfide	B2373-9729	1.45	1.45	ug/Kg	U
75-25-2	Bromoform	B2373-9729	1.31	1.31	ug/Kg	U
75-27-4	Bromodichloromethane	B2373-9729	0.50	0.50	ug/Kg	U
75-34-3	1,1-Dichloroethane	B2373-9729	0.51	0.51	ug/Kg	U
75-35-4	1,1-Dichloroethene	B2373-9729	0.80	0.80	ug/Kg	U
75-45-6	Chlorodifluoromethane	B2373-9729	0.75	0.75	ug/Kg	U
75-65-0	Tertiary butyl alcohol	B2373-9729	20.2	20.2	ug/Kg	U
75-69-4	Trichlorofluoromethane	B2373-9729	0.74	0.74	ug/Kg	U
75-71-8	Dichlorodifluoromethane	B2373-9729	0.61	0.61	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	B2373-9729	0.86	0.86	ug/Kg	U
78-87-5	1,2-Dichloropropane	B2373-9729	0.44	0.44	ug/Kg	U
78-93-3	2-Butanone	B2373-9729	3.67	3.67	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	B2373-9729	1.02	1.02	ug/Kg	U
79-01-6	Trichloroethene	B2373-9729	0.42	0.42	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	B2373-9729	1.66	1.66	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	B2373-9729	1.19	1.19	ug/Kg	U
87-68-3	Hexachlorobutadiene	B2373-9729	1.15	1.15	ug/Kg	U
91-20-3	Naphthalene	B2373-9729	1.42	1.42	ug/Kg	U
95-47-6	o-xylene	B2373-9729	0.87	0.87	ug/Kg	U
95-49-8	2-Chlorotoluene	B2373-9729	1.03	1.03	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	B2373-9729	1.37	1.37	ug/Kg	U

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706162-7
Client Sample ID: TP14 (0-2)
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 06/12/2007

Type: Grab

Collected: 06/07/2007 13:25
% Solid: 85.9%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
95-63-6	1,2,4-Trimethylbenzene	B2373-9729	1.09	1.09	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	B2373-9729	1.26	1.26	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	B2373-9729	2.66	2.66	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	B2373-9729	2.33	2.33	ug/Kg	U
98-06-6	tert-Butylbenzene	B2373-9729	1.11	1.11	ug/Kg	U
98-82-8	Isopropylbenzene	B2373-9729	0.73	0.73	ug/Kg	U
99-87-6	4-Isopropyltoluene	B2373-9729	0.92	0.92	ug/Kg	U
100-41-4	Ethylbenzene	B2373-9729	0.50	0.50	ug/Kg	U
100-42-5	Styrene	B2373-9729	0.86	0.86	ug/Kg	U
103-65-1	n-Propylbenzene	B2373-9729	0.84	0.84	ug/Kg	U
104-51-8	n-Butylbenzene	B2373-9729	1.03	1.03	ug/Kg	U
105-05-5	p-Diethylbenzene	B2373-9729	1.15	1.15	ug/Kg	U
106-43-4	4-Chlorotoluene	B2373-9729	1.14	1.14	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	B2373-9729	1.19	1.19	ug/Kg	U
106-93-4	1,2-Dibromoethane	B2373-9729	0.86	0.86	ug/Kg	U
107-06-2	1,2-Dichloroethane	B2373-9729	0.66	0.66	ug/Kg	U
107-13-1	Acrylonitrile	B2373-9729	7.11	7.11	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	B2373-9729	2.25	2.25	ug/Kg	U
108-38-3	m,p-xylene	B2373-9729	1.16	1.16	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	B2373-9729	0.95	0.95	ug/Kg	U
108-86-1	Bromobenzene	B2373-9729	0.94	0.94	ug/Kg	U
108-88-3	Toluene	B2373-9729	0.44	0.44	ug/Kg	U
108-90-7	Chlorobenzene	B2373-9729	0.59	0.59	ug/Kg	U
110-75-8	2-Chloroethylvinylether	B2373-9729	3.93	3.93	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	B2373-9729	1.16	1.16	ug/Kg	U
124-48-1	Dibromochloromethane	B2373-9729	0.84	0.84	ug/Kg	U
127-18-4	Tetrachloroethene	B2373-9729	0.67	0.67	ug/Kg	U
135-98-8	sec-Butylbenzene	B2373-9729	0.96	0.96	ug/Kg	U
142-28-9	1,3-Dichloropropane	B2373-9729	0.63	0.63	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	B2373-9729	0.63	0.63	ug/Kg	U
156-60-5	t-1,2-Dichloroethene	B2373-9729	0.49	0.49	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	B2373-9729	1.15	1.15	ug/Kg	U
563-58-6	1,1-Dichloropropene	B2373-9729	1.22	1.22	ug/Kg	U

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706162-7
Client Sample ID: TP14 (0-2)
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 06/12/2007

Type: Grab

Collected: 06/07/2007 13:25
% Solid: 85.9%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
590-20-7	2,2-Dichloropropane	B2373-9729	0.89	0.89	ug/Kg	U
591-78-6	2-Hexanone	B2373-9729	2.02	2.02	ug/Kg	U
622-96-8	p-Ethyltoluene	B2373-9729	1.07	1.07	ug/Kg	U
630-20-6	1,1,1,2-Tetrachloroethane	B2373-9729	0.92	0.92	ug/Kg	U
994-05-8	TAME	B2373-9729	2.44	2.44	ug/Kg	U
1634-04-4	Methyl t-butyl ether	B2373-9729	0.58	0.58	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	B2373-9729	0.57	0.57	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	B2373-9729	0.57	0.57	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	B2373-9729	105.0 %	(68 - 120)	
460-00-4	4-BROMOFLUOROBENZENE	B2373-9729	105.0 %	(80 - 110)	
4774-33-8	DIBROMOFLUOROMETHANE	B2373-9729	97.1 %	(68 - 156)	
2037-26-5	TOLUENE-D8	B2373-9729	100.0 %	(87 - 113)	

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706162-8
Client Sample ID: TP14 (2-6)
Matrix: Soil
Type: Grab
Collected: 06/07/2007 13:30
% Solid: 74%
Remarks: See Case Narrative
Analyzed Date: 06/12/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
67-64-1	Acetone	B2373-9730	6.83	**71.8**	ug/Kg	
56-23-5	Carbon Tetrachloride	B2373-9730	0.77	0.77	ug/Kg	U
67-66-3	Chloroform	B2373-9730	0.63	0.63	ug/Kg	U
71-43-2	Benzene	B2373-9730	0.68	0.68	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	B2373-9730	0.68	0.68	ug/Kg	U
74-83-9	Bromomethane	B2373-9730	0.70	0.70	ug/Kg	U
74-87-3	Chloromethane	B2373-9730	0.53	0.53	ug/Kg	U
74-95-3	Dibromomethane	B2373-9730	0.68	0.68	ug/Kg	U
74-97-5	Bromochloromethane	B2373-9730	1.35	1.35	ug/Kg	U
75-00-3	Chloroethane	B2373-9730	1.71	1.71	ug/Kg	U
75-01-4	Vinyl Chloride	B2373-9730	0.80	0.80	ug/Kg	U
75-09-2	Methylene Chloride	B2373-9730	1.15	**4.23**	ug/Kg	BJ
75-15-0	Carbon disulfide	B2373-9730	1.69	**14.6**	ug/Kg	
75-25-2	Bromoform	B2373-9730	1.53	1.53	ug/Kg	U
75-27-4	Bromodichloromethane	B2373-9730	0.58	0.58	ug/Kg	U
75-34-3	1,1-Dichloroethane	B2373-9730	0.59	0.59	ug/Kg	U
75-35-4	1,1-Dichloroethene	B2373-9730	0.93	0.93	ug/Kg	U
75-45-6	Chlorodifluoromethane	B2373-9730	0.88	0.88	ug/Kg	U
75-65-0	Tertiary butyl alcohol	B2373-9730	23.5	23.5	ug/Kg	U
75-69-4	Trichlorofluoromethane	B2373-9730	0.86	0.86	ug/Kg	U
75-71-8	Dichlorodifluoromethane	B2373-9730	0.72	0.72	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	B2373-9730	1.00	1.00	ug/Kg	U
78-87-5	1,2-Dichloropropane	B2373-9730	0.51	0.51	ug/Kg	U
78-93-3	2-Butanone	B2373-9730	4.27	**6.33**	ug/Kg	J
79-00-5	1,1,2-Trichloroethane	B2373-9730	1.19	1.19	ug/Kg	U
79-01-6	Trichloroethene	B2373-9730	0.49	0.49	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	B2373-9730	1.93	1.93	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	B2373-9730	1.39	1.39	ug/Kg	U
87-68-3	Hexachlorobutadiene	B2373-9730	1.34	1.34	ug/Kg	U
91-20-3	Naphthalene	B2373-9730	1.65	1.65	ug/Kg	U
95-47-6	o-xylene	B2373-9730	1.01	1.01	ug/Kg	U
95-49-8	2-Chlorotoluene	B2373-9730	1.20	1.20	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	B2373-9730	1.59	1.59	ug/Kg	U

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706162-8
Client Sample ID: TP14 (2-6)
Matrix: Soil
Type: Grab
Collected: 06/07/2007 13:30
% Solid: 74%
Remarks: See Case Narrative
Analyzed Date: 06/12/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
95-63-6	1,2,4-Trimethylbenzene	B2373-9730	1.27	1.27	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	B2373-9730	1.47	1.47	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	B2373-9730	3.09	3.09	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	B2373-9730	2.71	2.71	ug/Kg	U
98-06-6	tert-Butylbenzene	B2373-9730	1.30	1.30	ug/Kg	U
98-82-8	Isopropylbenzene	B2373-9730	0.85	0.85	ug/Kg	U
99-87-6	4-Isopropyltoluene	B2373-9730	1.07	**1.23**	ug/Kg	J
100-41-4	Ethylbenzene	B2373-9730	0.58	0.58	ug/Kg	U
100-42-5	Styrene	B2373-9730	1.00	1.00	ug/Kg	U
103-65-1	n-Propylbenzene	B2373-9730	0.97	0.97	ug/Kg	U
104-51-8	n-Butylbenzene	B2373-9730	1.20	1.20	ug/Kg	U
105-05-5	p-Diethylbenzene	B2373-9730	1.34	1.34	ug/Kg	U
106-43-4	4-Chlorotoluene	B2373-9730	1.32	1.32	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	B2373-9730	1.39	1.39	ug/Kg	U
106-93-4	1,2-Dibromoethane	B2373-9730	1.00	1.00	ug/Kg	U
107-06-2	1,2-Dichloroethane	B2373-9730	0.77	0.77	ug/Kg	U
107-13-1	Acrylonitrile	B2373-9730	8.28	8.28	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	B2373-9730	2.62	2.62	ug/Kg	U
108-38-3	m,p-xylene	B2373-9730	1.35	1.35	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	B2373-9730	1.11	1.11	ug/Kg	U
108-86-1	Bromobenzene	B2373-9730	1.09	1.09	ug/Kg	U
108-88-3	Toluene	B2373-9730	0.51	0.51	ug/Kg	U
108-90-7	Chlorobenzene	B2373-9730	0.69	0.69	ug/Kg	U
110-75-8	2-Chloroethylvinylether	B2373-9730	4.58	4.58	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	B2373-9730	1.35	1.35	ug/Kg	U
124-48-1	Dibromochloromethane	B2373-9730	0.97	0.97	ug/Kg	U
127-18-4	Tetrachloroethene	B2373-9730	0.78	0.78	ug/Kg	U
135-98-8	sec-Butylbenzene	B2373-9730	1.12	1.12	ug/Kg	U
142-28-9	1,3-Dichloropropane	B2373-9730	0.73	0.73	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	B2373-9730	0.73	0.73	ug/Kg	U
156-60-5	t-1,2-Dichloroethene	B2373-9730	0.57	0.57	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	B2373-9730	1.34	1.34	ug/Kg	U
563-58-6	1,1-Dichloropropene	B2373-9730	1.42	1.42	ug/Kg	U

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706162-8

Client Sample ID: TP14 (2-6)
Matrix: Soil
Type: Grab
Remarks: See Case Narrative
Analyzed Date: 06/12/2007

Collected: 06/07/2007 13:30
% Solid: 74%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
590-20-7	2,2-Dichloropropane	B2373-9730	1.04	1.04	ug/Kg	U
591-78-6	2-Hexanone	B2373-9730	2.35	2.35	ug/Kg	U
622-96-8	p-Ethyltoluene	B2373-9730	1.24	1.24	ug/Kg	U
630-20-6	1,1,1,2-Tetrachloroethane	B2373-9730	1.07	1.07	ug/Kg	U
994-05-8	TAME	B2373-9730	2.84	2.84	ug/Kg	U
1634-04-4	Methyl t-butyl ether	B2373-9730	0.68	0.68	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	B2373-9730	0.66	0.66	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	B2373-9730	0.66	0.66	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	B2373-9730	109.0 %	(68 - 120)	
460-00-4	4-BROMOFLUOROBENZENE	B2373-9730	103.0 %	(80 - 110)	
4774-33-8	DIBROMOFLUOROMETHANE	B2373-9730	97.9 %	(68 - 156)	
2037-26-5	TOLUENE-D8	B2373-9730	100.0 %	(87 - 113)	

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706162-10

Client Sample ID: TP15 (0-4)
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 06/12/2007

Type: Grab

Collected: 06/07/2007 13:07
% Solid: 78.1%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
67-64-1	Acetone	B2373-9731	6.48	**27.9**	ug/Kg	J
56-23-5	Carbon Tetrachloride	B2373-9731	0.73	0.73	ug/Kg	U
67-66-3	Chloroform	B2373-9731	0.60	0.60	ug/Kg	U
71-43-2	Benzene	B2373-9731	0.64	0.64	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	B2373-9731	0.64	0.64	ug/Kg	U
74-83-9	Bromomethane	B2373-9731	0.67	0.67	ug/Kg	U
74-87-3	Chloromethane	B2373-9731	0.50	0.50	ug/Kg	U
74-95-3	Dibromomethane	B2373-9731	0.64	0.64	ug/Kg	U
74-97-5	Bromochloromethane	B2373-9731	1.28	1.28	ug/Kg	U
75-00-3	Chloroethane	B2373-9731	1.63	1.63	ug/Kg	U
75-01-4	Vinyl Chloride	B2373-9731	0.76	0.76	ug/Kg	U
75-09-2	Methylene Chloride	B2373-9731	1.09	1.09	ug/Kg	U
75-15-0	Carbon disulfide	B2373-9731	1.60	1.60	ug/Kg	U
75-25-2	Bromoform	B2373-9731	1.45	1.45	ug/Kg	U
75-27-4	Bromodichloromethane	B2373-9731	0.55	0.55	ug/Kg	U
75-34-3	1,1-Dichloroethane	B2373-9731	0.56	0.56	ug/Kg	U
75-35-4	1,1-Dichloroethene	B2373-9731	0.88	0.88	ug/Kg	U
75-45-6	Chlorodifluoromethane	B2373-9731	0.83	0.83	ug/Kg	U
75-65-0	Tertiary butyl alcohol	B2373-9731	22.3	22.3	ug/Kg	U
75-69-4	Trichlorofluoromethane	B2373-9731	0.82	0.82	ug/Kg	U
75-71-8	Dichlorodifluoromethane	B2373-9731	0.68	0.68	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	B2373-9731	0.95	0.95	ug/Kg	U
78-87-5	1,2-Dichloropropane	B2373-9731	0.49	0.49	ug/Kg	U
78-93-3	2-Butanone	B2373-9731	4.04	4.04	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	B2373-9731	1.13	1.13	ug/Kg	U
79-01-6	Trichloroethene	B2373-9731	0.46	0.46	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	B2373-9731	1.83	1.83	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	B2373-9731	1.32	1.32	ug/Kg	U
87-68-3	Hexachlorobutadiene	B2373-9731	1.27	1.27	ug/Kg	U
91-20-3	Naphthalene	B2373-9731	1.56	1.56	ug/Kg	U
95-47-6	o-xylene	B2373-9731	0.96	0.96	ug/Kg	U
95-49-8	2-Chlorotoluene	B2373-9731	1.14	1.14	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	B2373-9731	1.51	1.51	ug/Kg	U

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706162-10
Client Sample ID: TP15 (0-4)
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 06/12/2007

Type: Grab

Collected: 06/07/2007 13:07
% Solid: 78.1%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
95-63-6	1,2,4-Trimethylbenzene	B2373-9731	1.20	1.20	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	B2373-9731	1.40	1.40	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	B2373-9731	2.93	2.93	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	B2373-9731	2.57	2.57	ug/Kg	U
98-06-6	tert-Butylbenzene	B2373-9731	1.23	1.23	ug/Kg	U
98-82-8	Isopropylbenzene	B2373-9731	0.81	0.81	ug/Kg	U
99-87-6	4-Isopropyltoluene	B2373-9731	1.01	1.01	ug/Kg	U
100-41-4	Ethylbenzene	B2373-9731	0.55	0.55	ug/Kg	U
100-42-5	Styrene	B2373-9731	0.95	0.95	ug/Kg	U
103-65-1	n-Propylbenzene	B2373-9731	0.92	0.92	ug/Kg	U
104-51-8	n-Butylbenzene	B2373-9731	1.14	1.14	ug/Kg	U
105-05-5	p-Diethylbenzene	B2373-9731	1.27	1.27	ug/Kg	U
106-43-4	4-Chlorotoluene	B2373-9731	1.25	1.25	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	B2373-9731	1.32	1.32	ug/Kg	U
106-93-4	1,2-Dibromoethane	B2373-9731	0.95	0.95	ug/Kg	U
107-06-2	1,2-Dichloroethane	B2373-9731	0.73	0.73	ug/Kg	U
107-13-1	Acrylonitrile	B2373-9731	7.85	7.85	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	B2373-9731	2.48	2.48	ug/Kg	U
108-38-3	m,p-xylene	B2373-9731	1.28	1.28	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	B2373-9731	1.05	1.05	ug/Kg	U
108-86-1	Bromobenzene	B2373-9731	1.04	1.04	ug/Kg	U
108-88-3	Toluene	B2373-9731	0.49	0.49	ug/Kg	U
108-90-7	Chlorobenzene	B2373-9731	0.65	0.65	ug/Kg	U
110-75-8	2-Chloroethylvinylether	B2373-9731	4.34	4.34	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	B2373-9731	1.28	1.28	ug/Kg	U
124-48-1	Dibromochloromethane	B2373-9731	0.92	0.92	ug/Kg	U
127-18-4	Tetrachloroethene	B2373-9731	0.74	0.74	ug/Kg	U
135-98-8	sec-Butylbenzene	B2373-9731	1.06	1.06	ug/Kg	U
142-28-9	1,3-Dichloropropane	B2373-9731	0.69	0.69	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	B2373-9731	0.69	0.69	ug/Kg	U
156-60-5	t-1,2-Dichloroethene	B2373-9731	0.54	0.54	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	B2373-9731	1.27	1.27	ug/Kg	U
563-58-6	1,1-Dichloropropene	B2373-9731	1.34	1.34	ug/Kg	U

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706162-10

Client Sample ID: TP15 (0-4)
Matrix: Soil
Type: Grab
Remarks: See Case Narrative
Analyzed Date: 06/12/2007

Collected: 06/07/2007 13:07
% Solid: 78.1%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
590-20-7	2,2-Dichloropropane	B2373-9731	0.99	0.99	ug/Kg	U
591-78-6	2-Hexanone	B2373-9731	2.23	2.23	ug/Kg	U
622-96-8	p-Ethyltoluene	B2373-9731	1.18	1.18	ug/Kg	U
630-20-6	1,1,1,2-Tetrachloroethane	B2373-9731	1.01	1.01	ug/Kg	U
994-05-8	TAME	B2373-9731	2.69	2.69	ug/Kg	U
1634-04-4	Methyl t-butyl ether	B2373-9731	0.64	0.64	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	B2373-9731	0.63	0.63	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	B2373-9731	0.63	0.63	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	B2373-9731	105.0 %	(68 - 120)	
460-00-4	4-BROMOFLUOROBENZENE	B2373-9731	104.0 %	(80 - 110)	
4774-33-8	DIBROMOFLUOROMETHANE	B2373-9731	98.0 %	(68 - 156)	
2037-26-5	TOLUENE-D8	B2373-9731	99.5 %	(87 - 113)	

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706162-11
Client Sample ID: TP15 (4-6)
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 06/12/2007

Type: Grab

Collected: 06/07/2007 13:10
% Solid: 86.1%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
67-64-1	Acetone	B2373-9732	5.87	**22.0**	ug/Kg	J
56-23-5	Carbon Tetrachloride	B2373-9732	0.66	0.66	ug/Kg	U
67-66-3	Chloroform	B2373-9732	0.55	0.55	ug/Kg	U
71-43-2	Benzene	B2373-9732	0.58	0.58	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	B2373-9732	0.58	0.58	ug/Kg	U
74-83-9	Bromomethane	B2373-9732	0.60	0.60	ug/Kg	U
74-87-3	Chloromethane	B2373-9732	0.45	0.45	ug/Kg	U
74-95-3	Dibromomethane	B2373-9732	0.58	0.58	ug/Kg	U
74-97-5	Bromochloromethane	B2373-9732	1.16	1.16	ug/Kg	U
75-00-3	Chloroethane	B2373-9732	1.47	1.47	ug/Kg	U
75-01-4	Vinyl Chloride	B2373-9732	0.68	0.68	ug/Kg	U
75-09-2	Methylene Chloride	B2373-9732	0.99	0.99	ug/Kg	U
75-15-0	Carbon disulfide	B2373-9732	1.45	1.45	ug/Kg	U
75-25-2	Bromoform	B2373-9732	1.31	1.31	ug/Kg	U
75-27-4	Bromodichloromethane	B2373-9732	0.50	0.50	ug/Kg	U
75-34-3	1,1-Dichloroethane	B2373-9732	0.51	0.51	ug/Kg	U
75-35-4	1,1-Dichloroethene	B2373-9732	0.80	0.80	ug/Kg	U
75-45-6	Chlorodifluoromethane	B2373-9732	0.75	0.75	ug/Kg	U
75-65-0	Tertiary butyl alcohol	B2373-9732	20.2	20.2	ug/Kg	U
75-69-4	Trichlorofluoromethane	B2373-9732	0.74	0.74	ug/Kg	U
75-71-8	Dichlorodifluoromethane	B2373-9732	0.61	0.61	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	B2373-9732	0.86	0.86	ug/Kg	U
78-87-5	1,2-Dichloropropane	B2373-9732	0.44	0.44	ug/Kg	U
78-93-3	2-Butanone	B2373-9732	3.67	3.67	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	B2373-9732	1.02	1.02	ug/Kg	U
79-01-6	Trichloroethene	B2373-9732	0.42	0.42	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	B2373-9732	1.66	1.66	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	B2373-9732	1.19	1.19	ug/Kg	U
87-68-3	Hexachlorobutadiene	B2373-9732	1.15	1.15	ug/Kg	U
91-20-3	Naphthalene	B2373-9732	1.42	1.42	ug/Kg	U
95-47-6	o-xylene	B2373-9732	0.87	0.87	ug/Kg	U
95-49-8	2-Chlorotoluene	B2373-9732	1.03	1.03	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	B2373-9732	1.37	1.37	ug/Kg	U

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706162-11
Client Sample ID: TP15 (4-6)
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 06/12/2007

Type: Grab

Collected: 06/07/2007 13:10
% Solid: 86.1%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
95-63-6	1,2,4-Trimethylbenzene	B2373-9732	1.09	1.09	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	B2373-9732	1.26	1.26	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	B2373-9732	2.66	2.66	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	B2373-9732	2.33	2.33	ug/Kg	U
98-06-6	tert-Butylbenzene	B2373-9732	1.11	1.11	ug/Kg	U
98-82-8	Isopropylbenzene	B2373-9732	0.73	0.73	ug/Kg	U
99-87-6	4-Isopropyltoluene	B2373-9732	0.92	0.92	ug/Kg	U
100-41-4	Ethylbenzene	B2373-9732	0.50	0.50	ug/Kg	U
100-42-5	Styrene	B2373-9732	0.86	0.86	ug/Kg	U
103-65-1	n-Propylbenzene	B2373-9732	0.84	0.84	ug/Kg	U
104-51-8	n-Butylbenzene	B2373-9732	1.03	1.03	ug/Kg	U
105-05-5	p-Diethylbenzene	B2373-9732	1.15	1.15	ug/Kg	U
106-43-4	4-Chlorotoluene	B2373-9732	1.14	1.14	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	B2373-9732	1.19	1.19	ug/Kg	U
106-93-4	1,2-Dibromoethane	B2373-9732	0.86	0.86	ug/Kg	U
107-06-2	1,2-Dichloroethane	B2373-9732	0.66	0.66	ug/Kg	U
107-13-1	Acrylonitrile	B2373-9732	7.11	7.11	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	B2373-9732	2.25	2.25	ug/Kg	U
108-38-3	m,p-xylene	B2373-9732	1.16	1.16	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	B2373-9732	0.95	0.95	ug/Kg	U
108-86-1	Bromobenzene	B2373-9732	0.94	0.94	ug/Kg	U
108-88-3	Toluene	B2373-9732	0.44	0.44	ug/Kg	U
108-90-7	Chlorobenzene	B2373-9732	0.59	0.59	ug/Kg	U
110-75-8	2-Chloroethylvinylether	B2373-9732	3.93	3.93	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	B2373-9732	1.16	1.16	ug/Kg	U
124-48-1	Dibromochloromethane	B2373-9732	0.84	0.84	ug/Kg	U
127-18-4	Tetrachloroethene	B2373-9732	0.67	0.67	ug/Kg	U
135-98-8	sec-Butylbenzene	B2373-9732	0.96	0.96	ug/Kg	U
142-28-9	1,3-Dichloropropane	B2373-9732	0.63	0.63	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	B2373-9732	0.63	0.63	ug/Kg	U
156-60-5	t-1,2-Dichloroethene	B2373-9732	0.49	0.49	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	B2373-9732	1.15	1.15	ug/Kg	U
563-58-6	1,1-Dichloropropene	B2373-9732	1.22	1.22	ug/Kg	U

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706162-11

Client Sample ID: TP15 (4-6)
Matrix: Soil
Type: Grab
Remarks: See Case Narrative
Analyzed Date: 06/12/2007

Collected: 06/07/2007 13:10
% Solid: 86.1%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
590-20-7	2,2-Dichloropropane	B2373-9732	0.89	0.89	ug/Kg	U
591-78-6	2-Hexanone	B2373-9732	2.02	2.02	ug/Kg	U
622-96-8	p-Ethyltoluene	B2373-9732	1.07	1.07	ug/Kg	U
630-20-6	1,1,1,2-Tetrachloroethane	B2373-9732	0.92	0.92	ug/Kg	U
994-05-8	TAME	B2373-9732	2.44	2.44	ug/Kg	U
1634-04-4	Methyl t-butyl ether	B2373-9732	0.58	0.58	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	B2373-9732	0.57	0.57	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	B2373-9732	0.57	0.57	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	B2373-9732	102.0 %	(68 - 120)	
460-00-4	4-BROMOFLUOROBENZENE	B2373-9732	104.0 %	(80 - 110)	
4774-33-8	DIBROMOFLUOROMETHANE	B2373-9732	97.7 %	(68 - 156)	
2037-26-5	TOLUENE-D8	B2373-9732	98.6 %	(87 - 113)	

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706162-1

Client Sample ID: TP12 (0-2)
Collected: 06/07/2007 12:00
Matrix: Soil
Type: Grab
% Solid: 92.4%
Remarks:
Analyzed Date: 06/20/2007
Preparation Date(s) : 06/16/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	A1699-884	8.19	8.19	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	A1699-884	10.4	10.4	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	A1699-884	10.4	10.4	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	A1699-884	8.41	8.41	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	A1699-884	6.78	6.78	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	A1699-884	14.1	14.1	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	A1699-884	12.3	12.3	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	A1699-884	10.1	10.1	ug/Kg	U
120-83-2	2,4-Dichlorophenol	A1699-884	8.84	8.84	ug/Kg	U
105-67-9	2,4-Dimethylphenol	A1699-884	7.29	7.29	ug/Kg	U
51-28-5	2,4-Dinitrophenol	A1699-884	54.8	54.8	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	A1699-884	6.89	6.89	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	A1699-884	7.83	7.83	ug/Kg	U
91-58-7	2-Chloronaphthalene	A1699-884	9.60	9.60	ug/Kg	U
95-57-8	2-Chlorophenol	A1699-884	11.4	11.4	ug/Kg	U
91-57-6	2-Methylnaphthalene	A1699-884	10.4	10.4	ug/Kg	U
95-48-7	2-Methylphenol	A1699-884	9.24	9.24	ug/Kg	U
88-74-4	2-Nitroaniline	A1699-884	8.19	8.19	ug/Kg	U
88-75-5	2-Nitrophenol	A1699-884	7.90	7.90	ug/Kg	U
106-44-5	3+4-Methylphenol	A1699-884	11.3	11.3	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	A1699-884	18.0	18.0	ug/Kg	U
99-09-2	3-Nitroaniline	A1699-884	13.9	13.9	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	A1699-884	158	158	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	A1699-884	13.6	13.6	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	A1699-884	16.6	16.6	ug/Kg	U
106-47-8	4-Chloroaniline	A1699-884	10.3	10.3	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	A1699-884	9.09	9.09	ug/Kg	U
100-01-6	4-Nitroaniline	A1699-884	17.4	17.4	ug/Kg	U
100-02-7	4-Nitrophenol	A1699-884	18.0	18.0	ug/Kg	U
83-32-9	Acenaphthene	A1699-884	8.80	**10.6**	ug/Kg	J
208-96-8	Acenaphthylene	A1699-884	10.6	**28.8**	ug/Kg	J
62-53-3	Aniline	A1699-884	11.4	11.4	ug/Kg	U
120-12-7	Anthracene	A1699-884	12.4	**38.0**	ug/Kg	J

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Phone - 631-249-1456 Fax - 631-249-8344

05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706162-1

Client Sample ID: TP12 (0-2)
Collected: 06/07/2007 12:00
Matrix: Soil
Type: Grab
% Solid: 92.4%
Remarks:
Analyzed Date: 06/20/2007
Preparation Date(s) : 06/16/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
92-87-5	Benzidine	A1699-884	375	375	ug/Kg	U
56-55-3	Benzo(a)anthracene	A1699-884	17.0	**140**	ug/Kg	J
50-32-8	Benzo(a)pyrene	A1699-884	14.4	**158**	ug/Kg	J
205-99-2	Benzo(b)fluoranthene	A1699-884	18.0	**131**	ug/Kg	J
191-24-2	Benzo(g,h,i)perylene	A1699-884	17.7	**110**	ug/Kg	J
207-08-9	Benzo(k)fluoranthene	A1699-884	16.6	**137**	ug/Kg	J
65-85-0	Benzoic acid	A1699-884	934	934	ug/Kg	U
100-51-6	Benzyl alcohol	A1699-884	8.87	8.87	ug/Kg	U
85-68-7	Butyl benzyl phthalate	A1699-884	14.2	**32.4**	ug/Kg	J
86-74-8	Carbazole	A1699-884	29.6	29.6	ug/Kg	U
218-01-9	Chrysene	A1699-884	17.1	**163**	ug/Kg	J
	Cresols	A1699-884	41.1	41.1	ug/Kg	U
84-74-2	Di-n-butyl phthalate	A1699-884	14.6	**19.6**	ug/Kg	J
117-84-0	Di-n-octyl phthalate	A1699-884	14.4	14.4	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	A1699-884	18.8	**36.8**	ug/Kg	J
132-64-9	Dibenzofuran	A1699-884	12.7	12.7	ug/Kg	U
84-66-2	Diethyl phthalate	A1699-884	10.4	10.4	ug/Kg	U
131-11-3	Dimethyl phthalate	A1699-884	10.5	10.5	ug/Kg	U
206-44-0	Fluoranthene	A1699-884	16.3	**255**	ug/Kg	
86-73-7	Fluorene	A1699-884	9.56	9.56	ug/Kg	U
118-74-1	Hexachlorobenzene	A1699-884	14.5	14.5	ug/Kg	U
87-68-3	Hexachlorobutadiene	A1699-884	10.4	10.4	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	A1699-884	2.68	2.68	ug/Kg	U
67-72-1	Hexachloroethane	A1699-884	7.86	7.86	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	A1699-884	15.3	**96.0**	ug/Kg	J
78-59-1	Isophorone	A1699-884	9.02	9.02	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	A1699-884	7.61	7.61	ug/Kg	U
62-75-9	N-Nitrosodimethylamine	A1699-884	10.3	10.3	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	A1699-884	12.0	12.0	ug/Kg	U
91-20-3	Naphthalene	A1699-884	11.2	11.2	ug/Kg	U
98-95-3	Nitrobenzene	A1699-884	13.2	13.2	ug/Kg	U
87-86-5	Pentachlorophenol	A1699-884	192	192	ug/Kg	U
85-01-8	Phenanthrene	A1699-884	12.4	**97.0**	ug/Kg	J

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706162-1

Client Sample ID: TP12 (0-2)
Collected: 06/07/2007 12:00
Matrix: Soil
Type: Grab
% Solid: 92.4%
Remarks:
Analyzed Date: 06/20/2007
Preparation Date(s) : 06/16/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
108-95-2	Phenol	A1699-884	22.3	22.3	ug/Kg	U
129-00-0	Pyrene	A1699-884	14.0	**229**	ug/Kg	
110-86-1	Pyridine	A1699-884	14.6	14.6	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	A1699-884	11.9	11.9	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	A1699-884	9.88	9.88	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	A1699-884	8.59	8.59	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	A1699-884	33.8	**66.7**	ug/Kg	BJ

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	A1699-884	74.9 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	A1699-884	62.1 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	A1699-884	60.8 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	A1699-884	54.3 %	(23 - 120)	
13127-88-3	PHENOL-D6	A1699-884	70.7 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	A1699-884	65.8 %	(18 - 137)	

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706162-2
Client Sample ID: TP12 (2-4)
Matrix: Soil
Type: Grab
Collected: 06/07/2007 12:05
% Solid: 80.3%
Remarks:
Analyzed Date: 06/19/2007
Preparation Date(s) : 06/16/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	A1698-872	9.42	9.42	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	A1698-872	12.0	12.0	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	A1698-872	11.9	11.9	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	A1698-872	9.67	9.67	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	A1698-872	7.80	7.80	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	A1698-872	16.2	16.2	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	A1698-872	14.2	14.2	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	A1698-872	11.6	11.6	ug/Kg	U
120-83-2	2,4-Dichlorophenol	A1698-872	10.2	10.2	ug/Kg	U
105-67-9	2,4-Dimethylphenol	A1698-872	8.39	8.39	ug/Kg	U
51-28-5	2,4-Dinitrophenol	A1698-872	63.1	63.1	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	A1698-872	7.93	7.93	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	A1698-872	9.01	9.01	ug/Kg	U
91-58-7	2-Chloronaphthalene	A1698-872	11.0	11.0	ug/Kg	U
95-57-8	2-Chlorophenol	A1698-872	13.1	13.1	ug/Kg	U
91-57-6	2-Methylnaphthalene	A1698-872	12.0	12.0	ug/Kg	U
95-48-7	2-Methylphenol	A1698-872	10.6	10.6	ug/Kg	U
88-74-4	2-Nitroaniline	A1698-872	9.42	9.42	ug/Kg	U
88-75-5	2-Nitrophenol	A1698-872	9.09	9.09	ug/Kg	U
106-44-5	3+4-Methylphenol	A1698-872	13.0	13.0	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	A1698-872	20.8	20.8	ug/Kg	U
99-09-2	3-Nitroaniline	A1698-872	15.9	15.9	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	A1698-872	182	182	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	A1698-872	15.6	15.6	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	A1698-872	19.1	19.1	ug/Kg	U
106-47-8	4-Chloroaniline	A1698-872	11.9	11.9	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	A1698-872	10.5	10.5	ug/Kg	U
100-01-6	4-Nitroaniline	A1698-872	20.0	20.0	ug/Kg	U
100-02-7	4-Nitrophenol	A1698-872	20.7	20.7	ug/Kg	U
83-32-9	Acenaphthene	A1698-872	10.1	**45.3**	ug/Kg	J
208-96-8	Acenaphthylene	A1698-872	12.2	12.2	ug/Kg	U
62-53-3	Aniline	A1698-872	13.2	13.2	ug/Kg	U
120-12-7	Anthracene	A1698-872	14.3	14.3	ug/Kg	U

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706162-2

Client Sample ID: TP12 (2-4)
Collected: 06/07/2007 12:05
Matrix: Soil
Type: Grab
% Solid: 80.3%
Remarks:
Analyzed Date: 06/19/2007
Preparation Date(s) : 06/16/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
92-87-5	Benzidine	A1698-872	432	432	ug/Kg	U
56-55-3	Benzo(a)anthracene	A1698-872	19.6	19.6	ug/Kg	U
50-32-8	Benzo(a)pyrene	A1698-872	16.5	16.5	ug/Kg	U
205-99-2	Benzo(b)fluoranthene	A1698-872	20.7	20.7	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	A1698-872	20.3	20.3	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	A1698-872	19.1	19.1	ug/Kg	U
65-85-0	Benzoic acid	A1698-872	1080	1080	ug/Kg	U
100-51-6	Benzyl alcohol	A1698-872	10.2	10.2	ug/Kg	U
85-68-7	Butyl benzyl phthalate	A1698-872	16.4	16.4	ug/Kg	U
86-74-8	Carbazole	A1698-872	34.0	34.0	ug/Kg	U
218-01-9	Chrysene	A1698-872	19.7	19.7	ug/Kg	U
	Cresols	A1698-872	23.6	23.6	ug/Kg	U
84-74-2	Di-n-butyl phthalate	A1698-872	16.9	**17.7**	ug/Kg	J
117-84-0	Di-n-octyl phthalate	A1698-872	16.6	16.6	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	A1698-872	21.7	21.7	ug/Kg	U
132-64-9	Dibenzofuran	A1698-872	14.6	14.6	ug/Kg	U
84-66-2	Diethyl phthalate	A1698-872	12.0	12.0	ug/Kg	U
131-11-3	Dimethyl phthalate	A1698-872	12.0	12.0	ug/Kg	U
206-44-0	Fluoranthene	A1698-872	18.8	**51.6**	ug/Kg	J
86-73-7	Fluorene	A1698-872	11.0	**73.3**	ug/Kg	J
118-74-1	Hexachlorobenzene	A1698-872	16.6	16.6	ug/Kg	U
87-68-3	Hexachlorobutadiene	A1698-872	12.0	12.0	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	A1698-872	3.09	3.09	ug/Kg	U
67-72-1	Hexachloroethane	A1698-872	9.05	9.05	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	A1698-872	17.6	17.6	ug/Kg	U
78-59-1	Isophorone	A1698-872	10.4	10.4	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	A1698-872	8.76	8.76	ug/Kg	U
62-75-9	N-Nitrosodimethylamine	A1698-872	11.9	11.9	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	A1698-872	13.9	13.9	ug/Kg	U
91-20-3	Naphthalene	A1698-872	12.9	12.9	ug/Kg	U
98-95-3	Nitrobenzene	A1698-872	15.2	15.2	ug/Kg	U
87-86-5	Pentachlorophenol	A1698-872	221	221	ug/Kg	U
85-01-8	Phenanthrene	A1698-872	14.3	**99.5**	ug/Kg	J

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706162-2

Client Sample ID: TP12 (2-4)
Collected: 06/07/2007 12:05
Matrix: Soil
Type: Grab
% Solid: 80.3%
Remarks:
Analyzed Date: 06/19/2007
Preparation Date(s) : 06/16/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
108-95-2	Phenol	A1698-872	25.6	25.6	ug/Kg	U
129-00-0	Pyrene	A1698-872	16.1	**49.7**	ug/Kg	J
110-86-1	Pyridine	A1698-872	16.8	16.8	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	A1698-872	13.7	13.7	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	A1698-872	11.4	11.4	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	A1698-872	9.88	9.88	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	A1698-872	38.9	38.9	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	A1698-872	72.2 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	A1698-872	64.5 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	A1698-872	62.0 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	A1698-872	59.6 %	(23 - 120)	
13127-88-3	PHENOL-D6	A1698-872	71.1 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	A1698-872	68.1 %	(18 - 137)	

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706162-4

Client Sample ID: TP13 (0-2)
Collected: 06/07/2007 12:24
Matrix: Soil
Type: Grab
% Solid: 90.2%
Remarks:
Analyzed Date: 06/19/2007
Preparation Date(s) : 06/16/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	A1698-880	33.6	33.6	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	A1698-880	42.7	42.7	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	A1698-880	42.4	42.4	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	A1698-880	34.4	34.4	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	A1698-880	27.8	27.8	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	A1698-880	57.6	57.6	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	A1698-880	50.6	50.6	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	A1698-880	41.2	41.2	ug/Kg	U
120-83-2	2,4-Dichlorophenol	A1698-880	36.2	36.2	ug/Kg	U
105-67-9	2,4-Dimethylphenol	A1698-880	29.9	29.9	ug/Kg	U
51-28-5	2,4-Dinitrophenol	A1698-880	225	225	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	A1698-880	28.2	28.2	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	A1698-880	32.1	32.1	ug/Kg	U
91-58-7	2-Chloronaphthalene	A1698-880	39.3	39.3	ug/Kg	U
95-57-8	2-Chlorophenol	A1698-880	46.6	46.6	ug/Kg	U
91-57-6	2-Methylnaphthalene	A1698-880	42.7	42.7	ug/Kg	U
95-48-7	2-Methylphenol	A1698-880	37.8	37.8	ug/Kg	U
88-74-4	2-Nitroaniline	A1698-880	33.6	33.6	ug/Kg	U
88-75-5	2-Nitrophenol	A1698-880	32.4	32.4	ug/Kg	U
106-44-5	3+4-Methylphenol	A1698-880	46.4	46.4	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	A1698-880	73.9	73.9	ug/Kg	U
99-09-2	3-Nitroaniline	A1698-880	56.8	56.8	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	A1698-880	647	647	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	A1698-880	55.7	55.7	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	A1698-880	67.8	67.8	ug/Kg	U
106-47-8	4-Chloroaniline	A1698-880	42.3	42.3	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	A1698-880	37.3	37.3	ug/Kg	U
100-01-6	4-Nitroaniline	A1698-880	71.1	71.1	ug/Kg	U
100-02-7	4-Nitrophenol	A1698-880	73.6	73.6	ug/Kg	U
83-32-9	Acenaphthene	A1698-880	36.1	**87.3**	ug/Kg	J
208-96-8	Acenaphthylene	A1698-880	43.5	**197**	ug/Kg	J
62-53-3	Aniline	A1698-880	46.9	46.9	ug/Kg	U
120-12-7	Anthracene	A1698-880	51.0	**230**	ug/Kg	J

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706162-4

Client Sample ID: TP13 (0-2)
Collected: 06/07/2007 12:24
Matrix: Soil
Type: Grab
% Solid: 90.2%
Remarks:
Analyzed Date: 06/19/2007
Preparation Date(s) : 06/16/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
92-87-5	Benzidine	A1698-880	1540	1540	ug/Kg	U
56-55-3	Benzo(a)anthracene	A1698-880	69.6	**515**	ug/Kg	J
50-32-8	Benzo(a)pyrene	A1698-880	58.8	**577**	ug/Kg	J
205-99-2	Benzo(b)fluoranthene	A1698-880	73.6	**483**	ug/Kg	J
191-24-2	Benzo(g,h,i)perylene	A1698-880	72.4	**294**	ug/Kg	J
207-08-9	Benzo(k)fluoranthene	A1698-880	68.0	**435**	ug/Kg	J
65-85-0	Benzoic acid	A1698-880	3830	3830	ug/Kg	U
100-51-6	Benzyl alcohol	A1698-880	36.4	36.4	ug/Kg	U
85-68-7	Butyl benzyl phthalate	A1698-880	58.2	58.2	ug/Kg	U
86-74-8	Carbazole	A1698-880	121	121	ug/Kg	U
218-01-9	Chrysene	A1698-880	70.2	**556**	ug/Kg	J
	Cresols	A1698-880	295	295	ug/Kg	U
84-74-2	Di-n-butyl phthalate	A1698-880	60.0	60.0	ug/Kg	U
117-84-0	Di-n-octyl phthalate	A1698-880	59.0	59.0	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	A1698-880	77.2	**114**	ug/Kg	J
132-64-9	Dibenzofuran	A1698-880	51.9	51.9	ug/Kg	U
84-66-2	Diethyl phthalate	A1698-880	42.7	42.7	ug/Kg	U
131-11-3	Dimethyl phthalate	A1698-880	42.9	42.9	ug/Kg	U
206-44-0	Fluoranthene	A1698-880	67.0	**818**	ug/Kg	
86-73-7	Fluorene	A1698-880	39.2	**94.0**	ug/Kg	J
118-74-1	Hexachlorobenzene	A1698-880	59.3	59.3	ug/Kg	U
87-68-3	Hexachlorobutadiene	A1698-880	42.6	42.6	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	A1698-880	11.0	11.0	ug/Kg	U
67-72-1	Hexachloroethane	A1698-880	32.2	32.2	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	A1698-880	62.5	**274**	ug/Kg	J
78-59-1	Isophorone	A1698-880	37.0	37.0	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	A1698-880	31.2	31.2	ug/Kg	U
62-75-9	N-Nitrosodimethylamine	A1698-880	42.3	42.3	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	A1698-880	49.4	49.4	ug/Kg	U
91-20-3	Naphthalene	A1698-880	46.0	46.0	ug/Kg	U
98-95-3	Nitrobenzene	A1698-880	54.2	54.2	ug/Kg	U
87-86-5	Pentachlorophenol	A1698-880	788	788	ug/Kg	U
85-01-8	Phenanthrene	A1698-880	50.8	**417**	ug/Kg	J

Environmental Testing Laboratories, Inc.
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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706162-4

Client Sample ID: TP13 (0-2)
Collected: 06/07/2007 12:24
Matrix: Soil
Type: Grab
% Solid: 90.2%
Remarks:
Analyzed Date: 06/19/2007
Preparation Date(s) : 06/16/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
108-95-2	Phenol	A1698-880	91.2	91.2	ug/Kg	U
129-00-0	Pyrene	A1698-880	57.4	**885**	ug/Kg	
110-86-1	Pyridine	A1698-880	59.9	59.9	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	A1698-880	48.8	48.8	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	A1698-880	40.5	40.5	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	A1698-880	35.2	35.2	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	A1698-880	138	138	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	A1698-880	46.6 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	A1698-880	63.5 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	A1698-880	68.0 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	A1698-880	61.2 %	(23 - 120)	
13127-88-3	PHENOL-D6	A1698-880	62.0 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	A1698-880	65.9 %	(18 - 137)	

Environmental Testing Laboratories, Inc.
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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706162-5

Client Sample ID: TP13 (2-4)
Collected: 06/07/2007 12:29
Matrix: Soil
Type: Grab
% Solid: 72.9%
Remarks:
Analyzed Date: 06/19/2007
Preparation Date(s) : 06/16/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	A1698-875	10.4	10.4	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	A1698-875	13.2	13.2	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	A1698-875	13.1	13.1	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	A1698-875	10.7	10.7	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	A1698-875	8.60	8.60	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	A1698-875	17.8	17.8	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	A1698-875	15.6	15.6	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	A1698-875	12.8	12.8	ug/Kg	U
120-83-2	2,4-Dichlorophenol	A1698-875	11.2	11.2	ug/Kg	U
105-67-9	2,4-Dimethylphenol	A1698-875	9.24	9.24	ug/Kg	U
51-28-5	2,4-Dinitrophenol	A1698-875	69.5	69.5	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	A1698-875	8.73	8.73	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	A1698-875	9.92	9.92	ug/Kg	U
91-58-7	2-Chloronaphthalene	A1698-875	12.2	12.2	ug/Kg	U
95-57-8	2-Chlorophenol	A1698-875	14.4	14.4	ug/Kg	U
91-57-6	2-Methylnaphthalene	A1698-875	13.2	13.2	ug/Kg	U
95-48-7	2-Methylphenol	A1698-875	11.7	11.7	ug/Kg	U
88-74-4	2-Nitroaniline	A1698-875	10.4	10.4	ug/Kg	U
88-75-5	2-Nitrophenol	A1698-875	10.0	10.0	ug/Kg	U
106-44-5	3+4-Methylphenol	A1698-875	14.4	14.4	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	A1698-875	22.9	22.9	ug/Kg	U
99-09-2	3-Nitroaniline	A1698-875	17.6	17.6	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	A1698-875	200	200	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	A1698-875	17.2	17.2	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	A1698-875	21.0	21.0	ug/Kg	U
106-47-8	4-Chloroaniline	A1698-875	13.1	13.1	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	A1698-875	11.5	11.5	ug/Kg	U
100-01-6	4-Nitroaniline	A1698-875	22.0	22.0	ug/Kg	U
100-02-7	4-Nitrophenol	A1698-875	22.8	22.8	ug/Kg	U
83-32-9	Acenaphthene	A1698-875	11.2	11.2	ug/Kg	U
208-96-8	Acenaphthylene	A1698-875	13.4	13.4	ug/Kg	U
62-53-3	Aniline	A1698-875	14.5	14.5	ug/Kg	U
120-12-7	Anthracene	A1698-875	15.8	**35.9**	ug/Kg	J

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706162-5

Client Sample ID: TP13 (2-4)
Collected: 06/07/2007 12:29
Matrix: Soil
Type: Grab
% Solid: 72.9%
Remarks:
Analyzed Date: 06/19/2007
Preparation Date(s) : 06/16/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
92-87-5	Benzidine	A1698-875	476	476	ug/Kg	U
56-55-3	Benzo(a)anthracene	A1698-875	21.5	**68.1**	ug/Kg	J
50-32-8	Benzo(a)pyrene	A1698-875	18.2	**62.2**	ug/Kg	J
205-99-2	Benzo(b)fluoranthene	A1698-875	22.8	**63.0**	ug/Kg	J
191-24-2	Benzo(g,h,i)perylene	A1698-875	22.4	**36.7**	ug/Kg	J
207-08-9	Benzo(k)fluoranthene	A1698-875	21.0	**45.9**	ug/Kg	J
65-85-0	Benzoic acid	A1698-875	1180	1180	ug/Kg	U
100-51-6	Benzyl alcohol	A1698-875	11.2	11.2	ug/Kg	U
85-68-7	Butyl benzyl phthalate	A1698-875	18.0	18.0	ug/Kg	U
86-74-8	Carbazole	A1698-875	37.5	37.5	ug/Kg	U
218-01-9	Chrysene	A1698-875	21.7	**78.3**	ug/Kg	J
	Cresols	A1698-875	52.2	52.2	ug/Kg	U
84-74-2	Di-n-butyl phthalate	A1698-875	18.6	18.6	ug/Kg	U
117-84-0	Di-n-octyl phthalate	A1698-875	18.2	18.2	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	A1698-875	23.9	23.9	ug/Kg	U
132-64-9	Dibenzofuran	A1698-875	16.0	16.0	ug/Kg	U
84-66-2	Diethyl phthalate	A1698-875	13.2	13.2	ug/Kg	U
131-11-3	Dimethyl phthalate	A1698-875	13.3	13.3	ug/Kg	U
206-44-0	Fluoranthene	A1698-875	20.7	**94.7**	ug/Kg	J
86-73-7	Fluorene	A1698-875	12.1	**40.6**	ug/Kg	J
118-74-1	Hexachlorobenzene	A1698-875	18.3	18.3	ug/Kg	U
87-68-3	Hexachlorobutadiene	A1698-875	13.2	13.2	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	A1698-875	3.40	3.40	ug/Kg	U
67-72-1	Hexachloroethane	A1698-875	9.97	9.97	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	A1698-875	19.3	**34.3**	ug/Kg	J
78-59-1	Isophorone	A1698-875	11.4	11.4	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	A1698-875	9.65	9.65	ug/Kg	U
62-75-9	N-Nitrosodimethylamine	A1698-875	13.1	13.1	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	A1698-875	15.3	15.3	ug/Kg	U
91-20-3	Naphthalene	A1698-875	14.2	14.2	ug/Kg	U
98-95-3	Nitrobenzene	A1698-875	16.8	16.8	ug/Kg	U
87-86-5	Pentachlorophenol	A1698-875	244	244	ug/Kg	U
85-01-8	Phenanthrene	A1698-875	15.7	**154**	ug/Kg	J

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706162-5

Client Sample ID: TP13 (2-4)
Collected: 06/07/2007 12:29
Matrix: Soil
Type: Grab
% Solid: 72.9%
Remarks:
Analyzed Date: 06/19/2007
Preparation Date(s) : 06/16/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
108-95-2	Phenol	A1698-875	28.2	28.2	ug/Kg	U
129-00-0	Pyrene	A1698-875	17.7	**153**	ug/Kg	J
110-86-1	Pyridine	A1698-875	18.5	18.5	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	A1698-875	15.1	15.1	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	A1698-875	12.5	12.5	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	A1698-875	10.9	10.9	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	A1698-875	42.8	**48.6**	ug/Kg	BJ

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	A1698-875	59.6 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	A1698-875	55.5 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	A1698-875	48.0 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	A1698-875	45.9 %	(23 - 120)	
13127-88-3	PHENOL-D6	A1698-875	63.9 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	A1698-875	61.1 %	(18 - 137)	

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706162-7

Client Sample ID: TP14 (0-2)
Collected: 06/07/2007 13:25
Matrix: Soil
Type: Grab
% Solid: 85.9%
Remarks: See Case Narrative
Analyzed Date: 06/19/2007
Preparation Date(s) : 06/16/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	A1698-873	8.81	8.81	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	A1698-873	11.2	11.2	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	A1698-873	11.1	11.1	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	A1698-873	9.04	9.04	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	A1698-873	7.30	7.30	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	A1698-873	15.1	15.1	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	A1698-873	13.3	13.3	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	A1698-873	10.8	10.8	ug/Kg	U
120-83-2	2,4-Dichlorophenol	A1698-873	9.51	9.51	ug/Kg	U
105-67-9	2,4-Dimethylphenol	A1698-873	7.84	7.84	ug/Kg	U
51-28-5	2,4-Dinitrophenol	A1698-873	59.0	59.0	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	A1698-873	7.41	7.41	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	A1698-873	8.42	8.42	ug/Kg	U
91-58-7	2-Chloronaphthalene	A1698-873	10.3	10.3	ug/Kg	U
95-57-8	2-Chlorophenol	A1698-873	12.2	12.2	ug/Kg	U
91-57-6	2-Methylnaphthalene	A1698-873	11.2	11.2	ug/Kg	U
95-48-7	2-Methylphenol	A1698-873	9.93	9.93	ug/Kg	U
88-74-4	2-Nitroaniline	A1698-873	8.81	8.81	ug/Kg	U
88-75-5	2-Nitrophenol	A1698-873	8.50	8.50	ug/Kg	U
106-44-5	3+4-Methylphenol	A1698-873	12.2	12.2	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	A1698-873	19.4	19.4	ug/Kg	U
99-09-2	3-Nitroaniline	A1698-873	14.9	14.9	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	A1698-873	170	170	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	A1698-873	14.6	14.6	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	A1698-873	17.8	17.8	ug/Kg	U
106-47-8	4-Chloroaniline	A1698-873	11.1	11.1	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	A1698-873	9.78	9.78	ug/Kg	U
100-01-6	4-Nitroaniline	A1698-873	18.7	18.7	ug/Kg	U
100-02-7	4-Nitrophenol	A1698-873	19.3	19.3	ug/Kg	U
83-32-9	Acenaphthene	A1698-873	9.47	9.47	ug/Kg	U
208-96-8	Acenaphthylene	A1698-873	11.4	11.4	ug/Kg	U
62-53-3	Aniline	A1698-873	12.3	12.3	ug/Kg	U
120-12-7	Anthracene	A1698-873	13.4	13.4	ug/Kg	U

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706162-7

Client Sample ID: TP14 (0-2)
Collected: 06/07/2007 13:25
Matrix: Soil
Type: Grab
% Solid: 85.9%
Remarks: See Case Narrative
Analyzed Date: 06/19/2007
Preparation Date(s) : 06/16/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
92-87-5	Benzidine	A1698-873	404	404	ug/Kg	U
56-55-3	Benzo(a)anthracene	A1698-873	18.3	**29.9**	ug/Kg	J
50-32-8	Benzo(a)pyrene	A1698-873	15.4	**28.2**	ug/Kg	J
205-99-2	Benzo(b)fluoranthene	A1698-873	19.3	**26.0**	ug/Kg	J
191-24-2	Benzo(g,h,i)perylene	A1698-873	19.0	**20.7**	ug/Kg	J
207-08-9	Benzo(k)fluoranthene	A1698-873	17.9	**24.9**	ug/Kg	J
65-85-0	Benzoic acid	A1698-873	1010	1010	ug/Kg	U
100-51-6	Benzyl alcohol	A1698-873	9.55	9.55	ug/Kg	U
85-68-7	Butyl benzyl phthalate	A1698-873	15.3	15.3	ug/Kg	U
86-74-8	Carbazole	A1698-873	31.8	31.8	ug/Kg	U
218-01-9	Chrysene	A1698-873	18.4	**32.9**	ug/Kg	J
	Cresols	A1698-873	22.1	22.1	ug/Kg	U
84-74-2	Di-n-butyl phthalate	A1698-873	15.8	**29.3**	ug/Kg	J
117-84-0	Di-n-octyl phthalate	A1698-873	15.5	15.5	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	A1698-873	20.3	20.3	ug/Kg	U
132-64-9	Dibenzofuran	A1698-873	13.6	13.6	ug/Kg	U
84-66-2	Diethyl phthalate	A1698-873	11.2	11.2	ug/Kg	U
131-11-3	Dimethyl phthalate	A1698-873	11.3	11.3	ug/Kg	U
206-44-0	Fluoranthene	A1698-873	17.6	**57.6**	ug/Kg	J
86-73-7	Fluorene	A1698-873	10.3	10.3	ug/Kg	U
118-74-1	Hexachlorobenzene	A1698-873	15.6	15.6	ug/Kg	U
87-68-3	Hexachlorobutadiene	A1698-873	11.2	11.2	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	A1698-873	2.89	2.89	ug/Kg	U
67-72-1	Hexachloroethane	A1698-873	8.46	8.46	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	A1698-873	16.4	**18.4**	ug/Kg	J
78-59-1	Isophorone	A1698-873	9.70	9.70	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	A1698-873	8.19	8.19	ug/Kg	U
62-75-9	N-Nitrosodimethylamine	A1698-873	11.1	11.1	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	A1698-873	13.0	13.0	ug/Kg	U
91-20-3	Naphthalene	A1698-873	12.1	12.1	ug/Kg	U
98-95-3	Nitrobenzene	A1698-873	14.2	14.2	ug/Kg	U
87-86-5	Pentachlorophenol	A1698-873	207	207	ug/Kg	U
85-01-8	Phenanthrene	A1698-873	13.3	**31.7**	ug/Kg	J

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706162-7

Client Sample ID: TP14 (0-2)
Collected: 06/07/2007 13:25
Matrix: Soil
Type: Grab
% Solid: 85.9%
Remarks: See Case Narrative
Analyzed Date: 06/19/2007
Preparation Date(s) : 06/16/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
108-95-2	Phenol	A1698-873	23.9	23.9	ug/Kg	U
129-00-0	Pyrene	A1698-873	15.1	**51.2**	ug/Kg	J
110-86-1	Pyridine	A1698-873	15.7	15.7	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	A1698-873	12.8	12.8	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	A1698-873	10.6	10.6	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	A1698-873	9.24	9.24	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	A1698-873	36.3	**37.3**	ug/Kg	BJ

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	A1698-873	72.9 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	A1698-873	70.4 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	A1698-873	75.7 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	A1698-873	69.8 %	(23 - 120)	
13127-88-3	PHENOL-D6	A1698-873	85.1 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	A1698-873	74.2 %	(18 - 137)	

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706162-8

Client Sample ID: TP14 (2-6)
Collected: 06/07/2007 13:30
Matrix: Soil
Type: Grab
% Solid: 74%
Remarks:
Analyzed Date: 06/19/2007
Preparation Date(s) : 06/16/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	A1698-881	40.9	40.9	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	A1698-881	52.1	52.1	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	A1698-881	51.7	51.7	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	A1698-881	42.0	42.0	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	A1698-881	33.9	33.9	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	A1698-881	70.3	70.3	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	A1698-881	61.6	61.6	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	A1698-881	50.3	50.3	ug/Kg	U
120-83-2	2,4-Dichlorophenol	A1698-881	44.1	44.1	ug/Kg	U
105-67-9	2,4-Dimethylphenol	A1698-881	36.4	36.4	ug/Kg	U
51-28-5	2,4-Dinitrophenol	A1698-881	274	274	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	A1698-881	34.4	34.4	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	A1698-881	39.1	39.1	ug/Kg	U
91-58-7	2-Chloronaphthalene	A1698-881	47.9	47.9	ug/Kg	U
95-57-8	2-Chlorophenol	A1698-881	56.8	56.8	ug/Kg	U
91-57-6	2-Methylnaphthalene	A1698-881	52.1	52.1	ug/Kg	U
95-48-7	2-Methylphenol	A1698-881	46.1	46.1	ug/Kg	U
88-74-4	2-Nitroaniline	A1698-881	40.9	40.9	ug/Kg	U
88-75-5	2-Nitrophenol	A1698-881	39.5	39.5	ug/Kg	U
106-44-5	3+4-Methylphenol	A1698-881	56.6	56.6	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	A1698-881	90.1	90.1	ug/Kg	U
99-09-2	3-Nitroaniline	A1698-881	69.2	69.2	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	A1698-881	789	789	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	A1698-881	67.9	67.9	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	A1698-881	82.7	82.7	ug/Kg	U
106-47-8	4-Chloroaniline	A1698-881	51.5	51.5	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	A1698-881	45.4	45.4	ug/Kg	U
100-01-6	4-Nitroaniline	A1698-881	86.7	86.7	ug/Kg	U
100-02-7	4-Nitrophenol	A1698-881	89.7	89.7	ug/Kg	U
83-32-9	Acenaphthene	A1698-881	44.0	44.0	ug/Kg	U
208-96-8	Acenaphthylene	A1698-881	53.0	53.0	ug/Kg	U
62-53-3	Aniline	A1698-881	57.1	57.1	ug/Kg	U
120-12-7	Anthracene	A1698-881	62.2	**69.2**	ug/Kg	J

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706162-8

Client Sample ID: TP14 (2-6)
Collected: 06/07/2007 13:30
Matrix: Soil
Type: Grab
% Solid: 74%
Remarks:
Analyzed Date: 06/19/2007
Preparation Date(s) : 06/16/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
92-87-5	Benzidine	A1698-881	1870	1870	ug/Kg	U
56-55-3	Benzo(a)anthracene	A1698-881	84.9	**178**	ug/Kg	J
50-32-8	Benzo(a)pyrene	A1698-881	71.7	**175**	ug/Kg	J
205-99-2	Benzo(b)fluoranthene	A1698-881	89.7	**185**	ug/Kg	J
191-24-2	Benzo(g,h,i)perylene	A1698-881	88.3	88.3	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	A1698-881	82.9	**203**	ug/Kg	J
65-85-0	Benzoic acid	A1698-881	4670	4670	ug/Kg	U
100-51-6	Benzyl alcohol	A1698-881	44.3	44.3	ug/Kg	U
85-68-7	Butyl benzyl phthalate	A1698-881	71.0	71.0	ug/Kg	U
86-74-8	Carbazole	A1698-881	148	148	ug/Kg	U
218-01-9	Chrysene	A1698-881	85.6	**199**	ug/Kg	J
	Cresols	A1698-881	359	359	ug/Kg	U
84-74-2	Di-n-butyl phthalate	A1698-881	73.2	73.2	ug/Kg	U
117-84-0	Di-n-octyl phthalate	A1698-881	71.9	71.9	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	A1698-881	94.1	94.1	ug/Kg	U
132-64-9	Dibenzofuran	A1698-881	63.2	63.2	ug/Kg	U
84-66-2	Diethyl phthalate	A1698-881	52.1	52.1	ug/Kg	U
131-11-3	Dimethyl phthalate	A1698-881	52.3	**77.4**	ug/Kg	J
206-44-0	Fluoranthene	A1698-881	81.6	**318**	ug/Kg	J
86-73-7	Fluorene	A1698-881	47.7	**49.9**	ug/Kg	J
118-74-1	Hexachlorobenzene	A1698-881	72.3	72.3	ug/Kg	U
87-68-3	Hexachlorobutadiene	A1698-881	51.9	51.9	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	A1698-881	13.4	13.4	ug/Kg	U
67-72-1	Hexachloroethane	A1698-881	39.3	39.3	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	A1698-881	76.2	**88.4**	ug/Kg	J
78-59-1	Isophorone	A1698-881	45.0	45.0	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	A1698-881	38.0	38.0	ug/Kg	U
62-75-9	N-Nitrosodimethylamine	A1698-881	51.5	51.5	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	A1698-881	60.2	60.2	ug/Kg	U
91-20-3	Naphthalene	A1698-881	56.0	56.0	ug/Kg	U
98-95-3	Nitrobenzene	A1698-881	66.1	66.1	ug/Kg	U
87-86-5	Pentachlorophenol	A1698-881	960	960	ug/Kg	U
85-01-8	Phenanthrene	A1698-881	62.0	**233**	ug/Kg	J

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706162-8

Client Sample ID: TP14 (2-6)
Collected: 06/07/2007 13:30
Matrix: Soil
Type: Grab
% Solid: 74%
Remarks:
Analyzed Date: 06/19/2007
Preparation Date(s) : 06/16/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
108-95-2	Phenol	A1698-881	111	111	ug/Kg	U
129-00-0	Pyrene	A1698-881	69.9	**357**	ug/Kg	J
110-86-1	Pyridine	A1698-881	73.0	73.0	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	A1698-881	59.5	59.5	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	A1698-881	49.4	49.4	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	A1698-881	42.9	42.9	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	A1698-881	169	169	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	A1698-881	58.9 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	A1698-881	70.6 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	A1698-881	72.2 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	A1698-881	65.7 %	(23 - 120)	
13127-88-3	PHENOL-D6	A1698-881	32.1 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	A1698-881	73.5 %	(18 - 137)	

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706162-10

Client Sample ID: TP15 (0-4)
Collected: 06/07/2007 13:07
Matrix: Soil
Type: Grab
% Solid: 78.1%
Remarks:
Analyzed Date: 06/19/2007
Preparation Date(s) : 06/16/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	A1698-882	38.8	38.8	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	A1698-882	49.3	49.3	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	A1698-882	49.0	49.0	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	A1698-882	39.8	39.8	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	A1698-882	32.1	32.1	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	A1698-882	66.6	66.6	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	A1698-882	58.4	58.4	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	A1698-882	47.6	47.6	ug/Kg	U
120-83-2	2,4-Dichlorophenol	A1698-882	41.8	41.8	ug/Kg	U
105-67-9	2,4-Dimethylphenol	A1698-882	34.5	34.5	ug/Kg	U
51-28-5	2,4-Dinitrophenol	A1698-882	259	259	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	A1698-882	32.6	32.6	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	A1698-882	37.0	37.0	ug/Kg	U
91-58-7	2-Chloronaphthalene	A1698-882	45.4	45.4	ug/Kg	U
95-57-8	2-Chlorophenol	A1698-882	53.8	53.8	ug/Kg	U
91-57-6	2-Methylnaphthalene	A1698-882	49.3	49.3	ug/Kg	U
95-48-7	2-Methylphenol	A1698-882	43.7	43.7	ug/Kg	U
88-74-4	2-Nitroaniline	A1698-882	38.8	38.8	ug/Kg	U
88-75-5	2-Nitrophenol	A1698-882	37.4	37.4	ug/Kg	U
106-44-5	3+4-Methylphenol	A1698-882	53.6	53.6	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	A1698-882	85.4	85.4	ug/Kg	U
99-09-2	3-Nitroaniline	A1698-882	65.6	65.6	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	A1698-882	748	748	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	A1698-882	64.4	64.4	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	A1698-882	78.4	78.4	ug/Kg	U
106-47-8	4-Chloroaniline	A1698-882	48.8	48.8	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	A1698-882	43.0	43.0	ug/Kg	U
100-01-6	4-Nitroaniline	A1698-882	82.1	82.1	ug/Kg	U
100-02-7	4-Nitrophenol	A1698-882	85.0	85.0	ug/Kg	U
83-32-9	Acenaphthene	A1698-882	41.7	41.7	ug/Kg	U
208-96-8	Acenaphthylene	A1698-882	50.2	**90.0**	ug/Kg	J
62-53-3	Aniline	A1698-882	54.1	54.1	ug/Kg	U
120-12-7	Anthracene	A1698-882	58.9	**180**	ug/Kg	J

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706162-10

Client Sample ID: TP15 (0-4)
Collected: 06/07/2007 13:07
Matrix: Soil
Type: Grab
% Solid: 78.1%
Remarks:
Analyzed Date: 06/19/2007
Preparation Date(s) : 06/16/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
92-87-5	Benzidine	A1698-882	1780	1780	ug/Kg	U
56-55-3	Benzo(a)anthracene	A1698-882	80.4	**843**	ug/Kg	J
50-32-8	Benzo(a)pyrene	A1698-882	67.9	**981**	ug/Kg	
205-99-2	Benzo(b)fluoranthene	A1698-882	85.0	**731**	ug/Kg	J
191-24-2	Benzo(g,h,i)perylene	A1698-882	83.7	**403**	ug/Kg	J
207-08-9	Benzo(k)fluoranthene	A1698-882	78.5	**993**	ug/Kg	
65-85-0	Benzoic acid	A1698-882	4420	4420	ug/Kg	U
100-51-6	Benzyl alcohol	A1698-882	42.0	42.0	ug/Kg	U
85-68-7	Butyl benzyl phthalate	A1698-882	67.3	67.3	ug/Kg	U
86-74-8	Carbazole	A1698-882	140	140	ug/Kg	U
218-01-9	Chrysene	A1698-882	81.1	**854**	ug/Kg	
	Cresols	A1698-882	340	340	ug/Kg	U
84-74-2	Di-n-butyl phthalate	A1698-882	69.3	69.3	ug/Kg	U
117-84-0	Di-n-octyl phthalate	A1698-882	68.1	68.1	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	A1698-882	89.1	**166**	ug/Kg	J
132-64-9	Dibenzofuran	A1698-882	59.9	59.9	ug/Kg	U
84-66-2	Diethyl phthalate	A1698-882	49.3	49.3	ug/Kg	U
131-11-3	Dimethyl phthalate	A1698-882	49.5	49.5	ug/Kg	U
206-44-0	Fluoranthene	A1698-882	77.3	**1320**	ug/Kg	
86-73-7	Fluorene	A1698-882	45.2	45.2	ug/Kg	U
118-74-1	Hexachlorobenzene	A1698-882	68.5	68.5	ug/Kg	U
87-68-3	Hexachlorobutadiene	A1698-882	49.2	49.2	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	A1698-882	12.7	12.7	ug/Kg	U
67-72-1	Hexachloroethane	A1698-882	37.2	37.2	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	A1698-882	72.2	**427**	ug/Kg	J
78-59-1	Isophorone	A1698-882	42.7	42.7	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	A1698-882	36.0	36.0	ug/Kg	U
62-75-9	N-Nitrosodimethylamine	A1698-882	48.8	48.8	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	A1698-882	57.0	57.0	ug/Kg	U
91-20-3	Naphthalene	A1698-882	53.1	53.1	ug/Kg	U
98-95-3	Nitrobenzene	A1698-882	62.7	62.7	ug/Kg	U
87-86-5	Pentachlorophenol	A1698-882	910	910	ug/Kg	U
85-01-8	Phenanthrene	A1698-882	58.7	**432**	ug/Kg	J

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706162-10

Client Sample ID: TP15 (0-4)
Collected: 06/07/2007 13:07
Matrix: Soil
Type: Grab
% Solid: 78.1%
Remarks:
Analyzed Date: 06/19/2007
Preparation Date(s) : 06/16/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
108-95-2	Phenol	A1698-882	105	105	ug/Kg	U
129-00-0	Pyrene	A1698-882	66.2	**1380**	ug/Kg	
110-86-1	Pyridine	A1698-882	69.1	69.1	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	A1698-882	56.3	56.3	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	A1698-882	46.8	46.8	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	A1698-882	40.6	40.6	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	A1698-882	160	160	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	A1698-882	40.0 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	A1698-882	56.2 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	A1698-882	57.8 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	A1698-882	52.8 %	(23 - 120)	
13127-88-3	PHENOL-D6	A1698-882	69.0 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	A1698-882	57.5 %	(18 - 137)	

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706162-11
Client Sample ID: TP15 (4-6)
Matrix: Soil Type: Grab
Remarks:
Analyzed Date: 06/19/2007
Preparation Date(s) : 06/16/2007

Collected: 06/07/2007 13:10
% Solid: 86.1%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	A1698-874	8.79	8.79	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	A1698-874	11.2	11.2	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	A1698-874	11.1	11.1	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	A1698-874	9.02	9.02	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	A1698-874	7.28	7.28	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	A1698-874	15.1	15.1	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	A1698-874	13.2	13.2	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	A1698-874	10.8	10.8	ug/Kg	U
120-83-2	2,4-Dichlorophenol	A1698-874	9.49	9.49	ug/Kg	U
105-67-9	2,4-Dimethylphenol	A1698-874	7.82	7.82	ug/Kg	U
51-28-5	2,4-Dinitrophenol	A1698-874	58.8	58.8	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	A1698-874	7.39	7.39	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	A1698-874	8.40	8.40	ug/Kg	U
91-58-7	2-Chloronaphthalene	A1698-874	10.3	10.3	ug/Kg	U
95-57-8	2-Chlorophenol	A1698-874	12.2	12.2	ug/Kg	U
91-57-6	2-Methylnaphthalene	A1698-874	11.2	11.2	ug/Kg	U
95-48-7	2-Methylphenol	A1698-874	9.91	9.91	ug/Kg	U
88-74-4	2-Nitroaniline	A1698-874	8.79	8.79	ug/Kg	U
88-75-5	2-Nitrophenol	A1698-874	8.48	8.48	ug/Kg	U
106-44-5	3+4-Methylphenol	A1698-874	12.2	12.2	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	A1698-874	19.4	19.4	ug/Kg	U
99-09-2	3-Nitroaniline	A1698-874	14.9	14.9	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	A1698-874	170	170	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	A1698-874	14.6	14.6	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	A1698-874	17.8	17.8	ug/Kg	U
106-47-8	4-Chloroaniline	A1698-874	11.1	11.1	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	A1698-874	9.76	9.76	ug/Kg	U
100-01-6	4-Nitroaniline	A1698-874	18.6	18.6	ug/Kg	U
100-02-7	4-Nitrophenol	A1698-874	19.3	19.3	ug/Kg	U
83-32-9	Acenaphthene	A1698-874	9.45	**58.2**	ug/Kg	J
208-96-8	Acenaphthylene	A1698-874	11.4	**25.4**	ug/Kg	J
62-53-3	Aniline	A1698-874	12.3	12.3	ug/Kg	U
120-12-7	Anthracene	A1698-874	13.4	**45.0**	ug/Kg	J

Environmental Testing Laboratories, Inc.
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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706162-11

Client Sample ID: TP15 (4-6)
Collected: 06/07/2007 13:10
Matrix: Soil
Type: Grab
% Solid: 86.1%
Remarks:
Analyzed Date: 06/19/2007
Preparation Date(s) : 06/16/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
92-87-5	Benzidine	A1698-874	403	403	ug/Kg	U
56-55-3	Benzo(a)anthracene	A1698-874	18.2	**174**	ug/Kg	J
50-32-8	Benzo(a)pyrene	A1698-874	15.4	**184**	ug/Kg	J
205-99-2	Benzo(b)fluoranthene	A1698-874	19.3	**154**	ug/Kg	J
191-24-2	Benzo(g,h,i)perylene	A1698-874	19.0	**124**	ug/Kg	J
207-08-9	Benzo(k)fluoranthene	A1698-874	17.8	**147**	ug/Kg	J
65-85-0	Benzoic acid	A1698-874	1000	1000	ug/Kg	U
100-51-6	Benzyl alcohol	A1698-874	9.52	9.52	ug/Kg	U
85-68-7	Butyl benzyl phthalate	A1698-874	15.3	15.3	ug/Kg	U
86-74-8	Carbazole	A1698-874	31.7	31.7	ug/Kg	U
218-01-9	Chrysene	A1698-874	18.4	**189**	ug/Kg	J
	Cresols	A1698-874	22.1	22.1	ug/Kg	U
84-74-2	Di-n-butyl phthalate	A1698-874	15.7	15.7	ug/Kg	U
117-84-0	Di-n-octyl phthalate	A1698-874	15.4	15.4	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	A1698-874	20.2	**36.0**	ug/Kg	J
132-64-9	Dibenzofuran	A1698-874	13.6	**21.5**	ug/Kg	J
84-66-2	Diethyl phthalate	A1698-874	11.2	11.2	ug/Kg	U
131-11-3	Dimethyl phthalate	A1698-874	11.2	11.2	ug/Kg	U
206-44-0	Fluoranthene	A1698-874	17.5	**240**	ug/Kg	
86-73-7	Fluorene	A1698-874	10.3	**44.8**	ug/Kg	J
118-74-1	Hexachlorobenzene	A1698-874	15.5	15.5	ug/Kg	U
87-68-3	Hexachlorobutadiene	A1698-874	11.1	11.1	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	A1698-874	2.88	2.88	ug/Kg	U
67-72-1	Hexachloroethane	A1698-874	8.44	8.44	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	A1698-874	16.4	**120**	ug/Kg	J
78-59-1	Isophorone	A1698-874	9.68	9.68	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	A1698-874	8.17	8.17	ug/Kg	U
62-75-9	N-Nitrosodimethylamine	A1698-874	11.1	11.1	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	A1698-874	12.9	12.9	ug/Kg	U
91-20-3	Naphthalene	A1698-874	12.0	12.0	ug/Kg	U
98-95-3	Nitrobenzene	A1698-874	14.2	14.2	ug/Kg	U
87-86-5	Pentachlorophenol	A1698-874	206	206	ug/Kg	U
85-01-8	Phenanthrene	A1698-874	13.3	**169**	ug/Kg	J

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706162-11

Client Sample ID: TP15 (4-6)
Collected: 06/07/2007 13:10
Matrix: Soil
Type: Grab
% Solid: 86.1%
Remarks:
Analyzed Date: 06/19/2007
Preparation Date(s) : 06/16/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
108-95-2	Phenol	A1698-874	23.9	23.9	ug/Kg	U
129-00-0	Pyrene	A1698-874	15.0	15.0	ug/Kg	U
110-86-1	Pyridine	A1698-874	15.7	15.7	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	A1698-874	12.8	12.8	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	A1698-874	10.6	10.6	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	A1698-874	9.21	9.21	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	A1698-874	36.2	36.2	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	A1698-874	61.5 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	A1698-874	62.1 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	A1698-874	62.5 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	A1698-874	59.6 %	(23 - 120)	
13127-88-3	PHENOL-D6	A1698-874	72.5 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	A1698-874	59.6 %	(18 - 137)	

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05/22/2008

TPH - Method 8015B

Sample: 0706162-1

Client Sample ID: TP12 (0-2)
Matrix: Soil
Remarks:
Analyzed Date: 06/15/2007
Preparation Date(s) : 06/14/2007

Type: Grab

Collected: 06/07/2007 12:00
% Solid: 92.4%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Diesel Range Organics	H593-28	13.0	**66.4**	mg/Kg	

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	H593-28	34.9 %	(30 - 150)	

Sample: 0706162-2

Client Sample ID: TP12 (2-4)
Matrix: Soil
Remarks:
Analyzed Date: 06/15/2007
Preparation Date(s) : 06/14/2007

Type: Grab

Collected: 06/07/2007 12:05
% Solid: 80.3%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Diesel Range Organics	H593-29	14.9	**150**	mg/Kg	

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	H593-29	47.1 %	(30 - 150)	

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05/22/2008

TPH - Method 8015B

Sample: 0706162-4

Client Sample ID: TP13 (0-2)
Matrix: Soil
Remarks:
Analyzed Date: 06/15/2007
Preparation Date(s) : 06/14/2007

Type: Grab

Collected: 06/07/2007 12:24
% Solid: 90.2%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Diesel Range Organics	H593-30	13.3	**36.6**	mg/Kg	

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	H593-30	55.1 %	(30 - 150)	

Sample: 0706162-5

Client Sample ID: TP13 (2-4)
Matrix: Soil
Remarks:
Analyzed Date: 06/15/2007
Preparation Date(s) : 06/14/2007

Type: Grab

Collected: 06/07/2007 12:29
% Solid: 72.9%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Diesel Range Organics	H593-31	16.5	**91.4**	mg/Kg	

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	H593-31	63.9 %	(30 - 150)	

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05/22/2008

TPH - Method 8015B

Sample: 0706162-7

Client Sample ID: TP14 (0-2)
Matrix: Soil
Remarks:
Analyzed Date: 06/15/2007
Preparation Date(s) : 06/14/2007

Type: Grab

Collected: 06/07/2007 13:25
% Solid: 85.9%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Diesel Range Organics	H593-32	14.0	**72.4**	mg/Kg	

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	H593-32	53.1 %	(30 - 150)	

Sample: 0706162-8

Client Sample ID: TP14 (2-6)
Matrix: Soil
Remarks:
Analyzed Date: 06/16/2007
Preparation Date(s) : 06/14/2007

Type: Grab

Collected: 06/07/2007 13:30
% Solid: 74%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Diesel Range Organics	H593-33	16.2	**112**	mg/Kg	

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	H593-33	49.5 %	(30 - 150)	

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05/22/2008

TPH - Method 8015B

Sample: 0706162-10

Client Sample ID: TP15 (0-4)
Matrix: Soil
Remarks:
Analyzed Date: 06/16/2007
Preparation Date(s) : 06/14/2007

Type: Grab

Collected: 06/07/2007 13:07
% Solid: 78.1%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Diesel Range Organics	H593-34	15.4	**22.4**	mg/Kg	

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	H593-34	66.6 %	(30 - 150)	

Sample: 0706162-11

Client Sample ID: TP15 (4-6)
Matrix: Soil
Remarks:
Analyzed Date: 06/16/2007
Preparation Date(s) : 06/14/2007

Type: Grab

Collected: 06/07/2007 13:10
% Solid: 86.1%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Diesel Range Organics	H593-35	13.9	13.9	mg/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	H593-35	61.5 %	(30 - 150)	

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05/22/2008

Gasoline Range Organics - EPA 8015B

Sample: 0706162-1
Client Sample ID: TP12 (0-2)
Matrix: Soil
Remarks:
Analyzed Date: 06/14/2007

Type: Grab

Collected: 06/07/2007 12:00
% Solid: 92.4%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Gasoline Range Organics	M273-83	0.47	**11.2**	mg/Kg	

* Results are reported on a dry weight basis

Sample: 0706162-2
Client Sample ID: TP12 (2-4)
Matrix: Soil
Remarks:
Analyzed Date: 06/14/2007

Type: Grab

Collected: 06/07/2007 12:05
% Solid: 80.3%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Gasoline Range Organics	M273-86	0.54	**24.8**	mg/Kg	

* Results are reported on a dry weight basis

Sample: 0706162-4
Client Sample ID: TP13 (0-2)
Matrix: Soil
Remarks:
Analyzed Date: 06/14/2007

Type: Grab

Collected: 06/07/2007 12:24
% Solid: 90.2%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Gasoline Range Organics	M273-87	0.48	**6.59**	mg/Kg	

* Results are reported on a dry weight basis

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05/22/2008

Gasoline Range Organics - EPA 8015B

Sample: 0706162-5
Client Sample ID: TP13 (2-4)
Matrix: Soil
Type: Grab
Collected: 06/07/2007 12:29
% Solid: 72.9%
Remarks:
Analyzed Date: 06/14/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Gasoline Range Organics	M273-88	0.60	**5.04**	mg/Kg	

* Results are reported on a dry weight basis

Sample: 0706162-7
Client Sample ID: TP14 (0-2)
Matrix: Soil
Type: Grab
Collected: 06/07/2007 13:25
% Solid: 85.9%
Remarks:
Analyzed Date: 06/14/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Gasoline Range Organics	M273-89	0.51	**2.96**	mg/Kg	

* Results are reported on a dry weight basis

Sample: 0706162-8
Client Sample ID: TP14 (2-6)
Matrix: Soil
Type: Grab
Collected: 06/07/2007 13:30
% Solid: 74%
Remarks:
Analyzed Date: 06/14/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Gasoline Range Organics	M273-90	0.59	**4.13**	mg/Kg	

* Results are reported on a dry weight basis

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05/22/2008

Gasoline Range Organics - EPA 8015B

Sample: 0706162-10

Client Sample ID: TP15 (0-4)
Matrix: Soil
Type: Grab
Remarks:
Analyzed Date: 06/14/2007

Collected: 06/07/2007 13:07
% Solid: 78.1%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Gasoline Range Organics	M273-91	0.56	**2.70**	mg/Kg	

* Results are reported on a dry weight basis

Sample: 0706162-11

Client Sample ID: TP15 (4-6)
Matrix: Soil
Type: Grab
Remarks:
Analyzed Date: 06/14/2007

Collected: 06/07/2007 13:10
% Solid: 86.1%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Gasoline Range Organics	M273-92	0.51	**3.05**	mg/Kg	

* Results are reported on a dry weight basis

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05/22/2008

Case Narrative

EPA 8260 VOLATILE ANALYSIS:

The following compounds were calibrated at 25, 50, 100,
150 and 200 ppb levels in the initial calibration curve:
Acetone
2-Butanone
4-Methyl-2-pentanone
2-Hexanone

M&P-Xylenes and 2-Chloroethylvinylether were calibrated at 10, 40, 100, 200 and
300 ppb levels.
Acrolein/Acrylonitrile were calibrated at 50,100,150,200 and 250 ppb levels.
Tert Butyl Alcohol (TBA) was calibrated at 50,200,500,1000 and 1500 ppb levels.

All other compounds were calibrated at 5, 20, 50, 100 and 150 ppb levels.

EPA 8270 SEMI-VOLATILE ANALYSIS:

Bis(2-ethylhexyl)phthalate, which was found in the blank associated with these samples at 34 ppb, is a common laboratory contaminant.

0706162-5 was analyzed twice with both sets of data indicating a low recovery of the Internal Standards Chrysene-d12 and Perylene-d12.
Matrix interference was proven to cause the low recovery of these Internal Standards.

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05/22/2008

Case Narrative

GASOLINE RANGE ORGANICS

GC-SV

INTRODUCTION
Samples were analyzed in accordance with protocols based on SW846 Methodologies.

The sample information is as follows:

COC#: 0706162

HOLDING TIMES

Analytical holding time for this analysis was met.

SAMPLE COMMENTS

Samples were analyzed as per the requested protocols. No analytical problems were encountered.

CALIBRATION

Initial calibration was performed in accordance with the Method.

A six point calibration curve was performed, utilizing the following concentrations: 25, 100, 500, 2000, 4000, and 8000 ppb.

Results were quantitated using linear regression initial calibration.

CALIBRATION VERIFICATIONS

The calibration verification check standards were performed in accordance with the Method.

A GRO check standard was analyzed: at the beginning and at the end of each anaytical sequence at a concentration of 2000 ppb.

BLANKS

The Method Blanks associated with these samples did not contain any target compounds.

The Instrument Blanks associated with these samples did not contain any target compounds.

MATRIX SPIKES

Sample 0706162-1 was utilized for the Matrix Spike and Matrix Spike Duplicate analyses. All spike recoveries and all %RPDs were within QC limits.

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05/22/2008

Case Narrative

VOLATILES ANALYSIS
GCMS-V

INTRODUCTION

Samples were analyzed in accordance with protocols based on SW846 Methodologies, using accepted QA/QC procedures.
All required QA/QC parameters met acceptable limits unless otherwise noted.

HOLDING TIME INFORMATION

All analyses were performed within required holding times.

SURROGATE RECOVERY INFORMATION

All surrogate recoveries met QC criteria.

MATRIX SPIKE BLANK

The spike recoveries for the matrix spike blank were within QC limits.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE

Matrix spikes were not designated to be performed on any of the samples in this report package.
Batch QC was utilized.

METHOD BLANK

Methylene Chloride, a common laboratory contaminant, was detected in method blank VBLK-93 and VBLK-94 at a concentration of 0.99 ppb
and 2.64ppb respectively.

TUNE PERFORMANCE

All Tune (BFB) specifications met QC criteria.

CALIBRATION INFORMATION

Initial Calibration: All required minimum RRFs and maximum % RSD requirements have been met in accordance with the Method.
The following compounds were calibrated at 25, 50, 100,
150 and 200 ppb levels in the initial calibration curve:
Acetone
2-Butanone
4-Methyl-2-pentanone
2-Hexanone

M&P-Xylenes and 2-Chloroethylvinylether were calibrated at 10, 40, 100, 200 and
els.

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05/22/2008

Case Narrative

Acrolein/Acrylonitrile were calibrated at 50,100,150,200 and 250 ppb levels.
Tert Butyl Alcohol (TBA) was calibrated at 50,200,500,1000 and 1500 ppb levels.

All other compounds were calibrated at 5, 20, 50, 100 and 150 ppb levels.

Continuing Calibration: All required minimum RRFs and maximum %D requirements have been met in accordance with the Method.

Samples were quantitated using the initial calibration average response factor.

INTERNAL STANDARDS

All area responses and retention times fell within acceptable ranges.

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05/22/2008

Case Narrative

SEMIVOLATILES ANALYSIS
GCMS-SV

INTRODUCTION

Samples were analyzed in accordance with protocols based on SW846 Methodologies, using accepted QA/QC procedures.
All required QA/QC parameters met acceptable limits unless otherwise noted.

HOLDING TIME INFORMATION

All analyses were performed within required holding times.

SAMPLE INFORMATION

0706162-5 was analyzed twice with both sets of data indicating a low recovery of the Internal Standards Chrysene-d12 and Perylene-d12.
Matrix interference was proven to cause the low recovery of these Internal Standards.

SURROGATE RECOVERY INFORMATION

All surrogate recoveries met QC criteria.

MATRIX SPIKE BLANK

The spike recoveries for the matrix spike blank were within QC limits.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE

Matrix spikes were not designated to be performed on any of the samples in this report package.
Batch QC was utilized.

METHOD BLANK

Bis(2-Ethylhexyl)phthalate and Diethylphthalate a common laboratory contaminants, were detected in method blank SBLK-31 at a concentration of 9.9 ppb and 154ppb respectively.

TUNE PERFORMANCE

All Tune (DFTPP) specifications met QC criteria.

CALIBRATION INFORMATION

Initial Calibration: All required minimum RRFs and maximum % RSD requirements have been met in accordance with the Method.

Results were quantitated using initial calibration average of response factors.

Calibration: All required minimum RRFs and maximum %D requirements have been met

Case Narrative

in accordance with the Method.

INTERNAL STANDARDS

All area responses and retention times fell within acceptable ranges with the exception of sample 0706162-5. A reanalysis was performed yielding similar results, which is indicative of matrix interferences.

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05/22/2008

Case Narrative

Method 8100 Modified

GC-SV

INTRODUCTION
Samples were analyzed in accordance with protocols based on SW846 Methodologies.

The sample information is as follows:

COC#: 0706162

HOLDING TIMES

The extraction and analytical holding times for this analysis were met.
Samples were extracted using 3545 Method (pressurized liquid extraction).

SURROGATE RECOVERY INFORMATION

All surrogate recoveries met QC criteria.

CALIBRATION

Initial calibration was performed in accordance with the Method.

A six point calibration curve was performed, utilizing the following concentrations: 100, 1000, 5000, 10000, 50000, and 100000 ppm.
Fuel # 2 was used as a calibration standard.

Results were quantitated using linear regression initial calibration.

CALIBRATION VERIFICATIONS

The calibration verification check standards were performed in accordance with the Method.

A DRO calibration check standard was analyzed: at the beginning and at the end of each anaytical sequence at a concentration of 10000 ppm.

BLANKS

The Method Blanks associated with these samples did not contain any target compounds.

The Instrument Blanks associated with these samples did not contain any target compounds.

MATRIX SPIKE BLANKS

A Matrix Spike Blank was extracted and analyzed with the samples. All spike recoveries for the MSB met QC criteria.

MATRIX SPIKES

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05/22/2008

Case Narrative

Matrix spikes were not designated to be performed on any of the samples in this report package.
Batch QC was utilized.

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05/22/2008

ORGANIC METHOD QUALIFIERS

Q - Qualifier - specified entries and their meanings are as follows:

U - The analytical result is not detected above the Method Detection Limit (MDL). All MDL's are lower than the lowest calibration standard concentration.

J - Indicates an estimated value. The concentration reported was between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL).

B - The analyte was found in the associated method blank as well as the sample. It indicates possible/probable blank contamination and warns the data user to take appropriate action.

E - The concentration of the analyte exceeded the calibration range of the instrument.

D - This flag indicates a system monitoring compound diluted out.

INORGANIC METHOD QUALIFIERS

C - (Concentration) qualifiers are as follows:

B - Entered if the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL) but greater than or equal to the Instrument Detection Limit (IDL).

U - Entered when the analyte was analyzed for, but not detected above the Method Detection Limit (MDL) which is less than the lowest calibration standard concentration.

Q - Qualifier specific entries and their meanings are as follows:

E - Reported value is estimated because of the presence of interferences.

M - (Method) qualifiers are as follows:

A - Flame AA
AS - Semi-automated Spectrophotometric
AV - Automated Cold Vapor AA
C - Manual Spectrophotometric
F - Furnace AA
P - ICP
T - Titrimetric

OTHER QUALIFIERS

ND - Not Detected

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208 Route 109, Farmingdale NY 11735
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05/22/2008

Laboratory Identifier: 0706161
Received: 06/07/2007 17:29

Client: Blue Water
1610 New Highway
Farmingdale,
NY 11735

Project: Island Park Pilot Study
7 Washington Ave
Island Park,
NY 11558

Manager: Kim Simone/Ellis Kotch

Respectfully submitted,

Technical Director

NYS Lab ID # 10969
NJ Cert. # 73812
CT Cert. # PH0645
MA Cert. # NY061
NH Cert. # 252592-BA

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Phone - 631-249-1456 Fax - 631-249-8344

05/22/2008

Volatiles - EPA 8260B

Sample: 0706161-1
Client Sample ID: TP8 (4-5)
Matrix: Soil
Type: Grab
Collected: 06/07/2007 14:50
% Solid: 88%
Remarks: See Case Narrative
Analyzed Date: 06/11/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
67-64-1	Acetone	B2372-9703	5.77	**10.9**	ug/Kg	J
56-23-5	Carbon Tetrachloride	B2372-9703	0.65	0.65	ug/Kg	U
67-66-3	Chloroform	B2372-9703	0.54	0.54	ug/Kg	U
71-43-2	Benzene	B2372-9703	0.57	0.57	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	B2372-9703	0.57	0.57	ug/Kg	U
74-83-9	Bromomethane	B2372-9703	0.59	0.59	ug/Kg	U
74-87-3	Chloromethane	B2372-9703	0.44	0.44	ug/Kg	U
74-95-3	Dibromomethane	B2372-9703	0.57	0.57	ug/Kg	U
74-97-5	Bromochloromethane	B2372-9703	1.14	1.14	ug/Kg	U
75-00-3	Chloroethane	B2372-9703	1.45	1.45	ug/Kg	U
75-01-4	Vinyl Chloride	B2372-9703	0.67	0.67	ug/Kg	U
75-09-2	Methylene Chloride	B2372-9703	0.97	**2.46**	ug/Kg	J
75-15-0	Carbon disulfide	B2372-9703	1.42	1.42	ug/Kg	U
75-25-2	Bromoform	B2372-9703	1.29	1.29	ug/Kg	U
75-27-4	Bromodichloromethane	B2372-9703	0.49	0.49	ug/Kg	U
75-34-3	1,1-Dichloroethane	B2372-9703	0.50	0.50	ug/Kg	U
75-35-4	1,1-Dichloroethene	B2372-9703	0.79	0.79	ug/Kg	U
75-45-6	Chlorodifluoromethane	B2372-9703	0.74	0.74	ug/Kg	U
75-65-0	Tertiary butyl alcohol	B2372-9703	19.8	19.8	ug/Kg	U
75-69-4	Trichlorofluoromethane	B2372-9703	0.73	0.73	ug/Kg	U
75-71-8	Dichlorodifluoromethane	B2372-9703	0.60	0.60	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	B2372-9703	0.84	0.84	ug/Kg	U
78-87-5	1,2-Dichloropropane	B2372-9703	0.43	0.43	ug/Kg	U
78-93-3	2-Butanone	B2372-9703	3.60	3.60	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	B2372-9703	1.00	1.00	ug/Kg	U
79-01-6	Trichloroethene	B2372-9703	0.41	0.41	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	B2372-9703	1.63	1.63	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	B2372-9703	1.17	1.17	ug/Kg	U
87-68-3	Hexachlorobutadiene	B2372-9703	1.13	1.13	ug/Kg	U
91-20-3	Naphthalene	B2372-9703	1.39	1.39	ug/Kg	U
95-47-6	o-xylene	B2372-9703	0.86	0.86	ug/Kg	U
95-49-8	2-Chlorotoluene	B2372-9703	1.01	1.01	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	B2372-9703	1.35	1.35	ug/Kg	U

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706161-1
Client Sample ID: TP8 (4-5)
Matrix: Soil
Type: Grab
Collected: 06/07/2007 14:50
% Solid: 88%
Remarks: See Case Narrative
Analyzed Date: 06/11/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
95-63-6	1,2,4-Trimethylbenzene	B2372-9703	1.07	1.07	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	B2372-9703	1.24	1.24	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	B2372-9703	2.61	2.61	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	B2372-9703	2.29	2.29	ug/Kg	U
98-06-6	tert-Butylbenzene	B2372-9703	1.09	1.09	ug/Kg	U
98-82-8	Isopropylbenzene	B2372-9703	0.72	0.72	ug/Kg	U
99-87-6	4-Isopropyltoluene	B2372-9703	0.90	0.90	ug/Kg	U
100-41-4	Ethylbenzene	B2372-9703	0.49	0.49	ug/Kg	U
100-42-5	Styrene	B2372-9703	0.84	0.84	ug/Kg	U
103-65-1	n-Propylbenzene	B2372-9703	0.82	0.82	ug/Kg	U
104-51-8	n-Butylbenzene	B2372-9703	1.01	1.01	ug/Kg	U
105-05-5	p-Diethylbenzene	B2372-9703	1.13	1.13	ug/Kg	U
106-43-4	4-Chlorotoluene	B2372-9703	1.12	1.12	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	B2372-9703	1.17	1.17	ug/Kg	U
106-93-4	1,2-Dibromoethane	B2372-9703	0.84	0.84	ug/Kg	U
107-06-2	1,2-Dichloroethane	B2372-9703	0.65	0.65	ug/Kg	U
107-13-1	Acrylonitrile	B2372-9703	6.99	6.99	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	B2372-9703	2.21	2.21	ug/Kg	U
108-38-3	m,p-xylene	B2372-9703	1.14	**1.74**	ug/Kg	J
108-67-8	1,3,5-Trimethylbenzene	B2372-9703	0.93	0.93	ug/Kg	U
108-86-1	Bromobenzene	B2372-9703	0.92	0.92	ug/Kg	U
108-88-3	Toluene	B2372-9703	0.43	0.43	ug/Kg	U
108-90-7	Chlorobenzene	B2372-9703	0.58	0.58	ug/Kg	U
110-75-8	2-Chloroethylvinylether	B2372-9703	3.86	3.86	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	B2372-9703	1.14	1.14	ug/Kg	U
124-48-1	Dibromochloromethane	B2372-9703	0.82	0.82	ug/Kg	U
127-18-4	Tetrachloroethene	B2372-9703	0.66	0.66	ug/Kg	U
135-98-8	sec-Butylbenzene	B2372-9703	0.95	0.95	ug/Kg	U
142-28-9	1,3-Dichloropropane	B2372-9703	0.62	0.62	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	B2372-9703	0.62	0.62	ug/Kg	U
156-60-5	t-1,2-Dichloroethene	B2372-9703	0.48	0.48	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	B2372-9703	1.13	1.13	ug/Kg	U
563-58-6	1,1-Dichloropropene	B2372-9703	1.20	1.20	ug/Kg	U

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706161-1

Client Sample ID: TP8 (4-5)
Matrix: Soil
Type: Grab
Collected: 06/07/2007 14:50
% Solid: 88%
Remarks: See Case Narrative
Analyzed Date: 06/11/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
590-20-7	2,2-Dichloropropane	B2372-9703	0.88	0.88	ug/Kg	U
591-78-6	2-Hexanone	B2372-9703	1.98	1.98	ug/Kg	U
622-96-8	p-Ethyltoluene	B2372-9703	1.05	1.05	ug/Kg	U
630-20-6	1,1,1,2-Tetrachloroethane	B2372-9703	0.90	0.90	ug/Kg	U
994-05-8	TAME	B2372-9703	2.39	2.39	ug/Kg	U
1634-04-4	Methyl t-butyl ether	B2372-9703	0.57	0.57	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	B2372-9703	0.56	0.56	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	B2372-9703	0.56	0.56	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	B2372-9703	107.0 %	(68 - 120)	
460-00-4	4-BROMOFLUOROBENZENE	B2372-9703	103.0 %	(80 - 110)	
4774-33-8	DIBROMOFLUOROMETHANE	B2372-9703	101.0 %	(68 - 156)	
2037-26-5	TOLUENE-D8	B2372-9703	98.3 %	(87 - 113)	

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706161-3
Client Sample ID: TP9 (0-2)
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 06/11/2007

Type: Grab

Collected: 06/07/2007 15:20
% Solid: 58.1%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
67-64-1	Acetone	B2372-9706	8.70	**40.4**	ug/Kg	J
56-23-5	Carbon Tetrachloride	B2372-9706	0.98	0.98	ug/Kg	U
67-66-3	Chloroform	B2372-9706	0.81	0.81	ug/Kg	U
71-43-2	Benzene	B2372-9706	0.86	0.86	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	B2372-9706	0.86	0.86	ug/Kg	U
74-83-9	Bromomethane	B2372-9706	0.89	0.89	ug/Kg	U
74-87-3	Chloromethane	B2372-9706	0.67	0.67	ug/Kg	U
74-95-3	Dibromomethane	B2372-9706	0.86	0.86	ug/Kg	U
74-97-5	Bromochloromethane	B2372-9706	1.72	1.72	ug/Kg	U
75-00-3	Chloroethane	B2372-9706	2.18	2.18	ug/Kg	U
75-01-4	Vinyl Chloride	B2372-9706	1.01	1.01	ug/Kg	U
75-09-2	Methylene Chloride	B2372-9706	1.46	1.46	ug/Kg	U
75-15-0	Carbon disulfide	B2372-9706	2.15	2.15	ug/Kg	U
75-25-2	Bromoform	B2372-9706	1.94	1.94	ug/Kg	U
75-27-4	Bromodichloromethane	B2372-9706	0.74	0.74	ug/Kg	U
75-34-3	1,1-Dichloroethane	B2372-9706	0.76	0.76	ug/Kg	U
75-35-4	1,1-Dichloroethene	B2372-9706	1.19	1.19	ug/Kg	U
75-45-6	Chlorodifluoromethane	B2372-9706	1.12	1.12	ug/Kg	U
75-65-0	Tertiary butyl alcohol	B2372-9706	29.9	29.9	ug/Kg	U
75-69-4	Trichlorofluoromethane	B2372-9706	1.10	1.10	ug/Kg	U
75-71-8	Dichlorodifluoromethane	B2372-9706	0.91	0.91	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	B2372-9706	1.27	1.27	ug/Kg	U
78-87-5	1,2-Dichloropropane	B2372-9706	0.65	0.65	ug/Kg	U
78-93-3	2-Butanone	B2372-9706	5.44	**7.61**	ug/Kg	J
79-00-5	1,1,2-Trichloroethane	B2372-9706	1.51	1.51	ug/Kg	U
79-01-6	Trichloroethene	B2372-9706	0.62	0.62	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	B2372-9706	2.46	2.46	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	B2372-9706	1.77	1.77	ug/Kg	U
87-68-3	Hexachlorobutadiene	B2372-9706	1.70	1.70	ug/Kg	U
91-20-3	Naphthalene	B2372-9706	2.10	2.10	ug/Kg	U
95-47-6	o-xylene	B2372-9706	1.29	1.29	ug/Kg	U
95-49-8	2-Chlorotoluene	B2372-9706	1.53	1.53	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	B2372-9706	2.03	2.03	ug/Kg	U

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706161-3
Client Sample ID: TP9 (0-2)
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 06/11/2007

Type: Grab

Collected: 06/07/2007 15:20
% Solid: 58.1%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
95-63-6	1,2,4-Trimethylbenzene	B2372-9706	1.62	1.62	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	B2372-9706	1.87	1.87	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	B2372-9706	3.94	3.94	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	B2372-9706	3.46	3.46	ug/Kg	U
98-06-6	tert-Butylbenzene	B2372-9706	1.65	1.65	ug/Kg	U
98-82-8	Isopropylbenzene	B2372-9706	1.08	1.08	ug/Kg	U
99-87-6	4-Isopropyltoluene	B2372-9706	1.36	1.36	ug/Kg	U
100-41-4	Ethylbenzene	B2372-9706	0.74	0.74	ug/Kg	U
100-42-5	Styrene	B2372-9706	1.27	1.27	ug/Kg	U
103-65-1	n-Propylbenzene	B2372-9706	1.24	1.24	ug/Kg	U
104-51-8	n-Butylbenzene	B2372-9706	1.53	1.53	ug/Kg	U
105-05-5	p-Diethylbenzene	B2372-9706	1.70	1.70	ug/Kg	U
106-43-4	4-Chlorotoluene	B2372-9706	1.69	1.69	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	B2372-9706	1.77	1.77	ug/Kg	U
106-93-4	1,2-Dibromoethane	B2372-9706	1.27	1.27	ug/Kg	U
107-06-2	1,2-Dichloroethane	B2372-9706	0.98	0.98	ug/Kg	U
107-13-1	Acrylonitrile	B2372-9706	10.5	10.5	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	B2372-9706	3.34	3.34	ug/Kg	U
108-38-3	m,p-xylene	B2372-9706	1.72	1.72	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	B2372-9706	1.41	1.41	ug/Kg	U
108-86-1	Bromobenzene	B2372-9706	1.39	1.39	ug/Kg	U
108-88-3	Toluene	B2372-9706	0.65	0.65	ug/Kg	U
108-90-7	Chlorobenzene	B2372-9706	0.88	0.88	ug/Kg	U
110-75-8	2-Chloroethylvinylether	B2372-9706	5.83	5.83	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	B2372-9706	1.72	1.72	ug/Kg	U
124-48-1	Dibromochloromethane	B2372-9706	1.24	1.24	ug/Kg	U
127-18-4	Tetrachloroethene	B2372-9706	1.00	1.00	ug/Kg	U
135-98-8	sec-Butylbenzene	B2372-9706	1.43	1.43	ug/Kg	U
142-28-9	1,3-Dichloropropane	B2372-9706	0.93	0.93	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	B2372-9706	0.93	0.93	ug/Kg	U
156-60-5	t-1,2-Dichloroethene	B2372-9706	0.72	0.72	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	B2372-9706	1.70	1.70	ug/Kg	U
563-58-6	1,1-Dichloropropene	B2372-9706	1.81	1.81	ug/Kg	U

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706161-3

Client Sample ID: TP9 (0-2)
Matrix: Soil
Type: Grab
Remarks: See Case Narrative
Analyzed Date: 06/11/2007

Collected: 06/07/2007 15:20
% Solid: 58.1%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
590-20-7	2,2-Dichloropropane	B2372-9706	1.32	1.32	ug/Kg	U
591-78-6	2-Hexanone	B2372-9706	2.99	2.99	ug/Kg	U
622-96-8	p-Ethyltoluene	B2372-9706	1.58	1.58	ug/Kg	U
630-20-6	1,1,1,2-Tetrachloroethane	B2372-9706	1.36	1.36	ug/Kg	U
994-05-8	TAME	B2372-9706	3.61	3.61	ug/Kg	U
1634-04-4	Methyl t-butyl ether	B2372-9706	0.86	0.86	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	B2372-9706	0.84	0.84	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	B2372-9706	0.84	0.84	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	B2372-9706	107.0 %	(68 - 120)	
460-00-4	4-BROMOFLUOROBENZENE	B2372-9706	103.0 %	(80 - 110)	
4774-33-8	DIBROMOFLUOROMETHANE	B2372-9706	98.8 %	(68 - 156)	
2037-26-5	TOLUENE-D8	B2372-9706	96.5 %	(87 - 113)	

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706161-4
Client Sample ID: TP9 (2-4)
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 06/11/2007

Type: Grab

Collected: 06/07/2007 15:25
% Solid: 82.1%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
67-64-1	Acetone	B2372-9707	6.17	**14.2**	ug/Kg	J
56-23-5	Carbon Tetrachloride	B2372-9707	0.70	0.70	ug/Kg	U
67-66-3	Chloroform	B2372-9707	0.57	0.57	ug/Kg	U
71-43-2	Benzene	B2372-9707	0.61	0.61	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	B2372-9707	0.61	0.61	ug/Kg	U
74-83-9	Bromomethane	B2372-9707	0.63	0.63	ug/Kg	U
74-87-3	Chloromethane	B2372-9707	0.48	0.48	ug/Kg	U
74-95-3	Dibromomethane	B2372-9707	0.61	0.61	ug/Kg	U
74-97-5	Bromochloromethane	B2372-9707	1.22	1.22	ug/Kg	U
75-00-3	Chloroethane	B2372-9707	1.55	1.55	ug/Kg	U
75-01-4	Vinyl Chloride	B2372-9707	0.72	0.72	ug/Kg	U
75-09-2	Methylene Chloride	B2372-9707	1.04	**3.65**	ug/Kg	J
75-15-0	Carbon disulfide	B2372-9707	1.52	**5.90**	ug/Kg	J
75-25-2	Bromoform	B2372-9707	1.38	1.38	ug/Kg	U
75-27-4	Bromodichloromethane	B2372-9707	0.52	0.52	ug/Kg	U
75-34-3	1,1-Dichloroethane	B2372-9707	0.54	0.54	ug/Kg	U
75-35-4	1,1-Dichloroethene	B2372-9707	0.84	0.84	ug/Kg	U
75-45-6	Chlorodifluoromethane	B2372-9707	0.79	0.79	ug/Kg	U
75-65-0	Tertiary butyl alcohol	B2372-9707	21.2	21.2	ug/Kg	U
75-69-4	Trichlorofluoromethane	B2372-9707	0.78	0.78	ug/Kg	U
75-71-8	Dichlorodifluoromethane	B2372-9707	0.65	0.65	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	B2372-9707	0.90	0.90	ug/Kg	U
78-87-5	1,2-Dichloropropane	B2372-9707	0.46	0.46	ug/Kg	U
78-93-3	2-Butanone	B2372-9707	3.86	**5.46**	ug/Kg	J
79-00-5	1,1,2-Trichloroethane	B2372-9707	1.07	1.07	ug/Kg	U
79-01-6	Trichloroethene	B2372-9707	0.44	0.44	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	B2372-9707	1.74	1.74	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	B2372-9707	1.26	1.26	ug/Kg	U
87-68-3	Hexachlorobutadiene	B2372-9707	1.21	1.21	ug/Kg	U
91-20-3	Naphthalene	B2372-9707	1.49	1.49	ug/Kg	U
95-47-6	o-xylene	B2372-9707	0.92	0.92	ug/Kg	U
95-49-8	2-Chlorotoluene	B2372-9707	1.09	1.09	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	B2372-9707	1.44	1.44	ug/Kg	U

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706161-4
Client Sample ID: TP9 (2-4)
Matrix: Soil
Type: Grab
Collected: 06/07/2007 15:25
% Solid: 82.1%
Remarks: See Case Narrative
Analyzed Date: 06/11/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
95-63-6	1,2,4-Trimethylbenzene	B2372-9707	1.15	1.15	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	B2372-9707	1.33	1.33	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	B2372-9707	2.79	2.79	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	B2372-9707	2.45	2.45	ug/Kg	U
98-06-6	tert-Butylbenzene	B2372-9707	1.17	1.17	ug/Kg	U
98-82-8	Isopropylbenzene	B2372-9707	0.77	0.77	ug/Kg	U
99-87-6	4-Isopropyltoluene	B2372-9707	0.96	0.96	ug/Kg	U
100-41-4	Ethylbenzene	B2372-9707	0.52	0.52	ug/Kg	U
100-42-5	Styrene	B2372-9707	0.90	0.90	ug/Kg	U
103-65-1	n-Propylbenzene	B2372-9707	0.88	0.88	ug/Kg	U
104-51-8	n-Butylbenzene	B2372-9707	1.09	1.09	ug/Kg	U
105-05-5	p-Diethylbenzene	B2372-9707	1.21	1.21	ug/Kg	U
106-43-4	4-Chlorotoluene	B2372-9707	1.20	1.20	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	B2372-9707	1.26	1.26	ug/Kg	U
106-93-4	1,2-Dibromoethane	B2372-9707	0.90	0.90	ug/Kg	U
107-06-2	1,2-Dichloroethane	B2372-9707	0.70	0.70	ug/Kg	U
107-13-1	Acrylonitrile	B2372-9707	7.48	7.48	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	B2372-9707	2.37	2.37	ug/Kg	U
108-38-3	m,p-xylene	B2372-9707	1.22	**1.54**	ug/Kg	J
108-67-8	1,3,5-Trimethylbenzene	B2372-9707	1.00	1.00	ug/Kg	U
108-86-1	Bromobenzene	B2372-9707	0.99	0.99	ug/Kg	U
108-88-3	Toluene	B2372-9707	0.46	0.46	ug/Kg	U
108-90-7	Chlorobenzene	B2372-9707	0.62	0.62	ug/Kg	U
110-75-8	2-Chloroethylvinylether	B2372-9707	4.14	4.14	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	B2372-9707	1.22	1.22	ug/Kg	U
124-48-1	Dibromochloromethane	B2372-9707	0.88	0.88	ug/Kg	U
127-18-4	Tetrachloroethene	B2372-9707	0.71	0.71	ug/Kg	U
135-98-8	sec-Butylbenzene	B2372-9707	1.01	1.01	ug/Kg	U
142-28-9	1,3-Dichloropropane	B2372-9707	0.66	0.66	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	B2372-9707	0.66	0.66	ug/Kg	U
156-60-5	t-1,2-Dichloroethene	B2372-9707	0.51	0.51	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	B2372-9707	1.21	1.21	ug/Kg	U
563-58-6	1,1-Dichloropropene	B2372-9707	1.28	1.28	ug/Kg	U

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

05/22/2008

Volatiles - EPA 8260B

Sample: 0706161-4

Client Sample ID: TP9 (2-4)
Matrix: Soil
Type: Grab
Collected: 06/07/2007 15:25
% Solid: 82.1%
Remarks: See Case Narrative
Analyzed Date: 06/11/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
590-20-7	2,2-Dichloropropane	B2372-9707	0.94	0.94	ug/Kg	U
591-78-6	2-Hexanone	B2372-9707	2.12	2.12	ug/Kg	U
622-96-8	p-Ethyltoluene	B2372-9707	1.12	1.12	ug/Kg	U
630-20-6	1,1,1,2-Tetrachloroethane	B2372-9707	0.96	0.96	ug/Kg	U
994-05-8	TAME	B2372-9707	2.56	2.56	ug/Kg	U
1634-04-4	Methyl t-butyl ether	B2372-9707	0.61	0.61	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	B2372-9707	0.60	0.60	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	B2372-9707	0.60	0.60	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	B2372-9707	105.0 %	(68 - 120)	
460-00-4	4-BROMOFLUOROBENZENE	B2372-9707	105.0 %	(80 - 110)	
4774-33-8	DIBROMOFLUOROMETHANE	B2372-9707	97.4 %	(68 - 156)	
2037-26-5	TOLUENE-D8	B2372-9707	98.5 %	(87 - 113)	

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706161-6
Client Sample ID: TP10 (0-2)
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 06/11/2007

Type: Grab

Collected: 06/07/2007 08:10
% Solid: 87%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
67-64-1	Acetone	B2372-9708	5.82	**33.9**	ug/Kg	
56-23-5	Carbon Tetrachloride	B2372-9708	0.66	0.66	ug/Kg	U
67-66-3	Chloroform	B2372-9708	0.54	0.54	ug/Kg	U
71-43-2	Benzene	B2372-9708	0.57	0.57	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	B2372-9708	0.57	0.57	ug/Kg	U
74-83-9	Bromomethane	B2372-9708	0.60	0.60	ug/Kg	U
74-87-3	Chloromethane	B2372-9708	0.45	0.45	ug/Kg	U
74-95-3	Dibromomethane	B2372-9708	0.57	0.57	ug/Kg	U
74-97-5	Bromochloromethane	B2372-9708	1.15	1.15	ug/Kg	U
75-00-3	Chloroethane	B2372-9708	1.46	1.46	ug/Kg	U
75-01-4	Vinyl Chloride	B2372-9708	0.68	0.68	ug/Kg	U
75-09-2	Methylene Chloride	B2372-9708	0.98	**4.15**	ug/Kg	J
75-15-0	Carbon disulfide	B2372-9708	1.44	1.44	ug/Kg	U
75-25-2	Bromoform	B2372-9708	1.30	1.30	ug/Kg	U
75-27-4	Bromodichloromethane	B2372-9708	0.49	0.49	ug/Kg	U
75-34-3	1,1-Dichloroethane	B2372-9708	0.51	0.51	ug/Kg	U
75-35-4	1,1-Dichloroethene	B2372-9708	0.79	0.79	ug/Kg	U
75-45-6	Chlorodifluoromethane	B2372-9708	0.75	0.75	ug/Kg	U
75-65-0	Tertiary butyl alcohol	B2372-9708	20.0	20.0	ug/Kg	U
75-69-4	Trichlorofluoromethane	B2372-9708	0.74	0.74	ug/Kg	U
75-71-8	Dichlorodifluoromethane	B2372-9708	0.61	0.61	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	B2372-9708	0.85	0.85	ug/Kg	U
78-87-5	1,2-Dichloropropane	B2372-9708	0.44	0.44	ug/Kg	U
78-93-3	2-Butanone	B2372-9708	3.63	**6.54**	ug/Kg	J
79-00-5	1,1,2-Trichloroethane	B2372-9708	1.01	1.01	ug/Kg	U
79-01-6	Trichloroethene	B2372-9708	0.41	0.41	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	B2372-9708	1.64	1.64	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	B2372-9708	1.18	1.18	ug/Kg	U
87-68-3	Hexachlorobutadiene	B2372-9708	1.14	1.14	ug/Kg	U
91-20-3	Naphthalene	B2372-9708	1.40	1.40	ug/Kg	U
95-47-6	o-xylene	B2372-9708	0.86	**1.01**	ug/Kg	J
95-49-8	2-Chlorotoluene	B2372-9708	1.02	1.02	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	B2372-9708	1.36	1.36	ug/Kg	U

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706161-6
Client Sample ID: TP10 (0-2)
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 06/11/2007

Type: Grab

Collected: 06/07/2007 08:10
% Solid: 87%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
95-63-6	1,2,4-Trimethylbenzene	B2372-9708	1.08	**21.9**	ug/Kg	
95-93-2	1,2,4,5-Tetramethylbenzene	B2372-9708	1.25	**19.4**	ug/Kg	
96-12-8	1,2-Dibromo-3-chloropropane	B2372-9708	2.63	2.63	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	B2372-9708	2.31	2.31	ug/Kg	U
98-06-6	tert-Butylbenzene	B2372-9708	1.10	1.10	ug/Kg	U
98-82-8	Isopropylbenzene	B2372-9708	0.72	**0.94**	ug/Kg	J
99-87-6	4-Isopropyltoluene	B2372-9708	0.91	**3.31**	ug/Kg	J
100-41-4	Ethylbenzene	B2372-9708	0.49	**6.40**	ug/Kg	
100-42-5	Styrene	B2372-9708	0.85	0.85	ug/Kg	U
103-65-1	n-Propylbenzene	B2372-9708	0.83	**1.64**	ug/Kg	J
104-51-8	n-Butylbenzene	B2372-9708	1.02	1.02	ug/Kg	U
105-05-5	p-Diethylbenzene	B2372-9708	1.14	1.14	ug/Kg	U
106-43-4	4-Chlorotoluene	B2372-9708	1.13	1.13	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	B2372-9708	1.18	1.18	ug/Kg	U
106-93-4	1,2-Dibromoethane	B2372-9708	0.85	0.85	ug/Kg	U
107-06-2	1,2-Dichloroethane	B2372-9708	0.66	0.66	ug/Kg	U
107-13-1	Acrylonitrile	B2372-9708	7.05	7.05	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	B2372-9708	2.23	2.23	ug/Kg	U
108-38-3	m,p-xylene	B2372-9708	1.15	**2.16**	ug/Kg	J
108-67-8	1,3,5-Trimethylbenzene	B2372-9708	0.94	**7.76**	ug/Kg	
108-86-1	Bromobenzene	B2372-9708	0.93	0.93	ug/Kg	U
108-88-3	Toluene	B2372-9708	0.44	**0.81**	ug/Kg	J
108-90-7	Chlorobenzene	B2372-9708	0.59	0.59	ug/Kg	U
110-75-8	2-Chloroethylvinylether	B2372-9708	3.90	3.90	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	B2372-9708	1.15	1.15	ug/Kg	U
124-48-1	Dibromochloromethane	B2372-9708	0.83	0.83	ug/Kg	U
127-18-4	Tetrachloroethene	B2372-9708	0.67	0.67	ug/Kg	U
135-98-8	sec-Butylbenzene	B2372-9708	0.95	**1.35**	ug/Kg	J
142-28-9	1,3-Dichloropropane	B2372-9708	0.62	0.62	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	B2372-9708	0.62	0.62	ug/Kg	U
156-60-5	t-1,2-Dichloroethene	B2372-9708	0.48	0.48	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	B2372-9708	1.14	1.14	ug/Kg	U
563-58-6	1,1-Dichloropropene	B2372-9708	1.21	1.21	ug/Kg	U

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706161-6

Client Sample ID: TP10 (0-2)
Matrix: Soil
Type: Grab
Remarks: See Case Narrative
Analyzed Date: 06/11/2007

Collected: 06/07/2007 08:10
% Solid: 87%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
590-20-7	2,2-Dichloropropane	B2372-9708	0.89	0.89	ug/Kg	U
591-78-6	2-Hexanone	B2372-9708	2.00	2.00	ug/Kg	U
622-96-8	p-Ethyltoluene	B2372-9708	1.06	**2.07**	ug/Kg	J
630-20-6	1,1,1,2-Tetrachloroethane	B2372-9708	0.91	0.91	ug/Kg	U
994-05-8	TAME	B2372-9708	2.41	2.41	ug/Kg	U
1634-04-4	Methyl t-butyl ether	B2372-9708	0.57	0.57	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	B2372-9708	0.56	0.56	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	B2372-9708	0.56	0.56	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	B2372-9708	104.0 %	(68 - 120)	
460-00-4	4-BROMOFLUOROBENZENE	B2372-9708	101.0 %	(80 - 110)	
4774-33-8	DIBROMOFLUOROMETHANE	B2372-9708	93.4 %	(68 - 156)	
2037-26-5	TOLUENE-D8	B2372-9708	98.9 %	(87 - 113)	

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706161-7
Client Sample ID: TP10 (2-4)
Matrix: Soil
Type: Grab
Collected: 06/07/2007 08:15
% Solid: 87%
Remarks: See Case Narrative
Analyzed Date: 06/12/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
67-64-1	Acetone	A2525-2835	227	227	ug/Kg	U
56-23-5	Carbon Tetrachloride	A2525-2835	86.1	86.1	ug/Kg	U
67-66-3	Chloroform	A2525-2835	112	112	ug/Kg	U
71-43-2	Benzene	A2525-2835	97.6	97.6	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	A2525-2835	123	123	ug/Kg	U
74-83-9	Bromomethane	A2525-2835	149	149	ug/Kg	U
74-87-3	Chloromethane	A2525-2835	210	210	ug/Kg	U
74-95-3	Dibromomethane	A2525-2835	118	118	ug/Kg	U
74-97-5	Bromochloromethane	A2525-2835	175	175	ug/Kg	U
75-00-3	Chloroethane	A2525-2835	215	215	ug/Kg	U
75-01-4	Vinyl Chloride	A2525-2835	109	109	ug/Kg	U
75-09-2	Methylene Chloride	A2525-2835	126	126	ug/Kg	U
75-15-0	Carbon disulfide	A2525-2835	91.8	91.8	ug/Kg	U
75-25-2	Bromoform	A2525-2835	132	132	ug/Kg	U
75-27-4	Bromodichloromethane	A2525-2835	129	129	ug/Kg	U
75-34-3	1,1-Dichloroethane	A2525-2835	103	103	ug/Kg	U
75-35-4	1,1-Dichloroethene	A2525-2835	106	106	ug/Kg	U
75-45-6	Chlorodifluoromethane	A2525-2835	100	100	ug/Kg	U
75-65-0	Tertiary butyl alcohol	A2525-2835	6140	6140	ug/Kg	U
75-69-4	Trichlorofluoromethane	A2525-2835	97.6	97.6	ug/Kg	U
75-71-8	Dichlorodifluoromethane	A2525-2835	97.6	97.6	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	A2525-2835	132	132	ug/Kg	U
78-87-5	1,2-Dichloropropane	A2525-2835	141	141	ug/Kg	U
78-93-3	2-Butanone	A2525-2835	276	276	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	A2525-2835	121	121	ug/Kg	U
79-01-6	Trichloroethene	A2525-2835	80.4	80.4	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	A2525-2835	158	158	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	A2525-2835	149	149	ug/Kg	U
87-68-3	Hexachlorobutadiene	A2525-2835	141	141	ug/Kg	U
91-20-3	Naphthalene	A2525-2835	155	**13500**	ug/Kg	
95-47-6	o-xylene	A2525-2835	126	126	ug/Kg	U
95-49-8	2-Chlorotoluene	A2525-2835	123	123	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	A2525-2835	118	118	ug/Kg	U

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706161-7
Client Sample ID: TP10 (2-4)
Matrix: Soil
Type: Grab
Collected: 06/07/2007 08:15
% Solid: 87%
Remarks: See Case Narrative
Analyzed Date: 06/12/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
95-63-6	1,2,4-Trimethylbenzene	A2525-2835	109	**48000**	ug/Kg	E
95-93-2	1,2,4,5-Tetramethylbenzene	A2525-2835	121	**13700**	ug/Kg	
96-12-8	1,2-Dibromo-3-chloropropane	A2525-2835	201	201	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	A2525-2835	204	204	ug/Kg	U
98-06-6	tert-Butylbenzene	A2525-2835	138	138	ug/Kg	U
98-82-8	Isopropylbenzene	A2525-2835	94.7	**1400**	ug/Kg	J
99-87-6	4-Isopropyltoluene	A2525-2835	106	**2560**	ug/Kg	
100-41-4	Ethylbenzene	A2525-2835	126	**3050**	ug/Kg	
100-42-5	Styrene	A2525-2835	94.7	94.7	ug/Kg	U
103-65-1	n-Propylbenzene	A2525-2835	103	**3450**	ug/Kg	
104-51-8	n-Butylbenzene	A2525-2835	112	**4550**	ug/Kg	
105-05-5	p-Diethylbenzene	A2525-2835	112	**7960**	ug/Kg	
106-43-4	4-Chlorotoluene	A2525-2835	132	132	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	A2525-2835	132	132	ug/Kg	U
106-93-4	1,2-Dibromoethane	A2525-2835	103	103	ug/Kg	U
107-06-2	1,2-Dichloroethane	A2525-2835	91.8	91.8	ug/Kg	U
107-13-1	Acrylonitrile	A2525-2835	585	585	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	A2525-2835	141	141	ug/Kg	U
108-38-3	m,p-xylene	A2525-2835	224	**530**	ug/Kg	J
108-67-8	1,3,5-Trimethylbenzene	A2525-2835	97.6	**1590**	ug/Kg	
108-86-1	Bromobenzene	A2525-2835	109	109	ug/Kg	U
108-88-3	Toluene	A2525-2835	115	115	ug/Kg	U
108-90-7	Chlorobenzene	A2525-2835	103	103	ug/Kg	U
110-75-8	2-Chloroethylvinylether	A2525-2835	508	508	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	A2525-2835	121	121	ug/Kg	U
124-48-1	Dibromochloromethane	A2525-2835	129	129	ug/Kg	U
127-18-4	Tetrachloroethene	A2525-2835	51.7	51.7	ug/Kg	U
135-98-8	sec-Butylbenzene	A2525-2835	121	**1810**	ug/Kg	
142-28-9	1,3-Dichloropropane	A2525-2835	109	109	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	A2525-2835	123	123	ug/Kg	U
156-60-5	t-1,2-Dichloroethene	A2525-2835	109	109	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	A2525-2835	129	129	ug/Kg	U
563-58-6	1,1-Dichloropropene	A2525-2835	60.3	60.3	ug/Kg	U

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706161-7

Client Sample ID: TP10 (2-4)
Matrix: Soil
Type: Grab
Collected: 06/07/2007 08:15
% Solid: 87%
Remarks: See Case Narrative
Analyzed Date: 06/12/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
590-20-7	2,2-Dichloropropane	A2525-2835	135	135	ug/Kg	U
591-78-6	2-Hexanone	A2525-2835	89.0	89.0	ug/Kg	U
622-96-8	p-Ethyltoluene	A2525-2835	115	**1570**	ug/Kg	
630-20-6	1,1,1,2-Tetrachloroethane	A2525-2835	123	123	ug/Kg	U
994-05-8	TAME	A2525-2835	118	118	ug/Kg	U
1634-04-4	Methyl t-butyl ether	A2525-2835	115	115	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	A2525-2835	118	118	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	A2525-2835	121	121	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	A2525-2835	98.2 %	(70 - 124)	
460-00-4	4-BROMOFLUOROBENZENE	A2525-2835	102.0 %	(74 - 124)	
4774-33-8	DIBROMOFLUOROMETHANE	A2525-2835	94.7 %	(77 - 162)	
2037-26-5	TOLUENE-D8	A2525-2835	99.9 %	(73 - 120)	

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706161-9
Client Sample ID: TP11 (0-2)
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 06/11/2007

Type: Grab

Collected: 06/07/2007 11:10
% Solid: 90.8%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
67-64-1	Acetone	B2372-9709	5.57	**20.1**	ug/Kg	J
56-23-5	Carbon Tetrachloride	B2372-9709	0.63	0.63	ug/Kg	U
67-66-3	Chloroform	B2372-9709	0.52	0.52	ug/Kg	U
71-43-2	Benzene	B2372-9709	0.55	0.55	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	B2372-9709	0.55	0.55	ug/Kg	U
74-83-9	Bromomethane	B2372-9709	0.57	0.57	ug/Kg	U
74-87-3	Chloromethane	B2372-9709	0.43	0.43	ug/Kg	U
74-95-3	Dibromomethane	B2372-9709	0.55	0.55	ug/Kg	U
74-97-5	Bromochloromethane	B2372-9709	1.10	1.10	ug/Kg	U
75-00-3	Chloroethane	B2372-9709	1.40	1.40	ug/Kg	U
75-01-4	Vinyl Chloride	B2372-9709	0.65	0.65	ug/Kg	U
75-09-2	Methylene Chloride	B2372-9709	0.94	**2.76**	ug/Kg	J
75-15-0	Carbon disulfide	B2372-9709	1.38	1.38	ug/Kg	U
75-25-2	Bromoform	B2372-9709	1.24	1.24	ug/Kg	U
75-27-4	Bromodichloromethane	B2372-9709	0.47	0.47	ug/Kg	U
75-34-3	1,1-Dichloroethane	B2372-9709	0.48	0.48	ug/Kg	U
75-35-4	1,1-Dichloroethene	B2372-9709	0.76	0.76	ug/Kg	U
75-45-6	Chlorodifluoromethane	B2372-9709	0.71	0.71	ug/Kg	U
75-65-0	Tertiary butyl alcohol	B2372-9709	19.1	19.1	ug/Kg	U
75-69-4	Trichlorofluoromethane	B2372-9709	0.70	0.70	ug/Kg	U
75-71-8	Dichlorodifluoromethane	B2372-9709	0.58	0.58	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	B2372-9709	0.81	0.81	ug/Kg	U
78-87-5	1,2-Dichloropropane	B2372-9709	0.42	0.42	ug/Kg	U
78-93-3	2-Butanone	B2372-9709	3.48	3.48	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	B2372-9709	0.97	0.97	ug/Kg	U
79-01-6	Trichloroethene	B2372-9709	0.40	0.40	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	B2372-9709	1.57	1.57	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	B2372-9709	1.13	1.13	ug/Kg	U
87-68-3	Hexachlorobutadiene	B2372-9709	1.09	1.09	ug/Kg	U
91-20-3	Naphthalene	B2372-9709	1.34	1.34	ug/Kg	U
95-47-6	o-xylene	B2372-9709	0.82	0.82	ug/Kg	U
95-49-8	2-Chlorotoluene	B2372-9709	0.98	0.98	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	B2372-9709	1.30	1.30	ug/Kg	U

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706161-9
Client Sample ID: TP11 (0-2)
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 06/11/2007

Type: Grab

Collected: 06/07/2007 11:10
% Solid: 90.8%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
95-63-6	1,2,4-Trimethylbenzene	B2372-9709	1.03	1.03	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	B2372-9709	1.20	1.20	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	B2372-9709	2.52	2.52	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	B2372-9709	2.21	2.21	ug/Kg	U
98-06-6	tert-Butylbenzene	B2372-9709	1.06	1.06	ug/Kg	U
98-82-8	Isopropylbenzene	B2372-9709	0.69	0.69	ug/Kg	U
99-87-6	4-Isopropyltoluene	B2372-9709	0.87	0.87	ug/Kg	U
100-41-4	Ethylbenzene	B2372-9709	0.47	0.47	ug/Kg	U
100-42-5	Styrene	B2372-9709	0.81	0.81	ug/Kg	U
103-65-1	n-Propylbenzene	B2372-9709	0.79	0.79	ug/Kg	U
104-51-8	n-Butylbenzene	B2372-9709	0.98	0.98	ug/Kg	U
105-05-5	p-Diethylbenzene	B2372-9709	1.09	1.09	ug/Kg	U
106-43-4	4-Chlorotoluene	B2372-9709	1.08	1.08	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	B2372-9709	1.13	1.13	ug/Kg	U
106-93-4	1,2-Dibromoethane	B2372-9709	0.81	0.81	ug/Kg	U
107-06-2	1,2-Dichloroethane	B2372-9709	0.63	0.63	ug/Kg	U
107-13-1	Acrylonitrile	B2372-9709	6.74	6.74	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	B2372-9709	2.13	2.13	ug/Kg	U
108-38-3	m,p-xylene	B2372-9709	1.10	1.10	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	B2372-9709	0.90	0.90	ug/Kg	U
108-86-1	Bromobenzene	B2372-9709	0.89	0.89	ug/Kg	U
108-88-3	Toluene	B2372-9709	0.42	0.42	ug/Kg	U
108-90-7	Chlorobenzene	B2372-9709	0.56	0.56	ug/Kg	U
110-75-8	2-Chloroethylvinylether	B2372-9709	3.73	3.73	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	B2372-9709	1.10	1.10	ug/Kg	U
124-48-1	Dibromochloromethane	B2372-9709	0.79	0.79	ug/Kg	U
127-18-4	Tetrachloroethene	B2372-9709	0.64	0.64	ug/Kg	U
135-98-8	sec-Butylbenzene	B2372-9709	0.91	0.91	ug/Kg	U
142-28-9	1,3-Dichloropropane	B2372-9709	0.59	0.59	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	B2372-9709	0.59	0.59	ug/Kg	U
156-60-5	t-1,2-Dichloroethene	B2372-9709	0.46	0.46	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	B2372-9709	1.09	1.09	ug/Kg	U
563-58-6	1,1-Dichloropropene	B2372-9709	1.15	1.15	ug/Kg	U

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706161-9

Client Sample ID: TP11 (0-2)
Matrix: Soil
Type: Grab
Remarks: See Case Narrative
Analyzed Date: 06/11/2007

Collected: 06/07/2007 11:10
% Solid: 90.8%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
590-20-7	2,2-Dichloropropane	B2372-9709	0.85	0.85	ug/Kg	U
591-78-6	2-Hexanone	B2372-9709	1.91	1.91	ug/Kg	U
622-96-8	p-Ethyltoluene	B2372-9709	1.01	1.01	ug/Kg	U
630-20-6	1,1,1,2-Tetrachloroethane	B2372-9709	0.87	0.87	ug/Kg	U
994-05-8	TAME	B2372-9709	2.31	2.31	ug/Kg	U
1634-04-4	Methyl t-butyl ether	B2372-9709	0.55	0.55	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	B2372-9709	0.54	0.54	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	B2372-9709	0.54	0.54	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	B2372-9709	105.0 %	(68 - 120)	
460-00-4	4-BROMOFLUOROBENZENE	B2372-9709	101.0 %	(80 - 110)	
4774-33-8	DIBROMOFLUOROMETHANE	B2372-9709	98.8 %	(68 - 156)	
2037-26-5	TOLUENE-D8	B2372-9709	98.1 %	(87 - 113)	

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706161-10
Client Sample ID: TP11 (2-4)
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 06/11/2007

Type: Grab

Collected: 06/07/2007 11:15
% Solid: 90.2%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
67-64-1	Acetone	B2372-9710	5.62	**76.7**	ug/Kg	
56-23-5	Carbon Tetrachloride	B2372-9710	0.63	0.63	ug/Kg	U
67-66-3	Chloroform	B2372-9710	0.52	0.52	ug/Kg	U
71-43-2	Benzene	B2372-9710	0.56	0.56	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	B2372-9710	0.56	0.56	ug/Kg	U
74-83-9	Bromomethane	B2372-9710	0.58	0.58	ug/Kg	U
74-87-3	Chloromethane	B2372-9710	0.43	0.43	ug/Kg	U
74-95-3	Dibromomethane	B2372-9710	0.56	0.56	ug/Kg	U
74-97-5	Bromochloromethane	B2372-9710	1.11	1.11	ug/Kg	U
75-00-3	Chloroethane	B2372-9710	1.41	1.41	ug/Kg	U
75-01-4	Vinyl Chloride	B2372-9710	0.65	0.65	ug/Kg	U
75-09-2	Methylene Chloride	B2372-9710	0.94	**4.40**	ug/Kg	J
75-15-0	Carbon disulfide	B2372-9710	1.39	1.39	ug/Kg	U
75-25-2	Bromoform	B2372-9710	1.25	1.25	ug/Kg	U
75-27-4	Bromodichloromethane	B2372-9710	0.48	0.48	ug/Kg	U
75-34-3	1,1-Dichloroethane	B2372-9710	0.49	0.49	ug/Kg	U
75-35-4	1,1-Dichloroethene	B2372-9710	0.77	0.77	ug/Kg	U
75-45-6	Chlorodifluoromethane	B2372-9710	0.72	0.72	ug/Kg	U
75-65-0	Tertiary butyl alcohol	B2372-9710	19.3	19.3	ug/Kg	U
75-69-4	Trichlorofluoromethane	B2372-9710	0.71	0.71	ug/Kg	U
75-71-8	Dichlorodifluoromethane	B2372-9710	0.59	0.59	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	B2372-9710	0.82	0.82	ug/Kg	U
78-87-5	1,2-Dichloropropane	B2372-9710	0.42	0.42	ug/Kg	U
78-93-3	2-Butanone	B2372-9710	3.51	**15.0**	ug/Kg	J
79-00-5	1,1,2-Trichloroethane	B2372-9710	0.98	0.98	ug/Kg	U
79-01-6	Trichloroethene	B2372-9710	0.40	0.40	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	B2372-9710	1.59	1.59	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	B2372-9710	1.14	1.14	ug/Kg	U
87-68-3	Hexachlorobutadiene	B2372-9710	1.10	1.10	ug/Kg	U
91-20-3	Naphthalene	B2373-9739	6.76	**741**	ug/Kg	
95-47-6	o-xylene	B2372-9710	0.83	**4.15**	ug/Kg	J
95-49-8	2-Chlorotoluene	B2372-9710	0.99	0.99	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	B2372-9710	1.31	1.31	ug/Kg	U

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706161-10
Client Sample ID: TP11 (2-4)
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 06/11/2007

Type: Grab

Collected: 06/07/2007 11:15
% Solid: 90.2%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
95-63-6	1,2,4-Trimethylbenzene	B2372-9710	1.04	**1.77**	ug/Kg	J
95-93-2	1,2,4,5-Tetramethylbenzene	B2373-9739	6.04	**526**	ug/Kg	
96-12-8	1,2-Dibromo-3-chloropropane	B2372-9710	2.54	2.54	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	B2372-9710	2.23	2.23	ug/Kg	U
98-06-6	tert-Butylbenzene	B2372-9710	1.07	**3.70**	ug/Kg	J
98-82-8	Isopropylbenzene	B2372-9710	0.70	**19.4**	ug/Kg	
99-87-6	4-Isopropyltoluene	B2372-9710	0.88	**7.54**	ug/Kg	
100-41-4	Ethylbenzene	B2372-9710	0.48	0.48	ug/Kg	U
100-42-5	Styrene	B2372-9710	0.82	0.82	ug/Kg	U
103-65-1	n-Propylbenzene	B2372-9710	0.80	**28.0**	ug/Kg	
104-51-8	n-Butylbenzene	B2372-9710	0.99	**53.2**	ug/Kg	
105-05-5	p-Diethylbenzene	B2372-9710	1.10	**45.4**	ug/Kg	
106-43-4	4-Chlorotoluene	B2372-9710	1.09	1.09	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	B2372-9710	1.14	1.14	ug/Kg	U
106-93-4	1,2-Dibromoethane	B2372-9710	0.82	0.82	ug/Kg	U
107-06-2	1,2-Dichloroethane	B2372-9710	0.63	0.63	ug/Kg	U
107-13-1	Acrylonitrile	B2372-9710	6.80	6.80	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	B2372-9710	2.15	2.15	ug/Kg	U
108-38-3	m,p-xylene	B2372-9710	1.11	**2.89**	ug/Kg	J
108-67-8	1,3,5-Trimethylbenzene	B2372-9710	0.91	0.91	ug/Kg	U
108-86-1	Bromobenzene	B2372-9710	0.90	0.90	ug/Kg	U
108-88-3	Toluene	B2372-9710	0.42	0.42	ug/Kg	U
108-90-7	Chlorobenzene	B2372-9710	0.57	0.57	ug/Kg	U
110-75-8	2-Chloroethylvinylether	B2372-9710	3.76	3.76	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	B2372-9710	1.11	1.11	ug/Kg	U
124-48-1	Dibromochloromethane	B2372-9710	0.80	0.80	ug/Kg	U
127-18-4	Tetrachloroethene	B2372-9710	0.64	0.64	ug/Kg	U
135-98-8	sec-Butylbenzene	B2372-9710	0.92	**33.5**	ug/Kg	
142-28-9	1,3-Dichloropropane	B2372-9710	0.60	0.60	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	B2372-9710	0.60	0.60	ug/Kg	U
156-60-5	t-1,2-Dichloroethene	B2372-9710	0.47	0.47	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	B2372-9710	1.10	1.10	ug/Kg	U
563-58-6	1,1-Dichloropropene	B2372-9710	1.17	1.17	ug/Kg	U

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706161-10

Client Sample ID: TP11 (2-4)
Matrix: Soil
Type: Grab
Remarks: See Case Narrative
Analyzed Date: 06/11/2007

Collected: 06/07/2007 11:15
% Solid: 90.2%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
590-20-7	2,2-Dichloropropane	B2372-9710	0.85	0.85	ug/Kg	U
591-78-6	2-Hexanone	B2372-9710	1.93	1.93	ug/Kg	U
622-96-8	p-Ethyltoluene	B2372-9710	1.02	**5.74**	ug/Kg	
630-20-6	1,1,1,2-Tetrachloroethane	B2372-9710	0.88	0.88	ug/Kg	U
994-05-8	TAME	B2372-9710	2.33	2.33	ug/Kg	U
1634-04-4	Methyl t-butyl ether	B2372-9710	0.56	0.56	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	B2372-9710	0.54	0.54	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	B2372-9710	0.54	0.54	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	B2372-9710	107.0 %	(68 - 120)	
460-00-4	4-BROMOFLUOROBENZENE	B2372-9710	99.9 %	(80 - 110)	
4774-33-8	DIBROMOFLUOROMETHANE	B2372-9710	102.0 %	(68 - 156)	
2037-26-5	TOLUENE-D8	B2372-9710	96.8 %	(87 - 113)	
17060-07-0	1,2-DICHLOROETHANE-D4	B2373-9739	102.0 %	(68 - 120)	
460-00-4	4-BROMOFLUOROBENZENE	B2373-9739	99.1 %	(80 - 110)	
4774-33-8	DIBROMOFLUOROMETHANE	B2373-9739	100.0 %	(68 - 156)	
2037-26-5	TOLUENE-D8	B2373-9739	96.8 %	(87 - 113)	

Environmental Testing Laboratories, Inc.
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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706161-1

Client Sample ID: TP8 (4-5)
Collected: 06/07/2007 14:50
Matrix: Soil
Type: Grab
% Solid: 88%
Remarks: See Case Narrative
Analyzed Date: 06/18/2007
Preparation Date(s) : 06/16/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	B2199-479	10.0	10.0	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	B2199-479	15.4	15.4	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	B2199-479	15.1	15.1	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	B2199-479	9.09	9.09	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	B2199-479	10.3	10.3	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	B2199-479	23.2	23.2	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	B2199-479	9.85	9.85	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	B2199-479	5.61	5.61	ug/Kg	U
120-83-2	2,4-Dichlorophenol	B2199-479	7.69	7.69	ug/Kg	U
105-67-9	2,4-Dimethylphenol	B2199-479	12.2	12.2	ug/Kg	U
51-28-5	2,4-Dinitrophenol	B2199-479	39.8	39.8	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	B2199-479	5.72	5.72	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	B2199-479	9.81	9.81	ug/Kg	U
91-58-7	2-Chloronaphthalene	B2199-479	12.5	12.5	ug/Kg	U
95-57-8	2-Chlorophenol	B2199-479	14.2	14.2	ug/Kg	U
91-57-6	2-Methylnaphthalene	B2199-479	8.37	8.37	ug/Kg	U
95-48-7	2-Methylphenol	B2199-479	13.3	13.3	ug/Kg	U
88-74-4	2-Nitroaniline	B2199-479	11.9	11.9	ug/Kg	U
88-75-5	2-Nitrophenol	B2199-479	8.83	8.83	ug/Kg	U
106-44-5	3+4-Methylphenol	B2199-479	12.3	12.3	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	B2199-479	19.5	19.5	ug/Kg	U
99-09-2	3-Nitroaniline	B2199-479	13.5	13.5	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	B2199-479	122	122	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	B2199-479	12.4	12.4	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	B2199-479	16.7	16.7	ug/Kg	U
106-47-8	4-Chloroaniline	B2199-479	16.8	16.8	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	B2199-479	11.4	11.4	ug/Kg	U
100-01-6	4-Nitroaniline	B2199-479	7.27	7.27	ug/Kg	U
100-02-7	4-Nitrophenol	B2199-479	168	168	ug/Kg	U
83-32-9	Acenaphthene	B2199-479	13.8	13.8	ug/Kg	U
208-96-8	Acenaphthylene	B2199-479	13.5	13.5	ug/Kg	U
62-53-3	Aniline	B2199-479	13.4	13.4	ug/Kg	U
120-12-7	Anthracene	B2199-479	14.7	14.7	ug/Kg	U

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706161-1

Client Sample ID: TP8 (4-5)
Collected: 06/07/2007 14:50
Matrix: Soil
Type: Grab
% Solid: 88%
Remarks: See Case Narrative
Analyzed Date: 06/18/2007
Preparation Date(s) : 06/16/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
92-87-5	Benzidine	B2199-479	224	224	ug/Kg	U
56-55-3	Benzo(a)anthracene	B2199-479	14.8	14.8	ug/Kg	U
50-32-8	Benzo(a)pyrene	B2199-479	13.0	13.0	ug/Kg	U
205-99-2	Benzo(b)fluoranthene	B2199-479	16.1	16.1	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	B2199-479	12.7	12.7	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	B2199-479	15.2	15.2	ug/Kg	U
65-85-0	Benzoic acid	B2199-479	830	830	ug/Kg	U
100-51-6	Benzyl alcohol	B2199-479	12.0	12.0	ug/Kg	U
85-68-7	Butyl benzyl phthalate	B2199-479	8.22	8.22	ug/Kg	U
86-74-8	Carbazole	B2199-479	24.5	24.5	ug/Kg	U
218-01-9	Chrysene	B2199-479	16.6	16.6	ug/Kg	U
	Cresols	B2199-479	25.6	25.6	ug/Kg	U
84-74-2	Di-n-butyl phthalate	B2199-479	9.43	9.43	ug/Kg	U
117-84-0	Di-n-octyl phthalate	B2199-479	14.7	14.7	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	B2199-479	12.2	12.2	ug/Kg	U
132-64-9	Dibenzofuran	B2199-479	13.7	13.7	ug/Kg	U
84-66-2	Diethyl phthalate	B2199-479	9.55	**12.9**	ug/Kg	BJ
131-11-3	Dimethyl phthalate	B2199-479	7.12	7.12	ug/Kg	U
206-44-0	Fluoranthene	B2199-479	13.0	13.0	ug/Kg	U
86-73-7	Fluorene	B2199-479	11.7	11.7	ug/Kg	U
118-74-1	Hexachlorobenzene	B2199-479	10.2	10.2	ug/Kg	U
87-68-3	Hexachlorobutadiene	B2199-479	9.32	9.32	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	B2199-479	111	111	ug/Kg	U
67-72-1	Hexachloroethane	B2199-479	17.8	17.8	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	B2199-479	13.0	13.0	ug/Kg	U
78-59-1	Isophorone	B2199-479	11.0	11.0	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	B2199-479	10.3	10.3	ug/Kg	U
62-75-9	N-Nitrosodimethylamine	B2199-479	18.6	18.6	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	B2199-479	12.7	12.7	ug/Kg	U
91-20-3	Naphthalene	B2199-479	11.8	11.8	ug/Kg	U
98-95-3	Nitrobenzene	B2199-479	9.55	9.55	ug/Kg	U
87-86-5	Pentachlorophenol	B2199-479	184	184	ug/Kg	U
85-01-8	Phenanthrene	B2199-479	14.6	14.6	ug/Kg	U

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706161-1

Client Sample ID: TP8 (4-5)
Collected: 06/07/2007 14:50
Matrix: Soil
Type: Grab
% Solid: 88%
Remarks: See Case Narrative
Analyzed Date: 06/18/2007
Preparation Date(s) : 06/16/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
108-95-2	Phenol	B2199-479	181	181	ug/Kg	U
129-00-0	Pyrene	B2199-479	9.47	9.47	ug/Kg	U
110-86-1	Pyridine	B2199-479	116	116	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	B2199-479	13.0	13.0	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	B2199-479	12.2	12.2	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	B2199-479	11.2	11.2	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	B2199-479	22.2	22.2	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	B2199-479	71.9 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	B2199-479	61.1 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	B2199-479	59.1 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	B2199-479	56.9 %	(23 - 120)	
13127-88-3	PHENOL-D6	B2199-479	64.0 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	B2199-479	66.7 %	(18 - 137)	

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706161-3

Client Sample ID: TP9 (0-2)
Collected: 06/07/2007 15:20
Matrix: Soil
Type: Grab
% Solid: 58.1%
Remarks: See Case Narrative
Analyzed Date: 06/18/2007
Preparation Date(s) : 06/16/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	B2199-480	15.1	15.1	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	B2199-480	23.4	23.4	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	B2199-480	22.8	22.8	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	B2199-480	13.8	13.8	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	B2199-480	15.7	15.7	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	B2199-480	35.2	35.2	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	B2199-480	14.9	14.9	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	B2199-480	8.49	8.49	ug/Kg	U
120-83-2	2,4-Dichlorophenol	B2199-480	11.6	11.6	ug/Kg	U
105-67-9	2,4-Dimethylphenol	B2199-480	18.5	18.5	ug/Kg	U
51-28-5	2,4-Dinitrophenol	B2199-480	60.2	60.2	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	B2199-480	8.66	8.66	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	B2199-480	14.9	14.9	ug/Kg	U
91-58-7	2-Chloronaphthalene	B2199-480	18.9	18.9	ug/Kg	U
95-57-8	2-Chlorophenol	B2199-480	21.5	21.5	ug/Kg	U
91-57-6	2-Methylnaphthalene	B2199-480	12.7	**19.7**	ug/Kg	J
95-48-7	2-Methylphenol	B2199-480	20.2	20.2	ug/Kg	U
88-74-4	2-Nitroaniline	B2199-480	18.0	18.0	ug/Kg	U
88-75-5	2-Nitrophenol	B2199-480	13.4	13.4	ug/Kg	U
106-44-5	3+4-Methylphenol	B2199-480	18.7	18.7	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	B2199-480	29.6	29.6	ug/Kg	U
99-09-2	3-Nitroaniline	B2199-480	20.5	20.5	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	B2199-480	185	185	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	B2199-480	18.8	18.8	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	B2199-480	25.2	25.2	ug/Kg	U
106-47-8	4-Chloroaniline	B2199-480	25.5	25.5	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	B2199-480	17.3	17.3	ug/Kg	U
100-01-6	4-Nitroaniline	B2199-480	11.0	11.0	ug/Kg	U
100-02-7	4-Nitrophenol	B2199-480	254	254	ug/Kg	U
83-32-9	Acenaphthene	B2199-480	20.9	20.9	ug/Kg	U
208-96-8	Acenaphthylene	B2199-480	20.4	20.4	ug/Kg	U
62-53-3	Aniline	B2199-480	20.3	20.3	ug/Kg	U
120-12-7	Anthracene	B2199-480	22.3	22.3	ug/Kg	U

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706161-3

Client Sample ID: TP9 (0-2)
Collected: 06/07/2007 15:20
Matrix: Soil
Type: Grab
% Solid: 58.1%
Remarks: See Case Narrative
Analyzed Date: 06/18/2007
Preparation Date(s) : 06/16/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
92-87-5	Benzidine	B2199-480	339	339	ug/Kg	U
56-55-3	Benzo(a)anthracene	B2199-480	22.5	**38.8**	ug/Kg	J
50-32-8	Benzo(a)pyrene	B2199-480	19.7	**41.2**	ug/Kg	J
205-99-2	Benzo(b)fluoranthene	B2199-480	24.3	**44.6**	ug/Kg	J
191-24-2	Benzo(g,h,i)perylene	B2199-480	19.3	**40.1**	ug/Kg	J
207-08-9	Benzo(k)fluoranthene	B2199-480	22.9	**46.4**	ug/Kg	J
65-85-0	Benzoic acid	B2199-480	1260	1260	ug/Kg	U
100-51-6	Benzyl alcohol	B2199-480	18.2	18.2	ug/Kg	U
85-68-7	Butyl benzyl phthalate	B2199-480	12.4	12.4	ug/Kg	U
86-74-8	Carbazole	B2199-480	37.1	37.1	ug/Kg	U
218-01-9	Chrysene	B2199-480	25.1	**65.9**	ug/Kg	J
	Cresols	B2199-480	38.9	38.9	ug/Kg	U
84-74-2	Di-n-butyl phthalate	B2199-480	14.3	**24.2**	ug/Kg	J
117-84-0	Di-n-octyl phthalate	B2199-480	22.2	22.2	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	B2199-480	18.5	18.5	ug/Kg	U
132-64-9	Dibenzofuran	B2199-480	20.8	20.8	ug/Kg	U
84-66-2	Diethyl phthalate	B2199-480	14.5	14.5	ug/Kg	U
131-11-3	Dimethyl phthalate	B2199-480	10.8	10.8	ug/Kg	U
206-44-0	Fluoranthene	B2199-480	19.7	**76.7**	ug/Kg	J
86-73-7	Fluorene	B2199-480	17.7	17.7	ug/Kg	U
118-74-1	Hexachlorobenzene	B2199-480	15.4	15.4	ug/Kg	U
87-68-3	Hexachlorobutadiene	B2199-480	14.1	14.1	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	B2199-480	169	169	ug/Kg	U
67-72-1	Hexachloroethane	B2199-480	27.0	27.0	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	B2199-480	19.6	**32.9**	ug/Kg	J
78-59-1	Isophorone	B2199-480	16.7	16.7	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	B2199-480	15.7	15.7	ug/Kg	U
62-75-9	N-Nitrosodimethylamine	B2199-480	28.2	28.2	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	B2199-480	19.3	19.3	ug/Kg	U
91-20-3	Naphthalene	B2199-480	17.8	17.8	ug/Kg	U
98-95-3	Nitrobenzene	B2199-480	14.5	14.5	ug/Kg	U
87-86-5	Pentachlorophenol	B2199-480	279	279	ug/Kg	U
85-01-8	Phenanthrene	B2199-480	22.1	**32.8**	ug/Kg	J

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706161-3

Client Sample ID: TP9 (0-2)
Collected: 06/07/2007 15:20
Matrix: Soil
Type: Grab
% Solid: 58.1%
Remarks: See Case Narrative
Analyzed Date: 06/18/2007
Preparation Date(s) : 06/16/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
108-95-2	Phenol	B2199-480	275	275	ug/Kg	U
129-00-0	Pyrene	B2199-480	14.3	**71.7**	ug/Kg	J
110-86-1	Pyridine	B2199-480	176	176	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	B2199-480	19.6	19.6	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	B2199-480	18.5	18.5	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	B2199-480	16.9	16.9	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	B2199-480	33.7	**275**	ug/Kg	BJ

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	B2199-480	67.6 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	B2199-480	62.1 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	B2199-480	58.3 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	B2199-480	59.7 %	(23 - 120)	
13127-88-3	PHENOL-D6	B2199-480	63.9 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	B2199-480	65.0 %	(18 - 137)	

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706161-4

Client Sample ID: TP9 (2-4)
Collected: 06/07/2007 15:25
Matrix: Soil
Type: Grab
% Solid: 82.1%
Remarks: See Case Narrative
Analyzed Date: 06/18/2007
Preparation Date(s) : 06/16/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	B2199-481	10.7	10.7	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	B2199-481	16.5	16.5	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	B2199-481	16.2	16.2	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	B2199-481	9.74	9.74	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	B2199-481	11.1	11.1	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	B2199-481	24.9	24.9	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	B2199-481	10.6	10.6	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	B2199-481	6.01	6.01	ug/Kg	U
120-83-2	2,4-Dichlorophenol	B2199-481	8.24	8.24	ug/Kg	U
105-67-9	2,4-Dimethylphenol	B2199-481	13.1	13.1	ug/Kg	U
51-28-5	2,4-Dinitrophenol	B2199-481	42.6	42.6	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	B2199-481	6.13	6.13	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	B2199-481	10.5	10.5	ug/Kg	U
91-58-7	2-Chloronaphthalene	B2199-481	13.4	13.4	ug/Kg	U
95-57-8	2-Chlorophenol	B2199-481	15.2	15.2	ug/Kg	U
91-57-6	2-Methylnaphthalene	B2199-481	8.97	**14.2**	ug/Kg	J
95-48-7	2-Methylphenol	B2199-481	14.3	14.3	ug/Kg	U
88-74-4	2-Nitroaniline	B2199-481	12.7	12.7	ug/Kg	U
88-75-5	2-Nitrophenol	B2199-481	9.46	9.46	ug/Kg	U
106-44-5	3+4-Methylphenol	B2199-481	13.2	13.2	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	B2199-481	21.0	21.0	ug/Kg	U
99-09-2	3-Nitroaniline	B2199-481	14.5	14.5	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	B2199-481	131	131	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	B2199-481	13.3	13.3	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	B2199-481	17.9	17.9	ug/Kg	U
106-47-8	4-Chloroaniline	B2199-481	18.0	18.0	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	B2199-481	12.3	12.3	ug/Kg	U
100-01-6	4-Nitroaniline	B2199-481	7.80	7.80	ug/Kg	U
100-02-7	4-Nitrophenol	B2199-481	180	180	ug/Kg	U
83-32-9	Acenaphthene	B2199-481	14.8	14.8	ug/Kg	U
208-96-8	Acenaphthylene	B2199-481	14.5	14.5	ug/Kg	U
62-53-3	Aniline	B2199-481	14.3	14.3	ug/Kg	U
120-12-7	Anthracene	B2199-481	15.8	15.8	ug/Kg	U

Environmental Testing Laboratories, Inc.
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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706161-4

Client Sample ID: TP9 (2-4)
Collected: 06/07/2007 15:25
Matrix: Soil
Type: Grab
% Solid: 82.1%
Remarks: See Case Narrative
Analyzed Date: 06/18/2007
Preparation Date(s) : 06/16/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
92-87-5	Benzidine	B2199-481	240	240	ug/Kg	U
56-55-3	Benzo(a)anthracene	B2199-481	15.9	15.9	ug/Kg	U
50-32-8	Benzo(a)pyrene	B2199-481	13.9	13.9	ug/Kg	U
205-99-2	Benzo(b)fluoranthene	B2199-481	17.2	17.2	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	B2199-481	13.6	13.6	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	B2199-481	16.2	16.2	ug/Kg	U
65-85-0	Benzoic acid	B2199-481	889	889	ug/Kg	U
100-51-6	Benzyl alcohol	B2199-481	12.9	12.9	ug/Kg	U
85-68-7	Butyl benzyl phthalate	B2199-481	8.81	8.81	ug/Kg	U
86-74-8	Carbazole	B2199-481	26.2	26.2	ug/Kg	U
218-01-9	Chrysene	B2199-481	17.8	**20.2**	ug/Kg	J
	Cresols	B2199-481	27.5	27.5	ug/Kg	U
84-74-2	Di-n-butyl phthalate	B2199-481	10.1	10.1	ug/Kg	U
117-84-0	Di-n-octyl phthalate	B2199-481	15.7	15.7	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	B2199-481	13.1	13.1	ug/Kg	U
132-64-9	Dibenzofuran	B2199-481	14.7	14.7	ug/Kg	U
84-66-2	Diethyl phthalate	B2199-481	10.2	10.2	ug/Kg	U
131-11-3	Dimethyl phthalate	B2199-481	7.63	7.63	ug/Kg	U
206-44-0	Fluoranthene	B2199-481	14.0	**35.2**	ug/Kg	J
86-73-7	Fluorene	B2199-481	12.5	**16.7**	ug/Kg	J
118-74-1	Hexachlorobenzene	B2199-481	10.9	10.9	ug/Kg	U
87-68-3	Hexachlorobutadiene	B2199-481	9.99	9.99	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	B2199-481	119	119	ug/Kg	U
67-72-1	Hexachloroethane	B2199-481	19.1	19.1	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	B2199-481	13.9	13.9	ug/Kg	U
78-59-1	Isophorone	B2199-481	11.8	11.8	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	B2199-481	11.1	11.1	ug/Kg	U
62-75-9	N-Nitrosodimethylamine	B2199-481	20.0	20.0	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	B2199-481	13.6	13.6	ug/Kg	U
91-20-3	Naphthalene	B2199-481	12.6	12.6	ug/Kg	U
98-95-3	Nitrobenzene	B2199-481	10.2	10.2	ug/Kg	U
87-86-5	Pentachlorophenol	B2199-481	198	198	ug/Kg	U
85-01-8	Phenanthrene	B2199-481	15.7	**47.7**	ug/Kg	J

Environmental Testing Laboratories, Inc.
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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706161-4

Client Sample ID: TP9 (2-4)
Collected: 06/07/2007 15:25
Matrix: Soil
Type: Grab
% Solid: 82.1%
Remarks: See Case Narrative
Analyzed Date: 06/18/2007
Preparation Date(s) : 06/16/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
108-95-2	Phenol	B2199-481	194	194	ug/Kg	U
129-00-0	Pyrene	B2199-481	10.2	**49.6**	ug/Kg	J
110-86-1	Pyridine	B2199-481	124	124	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	B2199-481	13.9	13.9	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	B2199-481	13.1	13.1	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	B2199-481	12.0	12.0	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	B2199-481	23.8	**27.7**	ug/Kg	BJ

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	B2199-481	74.8 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	B2199-481	66.9 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	B2199-481	59.2 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	B2199-481	60.5 %	(23 - 120)	
13127-88-3	PHENOL-D6	B2199-481	63.7 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	B2199-481	69.4 %	(18 - 137)	

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706161-6

Client Sample ID: TP10 (0-2)
Collected: 06/07/2007 08:10
Matrix: Soil
Type: Grab
% Solid: 87%
Remarks: See Case Narrative
Analyzed Date: 06/19/2007
Preparation Date(s) : 06/16/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	B2200-494	50.6	50.6	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	B2200-494	78.0	78.0	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	B2200-494	76.2	76.2	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	B2200-494	46.0	46.0	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	B2200-494	52.3	52.3	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	B2200-494	117	117	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	B2200-494	49.8	49.8	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	B2200-494	28.4	28.4	ug/Kg	U
120-83-2	2,4-Dichlorophenol	B2200-494	38.9	38.9	ug/Kg	U
105-67-9	2,4-Dimethylphenol	B2200-494	61.7	61.7	ug/Kg	U
51-28-5	2,4-Dinitrophenol	B2200-494	201	201	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	B2200-494	28.9	28.9	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	B2200-494	49.6	49.6	ug/Kg	U
91-58-7	2-Chloronaphthalene	B2200-494	63.2	63.2	ug/Kg	U
95-57-8	2-Chlorophenol	B2200-494	71.8	71.8	ug/Kg	U
91-57-6	2-Methylnaphthalene	B2200-494	42.3	42.3	ug/Kg	U
95-48-7	2-Methylphenol	B2200-494	67.4	67.4	ug/Kg	U
88-74-4	2-Nitroaniline	B2200-494	60.0	60.0	ug/Kg	U
88-75-5	2-Nitrophenol	B2200-494	44.6	44.6	ug/Kg	U
106-44-5	3+4-Methylphenol	B2200-494	62.5	62.5	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	B2200-494	98.9	98.9	ug/Kg	U
99-09-2	3-Nitroaniline	B2200-494	68.4	68.4	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	B2200-494	617	617	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	B2200-494	62.8	62.8	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	B2200-494	84.3	84.3	ug/Kg	U
106-47-8	4-Chloroaniline	B2200-494	85.1	85.1	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	B2200-494	57.9	57.9	ug/Kg	U
100-01-6	4-Nitroaniline	B2200-494	36.8	36.8	ug/Kg	U
100-02-7	4-Nitrophenol	B2200-494	849	849	ug/Kg	U
83-32-9	Acenaphthene	B2200-494	69.7	**1510**	ug/Kg	
208-96-8	Acenaphthylene	B2200-494	68.2	68.2	ug/Kg	U
62-53-3	Aniline	B2200-494	67.6	67.6	ug/Kg	U
120-12-7	Anthracene	B2200-494	74.3	74.3	ug/Kg	U

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706161-6

Client Sample ID: TP10 (0-2)
Collected: 06/07/2007 08:10
Matrix: Soil
Type: Grab
% Solid: 87%
Remarks: See Case Narrative
Analyzed Date: 06/19/2007
Preparation Date(s) : 06/16/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
92-87-5	Benzidine	B2200-494	1130	1130	ug/Kg	U
56-55-3	Benzo(a)anthracene	B2200-494	75.1	**109**	ug/Kg	J
50-32-8	Benzo(a)pyrene	B2200-494	65.7	**88.8**	ug/Kg	J
205-99-2	Benzo(b)fluoranthene	B2200-494	81.2	**93.3**	ug/Kg	J
191-24-2	Benzo(g,h,i)perylene	B2200-494	64.4	64.4	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	B2200-494	76.6	**88.8**	ug/Kg	J
65-85-0	Benzoic acid	B2200-494	4200	4200	ug/Kg	U
100-51-6	Benzyl alcohol	B2200-494	60.9	60.9	ug/Kg	U
85-68-7	Butyl benzyl phthalate	B2200-494	41.6	41.6	ug/Kg	U
86-74-8	Carbazole	B2200-494	124	124	ug/Kg	U
218-01-9	Chrysene	B2200-494	83.9	**143**	ug/Kg	J
	Cresols	B2200-494	156	156	ug/Kg	U
84-74-2	Di-n-butyl phthalate	B2200-494	47.7	47.7	ug/Kg	U
117-84-0	Di-n-octyl phthalate	B2200-494	74.1	74.1	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	B2200-494	61.7	61.7	ug/Kg	U
132-64-9	Dibenzofuran	B2200-494	69.3	69.3	ug/Kg	U
84-66-2	Diethyl phthalate	B2200-494	48.3	48.3	ug/Kg	U
131-11-3	Dimethyl phthalate	B2200-494	36.0	36.0	ug/Kg	U
206-44-0	Fluoranthene	B2200-494	65.9	**381**	ug/Kg	J
86-73-7	Fluorene	B2200-494	59.0	**2440**	ug/Kg	
118-74-1	Hexachlorobenzene	B2200-494	51.5	51.5	ug/Kg	U
87-68-3	Hexachlorobutadiene	B2200-494	47.1	47.1	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	B2200-494	563	563	ug/Kg	U
67-72-1	Hexachloroethane	B2200-494	90.2	90.2	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	B2200-494	65.5	65.5	ug/Kg	U
78-59-1	Isophorone	B2200-494	55.7	55.7	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	B2200-494	52.3	52.3	ug/Kg	U
62-75-9	N-Nitrosodimethylamine	B2200-494	94.3	94.3	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	B2200-494	64.4	64.4	ug/Kg	U
91-20-3	Naphthalene	B2200-494	59.6	59.6	ug/Kg	U
98-95-3	Nitrobenzene	B2200-494	48.3	48.3	ug/Kg	U
87-86-5	Pentachlorophenol	B2200-494	933	933	ug/Kg	U
85-01-8	Phenanthrene	B2200-494	73.9	**5480**	ug/Kg	

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706161-6

Client Sample ID: TP10 (0-2)
Collected: 06/07/2007 08:10
Matrix: Soil
Type: Grab
% Solid: 87%
Remarks: See Case Narrative
Analyzed Date: 06/19/2007
Preparation Date(s) : 06/16/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
108-95-2	Phenol	B2200-494	918	918	ug/Kg	U
129-00-0	Pyrene	B2200-494	47.9	**434**	ug/Kg	J
110-86-1	Pyridine	B2200-494	586	586	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	B2200-494	65.5	65.5	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	B2200-494	61.7	61.7	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	B2200-494	56.5	56.5	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	B2200-494	112	**3070**	ug/Kg	B

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	B2200-494	38.7 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	B2200-494	50.1 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	B2200-494	47.0 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	B2200-494	49.0 %	(23 - 120)	
13127-88-3	PHENOL-D6	B2200-494	49.8 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	B2200-494	48.4 %	(18 - 137)	

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706161-7

Client Sample ID: TP10 (2-4)
Collected: 06/07/2007 08:15
Matrix: Soil
Type: Grab
% Solid: 87%
Remarks: See Case Narrative
Analyzed Date: 06/19/2007
Preparation Date(s) : 06/16/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	B2200-495	101	101	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	B2200-495	156	156	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	B2200-495	152	152	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	B2200-495	92.0	92.0	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	B2200-495	105	105	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	B2200-495	235	235	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	B2200-495	99.6	99.6	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	B2200-495	56.7	56.7	ug/Kg	U
120-83-2	2,4-Dichlorophenol	B2200-495	77.8	77.8	ug/Kg	U
105-67-9	2,4-Dimethylphenol	B2200-495	123	123	ug/Kg	U
51-28-5	2,4-Dinitrophenol	B2200-495	402	402	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	B2200-495	57.9	57.9	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	B2200-495	99.2	99.2	ug/Kg	U
91-58-7	2-Chloronaphthalene	B2200-495	126	126	ug/Kg	U
95-57-8	2-Chlorophenol	B2200-495	144	144	ug/Kg	U
91-57-6	2-Methylnaphthalene	B2200-495	84.7	**12300**	ug/Kg	
95-48-7	2-Methylphenol	B2200-495	135	135	ug/Kg	U
88-74-4	2-Nitroaniline	B2200-495	120	120	ug/Kg	U
88-75-5	2-Nitrophenol	B2200-495	89.3	89.3	ug/Kg	U
106-44-5	3+4-Methylphenol	B2200-495	125	125	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	B2200-495	198	198	ug/Kg	U
99-09-2	3-Nitroaniline	B2200-495	137	137	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	B2200-495	1230	1230	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	B2200-495	126	126	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	B2200-495	169	169	ug/Kg	U
106-47-8	4-Chloroaniline	B2200-495	170	170	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	B2200-495	116	116	ug/Kg	U
100-01-6	4-Nitroaniline	B2200-495	73.6	73.6	ug/Kg	U
100-02-7	4-Nitrophenol	B2200-495	1700	1700	ug/Kg	U
83-32-9	Acenaphthene	B2200-495	139	**1300**	ug/Kg	J
208-96-8	Acenaphthylene	B2200-495	136	136	ug/Kg	U
62-53-3	Aniline	B2200-495	135	135	ug/Kg	U
120-12-7	Anthracene	B2200-495	149	149	ug/Kg	U

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706161-7

Client Sample ID: TP10 (2-4)
Collected: 06/07/2007 08:15
Matrix: Soil
Type: Grab
% Solid: 87%
Remarks: See Case Narrative
Analyzed Date: 06/19/2007
Preparation Date(s) : 06/16/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
92-87-5	Benzidine	B2200-495	2260	2260	ug/Kg	U
56-55-3	Benzo(a)anthracene	B2200-495	150	150	ug/Kg	U
50-32-8	Benzo(a)pyrene	B2200-495	131	131	ug/Kg	U
205-99-2	Benzo(b)fluoranthene	B2200-495	162	162	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	B2200-495	129	129	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	B2200-495	153	153	ug/Kg	U
65-85-0	Benzoic acid	B2200-495	8390	8390	ug/Kg	U
100-51-6	Benzyl alcohol	B2200-495	122	122	ug/Kg	U
85-68-7	Butyl benzyl phthalate	B2200-495	83.1	83.1	ug/Kg	U
86-74-8	Carbazole	B2200-495	248	248	ug/Kg	U
218-01-9	Chrysene	B2200-495	168	168	ug/Kg	U
	Cresols	B2200-495	286	286	ug/Kg	U
84-74-2	Di-n-butyl phthalate	B2200-495	95.4	95.4	ug/Kg	U
117-84-0	Di-n-octyl phthalate	B2200-495	148	148	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	B2200-495	123	123	ug/Kg	U
132-64-9	Dibenzofuran	B2200-495	139	139	ug/Kg	U
84-66-2	Diethyl phthalate	B2200-495	96.6	96.6	ug/Kg	U
131-11-3	Dimethyl phthalate	B2200-495	72.0	72.0	ug/Kg	U
206-44-0	Fluoranthene	B2200-495	132	**247**	ug/Kg	J
86-73-7	Fluorene	B2200-495	118	**2290**	ug/Kg	
118-74-1	Hexachlorobenzene	B2200-495	103	103	ug/Kg	U
87-68-3	Hexachlorobutadiene	B2200-495	94.3	94.3	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	B2200-495	1130	1130	ug/Kg	U
67-72-1	Hexachloroethane	B2200-495	180	180	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	B2200-495	131	131	ug/Kg	U
78-59-1	Isophorone	B2200-495	111	111	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	B2200-495	105	105	ug/Kg	U
62-75-9	N-Nitrosodimethylamine	B2200-495	189	189	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	B2200-495	129	129	ug/Kg	U
91-20-3	Naphthalene	B2200-495	119	**2300**	ug/Kg	
98-95-3	Nitrobenzene	B2200-495	96.6	96.6	ug/Kg	U
87-86-5	Pentachlorophenol	B2200-495	1870	1870	ug/Kg	U
85-01-8	Phenanthrene	B2200-495	148	**4660**	ug/Kg	

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706161-7

Client Sample ID: TP10 (2-4)
Collected: 06/07/2007 08:15
Matrix: Soil
Type: Grab
% Solid: 87%
Remarks: See Case Narrative
Analyzed Date: 06/19/2007
Preparation Date(s) : 06/16/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
108-95-2	Phenol	B2200-495	1840	1840	ug/Kg	U
129-00-0	Pyrene	B2200-495	95.8	**321**	ug/Kg	J
110-86-1	Pyridine	B2200-495	1170	1170	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	B2200-495	131	131	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	B2200-495	123	123	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	B2200-495	113	113	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	B2200-495	225	**1490**	ug/Kg	BJ

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	B2200-495	34.7 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	B2200-495	46.6 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	B2200-495	43.6 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	B2200-495	45.4 %	(23 - 120)	
13127-88-3	PHENOL-D6	B2200-495	48.5 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	B2200-495	47.9 %	(18 - 137)	

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706161-9

Client Sample ID: TP11 (0-2)
Collected: 06/07/2007 11:10
Matrix: Soil
Type: Grab
% Solid: 90.8%
Remarks: See Case Narrative
Analyzed Date: 06/19/2007
Preparation Date(s) : 06/16/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	B2200-496	19.4	19.4	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	B2200-496	29.9	29.9	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	B2200-496	29.2	29.2	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	B2200-496	17.6	17.6	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	B2200-496	20.0	20.0	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	B2200-496	45.0	45.0	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	B2200-496	19.1	19.1	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	B2200-496	10.9	10.9	ug/Kg	U
120-83-2	2,4-Dichlorophenol	B2200-496	14.9	14.9	ug/Kg	U
105-67-9	2,4-Dimethylphenol	B2200-496	23.6	23.6	ug/Kg	U
51-28-5	2,4-Dinitrophenol	B2200-496	77.1	77.1	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	B2200-496	11.1	11.1	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	B2200-496	19.0	19.0	ug/Kg	U
91-58-7	2-Chloronaphthalene	B2200-496	24.2	24.2	ug/Kg	U
95-57-8	2-Chlorophenol	B2200-496	27.5	27.5	ug/Kg	U
91-57-6	2-Methylnaphthalene	B2200-496	16.2	**28.1**	ug/Kg	J
95-48-7	2-Methylphenol	B2200-496	25.8	25.8	ug/Kg	U
88-74-4	2-Nitroaniline	B2200-496	23.0	23.0	ug/Kg	U
88-75-5	2-Nitrophenol	B2200-496	17.1	17.1	ug/Kg	U
106-44-5	3+4-Methylphenol	B2200-496	23.9	23.9	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	B2200-496	37.9	37.9	ug/Kg	U
99-09-2	3-Nitroaniline	B2200-496	26.2	26.2	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	B2200-496	236	236	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	B2200-496	24.1	24.1	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	B2200-496	32.3	32.3	ug/Kg	U
106-47-8	4-Chloroaniline	B2200-496	32.6	32.6	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	B2200-496	22.2	22.2	ug/Kg	U
100-01-6	4-Nitroaniline	B2200-496	14.1	14.1	ug/Kg	U
100-02-7	4-Nitrophenol	B2200-496	325	325	ug/Kg	U
83-32-9	Acenaphthene	B2200-496	26.7	26.7	ug/Kg	U
208-96-8	Acenaphthylene	B2200-496	26.1	26.1	ug/Kg	U
62-53-3	Aniline	B2200-496	25.9	25.9	ug/Kg	U
120-12-7	Anthracene	B2200-496	28.5	28.5	ug/Kg	U

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706161-9

Client Sample ID: TP11 (0-2)
Collected: 06/07/2007 11:10
Matrix: Soil
Type: Grab
% Solid: 90.8%
Remarks: See Case Narrative
Analyzed Date: 06/19/2007
Preparation Date(s) : 06/16/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
92-87-5	Benzidine	B2200-496	434	434	ug/Kg	U
56-55-3	Benzo(a)anthracene	B2200-496	28.8	**55.9**	ug/Kg	J
50-32-8	Benzo(a)pyrene	B2200-496	25.2	**86.3**	ug/Kg	J
205-99-2	Benzo(b)fluoranthene	B2200-496	31.1	**81.3**	ug/Kg	J
191-24-2	Benzo(g,h,i)perylene	B2200-496	24.7	**80.8**	ug/Kg	J
207-08-9	Benzo(k)fluoranthene	B2200-496	29.4	**45.3**	ug/Kg	J
65-85-0	Benzoic acid	B2200-496	1610	1610	ug/Kg	U
100-51-6	Benzyl alcohol	B2200-496	23.3	23.3	ug/Kg	U
85-68-7	Butyl benzyl phthalate	B2200-496	15.9	15.9	ug/Kg	U
86-74-8	Carbazole	B2200-496	47.4	47.4	ug/Kg	U
218-01-9	Chrysene	B2200-496	32.2	**75.2**	ug/Kg	J
	Cresols	B2200-496	74.6	74.6	ug/Kg	U
84-74-2	Di-n-butyl phthalate	B2200-496	18.3	18.3	ug/Kg	U
117-84-0	Di-n-octyl phthalate	B2200-496	28.4	28.4	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	B2200-496	23.6	23.6	ug/Kg	U
132-64-9	Dibenzofuran	B2200-496	26.6	26.6	ug/Kg	U
84-66-2	Diethyl phthalate	B2200-496	18.5	18.5	ug/Kg	U
131-11-3	Dimethyl phthalate	B2200-496	13.8	13.8	ug/Kg	U
206-44-0	Fluoranthene	B2200-496	25.3	**106**	ug/Kg	J
86-73-7	Fluorene	B2200-496	22.6	22.6	ug/Kg	U
118-74-1	Hexachlorobenzene	B2200-496	19.8	19.8	ug/Kg	U
87-68-3	Hexachlorobutadiene	B2200-496	18.1	18.1	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	B2200-496	216	216	ug/Kg	U
67-72-1	Hexachloroethane	B2200-496	34.6	34.6	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	B2200-496	25.1	**70.0**	ug/Kg	J
78-59-1	Isophorone	B2200-496	21.4	21.4	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	B2200-496	20.0	20.0	ug/Kg	U
62-75-9	N-Nitrosodimethylamine	B2200-496	36.1	36.1	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	B2200-496	24.7	24.7	ug/Kg	U
91-20-3	Naphthalene	B2200-496	22.8	22.8	ug/Kg	U
98-95-3	Nitrobenzene	B2200-496	18.5	18.5	ug/Kg	U
87-86-5	Pentachlorophenol	B2200-496	358	358	ug/Kg	U
85-01-8	Phenanthrene	B2200-496	28.3	28.3	ug/Kg	U

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706161-9

Client Sample ID: TP11 (0-2)
Collected: 06/07/2007 11:10
Matrix: Soil
Type: Grab
% Solid: 90.8%
Remarks: See Case Narrative
Analyzed Date: 06/19/2007
Preparation Date(s) : 06/16/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
108-95-2	Phenol	B2200-496	352	352	ug/Kg	U
129-00-0	Pyrene	B2200-496	18.4	**134**	ug/Kg	J
110-86-1	Pyridine	B2200-496	225	225	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	B2200-496	25.1	25.1	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	B2200-496	23.6	23.6	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	B2200-496	21.7	21.7	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	B2200-496	43.1	**44.0**	ug/Kg	BJ

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	B2200-496	55.8 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	B2200-496	59.6 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	B2200-496	58.0 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	B2200-496	54.5 %	(23 - 120)	
13127-88-3	PHENOL-D6	B2200-496	63.1 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	B2200-496	61.6 %	(18 - 137)	

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706161-10

Client Sample ID: TP11 (2-4)
Collected: 06/07/2007 11:15
Matrix: Soil
Type: Grab
% Solid: 90.2%
Remarks: See Case Narrative
Analyzed Date: 06/19/2007
Preparation Date(s) : 06/16/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	B2200-497	48.8	48.8	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	B2200-497	75.2	75.2	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	B2200-497	73.5	73.5	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	B2200-497	44.3	44.3	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	B2200-497	50.4	50.4	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	B2200-497	113	113	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	B2200-497	48.0	48.0	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	B2200-497	27.3	27.3	ug/Kg	U
120-83-2	2,4-Dichlorophenol	B2200-497	37.5	37.5	ug/Kg	U
105-67-9	2,4-Dimethylphenol	B2200-497	59.5	59.5	ug/Kg	U
51-28-5	2,4-Dinitrophenol	B2200-497	194	194	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	B2200-497	27.9	27.9	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	B2200-497	47.9	47.9	ug/Kg	U
91-58-7	2-Chloronaphthalene	B2200-497	61.0	61.0	ug/Kg	U
95-57-8	2-Chlorophenol	B2200-497	69.3	69.3	ug/Kg	U
91-57-6	2-Methylnaphthalene	B2200-497	40.8	**7360**	ug/Kg	
95-48-7	2-Methylphenol	B2200-497	65.0	65.0	ug/Kg	U
88-74-4	2-Nitroaniline	B2200-497	57.8	57.8	ug/Kg	U
88-75-5	2-Nitrophenol	B2200-497	43.1	43.1	ug/Kg	U
106-44-5	3+4-Methylphenol	B2200-497	60.2	60.2	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	B2200-497	95.3	95.3	ug/Kg	U
99-09-2	3-Nitroaniline	B2200-497	66.0	66.0	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	B2200-497	595	595	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	B2200-497	60.6	60.6	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	B2200-497	81.3	81.3	ug/Kg	U
106-47-8	4-Chloroaniline	B2200-497	82.0	82.0	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	B2200-497	55.8	55.8	ug/Kg	U
100-01-6	4-Nitroaniline	B2200-497	35.5	35.5	ug/Kg	U
100-02-7	4-Nitrophenol	B2200-497	819	819	ug/Kg	U
83-32-9	Acenaphthene	B2200-497	67.3	**1570**	ug/Kg	
208-96-8	Acenaphthylene	B2200-497	65.8	65.8	ug/Kg	U
62-53-3	Aniline	B2200-497	65.2	65.2	ug/Kg	U
120-12-7	Anthracene	B2200-497	71.7	71.7	ug/Kg	U

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706161-10

Client Sample ID: TP11 (2-4)
Collected: 06/07/2007 11:15
Matrix: Soil
Type: Grab
% Solid: 90.2%
Remarks: See Case Narrative
Analyzed Date: 06/19/2007
Preparation Date(s) : 06/16/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
92-87-5	Benzidine	B2200-497	1090	1090	ug/Kg	U
56-55-3	Benzo(a)anthracene	B2200-497	72.4	**74.7**	ug/Kg	J
50-32-8	Benzo(a)pyrene	B2200-497	63.4	63.4	ug/Kg	U
205-99-2	Benzo(b)fluoranthene	B2200-497	78.3	78.3	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	B2200-497	62.1	62.1	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	B2200-497	73.9	73.9	ug/Kg	U
65-85-0	Benzoic acid	B2200-497	4050	4050	ug/Kg	U
100-51-6	Benzyl alcohol	B2200-497	58.8	58.8	ug/Kg	U
85-68-7	Butyl benzyl phthalate	B2200-497	40.1	40.1	ug/Kg	U
86-74-8	Carbazole	B2200-497	119	119	ug/Kg	U
218-01-9	Chrysene	B2200-497	80.9	**153**	ug/Kg	J
	Cresols	B2200-497	150	150	ug/Kg	U
84-74-2	Di-n-butyl phthalate	B2200-497	46.0	46.0	ug/Kg	U
117-84-0	Di-n-octyl phthalate	B2200-497	71.5	71.5	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	B2200-497	59.5	59.5	ug/Kg	U
132-64-9	Dibenzofuran	B2200-497	66.9	66.9	ug/Kg	U
84-66-2	Diethyl phthalate	B2200-497	46.6	46.6	ug/Kg	U
131-11-3	Dimethyl phthalate	B2200-497	34.7	34.7	ug/Kg	U
206-44-0	Fluoranthene	B2200-497	63.6	**441**	ug/Kg	J
86-73-7	Fluorene	B2200-497	56.9	**2560**	ug/Kg	
118-74-1	Hexachlorobenzene	B2200-497	49.7	49.7	ug/Kg	U
87-68-3	Hexachlorobutadiene	B2200-497	45.5	45.5	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	B2200-497	543	543	ug/Kg	U
67-72-1	Hexachloroethane	B2200-497	87.0	87.0	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	B2200-497	63.2	63.2	ug/Kg	U
78-59-1	Isophorone	B2200-497	53.8	53.8	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	B2200-497	50.4	50.4	ug/Kg	U
62-75-9	N-Nitrosodimethylamine	B2200-497	90.9	90.9	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	B2200-497	62.1	62.1	ug/Kg	U
91-20-3	Naphthalene	B2200-497	57.5	**1750**	ug/Kg	
98-95-3	Nitrobenzene	B2200-497	46.6	46.6	ug/Kg	U
87-86-5	Pentachlorophenol	B2200-497	900	900	ug/Kg	U
85-01-8	Phenanthrene	B2200-497	71.3	**5880**	ug/Kg	

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706161-10

Client Sample ID: TP11 (2-4)
Collected: 06/07/2007 11:15
Matrix: Soil
Type: Grab
% Solid: 90.2%
Remarks: See Case Narrative
Analyzed Date: 06/19/2007
Preparation Date(s) : 06/16/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
108-95-2	Phenol	B2200-497	885	885	ug/Kg	U
129-00-0	Pyrene	B2200-497	46.2	**456**	ug/Kg	J
110-86-1	Pyridine	B2200-497	565	565	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	B2200-497	63.2	63.2	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	B2200-497	59.5	59.5	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	B2200-497	54.5	54.5	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	B2200-497	108	108	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	B2200-497	50.0 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	B2200-497	61.8 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	B2200-497	57.3 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	B2200-497	55.9 %	(23 - 120)	
13127-88-3	PHENOL-D6	B2200-497	61.4 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	B2200-497	59.0 %	(18 - 137)	

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05/22/2008

TPH - Method 8015B

Sample: 0706161-1

Client Sample ID: TP8 (4-5)
Matrix: Soil
Type: Grab
Collected: 06/07/2007 14:50
% Solid: 88%
Remarks:
Analyzed Date: 06/15/2007
Preparation Date(s) : 06/14/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Diesel Range Organics	H593-19	13.6	13.6	mg/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	H593-19	61.7 %	(30 - 150)	

Sample: 0706161-3

Client Sample ID: TP9 (0-2)
Matrix: Soil
Type: Grab
Collected: 06/07/2007 15:20
% Solid: 58.1%
Remarks:
Analyzed Date: 06/15/2007
Preparation Date(s) : 06/14/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Diesel Range Organics	H593-20	20.7	20.7	mg/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	H593-20	47.8 %	(30 - 150)	

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05/22/2008

TPH - Method 8015B

Sample: 0706161-4

Client Sample ID: TP9 (2-4)
Matrix: Soil
Type: Grab
Collected: 06/07/2007 15:25
% Solid: 82.1%
Remarks:
Analyzed Date: 06/15/2007
Preparation Date(s) : 06/14/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Diesel Range Organics	H593-21	14.6	**76.9**	mg/Kg	

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	H593-21	48.1 %	(30 - 150)	

Sample: 0706161-6

Client Sample ID: TP10 (0-2)
Matrix: Soil
Type: Grab
Collected: 06/07/2007 08:10
% Solid: 87%
Remarks:
Analyzed Date: 06/15/2007
Preparation Date(s) : 06/14/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Diesel Range Organics	H593-22	13.8	**6710**	mg/Kg	

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	H593-22	49.2 %	(30 - 150)	

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05/22/2008

TPH - Method 8015B

Sample: 0706161-7

Client Sample ID: TP10 (2-4)
Matrix: Soil
Type: Grab
Collected: 06/07/2007 08:15
% Solid: 87%
Remarks:
Analyzed Date: 06/15/2007
Preparation Date(s) : 06/14/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Diesel Range Organics	H593-23	13.8	**45.6**	mg/Kg	

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	H593-23	50.0 %	(30 - 150)	

Sample: 0706161-9

Client Sample ID: TP11 (0-2)
Matrix: Soil
Type: Grab
Collected: 06/07/2007 11:10
% Solid: 90.8%
Remarks:
Analyzed Date: 06/15/2007
Preparation Date(s) : 06/14/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Diesel Range Organics	H593-24	13.2	**875**	mg/Kg	

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	H593-24	45.0 %	(30 - 150)	

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05/22/2008

TPH - Method 8015B

Sample: 0706161-10

Client Sample ID: TP11 (2-4)
Matrix: Soil
Type: Grab
Remarks:
Analyzed Date: 06/15/2007
Preparation Date(s) : 06/14/2007

Collected: 06/07/2007 11:15
% Solid: 90.2%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Diesel Range Organics	H593-25	13.3	**5690**	mg/Kg	

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	H593-25	59.3 %	(30 - 150)	

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05/22/2008

Gasoline Range Organics - EPA 8015B

Sample: 0706161-1
Client Sample ID: TP8 (4-5)
Matrix: Soil
Remarks:
Analyzed Date: 06/13/2007

Type: Grab

Collected: 06/07/2007 14:50
% Solid: 88%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Gasoline Range Organics	M273-72	0.49	**4.97**	mg/Kg	

* Results are reported on a dry weight basis

Sample: 0706161-3
Client Sample ID: TP9 (0-2)
Matrix: Soil
Remarks:
Analyzed Date: 06/13/2007

Type: Grab

Collected: 06/07/2007 15:20
% Solid: 58.1%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Gasoline Range Organics	M273-75	1.50	**14.6**	mg/Kg	

* Results are reported on a dry weight basis

Sample: 0706161-4
Client Sample ID: TP9 (2-4)
Matrix: Soil
Remarks:
Analyzed Date: 06/13/2007

Type: Grab

Collected: 06/07/2007 15:25
% Solid: 82.1%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Gasoline Range Organics	M273-76	0.53	**7.61**	mg/Kg	

* Results are reported on a dry weight basis

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05/22/2008

Gasoline Range Organics - EPA 8015B

Sample: 0706161-6
Client Sample ID: TP10 (0-2)
Matrix: Soil
Remarks:
Analyzed Date: 06/14/2007

Type: Grab

Collected: 06/07/2007 08:10
% Solid: 87%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Gasoline Range Organics	M273-77	2.00	**461**	mg/Kg	

* Results are reported on a dry weight basis

Sample: 0706161-7
Client Sample ID: TP10 (2-4)
Matrix: Soil
Remarks:
Analyzed Date: 06/14/2007

Type: Grab

Collected: 06/07/2007 08:15
% Solid: 87%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Gasoline Range Organics	M273-78	1.00	**272**	mg/Kg	

* Results are reported on a dry weight basis

Sample: 0706161-9
Client Sample ID: TP11 (0-2)
Matrix: Soil
Remarks:
Analyzed Date: 06/14/2007

Type: Grab

Collected: 06/07/2007 11:10
% Solid: 90.8%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Gasoline Range Organics	M273-79	0.48	**24.0**	mg/Kg	

* Results are reported on a dry weight basis

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale NY 11735
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05/22/2008

Gasoline Range Organics - EPA 8015B

Sample: 0706161-10

Client Sample ID: TP11 (2-4)
Collected: 06/07/2007 11:15
Matrix: Soil
Type: Grab
% Solid: 90.2%
Remarks:
Analyzed Date: 06/14/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Gasoline Range Organics	M273-82	1.93	**305**	mg/Kg	

* Results are reported on a dry weight basis

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05/22/2008

Case Narrative

EPA 8260 VOLATILE ANALYSIS:

The following compounds were calibrated at 25, 50, 100,
150 and 200 ppb levels in the initial calibration curve:
- Acetone
- 2-Butanone
- 4-Methyl-2-pentanone
- 2-Hexanone

M&P-Xylenes and 2-Chloroethylvinylether were calibrated at 10, 40, 100, 200 and
300 ppb levels.
Acrolein/Acrylonitrile were calibrated at 50,100,150,200 and 250 ppb levels.
Tert Butyl Alcohol (TBA) was calibrated at 50,200,500,1000 and 1500 ppb levels.

All other compounds were calibrated at 5, 20, 50, 100 and 150 ppb levels.

Sample 0706161-7 was analyzed at a 1:5 dilution with results inconclusive due to very high concentrations of target and non-target compounds present in the sample interfering with quantitation. This sample was re-analyzed at a medium level soil dilution of 1:125 with results indicating good chromatography. The target compound 1,2,4-Trimethylbenzene was present at a concentration slightly higher than the upper calibration limit. This compound was given an E-flag qualifier in the report.

EPA 8270 SEMI-VOLATILE ANALYSIS:

Bis(2-ethylhexyl)phthalate, which was found in the blank associated with these samples at 9.99ppb , is a common laboratory contaminant.

Samples 6,7,9,10: These samples were analyzed at the following dilutions respectively: 1:5, 1:10, 1:2 and 1:5 due to high concentrations of non-target hydrocarbon interference.

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05/22/2008

Case Narrative

GASOLINE RANGE ORGANICS

GC-SV

INTRODUCTION
Samples were analyzed in accordance with protocols based on SW846 Methodologies.

The sample information is as follows:

COC#: 0706161

HOLDING TIMES

Analytical holding time for this analysis was met.

CALIBRATION

Initial calibration was performed in accordance with the Method.

A six point calibration curve was performed, utilizing the following concentrations: 25, 100, 500, 2000, 4000, and 8000 ppb.

Results were quantitated using linear regression initial calibration.

CALIBRATION VERIFICATIONS

The calibration verification check standards were performed in accordance with the Method.

A GRO check standard was analyzed: at the beginning and at the end of each anaytical sequence at a concentration of 2000 ppb.

BLANKS

The Method Blanks associated with these samples did not contain any target compounds.

The Instrument Blanks associated with these samples did not contain any target compounds.

MATRIX SPIKES

Sample 0706161-1 was utilized for the Matrix Spike and Matrix Spike Duplicate analyses. All spike recoveries were within QC limits.
%RPDs did not meet QC limits.

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05/22/2008

Case Narrative

VOLATILES ANALYSIS
GCMS-V

INTRODUCTION

Samples were analyzed in accordance with protocols based on SW846 Methodologies, using accepted QA/QC procedures.
All required QA/QC parameters met acceptable limits unless otherwise noted.

HOLDING TIME INFORMATION

All analyses were performed within required holding times.

SAMPLE INFORMATION

Sample 0706161-7 was analyzed at a 1:5 dilution with results inconclusive due to very high concentrations of target and non-target compounds present in the sample interfering with quantitation. This sample was re-analyzed at a medium level soil dilution of 1:125 with results indicating good chromatography. The target compound 1,2,4-Trimethylbenzene was present at a concentration slightly higher than the upper calibration limit. This compound was given an E-flag qualifier in the report.

SURROGATE RECOVERY INFORMATION

All surrogate recoveries met QC criteria.

MATRIX SPIKE BLANK

The spike recoveries for the matrix spike blank were within QC limits.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE

Sample 0706161-1 was utilized for the MS/MSD analyses. All spike recoveries and all RPDs were within QC limits except for 1,1-Dichloroethylene.

METHOD BLANK

The method blank associated with these samples did not contain any target compounds at or above QC limits.

TUNE PERFORMANCE

All Tune (BFB) specifications met QC criteria.

CALIBRATION INFORMATION

Initial Calibration: All required minimum RRFs and maximum % RSD requirements have been met in accordance with the Method.
g compounds were calibrated at 25, 50, 100,

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05/22/2008

Case Narrative

150 and 200 ppb levels in the initial calibration curve:
Acetone
2-Butanone
4-Methyl-2-pentanone
2-Hexanone

M&P-Xylenes and 2-Chloroethylvinylether were calibrated at 10, 40, 100, 200 and 300 ppb levels.
Acrolein/Acrylonitrile were calibrated at 50,100,150,200 and 250 ppb levels.
Tert Butyl Alcohol (TBA) was calibrated at 50,200,500,1000 and 1500 ppb levels.

All other compounds were calibrated at 5, 20, 50, 100 and 150 ppb levels.

Continuing Calibration: All required minimum RRFs and maximum %D requirements have been met in accordance with the Method.

Samples were quantitated using the initial calibration average response factor.

INTERNAL STANDARDS

All area responses and retention times fell within acceptable ranges.

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05/22/2008

Case Narrative

SEMIVOLATILES ANALYSIS
GCMS-SV

INTRODUCTION

Samples were analyzed in accordance with protocols based on SW846 Methodologies, using accepted QA/QC procedures.
All required QA/QC parameters met acceptable limits unless otherwise noted.

HOLDING TIME INFORMATION

All analyses were performed within required holding times.

SAMPLE INFORMATION

Samples 6,7,9,10: These samples were analyzed at the following dilutions respectively: 1:5, 1:10, 1:2 and 1:5 due to high concentrations of non-target hydrocarbon interference.

SURROGATE RECOVERY INFORMATION

All surrogate recoveries met QC criteria.

MATRIX SPIKE BLANK

The spike recoveries for the matrix spike blank were within QC limits.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE

Matrix spikes were not designated to be performed on any of the samples in this report package. Batch QC was utilized.

METHOD BLANK

(Bis(2-Ethylhexyl)phthalate and Diethylphthalate a common laboratory contaminants, were detected in method blank SBLK-31at a concentration of 9.99 ppb and 154 ppb respectively..

TUNE PERFORMANCE

All Tune (DFTPP) specifications met QC criteria.

CALIBRATION INFORMATION

Initial Calibration: All required minimum RRFs and maximum % RSD requirements have been met in accordance with the Method.

Results were quantitated using initial calibration average of response factors.

Continuing Calibration: All required minimum RRFs and maximum %D requirements have been met in accordance with the Method.

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05/22/2008

Case Narrative

INTERNAL STANDARDS

All area responses and retention times fell within acceptable ranges.

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05/22/2008

Case Narrative

Method 8100 Modified

GC-SV

INTRODUCTION
Samples were analyzed in accordance with protocols based on SW846 Methodologies.

The sample information is as follows:

COC#: 0706161

HOLDING TIMES

The extraction and analytical holding times for this analysis were met.
Samples were extracted using 3545 Method (pressurized liquid extraction).

SURROGATE RECOVERY INFORMATION

All surrogate recoveries met QC criteria.

CALIBRATION

Initial calibration was performed in accordance with the Method.

A six point calibration curve was performed, utilizing the following concentrations: 100, 1000, 5000, 10000, 50000, and 100000 ppm.
Fuel # 2 was used as a calibration standard.

Results were quantitated using linear regression initial calibration.

CALIBRATION VERIFICATIONS

The calibration verification check standards were performed in accordance with the Method.

A DRO check standard was analyzed: at the beginning and at the end of each anaytical sequence at a concentration of 10000 ppm.

BLANKS

The Method Blanks associated with these samples did not contain any target compounds.

The Instrument Blanks associated with these samples did not contain any target compounds.

MATRIX SPIKE BLANKS

A Matrix Spike Blank was extracted and analyzed with the samples. All spike recoveries for the MSB met QC criteria.

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05/22/2008

Case Narrative

Matrix spikes were not designated to be performed on any of the samples in this report package.
Batch QC was utilized.

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05/22/2008

ORGANIC METHOD QUALIFIERS

Q - Qualifier - specified entries and their meanings are as follows:

U - The analytical result is not detected above the Method Detection Limit (MDL). All MDL's are lower than the lowest calibration standard concentration.

J - Indicates an estimated value. The concentration reported was between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL).

B - The analyte was found in the associated method blank as well as the sample. It indicates possible/probable blank contamination and warns the data user to take appropriate action.

E - The concentration of the analyte exceeded the calibration range of the instrument.

D - This flag indicates a system monitoring compound diluted out.

INORGANIC METHOD QUALIFIERS

C - (Concentration) qualifiers are as follows:

B - Entered if the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL) but greater than or equal to the Instrument Detection Limit (IDL).

U - Entered when the analyte was analyzed for, but not detected above the Method Detection Limit (MDL) which is less than the lowest calibration standard concentration.

Q - Qualifier specific entries and their meanings are as follows:

E - Reported value is estimated because of the presence of interferences.

M - (Method) qualifiers are as follows:

A - Flame AA
AS - Semi-automated Spectrophotometric
AV - Automated Cold Vapor AA
C - Manual Spectrophotometric
F - Furnace AA
P - ICP
T - Titrimetric

OTHER QUALIFIERS

ND - Not Detected

Environmental Testing Laboratories, Inc.
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05/22/2008

Laboratory Identifier: 0706160
Received: 06/07/2007 17:28

Client: Blue Water
1610 New Highway
Farmingdale,
NY 11735

Project: Island Park Pilot Study
7 Washington Ave
Island Park,
NY 11558

Manager: Kim Simone/Ellis Kotch

Respectfully submitted,

Technical Director

NYS Lab ID # 10969
NJ Cert. # 73812
CT Cert. # PH0645
MA Cert. # NY061
NH Cert. # 252592-BA

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Phone - 631-249-1456 Fax - 631-249-8344

05/22/2008

Volatiles - EPA 8260B

Sample: 0706160-2
Client Sample ID: TP5 (0-1.5)
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 06/12/2007

Type: Grab

Collected: 06/07/2007 07:29
% Solid: 87.5%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
67-64-1	Acetone	B2373-9733	5.77	5.77	ug/Kg	U
56-23-5	Carbon Tetrachloride	B2373-9733	0.65	0.65	ug/Kg	U
67-66-3	Chloroform	B2373-9733	0.54	0.54	ug/Kg	U
71-43-2	Benzene	B2373-9733	0.57	0.57	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	B2373-9733	0.57	0.57	ug/Kg	U
74-83-9	Bromomethane	B2373-9733	0.59	0.59	ug/Kg	U
74-87-3	Chloromethane	B2373-9733	0.44	0.44	ug/Kg	U
74-95-3	Dibromomethane	B2373-9733	0.57	0.57	ug/Kg	U
74-97-5	Bromochloromethane	B2373-9733	1.14	1.14	ug/Kg	U
75-00-3	Chloroethane	B2373-9733	1.45	1.45	ug/Kg	U
75-01-4	Vinyl Chloride	B2373-9733	0.67	0.67	ug/Kg	U
75-09-2	Methylene Chloride	B2373-9733	0.97	**1.72**	ug/Kg	BJ
75-15-0	Carbon disulfide	B2373-9733	1.42	1.42	ug/Kg	U
75-25-2	Bromoform	B2373-9733	1.29	1.29	ug/Kg	U
75-27-4	Bromodichloromethane	B2373-9733	0.49	0.49	ug/Kg	U
75-34-3	1,1-Dichloroethane	B2373-9733	0.50	0.50	ug/Kg	U
75-35-4	1,1-Dichloroethene	B2373-9733	0.79	0.79	ug/Kg	U
75-45-6	Chlorodifluoromethane	B2373-9733	0.74	0.74	ug/Kg	U
75-65-0	Tertiary butyl alcohol	B2373-9733	19.8	19.8	ug/Kg	U
75-69-4	Trichlorofluoromethane	B2373-9733	0.73	0.73	ug/Kg	U
75-71-8	Dichlorodifluoromethane	B2373-9733	0.60	0.60	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	B2373-9733	0.84	0.84	ug/Kg	U
78-87-5	1,2-Dichloropropane	B2373-9733	0.43	0.43	ug/Kg	U
78-93-3	2-Butanone	B2373-9733	3.60	3.60	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	B2373-9733	1.00	1.00	ug/Kg	U
79-01-6	Trichloroethene	B2373-9733	0.41	0.41	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	B2373-9733	1.63	1.63	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	B2373-9733	1.17	1.17	ug/Kg	U
87-68-3	Hexachlorobutadiene	B2373-9733	1.13	1.13	ug/Kg	U
91-20-3	Naphthalene	B2373-9733	1.39	1.39	ug/Kg	U
95-47-6	o-xylene	B2373-9733	0.86	0.86	ug/Kg	U
95-49-8	2-Chlorotoluene	B2373-9733	1.01	1.01	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	B2373-9733	1.35	1.35	ug/Kg	U

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706160-2

Client Sample ID: TP5 (0-1.5)
Matrix: Soil
Type: Grab
Collected: 06/07/2007 07:29
% Solid: 87.5%
Remarks: See Case Narrative
Analyzed Date: 06/12/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
95-63-6	1,2,4-Trimethylbenzene	B2373-9733	1.07	1.07	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	B2373-9733	1.24	1.24	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	B2373-9733	2.61	2.61	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	B2373-9733	2.29	2.29	ug/Kg	U
98-06-6	tert-Butylbenzene	B2373-9733	1.09	1.09	ug/Kg	U
98-82-8	Isopropylbenzene	B2373-9733	0.72	0.72	ug/Kg	U
99-87-6	4-Isopropyltoluene	B2373-9733	0.90	0.90	ug/Kg	U
100-41-4	Ethylbenzene	B2373-9733	0.49	0.49	ug/Kg	U
100-42-5	Styrene	B2373-9733	0.84	0.84	ug/Kg	U
103-65-1	n-Propylbenzene	B2373-9733	0.82	0.82	ug/Kg	U
104-51-8	n-Butylbenzene	B2373-9733	1.01	1.01	ug/Kg	U
105-05-5	p-Diethylbenzene	B2373-9733	1.13	1.13	ug/Kg	U
106-43-4	4-Chlorotoluene	B2373-9733	1.12	1.12	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	B2373-9733	1.17	1.17	ug/Kg	U
106-93-4	1,2-Dibromoethane	B2373-9733	0.84	0.84	ug/Kg	U
107-06-2	1,2-Dichloroethane	B2373-9733	0.65	0.65	ug/Kg	U
107-13-1	Acrylonitrile	B2373-9733	6.99	6.99	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	B2373-9733	2.21	2.21	ug/Kg	U
108-38-3	m,p-xylene	B2373-9733	1.14	1.14	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	B2373-9733	0.93	0.93	ug/Kg	U
108-86-1	Bromobenzene	B2373-9733	0.92	0.92	ug/Kg	U
108-88-3	Toluene	B2373-9733	0.43	0.43	ug/Kg	U
108-90-7	Chlorobenzene	B2373-9733	0.58	0.58	ug/Kg	U
110-75-8	2-Chloroethylvinylether	B2373-9733	3.86	3.86	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	B2373-9733	1.14	1.14	ug/Kg	U
124-48-1	Dibromochloromethane	B2373-9733	0.82	0.82	ug/Kg	U
127-18-4	Tetrachloroethene	B2373-9733	0.66	0.66	ug/Kg	U
135-98-8	sec-Butylbenzene	B2373-9733	0.95	0.95	ug/Kg	U
142-28-9	1,3-Dichloropropane	B2373-9733	0.62	0.62	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	B2373-9733	0.62	0.62	ug/Kg	U
156-60-5	t-1,2-Dichloroethene	B2373-9733	0.48	0.48	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	B2373-9733	1.13	1.13	ug/Kg	U
563-58-6	1,1-Dichloropropene	B2373-9733	1.20	1.20	ug/Kg	U

Environmental Testing Laboratories, Inc.
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Phone - 631-249-1456 Fax - 631-249-8344

05/22/2008

Volatiles - EPA 8260B

Sample: 0706160-2

Client Sample ID: TP5 (0-1.5)
Matrix: Soil
Type: Grab
Remarks: See Case Narrative
Analyzed Date: 06/12/2007

Collected: 06/07/2007 07:29
% Solid: 87.5%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
590-20-7	2,2-Dichloropropane	B2373-9733	0.88	0.88	ug/Kg	U
591-78-6	2-Hexanone	B2373-9733	1.98	1.98	ug/Kg	U
622-96-8	p-Ethyltoluene	B2373-9733	1.05	1.05	ug/Kg	U
630-20-6	1,1,1,2-Tetrachloroethane	B2373-9733	0.90	0.90	ug/Kg	U
994-05-8	TAME	B2373-9733	2.39	2.39	ug/Kg	U
1634-04-4	Methyl t-butyl ether	B2373-9733	0.57	0.57	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	B2373-9733	0.56	0.56	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	B2373-9733	0.56	0.56	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	B2373-9733	107.0 %	(68 - 120)	
460-00-4	4-BROMOFLUOROBENZENE	B2373-9733	102.0 %	(80 - 110)	
4774-33-8	DIBROMOFLUOROMETHANE	B2373-9733	101.0 %	(68 - 156)	
2037-26-5	TOLUENE-D8	B2373-9733	96.7 %	(87 - 113)	

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706160-3

Client Sample ID: TP5 (1.5-3)
Matrix: Soil
Type: Grab
Remarks: See Case Narrative
Analyzed Date: 06/14/2007

Collected: 06/07/2007 07:40
% Solid: 82.7%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
67-64-1	Acetone	C2619-4291	356	356	ug/Kg	U
56-23-5	Carbon Tetrachloride	C2619-4291	103	103	ug/Kg	U
67-66-3	Chloroform	C2619-4291	115	115	ug/Kg	U
71-43-2	Benzene	C2619-4291	110	110	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	C2619-4291	109	109	ug/Kg	U
74-83-9	Bromomethane	C2619-4291	134	134	ug/Kg	U
74-87-3	Chloromethane	C2619-4291	113	113	ug/Kg	U
74-95-3	Dibromomethane	C2619-4291	104	104	ug/Kg	U
74-97-5	Bromochloromethane	C2619-4291	104	104	ug/Kg	U
75-00-3	Chloroethane	C2619-4291	202	202	ug/Kg	U
75-01-4	Vinyl Chloride	C2619-4291	110	110	ug/Kg	U
75-09-2	Methylene Chloride	C2619-4291	119	119	ug/Kg	U
75-15-0	Carbon disulfide	C2619-4291	112	112	ug/Kg	U
75-25-2	Bromoform	C2619-4291	101	101	ug/Kg	U
75-27-4	Bromodichloromethane	C2619-4291	101	101	ug/Kg	U
75-34-3	1,1-Dichloroethane	C2619-4291	118	118	ug/Kg	U
75-35-4	1,1-Dichloroethene	C2619-4291	118	118	ug/Kg	U
75-45-6	Chlorodifluoromethane	C2619-4291	116	116	ug/Kg	U
75-65-0	Tertiary butyl alcohol	C2619-4291	1380	1380	ug/Kg	U
75-69-4	Trichlorofluoromethane	C2619-4291	104	104	ug/Kg	U
75-71-8	Dichlorodifluoromethane	C2619-4291	106	106	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	C2619-4291	92.1	92.1	ug/Kg	U
78-87-5	1,2-Dichloropropane	C2619-4291	98.2	98.2	ug/Kg	U
78-93-3	2-Butanone	C2619-4291	349	349	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	C2619-4291	130	130	ug/Kg	U
79-01-6	Trichloroethene	C2619-4291	104	104	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	C2619-4291	122	122	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	C2619-4291	77.0	77.0	ug/Kg	U
87-68-3	Hexachlorobutadiene	C2619-4291	80.0	80.0	ug/Kg	U
91-20-3	Naphthalene	C2619-4291	93.6	**2070**	ug/Kg	
95-47-6	o-xylene	C2619-4291	103	103	ug/Kg	U
95-49-8	2-Chlorotoluene	C2619-4291	92.1	92.1	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	C2619-4291	96.6	96.6	ug/Kg	U

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

05/22/2008

Volatiles - EPA 8260B

Sample: 0706160-3
Client Sample ID: TP5 (1.5-3)
Matrix: Soil
Type: Grab
Collected: 06/07/2007 07:40
% Solid: 82.7%
Remarks: See Case Narrative
Analyzed Date: 06/14/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
95-63-6	1,2,4-Trimethylbenzene	C2619-4291	81.5	**2150**	ug/Kg	
95-93-2	1,2,4,5-Tetramethylbenzene	C2619-4291	90.6	**1140**	ug/Kg	
96-12-8	1,2-Dibromo-3-chloropropane	C2619-4291	96.6	96.6	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	C2619-4291	163	163	ug/Kg	U
98-06-6	tert-Butylbenzene	C2619-4291	84.6	84.6	ug/Kg	U
98-82-8	Isopropylbenzene	C2619-4291	96.6	96.6	ug/Kg	U
99-87-6	4-Isopropyltoluene	C2619-4291	81.5	**372**	ug/Kg	J
100-41-4	Ethylbenzene	C2619-4291	106	106	ug/Kg	U
100-42-5	Styrene	C2619-4291	90.6	90.6	ug/Kg	U
103-65-1	n-Propylbenzene	C2619-4291	96.6	**202**	ug/Kg	J
104-51-8	n-Butylbenzene	C2619-4291	87.6	**456**	ug/Kg	J
105-05-5	p-Diethylbenzene	C2619-4291	87.6	**472**	ug/Kg	J
106-43-4	4-Chlorotoluene	C2619-4291	90.6	90.6	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	C2619-4291	99.7	99.7	ug/Kg	U
106-93-4	1,2-Dibromoethane	C2619-4291	107	107	ug/Kg	U
107-06-2	1,2-Dichloroethane	C2619-4291	106	106	ug/Kg	U
107-13-1	Acrylonitrile	C2619-4291	687	687	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	C2619-4291	374	374	ug/Kg	U
108-38-3	m,p-xylene	C2619-4291	174	174	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	C2619-4291	84.6	84.6	ug/Kg	U
108-86-1	Bromobenzene	C2619-4291	101	101	ug/Kg	U
108-88-3	Toluene	C2619-4291	83.1	83.1	ug/Kg	U
108-90-7	Chlorobenzene	C2619-4291	106	106	ug/Kg	U
110-75-8	2-Chloroethylvinylether	C2619-4291	195	195	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	C2619-4291	84.6	84.6	ug/Kg	U
124-48-1	Dibromochloromethane	C2619-4291	103	103	ug/Kg	U
127-18-4	Tetrachloroethene	C2619-4291	95.1	95.1	ug/Kg	U
135-98-8	sec-Butylbenzene	C2619-4291	87.6	**277**	ug/Kg	J
142-28-9	1,3-Dichloropropane	C2619-4291	99.7	99.7	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	C2619-4291	103	103	ug/Kg	U
156-60-5	t-1,2-Dichloroethene	C2619-4291	101	101	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	C2619-4291	95.1	95.1	ug/Kg	U
563-58-6	1,1-Dichloropropene	C2619-4291	104	104	ug/Kg	U

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706160-3

Client Sample ID: TP5 (1.5-3)
Matrix: Soil
Type: Grab
Remarks: See Case Narrative
Analyzed Date: 06/14/2007

Collected: 06/07/2007 07:40
% Solid: 82.7%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
590-20-7	2,2-Dichloropropane	C2619-4291	74.0	74.0	ug/Kg	U
591-78-6	2-Hexanone	C2619-4291	334	334	ug/Kg	U
622-96-8	p-Ethyltoluene	C2619-4291	89.1	**228**	ug/Kg	J
630-20-6	1,1,1,2-Tetrachloroethane	C2619-4291	103	103	ug/Kg	U
994-05-8	TAME	C2619-4291	64.9	64.9	ug/Kg	U
1634-04-4	Methyl t-butyl ether	C2619-4291	112	112	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	C2619-4291	80.0	80.0	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	C2619-4291	96.6	96.6	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	C2619-4291	89.2 %	(70 - 124)	
460-00-4	4-BROMOFLUOROBENZENE	C2619-4291	102.0 %	(74 - 124)	
4774-33-8	DIBROMOFLUOROMETHANE	C2619-4291	111.0 %	(77 - 162)	
2037-26-5	TOLUENE-D8	C2619-4291	96.4 %	(73 - 120)	

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706160-5

Client Sample ID: TP6 (0-2)
Collected: 06/07/2007 09:42
Matrix: Soil
Type: Grab
% Solid: 74.8%
Remarks: See Case Narrative
Analyzed Date: 06/14/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
67-64-1	Acetone	C2619-4292	394	394	ug/Kg	U
56-23-5	Carbon Tetrachloride	C2619-4292	114	114	ug/Kg	U
67-66-3	Chloroform	C2619-4292	127	127	ug/Kg	U
71-43-2	Benzene	C2619-4292	122	122	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	C2619-4292	120	120	ug/Kg	U
74-83-9	Bromomethane	C2619-4292	149	149	ug/Kg	U
74-87-3	Chloromethane	C2619-4292	125	125	ug/Kg	U
74-95-3	Dibromomethane	C2619-4292	115	115	ug/Kg	U
74-97-5	Bromochloromethane	C2619-4292	115	115	ug/Kg	U
75-00-3	Chloroethane	C2619-4292	224	224	ug/Kg	U
75-01-4	Vinyl Chloride	C2619-4292	122	122	ug/Kg	U
75-09-2	Methylene Chloride	C2619-4292	132	132	ug/Kg	U
75-15-0	Carbon disulfide	C2619-4292	124	124	ug/Kg	U
75-25-2	Bromoform	C2619-4292	112	112	ug/Kg	U
75-27-4	Bromodichloromethane	C2619-4292	112	112	ug/Kg	U
75-34-3	1,1-Dichloroethane	C2619-4292	130	130	ug/Kg	U
75-35-4	1,1-Dichloroethene	C2619-4292	130	130	ug/Kg	U
75-45-6	Chlorodifluoromethane	C2619-4292	129	129	ug/Kg	U
75-65-0	Tertiary butyl alcohol	C2619-4292	1520	1520	ug/Kg	U
75-69-4	Trichlorofluoromethane	C2619-4292	115	115	ug/Kg	U
75-71-8	Dichlorodifluoromethane	C2619-4292	117	117	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	C2619-4292	102	102	ug/Kg	U
78-87-5	1,2-Dichloropropane	C2619-4292	109	109	ug/Kg	U
78-93-3	2-Butanone	C2619-4292	386	386	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	C2619-4292	144	144	ug/Kg	U
79-01-6	Trichloroethene	C2619-4292	115	115	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	C2619-4292	135	135	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	C2619-4292	85.2	85.2	ug/Kg	U
87-68-3	Hexachlorobutadiene	C2619-4292	88.5	88.5	ug/Kg	U
91-20-3	Naphthalene	C2619-4292	104	**222**	ug/Kg	J
95-47-6	o-xylene	C2619-4292	114	114	ug/Kg	U
95-49-8	2-Chlorotoluene	C2619-4292	102	102	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	C2619-4292	107	107	ug/Kg	U

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706160-5

Client Sample ID: TP6 (0-2)
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 06/14/2007

Type: Grab

Collected: 06/07/2007 09:42
% Solid: 74.8%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
95-63-6	1,2,4-Trimethylbenzene	C2619-4292	90.2	**156**	ug/Kg	J
95-93-2	1,2,4,5-Tetramethylbenzene	C2619-4292	100	**1170**	ug/Kg	
96-12-8	1,2-Dibromo-3-chloropropane	C2619-4292	107	107	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	C2619-4292	180	180	ug/Kg	U
98-06-6	tert-Butylbenzene	C2619-4292	93.5	93.5	ug/Kg	U
98-82-8	Isopropylbenzene	C2619-4292	107	107	ug/Kg	U
99-87-6	4-Isopropyltoluene	C2619-4292	90.2	**193**	ug/Kg	J
100-41-4	Ethylbenzene	C2619-4292	117	117	ug/Kg	U
100-42-5	Styrene	C2619-4292	100	100	ug/Kg	U
103-65-1	n-Propylbenzene	C2619-4292	107	107	ug/Kg	U
104-51-8	n-Butylbenzene	C2619-4292	96.9	96.9	ug/Kg	U
105-05-5	p-Diethylbenzene	C2619-4292	96.9	96.9	ug/Kg	U
106-43-4	4-Chlorotoluene	C2619-4292	100	100	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	C2619-4292	110	110	ug/Kg	U
106-93-4	1,2-Dibromoethane	C2619-4292	119	119	ug/Kg	U
107-06-2	1,2-Dichloroethane	C2619-4292	117	117	ug/Kg	U
107-13-1	Acrylonitrile	C2619-4292	760	760	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	C2619-4292	414	414	ug/Kg	U
108-38-3	m,p-xylene	C2619-4292	192	192	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	C2619-4292	93.5	93.5	ug/Kg	U
108-86-1	Bromobenzene	C2619-4292	112	112	ug/Kg	U
108-88-3	Toluene	C2619-4292	91.8	91.8	ug/Kg	U
108-90-7	Chlorobenzene	C2619-4292	117	117	ug/Kg	U
110-75-8	2-Chloroethylvinylether	C2619-4292	215	215	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	C2619-4292	93.5	93.5	ug/Kg	U
124-48-1	Dibromochloromethane	C2619-4292	114	114	ug/Kg	U
127-18-4	Tetrachloroethene	C2619-4292	105	105	ug/Kg	U
135-98-8	sec-Butylbenzene	C2619-4292	96.9	96.9	ug/Kg	U
142-28-9	1,3-Dichloropropane	C2619-4292	110	110	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	C2619-4292	114	114	ug/Kg	U
156-60-5	t-1,2-Dichloroethene	C2619-4292	112	112	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	C2619-4292	105	105	ug/Kg	U
563-58-6	1,1-Dichloropropene	C2619-4292	115	115	ug/Kg	U

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706160-5

Client Sample ID: TP6 (0-2)
Matrix: Soil
Type: Grab
Remarks: See Case Narrative
Analyzed Date: 06/14/2007

Collected: 06/07/2007 09:42
% Solid: 74.8%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
590-20-7	2,2-Dichloropropane	C2619-4292	81.8	81.8	ug/Kg	U
591-78-6	2-Hexanone	C2619-4292	369	369	ug/Kg	U
622-96-8	p-Ethyltoluene	C2619-4292	98.5	98.5	ug/Kg	U
630-20-6	1,1,1,2-Tetrachloroethane	C2619-4292	114	114	ug/Kg	U
994-05-8	TAME	C2619-4292	71.8	71.8	ug/Kg	U
1634-04-4	Methyl t-butyl ether	C2619-4292	124	124	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	C2619-4292	88.5	88.5	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	C2619-4292	107	107	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	C2619-4292	92.6 %	(70 - 124)	
460-00-4	4-BROMOFLUOROBENZENE	C2619-4292	104.0 %	(74 - 124)	
4774-33-8	DIBROMOFLUOROMETHANE	C2619-4292	114.0 %	(77 - 162)	
2037-26-5	TOLUENE-D8	C2619-4292	95.8 %	(73 - 120)	

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706160-6

Client Sample ID: TP6 (2-4)
Collected: 06/07/2007 09:47
Matrix: Soil
Type: Grab
% Solid: 84.3%
Remarks: See Case Narrative
Analyzed Date: 06/14/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
67-64-1	Acetone	C2619-4293	349	349	ug/Kg	U
56-23-5	Carbon Tetrachloride	C2619-4293	101	101	ug/Kg	U
67-66-3	Chloroform	C2619-4293	112	112	ug/Kg	U
71-43-2	Benzene	C2619-4293	108	108	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	C2619-4293	107	107	ug/Kg	U
74-83-9	Bromomethane	C2619-4293	132	132	ug/Kg	U
74-87-3	Chloromethane	C2619-4293	111	111	ug/Kg	U
74-95-3	Dibromomethane	C2619-4293	102	102	ug/Kg	U
74-97-5	Bromochloromethane	C2619-4293	102	102	ug/Kg	U
75-00-3	Chloroethane	C2619-4293	198	198	ug/Kg	U
75-01-4	Vinyl Chloride	C2619-4293	108	108	ug/Kg	U
75-09-2	Methylene Chloride	C2619-4293	117	117	ug/Kg	U
75-15-0	Carbon disulfide	C2619-4293	110	110	ug/Kg	U
75-25-2	Bromoform	C2619-4293	99.2	99.2	ug/Kg	U
75-27-4	Bromodichloromethane	C2619-4293	99.2	99.2	ug/Kg	U
75-34-3	1,1-Dichloroethane	C2619-4293	115	115	ug/Kg	U
75-35-4	1,1-Dichloroethene	C2619-4293	115	115	ug/Kg	U
75-45-6	Chlorodifluoromethane	C2619-4293	114	114	ug/Kg	U
75-65-0	Tertiary butyl alcohol	C2619-4293	1350	1350	ug/Kg	U
75-69-4	Trichlorofluoromethane	C2619-4293	102	102	ug/Kg	U
75-71-8	Dichlorodifluoromethane	C2619-4293	104	104	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	C2619-4293	90.3	90.3	ug/Kg	U
78-87-5	1,2-Dichloropropane	C2619-4293	96.2	96.2	ug/Kg	U
78-93-3	2-Butanone	C2619-4293	342	342	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	C2619-4293	127	127	ug/Kg	U
79-01-6	Trichloroethene	C2619-4293	102	102	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	C2619-4293	120	120	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	C2619-4293	75.5	75.5	ug/Kg	U
87-68-3	Hexachlorobutadiene	C2619-4293	78.4	78.4	ug/Kg	U
91-20-3	Naphthalene	C2619-4293	91.8	91.8	ug/Kg	U
95-47-6	o-xylene	C2619-4293	101	101	ug/Kg	U
95-49-8	2-Chlorotoluene	C2619-4293	90.3	90.3	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	C2619-4293	94.7	94.7	ug/Kg	U

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Phone - 631-249-1456 Fax - 631-249-8344

05/22/2008

Volatiles - EPA 8260B

Sample: 0706160-6
Client Sample ID: TP6 (2-4)
Matrix: Soil
Type: Grab
Collected: 06/07/2007 09:47
% Solid: 84.3%
Remarks: See Case Narrative
Analyzed Date: 06/14/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
95-63-6	1,2,4-Trimethylbenzene	C2619-4293	79.9	**130**	ug/Kg	J
95-93-2	1,2,4,5-Tetramethylbenzene	C2619-4293	88.8	**712**	ug/Kg	J
96-12-8	1,2-Dibromo-3-chloropropane	C2619-4293	94.7	94.7	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	C2619-4293	160	160	ug/Kg	U
98-06-6	tert-Butylbenzene	C2619-4293	82.9	82.9	ug/Kg	U
98-82-8	Isopropylbenzene	C2619-4293	94.7	94.7	ug/Kg	U
99-87-6	4-Isopropyltoluene	C2619-4293	79.9	**127**	ug/Kg	J
100-41-4	Ethylbenzene	C2619-4293	104	104	ug/Kg	U
100-42-5	Styrene	C2619-4293	88.8	88.8	ug/Kg	U
103-65-1	n-Propylbenzene	C2619-4293	94.7	94.7	ug/Kg	U
104-51-8	n-Butylbenzene	C2619-4293	85.8	**124**	ug/Kg	J
105-05-5	p-Diethylbenzene	C2619-4293	85.8	**144**	ug/Kg	J
106-43-4	4-Chlorotoluene	C2619-4293	88.8	88.8	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	C2619-4293	97.7	97.7	ug/Kg	U
106-93-4	1,2-Dibromoethane	C2619-4293	105	105	ug/Kg	U
107-06-2	1,2-Dichloroethane	C2619-4293	104	104	ug/Kg	U
107-13-1	Acrylonitrile	C2619-4293	673	673	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	C2619-4293	367	367	ug/Kg	U
108-38-3	m,p-xylene	C2619-4293	170	170	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	C2619-4293	82.9	**126**	ug/Kg	J
108-86-1	Bromobenzene	C2619-4293	99.2	99.2	ug/Kg	U
108-88-3	Toluene	C2619-4293	81.4	81.4	ug/Kg	U
108-90-7	Chlorobenzene	C2619-4293	104	104	ug/Kg	U
110-75-8	2-Chloroethylvinylether	C2619-4293	191	191	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	C2619-4293	82.9	82.9	ug/Kg	U
124-48-1	Dibromochloromethane	C2619-4293	101	101	ug/Kg	U
127-18-4	Tetrachloroethene	C2619-4293	93.2	93.2	ug/Kg	U
135-98-8	sec-Butylbenzene	C2619-4293	85.8	**157**	ug/Kg	J
142-28-9	1,3-Dichloropropane	C2619-4293	97.7	97.7	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	C2619-4293	101	101	ug/Kg	U
156-60-5	t-1,2-Dichloroethene	C2619-4293	99.2	99.2	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	C2619-4293	93.2	93.2	ug/Kg	U
563-58-6	1,1-Dichloropropene	C2619-4293	102	102	ug/Kg	U

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706160-6

Client Sample ID: TP6 (2-4)
Matrix: Soil
Type: Grab
Collected: 06/07/2007 09:47
% Solid: 84.3%
Remarks: See Case Narrative
Analyzed Date: 06/14/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
590-20-7	2,2-Dichloropropane	C2619-4293	72.5	72.5	ug/Kg	U
591-78-6	2-Hexanone	C2619-4293	327	327	ug/Kg	U
622-96-8	p-Ethyltoluene	C2619-4293	87.3	**103**	ug/Kg	J
630-20-6	1,1,1,2-Tetrachloroethane	C2619-4293	101	101	ug/Kg	U
994-05-8	TAME	C2619-4293	63.6	63.6	ug/Kg	U
1634-04-4	Methyl t-butyl ether	C2619-4293	110	110	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	C2619-4293	78.4	78.4	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	C2619-4293	94.7	94.7	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	C2619-4293	92.6 %	(70 - 124)	
460-00-4	4-BROMOFLUOROBENZENE	C2619-4293	103.0 %	(74 - 124)	
4774-33-8	DIBROMOFLUOROMETHANE	C2619-4293	117.0 %	(77 - 162)	
2037-26-5	TOLUENE-D8	C2619-4293	96.1 %	(73 - 120)	

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706160-8
Client Sample ID: TP7 (0-2)
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 06/12/2007

Type: Grab

Collected: 06/07/2007 10:30
% Solid: 70.3%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
67-64-1	Acetone	B2373-9734	7.19	7.19	ug/Kg	U
56-23-5	Carbon Tetrachloride	B2373-9734	0.81	0.81	ug/Kg	U
67-66-3	Chloroform	B2373-9734	0.67	0.67	ug/Kg	U
71-43-2	Benzene	B2373-9734	0.71	0.71	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	B2373-9734	0.71	0.71	ug/Kg	U
74-83-9	Bromomethane	B2373-9734	0.74	0.74	ug/Kg	U
74-87-3	Chloromethane	B2373-9734	0.55	0.55	ug/Kg	U
74-95-3	Dibromomethane	B2373-9734	0.71	0.71	ug/Kg	U
74-97-5	Bromochloromethane	B2373-9734	1.42	1.42	ug/Kg	U
75-00-3	Chloroethane	B2373-9734	1.80	1.80	ug/Kg	U
75-01-4	Vinyl Chloride	B2373-9734	0.84	0.84	ug/Kg	U
75-09-2	Methylene Chloride	B2373-9734	1.21	**5.32**	ug/Kg	BJ
75-15-0	Carbon disulfide	B2373-9734	1.77	1.77	ug/Kg	U
75-25-2	Bromoform	B2373-9734	1.60	1.60	ug/Kg	U
75-27-4	Bromodichloromethane	B2373-9734	0.61	0.61	ug/Kg	U
75-34-3	1,1-Dichloroethane	B2373-9734	0.62	0.62	ug/Kg	U
75-35-4	1,1-Dichloroethene	B2373-9734	0.98	0.98	ug/Kg	U
75-45-6	Chlorodifluoromethane	B2373-9734	0.92	0.92	ug/Kg	U
75-65-0	Tertiary butyl alcohol	B2373-9734	24.7	24.7	ug/Kg	U
75-69-4	Trichlorofluoromethane	B2373-9734	0.91	0.91	ug/Kg	U
75-71-8	Dichlorodifluoromethane	B2373-9734	0.75	0.75	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	B2373-9734	1.05	1.05	ug/Kg	U
78-87-5	1,2-Dichloropropane	B2373-9734	0.54	0.54	ug/Kg	U
78-93-3	2-Butanone	B2373-9734	4.49	4.49	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	B2373-9734	1.25	1.25	ug/Kg	U
79-01-6	Trichloroethene	B2373-9734	0.51	0.51	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	B2373-9734	2.03	2.03	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	B2373-9734	1.46	1.46	ug/Kg	U
87-68-3	Hexachlorobutadiene	B2373-9734	1.41	1.41	ug/Kg	U
91-20-3	Naphthalene	B2373-9734	1.73	1.73	ug/Kg	U
95-47-6	o-xylene	B2373-9734	1.07	1.07	ug/Kg	U
95-49-8	2-Chlorotoluene	B2373-9734	1.26	1.26	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	B2373-9734	1.68	1.68	ug/Kg	U

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706160-8

Client Sample ID: TP7 (0-2)
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 06/12/2007

Type: Grab

Collected: 06/07/2007 10:30
% Solid: 70.3%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
95-63-6	1,2,4-Trimethylbenzene	B2373-9734	1.33	1.33	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	B2373-9734	1.55	1.55	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	B2373-9734	3.25	3.25	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	B2373-9734	2.85	2.85	ug/Kg	U
98-06-6	tert-Butylbenzene	B2373-9734	1.36	1.36	ug/Kg	U
98-82-8	Isopropylbenzene	B2373-9734	0.89	0.89	ug/Kg	U
99-87-6	4-Isopropyltoluene	B2373-9734	1.12	1.12	ug/Kg	U
100-41-4	Ethylbenzene	B2373-9734	0.61	0.61	ug/Kg	U
100-42-5	Styrene	B2373-9734	1.05	1.05	ug/Kg	U
103-65-1	n-Propylbenzene	B2373-9734	1.02	1.02	ug/Kg	U
104-51-8	n-Butylbenzene	B2373-9734	1.26	1.26	ug/Kg	U
105-05-5	p-Diethylbenzene	B2373-9734	1.41	1.41	ug/Kg	U
106-43-4	4-Chlorotoluene	B2373-9734	1.39	1.39	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	B2373-9734	1.46	1.46	ug/Kg	U
106-93-4	1,2-Dibromoethane	B2373-9734	1.05	1.05	ug/Kg	U
107-06-2	1,2-Dichloroethane	B2373-9734	0.81	0.81	ug/Kg	U
107-13-1	Acrylonitrile	B2373-9734	8.70	8.70	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	B2373-9734	2.75	2.75	ug/Kg	U
108-38-3	m,p-xylene	B2373-9734	1.42	1.42	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	B2373-9734	1.16	1.16	ug/Kg	U
108-86-1	Bromobenzene	B2373-9734	1.15	1.15	ug/Kg	U
108-88-3	Toluene	B2373-9734	0.54	0.54	ug/Kg	U
108-90-7	Chlorobenzene	B2373-9734	0.72	0.72	ug/Kg	U
110-75-8	2-Chloroethylvinylether	B2373-9734	4.81	4.81	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	B2373-9734	1.42	1.42	ug/Kg	U
124-48-1	Dibromochloromethane	B2373-9734	1.02	1.02	ug/Kg	U
127-18-4	Tetrachloroethene	B2373-9734	0.82	0.82	ug/Kg	U
135-98-8	sec-Butylbenzene	B2373-9734	1.18	1.18	ug/Kg	U
142-28-9	1,3-Dichloropropane	B2373-9734	0.77	0.77	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	B2373-9734	0.77	0.77	ug/Kg	U
156-60-5	t-1,2-Dichloroethene	B2373-9734	0.60	0.60	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	B2373-9734	1.41	1.41	ug/Kg	U
563-58-6	1,1-Dichloropropene	B2373-9734	1.49	1.49	ug/Kg	U

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706160-8

Client Sample ID: TP7 (0-2)
Matrix: Soil
Type: Grab
Remarks: See Case Narrative
Analyzed Date: 06/12/2007

Collected: 06/07/2007 10:30
% Solid: 70.3%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
590-20-7	2,2-Dichloropropane	B2373-9734	1.09	1.09	ug/Kg	U
591-78-6	2-Hexanone	B2373-9734	2.47	2.47	ug/Kg	U
622-96-8	p-Ethyltoluene	B2373-9734	1.31	1.31	ug/Kg	U
630-20-6	1,1,1,2-Tetrachloroethane	B2373-9734	1.12	1.12	ug/Kg	U
994-05-8	TAME	B2373-9734	2.98	2.98	ug/Kg	U
1634-04-4	Methyl t-butyl ether	B2373-9734	0.71	0.71	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	B2373-9734	0.70	0.70	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	B2373-9734	0.70	0.70	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	B2373-9734	105.0 %	(68 - 120)	
460-00-4	4-BROMOFLUOROBENZENE	B2373-9734	98.3 %	(80 - 110)	
4774-33-8	DIBROMOFLUOROMETHANE	B2373-9734	102.0 %	(68 - 156)	
2037-26-5	TOLUENE-D8	B2373-9734	95.6 %	(87 - 113)	

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706160-9

Client Sample ID: TP7 (2-4)
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 06/12/2007

Type: Grab

Collected: 06/07/2007 10:35
% Solid: 83.4%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
67-64-1	Acetone	B2373-9735	6.07	**18.3**	ug/Kg	J
56-23-5	Carbon Tetrachloride	B2373-9735	0.68	0.68	ug/Kg	U
67-66-3	Chloroform	B2373-9735	0.56	0.56	ug/Kg	U
71-43-2	Benzene	B2373-9735	0.60	0.60	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	B2373-9735	0.60	0.60	ug/Kg	U
74-83-9	Bromomethane	B2373-9735	0.62	0.62	ug/Kg	U
74-87-3	Chloromethane	B2373-9735	0.47	0.47	ug/Kg	U
74-95-3	Dibromomethane	B2373-9735	0.60	0.60	ug/Kg	U
74-97-5	Bromochloromethane	B2373-9735	1.20	1.20	ug/Kg	U
75-00-3	Chloroethane	B2373-9735	1.52	1.52	ug/Kg	U
75-01-4	Vinyl Chloride	B2373-9735	0.71	0.71	ug/Kg	U
75-09-2	Methylene Chloride	B2373-9735	1.02	**3.93**	ug/Kg	BJ
75-15-0	Carbon disulfide	B2373-9735	1.50	1.50	ug/Kg	U
75-25-2	Bromoform	B2373-9735	1.36	1.36	ug/Kg	U
75-27-4	Bromodichloromethane	B2373-9735	0.52	0.52	ug/Kg	U
75-34-3	1,1-Dichloroethane	B2373-9735	0.53	0.53	ug/Kg	U
75-35-4	1,1-Dichloroethene	B2373-9735	0.83	0.83	ug/Kg	U
75-45-6	Chlorodifluoromethane	B2373-9735	0.78	0.78	ug/Kg	U
75-65-0	Tertiary butyl alcohol	B2373-9735	20.9	20.9	ug/Kg	U
75-69-4	Trichlorofluoromethane	B2373-9735	0.77	0.77	ug/Kg	U
75-71-8	Dichlorodifluoromethane	B2373-9735	0.64	0.64	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	B2373-9735	0.89	0.89	ug/Kg	U
78-87-5	1,2-Dichloropropane	B2373-9735	0.46	0.46	ug/Kg	U
78-93-3	2-Butanone	B2373-9735	3.79	3.79	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	B2373-9735	1.06	1.06	ug/Kg	U
79-01-6	Trichloroethene	B2373-9735	0.43	0.43	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	B2373-9735	1.72	1.72	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	B2373-9735	1.24	1.24	ug/Kg	U
87-68-3	Hexachlorobutadiene	B2373-9735	1.19	1.19	ug/Kg	U
91-20-3	Naphthalene	B2373-9735	1.46	1.46	ug/Kg	U
95-47-6	o-xylene	B2373-9735	0.90	0.90	ug/Kg	U
95-49-8	2-Chlorotoluene	B2373-9735	1.07	1.07	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	B2373-9735	1.42	1.42	ug/Kg	U

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706160-9
Client Sample ID: TP7 (2-4)
Matrix: Soil
Type: Grab
Collected: 06/07/2007 10:35
% Solid: 83.4%
Remarks: See Case Narrative
Analyzed Date: 06/12/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
95-63-6	1,2,4-Trimethylbenzene	B2373-9735	1.13	1.13	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	B2373-9735	1.31	1.31	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	B2373-9735	2.75	2.75	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	B2373-9735	2.41	2.41	ug/Kg	U
98-06-6	tert-Butylbenzene	B2373-9735	1.15	1.15	ug/Kg	U
98-82-8	Isopropylbenzene	B2373-9735	0.76	0.76	ug/Kg	U
99-87-6	4-Isopropyltoluene	B2373-9735	0.95	0.95	ug/Kg	U
100-41-4	Ethylbenzene	B2373-9735	0.52	0.52	ug/Kg	U
100-42-5	Styrene	B2373-9735	0.89	0.89	ug/Kg	U
103-65-1	n-Propylbenzene	B2373-9735	0.86	0.86	ug/Kg	U
104-51-8	n-Butylbenzene	B2373-9735	1.07	**4.70**	ug/Kg	J
105-05-5	p-Diethylbenzene	B2373-9735	1.19	1.19	ug/Kg	U
106-43-4	4-Chlorotoluene	B2373-9735	1.18	1.18	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	B2373-9735	1.24	1.24	ug/Kg	U
106-93-4	1,2-Dibromoethane	B2373-9735	0.89	0.89	ug/Kg	U
107-06-2	1,2-Dichloroethane	B2373-9735	0.68	0.68	ug/Kg	U
107-13-1	Acrylonitrile	B2373-9735	7.36	7.36	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	B2373-9735	2.33	2.33	ug/Kg	U
108-38-3	m,p-xylene	B2373-9735	1.20	1.20	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	B2373-9735	0.98	0.98	ug/Kg	U
108-86-1	Bromobenzene	B2373-9735	0.97	0.97	ug/Kg	U
108-88-3	Toluene	B2373-9735	0.46	0.46	ug/Kg	U
108-90-7	Chlorobenzene	B2373-9735	0.61	0.61	ug/Kg	U
110-75-8	2-Chloroethylvinylether	B2373-9735	4.07	4.07	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	B2373-9735	1.20	1.20	ug/Kg	U
124-48-1	Dibromochloromethane	B2373-9735	0.86	0.86	ug/Kg	U
127-18-4	Tetrachloroethene	B2373-9735	0.70	0.70	ug/Kg	U
135-98-8	sec-Butylbenzene	B2373-9735	1.00	1.00	ug/Kg	U
142-28-9	1,3-Dichloropropane	B2373-9735	0.65	0.65	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	B2373-9735	0.65	0.65	ug/Kg	U
156-60-5	t-1,2-Dichloroethene	B2373-9735	0.50	0.50	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	B2373-9735	1.19	1.19	ug/Kg	U
563-58-6	1,1-Dichloropropene	B2373-9735	1.26	1.26	ug/Kg	U

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706160-9

Client Sample ID: TP7 (2-4)
Matrix: Soil
Type: Grab
Remarks: See Case Narrative
Analyzed Date: 06/12/2007

Collected: 06/07/2007 10:35
% Solid: 83.4%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
590-20-7	2,2-Dichloropropane	B2373-9735	0.92	0.92	ug/Kg	U
591-78-6	2-Hexanone	B2373-9735	2.09	2.09	ug/Kg	U
622-96-8	p-Ethyltoluene	B2373-9735	1.10	1.10	ug/Kg	U
630-20-6	1,1,1,2-Tetrachloroethane	B2373-9735	0.95	0.95	ug/Kg	U
994-05-8	TAME	B2373-9735	2.52	2.52	ug/Kg	U
1634-04-4	Methyl t-butyl ether	B2373-9735	0.60	0.60	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	B2373-9735	0.59	0.59	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	B2373-9735	0.59	0.59	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	B2373-9735	104.0 %	(68 - 120)	
460-00-4	4-BROMOFLUOROBENZENE	B2373-9735	94.6 %	(80 - 110)	
4774-33-8	DIBROMOFLUOROMETHANE	B2373-9735	101.0 %	(68 - 156)	
2037-26-5	TOLUENE-D8	B2373-9735	97.3 %	(87 - 113)	

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706160-11
Client Sample ID: TP8 (0-2)
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 06/12/2007

Type: Grab

Collected: 06/07/2007 14:45
% Solid: 75.1%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
67-64-1	Acetone	B2373-9736	6.73	6.73	ug/Kg	U
56-23-5	Carbon Tetrachloride	B2373-9736	0.76	0.76	ug/Kg	U
67-66-3	Chloroform	B2373-9736	0.63	0.63	ug/Kg	U
71-43-2	Benzene	B2373-9736	0.67	0.67	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	B2373-9736	0.67	0.67	ug/Kg	U
74-83-9	Bromomethane	B2373-9736	0.69	0.69	ug/Kg	U
74-87-3	Chloromethane	B2373-9736	0.52	0.52	ug/Kg	U
74-95-3	Dibromomethane	B2373-9736	0.67	0.67	ug/Kg	U
74-97-5	Bromochloromethane	B2373-9736	1.33	1.33	ug/Kg	U
75-00-3	Chloroethane	B2373-9736	1.69	1.69	ug/Kg	U
75-01-4	Vinyl Chloride	B2373-9736	0.78	0.78	ug/Kg	U
75-09-2	Methylene Chloride	B2373-9736	1.13	**2.66**	ug/Kg	BJ
75-15-0	Carbon disulfide	B2373-9736	1.66	1.66	ug/Kg	U
75-25-2	Bromoform	B2373-9736	1.50	1.50	ug/Kg	U
75-27-4	Bromodichloromethane	B2373-9736	0.57	0.57	ug/Kg	U
75-34-3	1,1-Dichloroethane	B2373-9736	0.59	0.59	ug/Kg	U
75-35-4	1,1-Dichloroethene	B2373-9736	0.92	0.92	ug/Kg	U
75-45-6	Chlorodifluoromethane	B2373-9736	0.86	0.86	ug/Kg	U
75-65-0	Tertiary butyl alcohol	B2373-9736	23.1	23.1	ug/Kg	U
75-69-4	Trichlorofluoromethane	B2373-9736	0.85	0.85	ug/Kg	U
75-71-8	Dichlorodifluoromethane	B2373-9736	0.70	0.70	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	B2373-9736	0.98	0.98	ug/Kg	U
78-87-5	1,2-Dichloropropane	B2373-9736	0.51	0.51	ug/Kg	U
78-93-3	2-Butanone	B2373-9736	4.20	4.20	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	B2373-9736	1.17	1.17	ug/Kg	U
79-01-6	Trichloroethene	B2373-9736	0.48	0.48	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	B2373-9736	1.90	1.90	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	B2373-9736	1.37	1.37	ug/Kg	U
87-68-3	Hexachlorobutadiene	B2373-9736	1.32	1.32	ug/Kg	U
91-20-3	Naphthalene	B2373-9736	1.62	1.62	ug/Kg	U
95-47-6	o-xylene	B2373-9736	1.00	1.00	ug/Kg	U
95-49-8	2-Chlorotoluene	B2373-9736	1.18	1.18	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	B2373-9736	1.57	1.57	ug/Kg	U

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706160-11
Client Sample ID: TP8 (0-2)
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 06/12/2007

Type: Grab

Collected: 06/07/2007 14:45
% Solid: 75.1%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
95-63-6	1,2,4-Trimethylbenzene	B2373-9736	1.25	1.25	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	B2373-9736	1.45	1.45	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	B2373-9736	3.05	3.05	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	B2373-9736	2.67	2.67	ug/Kg	U
98-06-6	tert-Butylbenzene	B2373-9736	1.28	1.28	ug/Kg	U
98-82-8	Isopropylbenzene	B2373-9736	0.84	0.84	ug/Kg	U
99-87-6	4-Isopropyltoluene	B2373-9736	1.05	1.05	ug/Kg	U
100-41-4	Ethylbenzene	B2373-9736	0.57	0.57	ug/Kg	U
100-42-5	Styrene	B2373-9736	0.98	0.98	ug/Kg	U
103-65-1	n-Propylbenzene	B2373-9736	0.96	0.96	ug/Kg	U
104-51-8	n-Butylbenzene	B2373-9736	1.18	1.18	ug/Kg	U
105-05-5	p-Diethylbenzene	B2373-9736	1.32	1.32	ug/Kg	U
106-43-4	4-Chlorotoluene	B2373-9736	1.30	1.30	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	B2373-9736	1.37	1.37	ug/Kg	U
106-93-4	1,2-Dibromoethane	B2373-9736	0.98	0.98	ug/Kg	U
107-06-2	1,2-Dichloroethane	B2373-9736	0.76	0.76	ug/Kg	U
107-13-1	Acrylonitrile	B2373-9736	8.15	8.15	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	B2373-9736	2.58	2.58	ug/Kg	U
108-38-3	m,p-xylene	B2373-9736	1.33	1.33	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	B2373-9736	1.09	1.09	ug/Kg	U
108-86-1	Bromobenzene	B2373-9736	1.08	1.08	ug/Kg	U
108-88-3	Toluene	B2373-9736	0.51	0.51	ug/Kg	U
108-90-7	Chlorobenzene	B2373-9736	0.68	0.68	ug/Kg	U
110-75-8	2-Chloroethylvinylether	B2373-9736	4.51	4.51	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	B2373-9736	1.33	1.33	ug/Kg	U
124-48-1	Dibromochloromethane	B2373-9736	0.96	0.96	ug/Kg	U
127-18-4	Tetrachloroethene	B2373-9736	0.77	0.77	ug/Kg	U
135-98-8	sec-Butylbenzene	B2373-9736	1.10	1.10	ug/Kg	U
142-28-9	1,3-Dichloropropane	B2373-9736	0.72	0.72	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	B2373-9736	0.72	0.72	ug/Kg	U
156-60-5	t-1,2-Dichloroethene	B2373-9736	0.56	0.56	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	B2373-9736	1.32	1.32	ug/Kg	U
563-58-6	1,1-Dichloropropene	B2373-9736	1.40	1.40	ug/Kg	U

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706160-11
Client Sample ID: TP8 (0-2)
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 06/12/2007

Type: Grab

Collected: 06/07/2007 14:45
% Solid: 75.1%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
590-20-7	2,2-Dichloropropane	B2373-9736	1.02	1.02	ug/Kg	U
591-78-6	2-Hexanone	B2373-9736	2.31	2.31	ug/Kg	U
622-96-8	p-Ethyltoluene	B2373-9736	1.22	1.22	ug/Kg	U
630-20-6	1,1,1,2-Tetrachloroethane	B2373-9736	1.05	1.05	ug/Kg	U
994-05-8	TAME	B2373-9736	2.79	2.79	ug/Kg	U
1634-04-4	Methyl t-butyl ether	B2373-9736	0.67	0.67	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	B2373-9736	0.65	0.65	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	B2373-9736	0.65	0.65	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	B2373-9736	101.0 %	(68 - 120)	
460-00-4	4-BROMOFLUOROBENZENE	B2373-9736	102.0 %	(80 - 110)	
4774-33-8	DIBROMOFLUOROMETHANE	B2373-9736	94.6 %	(68 - 156)	
2037-26-5	TOLUENE-D8	B2373-9736	98.0 %	(87 - 113)	

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706160-2

Client Sample ID: TP5 (0-1.5)
Collected: 06/07/2007 07:29
Matrix: Soil
Type: Grab
% Solid: 87.5%
Remarks:
Analyzed Date: 06/18/2007
Preparation Date(s) : 06/15/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	A1697-866	25.9	25.9	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	A1697-866	33.0	33.0	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	A1697-866	32.8	32.8	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	A1697-866	26.6	26.6	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	A1697-866	21.5	21.5	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	A1697-866	44.6	44.6	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	A1697-866	39.1	39.1	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	A1697-866	31.9	31.9	ug/Kg	U
120-83-2	2,4-Dichlorophenol	A1697-866	28.0	28.0	ug/Kg	U
105-67-9	2,4-Dimethylphenol	A1697-866	23.1	23.1	ug/Kg	U
51-28-5	2,4-Dinitrophenol	A1697-866	174	174	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	A1697-866	21.8	21.8	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	A1697-866	24.8	24.8	ug/Kg	U
91-58-7	2-Chloronaphthalene	A1697-866	30.4	30.4	ug/Kg	U
95-57-8	2-Chlorophenol	A1697-866	36.0	36.0	ug/Kg	U
91-57-6	2-Methylnaphthalene	A1697-866	33.0	**122**	ug/Kg	J
95-48-7	2-Methylphenol	A1697-866	29.3	29.3	ug/Kg	U
88-74-4	2-Nitroaniline	A1697-866	25.9	25.9	ug/Kg	U
88-75-5	2-Nitrophenol	A1697-866	25.0	25.0	ug/Kg	U
106-44-5	3+4-Methylphenol	A1697-866	35.9	35.9	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	A1697-866	57.1	57.1	ug/Kg	U
99-09-2	3-Nitroaniline	A1697-866	43.9	43.9	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	A1697-866	501	501	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	A1697-866	43.1	43.1	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	A1697-866	52.5	52.5	ug/Kg	U
106-47-8	4-Chloroaniline	A1697-866	32.7	32.7	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	A1697-866	28.8	28.8	ug/Kg	U
100-01-6	4-Nitroaniline	A1697-866	55.0	55.0	ug/Kg	U
100-02-7	4-Nitrophenol	A1697-866	56.9	56.9	ug/Kg	U
83-32-9	Acenaphthene	A1697-866	27.9	27.9	ug/Kg	U
208-96-8	Acenaphthylene	A1697-866	33.6	33.6	ug/Kg	U
62-53-3	Aniline	A1697-866	36.2	36.2	ug/Kg	U
120-12-7	Anthracene	A1697-866	39.4	39.4	ug/Kg	U

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706160-2

Client Sample ID: TP5 (0-1.5)
Collected: 06/07/2007 07:29
Matrix: Soil
Type: Grab
% Solid: 87.5%
Remarks:
Analyzed Date: 06/18/2007
Preparation Date(s) : 06/15/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
92-87-5	Benzidine	A1697-866	1190	1190	ug/Kg	U
56-55-3	Benzo(a)anthracene	A1697-866	53.8	53.8	ug/Kg	U
50-32-8	Benzo(a)pyrene	A1697-866	45.5	45.5	ug/Kg	U
205-99-2	Benzo(b)fluoranthene	A1697-866	56.9	**61.3**	ug/Kg	J
191-24-2	Benzo(g,h,i)perylene	A1697-866	56.0	56.0	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	A1697-866	52.6	52.6	ug/Kg	U
65-85-0	Benzoic acid	A1697-866	2960	2960	ug/Kg	U
100-51-6	Benzyl alcohol	A1697-866	28.1	28.1	ug/Kg	U
85-68-7	Butyl benzyl phthalate	A1697-866	45.0	45.0	ug/Kg	U
86-74-8	Carbazole	A1697-866	93.7	93.7	ug/Kg	U
218-01-9	Chrysene	A1697-866	54.3	54.3	ug/Kg	U
	Cresols	A1697-866	65.2	65.2	ug/Kg	U
84-74-2	Di-n-butyl phthalate	A1697-866	46.4	46.4	ug/Kg	U
117-84-0	Di-n-octyl phthalate	A1697-866	45.6	45.6	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	A1697-866	59.7	59.7	ug/Kg	U
132-64-9	Dibenzofuran	A1697-866	40.1	40.1	ug/Kg	U
84-66-2	Diethyl phthalate	A1697-866	33.0	33.0	ug/Kg	U
131-11-3	Dimethyl phthalate	A1697-866	33.1	33.1	ug/Kg	U
206-44-0	Fluoranthene	A1697-866	51.8	**66.7**	ug/Kg	J
86-73-7	Fluorene	A1697-866	30.3	30.3	ug/Kg	U
118-74-1	Hexachlorobenzene	A1697-866	45.8	45.8	ug/Kg	U
87-68-3	Hexachlorobutadiene	A1697-866	32.9	32.9	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	A1697-866	8.50	8.50	ug/Kg	U
67-72-1	Hexachloroethane	A1697-866	24.9	24.9	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	A1697-866	48.3	48.3	ug/Kg	U
78-59-1	Isophorone	A1697-866	28.6	28.6	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	A1697-866	24.1	24.1	ug/Kg	U
62-75-9	N-Nitrosodimethylamine	A1697-866	32.7	32.7	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	A1697-866	38.2	38.2	ug/Kg	U
91-20-3	Naphthalene	A1697-866	35.5	**52.2**	ug/Kg	J
98-95-3	Nitrobenzene	A1697-866	41.9	41.9	ug/Kg	U
87-86-5	Pentachlorophenol	A1697-866	609	609	ug/Kg	U
85-01-8	Phenanthrene	A1697-866	39.3	**145**	ug/Kg	J

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706160-2

Client Sample ID: TP5 (0-1.5)
Collected: 06/07/2007 07:29
Matrix: Soil
Type: Grab
% Solid: 87.5%
Remarks:
Analyzed Date: 06/18/2007
Preparation Date(s) : 06/15/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
108-95-2	Phenol	A1697-866	70.5	70.5	ug/Kg	U
129-00-0	Pyrene	A1697-866	44.3	**88.8**	ug/Kg	J
110-86-1	Pyridine	A1697-866	46.3	46.3	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	A1697-866	37.7	37.7	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	A1697-866	31.3	31.3	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	A1697-866	27.2	27.2	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	A1697-866	107	107	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	A1697-866	73.2 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	A1697-866	72.1 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	A1697-866	64.6 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	A1697-866	62.9 %	(23 - 120)	
13127-88-3	PHENOL-D6	A1697-866	73.4 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	A1697-866	69.5 %	(18 - 137)	

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706160-3

Client Sample ID: TP5 (1.5-3)
Collected: 06/07/2007 07:40
Matrix: Soil
Type: Grab
% Solid: 82.7%
Remarks:
Analyzed Date: 06/18/2007
Preparation Date(s) : 06/15/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	A1697-861	27.4	27.4	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	A1697-861	34.9	34.9	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	A1697-861	34.7	34.7	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	A1697-861	28.2	28.2	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	A1697-861	22.7	22.7	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	A1697-861	47.2	47.2	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	A1697-861	41.4	41.4	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	A1697-861	33.7	33.7	ug/Kg	U
120-83-2	2,4-Dichlorophenol	A1697-861	29.6	29.6	ug/Kg	U
105-67-9	2,4-Dimethylphenol	A1697-861	24.4	24.4	ug/Kg	U
51-28-5	2,4-Dinitrophenol	A1697-861	184	184	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	A1697-861	23.1	23.1	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	A1697-861	26.2	26.2	ug/Kg	U
91-58-7	2-Chloronaphthalene	A1697-861	32.2	32.2	ug/Kg	U
95-57-8	2-Chlorophenol	A1697-861	38.1	38.1	ug/Kg	U
91-57-6	2-Methylnaphthalene	A1697-861	34.9	**176**	ug/Kg	J
95-48-7	2-Methylphenol	A1697-861	31.0	31.0	ug/Kg	U
88-74-4	2-Nitroaniline	A1697-861	27.4	27.4	ug/Kg	U
88-75-5	2-Nitrophenol	A1697-861	26.5	26.5	ug/Kg	U
106-44-5	3+4-Methylphenol	A1697-861	38.0	38.0	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	A1697-861	60.5	60.5	ug/Kg	U
99-09-2	3-Nitroaniline	A1697-861	46.4	46.4	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	A1697-861	530	530	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	A1697-861	45.6	45.6	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	A1697-861	55.5	55.5	ug/Kg	U
106-47-8	4-Chloroaniline	A1697-861	34.6	34.6	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	A1697-861	30.5	30.5	ug/Kg	U
100-01-6	4-Nitroaniline	A1697-861	58.2	58.2	ug/Kg	U
100-02-7	4-Nitrophenol	A1697-861	60.2	60.2	ug/Kg	U
83-32-9	Acenaphthene	A1697-861	29.5	**227**	ug/Kg	J
208-96-8	Acenaphthylene	A1697-861	35.6	35.6	ug/Kg	U
62-53-3	Aniline	A1697-861	38.3	38.3	ug/Kg	U
120-12-7	Anthracene	A1697-861	41.7	41.7	ug/Kg	U

Environmental Testing Laboratories, Inc.
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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706160-3

Client Sample ID: TP5 (1.5-3)
Collected: 06/07/2007 07:40
Matrix: Soil
Type: Grab
% Solid: 82.7%
Remarks:
Analyzed Date: 06/18/2007
Preparation Date(s) : 06/15/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
92-87-5	Benzidine	A1697-861	1260	1260	ug/Kg	U
56-55-3	Benzo(a)anthracene	A1697-861	57.0	57.0	ug/Kg	U
50-32-8	Benzo(a)pyrene	A1697-861	48.1	48.1	ug/Kg	U
205-99-2	Benzo(b)fluoranthene	A1697-861	60.2	60.2	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	A1697-861	59.3	59.3	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	A1697-861	55.6	55.6	ug/Kg	U
65-85-0	Benzoic acid	A1697-861	3130	3130	ug/Kg	U
100-51-6	Benzyl alcohol	A1697-861	29.7	29.7	ug/Kg	U
85-68-7	Butyl benzyl phthalate	A1697-861	47.6	47.6	ug/Kg	U
86-74-8	Carbazole	A1697-861	99.2	99.2	ug/Kg	U
218-01-9	Chrysene	A1697-861	57.4	57.4	ug/Kg	U
	Cresols	A1697-861	69.0	69.0	ug/Kg	U
84-74-2	Di-n-butyl phthalate	A1697-861	49.1	49.1	ug/Kg	U
117-84-0	Di-n-octyl phthalate	A1697-861	48.2	48.2	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	A1697-861	63.1	63.1	ug/Kg	U
132-64-9	Dibenzofuran	A1697-861	42.4	42.4	ug/Kg	U
84-66-2	Diethyl phthalate	A1697-861	34.9	34.9	ug/Kg	U
131-11-3	Dimethyl phthalate	A1697-861	35.1	35.1	ug/Kg	U
206-44-0	Fluoranthene	A1697-861	54.8	54.8	ug/Kg	U
86-73-7	Fluorene	A1697-861	32.0	**480**	ug/Kg	J
118-74-1	Hexachlorobenzene	A1697-861	48.5	48.5	ug/Kg	U
87-68-3	Hexachlorobutadiene	A1697-861	34.8	34.8	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	A1697-861	9.00	9.00	ug/Kg	U
67-72-1	Hexachloroethane	A1697-861	26.4	26.4	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	A1697-861	51.1	51.1	ug/Kg	U
78-59-1	Isophorone	A1697-861	30.2	30.2	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	A1697-861	25.5	25.5	ug/Kg	U
62-75-9	N-Nitrosodimethylamine	A1697-861	34.6	34.6	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	A1697-861	40.4	40.4	ug/Kg	U
91-20-3	Naphthalene	A1697-861	37.6	37.6	ug/Kg	U
98-95-3	Nitrobenzene	A1697-861	44.4	44.4	ug/Kg	U
87-86-5	Pentachlorophenol	A1697-861	644	644	ug/Kg	U
85-01-8	Phenanthrene	A1697-861	41.6	**952**	ug/Kg	

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706160-3

Client Sample ID: TP5 (1.5-3)
Collected: 06/07/2007 07:40
Matrix: Soil
Type: Grab
% Solid: 82.7%
Remarks:
Analyzed Date: 06/18/2007
Preparation Date(s) : 06/15/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
108-95-2	Phenol	A1697-861	74.6	74.6	ug/Kg	U
129-00-0	Pyrene	A1697-861	46.9	46.9	ug/Kg	U
110-86-1	Pyridine	A1697-861	49.0	49.0	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	A1697-861	39.9	39.9	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	A1697-861	33.1	33.1	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	A1697-861	28.8	28.8	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	A1697-861	113	113	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	A1697-861	68.6 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	A1697-861	62.0 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	A1697-861	62.4 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	A1697-861	62.3 %	(23 - 120)	
13127-88-3	PHENOL-D6	A1697-861	69.7 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	A1697-861	60.7 %	(18 - 137)	

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706160-5

Client Sample ID: TP6 (0-2)
Collected: 06/07/2007 09:42
Matrix: Soil
Type: Grab
% Solid: 74.8%
Remarks:
Analyzed Date: 06/18/2007
Preparation Date(s) : 06/15/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	A1697-863	30.3	30.3	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	A1697-863	38.6	38.6	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	A1697-863	38.4	38.4	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	A1697-863	31.1	31.1	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	A1697-863	25.1	25.1	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	A1697-863	52.1	52.1	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	A1697-863	45.7	45.7	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	A1697-863	37.3	37.3	ug/Kg	U
120-83-2	2,4-Dichlorophenol	A1697-863	32.8	32.8	ug/Kg	U
105-67-9	2,4-Dimethylphenol	A1697-863	27.0	27.0	ug/Kg	U
51-28-5	2,4-Dinitrophenol	A1697-863	203	203	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	A1697-863	25.5	25.5	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	A1697-863	29.0	29.0	ug/Kg	U
91-58-7	2-Chloronaphthalene	A1697-863	35.6	35.6	ug/Kg	U
95-57-8	2-Chlorophenol	A1697-863	42.1	42.1	ug/Kg	U
91-57-6	2-Methylnaphthalene	A1697-863	38.6	38.6	ug/Kg	U
95-48-7	2-Methylphenol	A1697-863	34.2	34.2	ug/Kg	U
88-74-4	2-Nitroaniline	A1697-863	30.3	30.3	ug/Kg	U
88-75-5	2-Nitrophenol	A1697-863	29.3	29.3	ug/Kg	U
106-44-5	3+4-Methylphenol	A1697-863	42.0	42.0	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	A1697-863	66.8	66.8	ug/Kg	U
99-09-2	3-Nitroaniline	A1697-863	51.3	51.3	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	A1697-863	586	586	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	A1697-863	50.4	50.4	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	A1697-863	61.4	61.4	ug/Kg	U
106-47-8	4-Chloroaniline	A1697-863	38.2	38.2	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	A1697-863	33.7	33.7	ug/Kg	U
100-01-6	4-Nitroaniline	A1697-863	64.3	64.3	ug/Kg	U
100-02-7	4-Nitrophenol	A1697-863	66.6	66.6	ug/Kg	U
83-32-9	Acenaphthene	A1697-863	32.6	**238**	ug/Kg	J
208-96-8	Acenaphthylene	A1697-863	39.3	39.3	ug/Kg	U
62-53-3	Aniline	A1697-863	42.4	42.4	ug/Kg	U
120-12-7	Anthracene	A1697-863	46.1	46.1	ug/Kg	U

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706160-5

Client Sample ID: TP6 (0-2)
Collected: 06/07/2007 09:42
Matrix: Soil
Type: Grab
% Solid: 74.8%
Remarks:
Analyzed Date: 06/18/2007
Preparation Date(s) : 06/15/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
92-87-5	Benzidine	A1697-863	1390	1390	ug/Kg	U
56-55-3	Benzo(a)anthracene	A1697-863	63.0	63.0	ug/Kg	U
50-32-8	Benzo(a)pyrene	A1697-863	53.2	53.2	ug/Kg	U
205-99-2	Benzo(b)fluoranthene	A1697-863	66.6	66.6	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	A1697-863	65.5	65.5	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	A1697-863	61.5	61.5	ug/Kg	U
65-85-0	Benzoic acid	A1697-863	3460	3460	ug/Kg	U
100-51-6	Benzyl alcohol	A1697-863	32.9	32.9	ug/Kg	U
85-68-7	Butyl benzyl phthalate	A1697-863	52.7	52.7	ug/Kg	U
86-74-8	Carbazole	A1697-863	110	110	ug/Kg	U
218-01-9	Chrysene	A1697-863	63.5	63.5	ug/Kg	U
	Cresols	A1697-863	76.2	76.2	ug/Kg	U
84-74-2	Di-n-butyl phthalate	A1697-863	54.3	54.3	ug/Kg	U
117-84-0	Di-n-octyl phthalate	A1697-863	53.3	53.3	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	A1697-863	69.8	69.8	ug/Kg	U
132-64-9	Dibenzofuran	A1697-863	46.9	46.9	ug/Kg	U
84-66-2	Diethyl phthalate	A1697-863	38.6	38.6	ug/Kg	U
131-11-3	Dimethyl phthalate	A1697-863	38.8	38.8	ug/Kg	U
206-44-0	Fluoranthene	A1697-863	60.6	60.6	ug/Kg	U
86-73-7	Fluorene	A1697-863	35.4	**428**	ug/Kg	J
118-74-1	Hexachlorobenzene	A1697-863	53.6	53.6	ug/Kg	U
87-68-3	Hexachlorobutadiene	A1697-863	38.5	38.5	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	A1697-863	9.95	9.95	ug/Kg	U
67-72-1	Hexachloroethane	A1697-863	29.1	29.1	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	A1697-863	56.6	56.6	ug/Kg	U
78-59-1	Isophorone	A1697-863	33.4	33.4	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	A1697-863	28.2	28.2	ug/Kg	U
62-75-9	N-Nitrosodimethylamine	A1697-863	38.2	38.2	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	A1697-863	44.7	44.7	ug/Kg	U
91-20-3	Naphthalene	A1697-863	41.6	41.6	ug/Kg	U
98-95-3	Nitrobenzene	A1697-863	49.1	49.1	ug/Kg	U
87-86-5	Pentachlorophenol	A1697-863	713	713	ug/Kg	U
85-01-8	Phenanthrene	A1697-863	46.0	**808**	ug/Kg	

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706160-5

Client Sample ID: TP6 (0-2)
Collected: 06/07/2007 09:42
Matrix: Soil
Type: Grab
% Solid: 74.8%
Remarks:
Analyzed Date: 06/18/2007
Preparation Date(s) : 06/15/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
108-95-2	Phenol	A1697-863	82.5	82.5	ug/Kg	U
129-00-0	Pyrene	A1697-863	51.9	**57.4**	ug/Kg	J
110-86-1	Pyridine	A1697-863	54.1	54.1	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	A1697-863	44.1	44.1	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	A1697-863	36.6	36.6	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	A1697-863	31.8	31.8	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	A1697-863	125	125	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	A1697-863	65.8 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	A1697-863	59.9 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	A1697-863	55.0 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	A1697-863	56.2 %	(23 - 120)	
13127-88-3	PHENOL-D6	A1697-863	60.5 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	A1697-863	59.0 %	(18 - 137)	

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706160-6

Client Sample ID: TP6 (2-4)
Collected: 06/07/2007 09:47
Matrix: Soil
Type: Grab
% Solid: 84.3%
Remarks:
Analyzed Date: 06/18/2007
Preparation Date(s) : 06/15/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	A1697-860	26.9	26.9	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	A1697-860	34.3	34.3	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	A1697-860	34.0	34.0	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	A1697-860	27.6	27.6	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	A1697-860	22.3	22.3	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	A1697-860	46.3	46.3	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	A1697-860	40.6	40.6	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	A1697-860	33.1	33.1	ug/Kg	U
120-83-2	2,4-Dichlorophenol	A1697-860	29.1	29.1	ug/Kg	U
105-67-9	2,4-Dimethylphenol	A1697-860	24.0	24.0	ug/Kg	U
51-28-5	2,4-Dinitrophenol	A1697-860	180	180	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	A1697-860	22.7	22.7	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	A1697-860	25.7	25.7	ug/Kg	U
91-58-7	2-Chloronaphthalene	A1697-860	31.6	31.6	ug/Kg	U
95-57-8	2-Chlorophenol	A1697-860	37.4	**50.6**	ug/Kg	J
91-57-6	2-Methylnaphthalene	A1697-860	34.3	34.3	ug/Kg	U
95-48-7	2-Methylphenol	A1697-860	30.4	30.4	ug/Kg	U
88-74-4	2-Nitroaniline	A1697-860	26.9	26.9	ug/Kg	U
88-75-5	2-Nitrophenol	A1697-860	26.0	26.0	ug/Kg	U
106-44-5	3+4-Methylphenol	A1697-860	37.2	37.2	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	A1697-860	59.3	59.3	ug/Kg	U
99-09-2	3-Nitroaniline	A1697-860	45.6	45.6	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	A1697-860	520	520	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	A1697-860	44.7	44.7	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	A1697-860	54.4	54.4	ug/Kg	U
106-47-8	4-Chloroaniline	A1697-860	33.9	33.9	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	A1697-860	29.9	29.9	ug/Kg	U
100-01-6	4-Nitroaniline	A1697-860	57.1	57.1	ug/Kg	U
100-02-7	4-Nitrophenol	A1697-860	59.1	59.1	ug/Kg	U
83-32-9	Acenaphthene	A1697-860	28.9	**133**	ug/Kg	J
208-96-8	Acenaphthylene	A1697-860	34.9	34.9	ug/Kg	U
62-53-3	Aniline	A1697-860	37.6	37.6	ug/Kg	U
120-12-7	Anthracene	A1697-860	40.9	40.9	ug/Kg	U

Environmental Testing Laboratories, Inc.
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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706160-6

Client Sample ID: TP6 (2-4)
Collected: 06/07/2007 09:47
Matrix: Soil
Type: Grab
% Solid: 84.3%
Remarks:
Analyzed Date: 06/18/2007
Preparation Date(s) : 06/15/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
92-87-5	Benzidine	A1697-860	1230	1230	ug/Kg	U
56-55-3	Benzo(a)anthracene	A1697-860	55.9	55.9	ug/Kg	U
50-32-8	Benzo(a)pyrene	A1697-860	47.2	47.2	ug/Kg	U
205-99-2	Benzo(b)fluoranthene	A1697-860	59.1	59.1	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	A1697-860	58.1	58.1	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	A1697-860	54.6	54.6	ug/Kg	U
65-85-0	Benzoic acid	A1697-860	3070	3070	ug/Kg	U
100-51-6	Benzyl alcohol	A1697-860	29.2	29.2	ug/Kg	U
85-68-7	Butyl benzyl phthalate	A1697-860	46.7	46.7	ug/Kg	U
86-74-8	Carbazole	A1697-860	97.3	97.3	ug/Kg	U
218-01-9	Chrysene	A1697-860	56.3	56.3	ug/Kg	U
	Cresols	A1697-860	67.6	67.6	ug/Kg	U
84-74-2	Di-n-butyl phthalate	A1697-860	48.2	**49.3**	ug/Kg	J
117-84-0	Di-n-octyl phthalate	A1697-860	47.3	47.3	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	A1697-860	61.9	61.9	ug/Kg	U
132-64-9	Dibenzofuran	A1697-860	41.6	**104**	ug/Kg	J
84-66-2	Diethyl phthalate	A1697-860	34.3	34.3	ug/Kg	U
131-11-3	Dimethyl phthalate	A1697-860	34.4	34.4	ug/Kg	U
206-44-0	Fluoranthene	A1697-860	53.7	53.7	ug/Kg	U
86-73-7	Fluorene	A1697-860	31.4	**272**	ug/Kg	J
118-74-1	Hexachlorobenzene	A1697-860	47.6	47.6	ug/Kg	U
87-68-3	Hexachlorobutadiene	A1697-860	34.2	34.2	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	A1697-860	8.83	8.83	ug/Kg	U
67-72-1	Hexachloroethane	A1697-860	25.9	25.9	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	A1697-860	50.2	50.2	ug/Kg	U
78-59-1	Isophorone	A1697-860	29.7	29.7	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	A1697-860	25.0	25.0	ug/Kg	U
62-75-9	N-Nitrosodimethylamine	A1697-860	33.9	33.9	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	A1697-860	39.6	39.6	ug/Kg	U
91-20-3	Naphthalene	A1697-860	36.9	36.9	ug/Kg	U
98-95-3	Nitrobenzene	A1697-860	43.5	43.5	ug/Kg	U
87-86-5	Pentachlorophenol	A1697-860	632	632	ug/Kg	U
85-01-8	Phenanthrene	A1697-860	40.8	**581**	ug/Kg	J

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706160-6

Client Sample ID: TP6 (2-4)
Collected: 06/07/2007 09:47
Matrix: Soil
Type: Grab
% Solid: 84.3%
Remarks:
Analyzed Date: 06/18/2007
Preparation Date(s) : 06/15/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
108-95-2	Phenol	A1697-860	73.2	73.2	ug/Kg	U
129-00-0	Pyrene	A1697-860	46.0	**46.1**	ug/Kg	J
110-86-1	Pyridine	A1697-860	48.0	48.0	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	A1697-860	39.1	39.1	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	A1697-860	32.5	32.5	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	A1697-860	28.2	28.2	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	A1697-860	111	111	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	A1697-860	43.7 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	A1697-860	41.2 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	A1697-860	38.5 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	A1697-860	37.8 %	(23 - 120)	
13127-88-3	PHENOL-D6	A1697-860	44.5 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	A1697-860	39.6 %	(18 - 137)	

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706160-8

Client Sample ID: TP7 (0-2)
Collected: 06/07/2007 10:30
Matrix: Soil
Type: Grab
% Solid: 70.3%
Remarks: See Case Narrative
Analyzed Date: 06/19/2007
Preparation Date(s) : 06/15/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	A1698-870	646	646	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	A1698-870	822	822	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	A1698-870	817	817	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	A1698-870	663	663	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	A1698-870	535	535	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	A1698-870	1110	1110	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	A1698-870	973	973	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	A1698-870	794	794	ug/Kg	U
120-83-2	2,4-Dichlorophenol	A1698-870	697	697	ug/Kg	U
105-67-9	2,4-Dimethylphenol	A1698-870	575	575	ug/Kg	U
51-28-5	2,4-Dinitrophenol	A1698-870	4320	4320	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	A1698-870	543	543	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	A1698-870	617	617	ug/Kg	U
91-58-7	2-Chloronaphthalene	A1698-870	757	757	ug/Kg	U
95-57-8	2-Chlorophenol	A1698-870	896	896	ug/Kg	U
91-57-6	2-Methylnaphthalene	A1698-870	822	822	ug/Kg	U
95-48-7	2-Methylphenol	A1698-870	728	728	ug/Kg	U
88-74-4	2-Nitroaniline	A1698-870	646	646	ug/Kg	U
88-75-5	2-Nitrophenol	A1698-870	623	623	ug/Kg	U
106-44-5	3+4-Methylphenol	A1698-870	893	893	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	A1698-870	1420	1420	ug/Kg	U
99-09-2	3-Nitroaniline	A1698-870	1090	1090	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	A1698-870	12500	12500	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	A1698-870	1070	1070	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	A1698-870	1310	1310	ug/Kg	U
106-47-8	4-Chloroaniline	A1698-870	814	814	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	A1698-870	717	717	ug/Kg	U
100-01-6	4-Nitroaniline	A1698-870	1370	1370	ug/Kg	U
100-02-7	4-Nitrophenol	A1698-870	1420	1420	ug/Kg	U
83-32-9	Acenaphthene	A1698-870	694	694	ug/Kg	U
208-96-8	Acenaphthylene	A1698-870	836	836	ug/Kg	U
62-53-3	Aniline	A1698-870	902	902	ug/Kg	U
120-12-7	Anthracene	A1698-870	982	982	ug/Kg	U

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706160-8

Client Sample ID: TP7 (0-2)
Collected: 06/07/2007 10:30
Matrix: Soil
Type: Grab
% Solid: 70.3%
Remarks: See Case Narrative
Analyzed Date: 06/19/2007
Preparation Date(s) : 06/15/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
92-87-5	Benzidine	A1698-870	29600	29600	ug/Kg	U
56-55-3	Benzo(a)anthracene	A1698-870	1340	1340	ug/Kg	U
50-32-8	Benzo(a)pyrene	A1698-870	1130	1130	ug/Kg	U
205-99-2	Benzo(b)fluoranthene	A1698-870	1420	1420	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	A1698-870	1390	1390	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	A1698-870	1310	1310	ug/Kg	U
65-85-0	Benzoic acid	A1698-870	73700	73700	ug/Kg	U
100-51-6	Benzyl alcohol	A1698-870	700	700	ug/Kg	U
85-68-7	Butyl benzyl phthalate	A1698-870	1120	1120	ug/Kg	U
86-74-8	Carbazole	A1698-870	2330	2330	ug/Kg	U
218-01-9	Chrysene	A1698-870	1350	1350	ug/Kg	U
	Cresols	A1698-870	1620	1620	ug/Kg	U
84-74-2	Di-n-butyl phthalate	A1698-870	1160	1160	ug/Kg	U
117-84-0	Di-n-octyl phthalate	A1698-870	1140	1140	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	A1698-870	1490	1490	ug/Kg	U
132-64-9	Dibenzofuran	A1698-870	999	999	ug/Kg	U
84-66-2	Diethyl phthalate	A1698-870	822	822	ug/Kg	U
131-11-3	Dimethyl phthalate	A1698-870	825	825	ug/Kg	U
206-44-0	Fluoranthene	A1698-870	1290	1290	ug/Kg	U
86-73-7	Fluorene	A1698-870	754	754	ug/Kg	U
118-74-1	Hexachlorobenzene	A1698-870	1140	1140	ug/Kg	U
87-68-3	Hexachlorobutadiene	A1698-870	819	819	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	A1698-870	212	212	ug/Kg	U
67-72-1	Hexachloroethane	A1698-870	620	620	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	A1698-870	1200	1200	ug/Kg	U
78-59-1	Isophorone	A1698-870	711	711	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	A1698-870	600	600	ug/Kg	U
62-75-9	N-Nitrosodimethylamine	A1698-870	814	814	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	A1698-870	950	950	ug/Kg	U
91-20-3	Naphthalene	A1698-870	885	885	ug/Kg	U
98-95-3	Nitrobenzene	A1698-870	1040	1040	ug/Kg	U
87-86-5	Pentachlorophenol	A1698-870	15200	15200	ug/Kg	U
85-01-8	Phenanthrene	A1698-870	979	979	ug/Kg	U

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706160-8

Client Sample ID: TP7 (0-2)
Collected: 06/07/2007 10:30
Matrix: Soil
Type: Grab
% Solid: 70.3%
Remarks: See Case Narrative
Analyzed Date: 06/19/2007
Preparation Date(s) : 06/15/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
108-95-2	Phenol	A1698-870	1760	1760	ug/Kg	U
129-00-0	Pyrene	A1698-870	1100	**1430**	ug/Kg	J
110-86-1	Pyridine	A1698-870	1150	1150	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	A1698-870	939	939	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	A1698-870	780	780	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	A1698-870	677	677	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	A1698-870	2660	2660	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	A1698-870	53.7 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	A1698-870	71.5 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	A1698-870	52.0 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	A1698-870	70.7 %	(23 - 120)	
13127-88-3	PHENOL-D6	A1698-870	67.0 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	A1698-870	69.9 %	(18 - 137)	

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706160-9

Client Sample ID: TP7 (2-4)
Collected: 06/07/2007 10:35
Matrix: Soil
Type: Grab
% Solid: 83.4%
Remarks:
Analyzed Date: 06/19/2007
Preparation Date(s) : 06/15/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	A1698-871	544	544	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	A1698-871	693	693	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	A1698-871	688	688	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	A1698-871	559	559	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	A1698-871	451	451	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	A1698-871	935	935	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	A1698-871	820	820	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	A1698-871	669	669	ug/Kg	U
120-83-2	2,4-Dichlorophenol	A1698-871	588	588	ug/Kg	U
105-67-9	2,4-Dimethylphenol	A1698-871	484	484	ug/Kg	U
51-28-5	2,4-Dinitrophenol	A1698-871	3650	3650	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	A1698-871	458	458	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	A1698-871	520	520	ug/Kg	U
91-58-7	2-Chloronaphthalene	A1698-871	638	638	ug/Kg	U
95-57-8	2-Chlorophenol	A1698-871	755	755	ug/Kg	U
91-57-6	2-Methylnaphthalene	A1698-871	693	693	ug/Kg	U
95-48-7	2-Methylphenol	A1698-871	614	614	ug/Kg	U
88-74-4	2-Nitroaniline	A1698-871	544	544	ug/Kg	U
88-75-5	2-Nitrophenol	A1698-871	525	525	ug/Kg	U
106-44-5	3+4-Methylphenol	A1698-871	753	753	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	A1698-871	1200	1200	ug/Kg	U
99-09-2	3-Nitroaniline	A1698-871	921	921	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	A1698-871	10500	10500	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	A1698-871	904	904	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	A1698-871	1100	1100	ug/Kg	U
106-47-8	4-Chloroaniline	A1698-871	686	686	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	A1698-871	604	604	ug/Kg	U
100-01-6	4-Nitroaniline	A1698-871	1150	1150	ug/Kg	U
100-02-7	4-Nitrophenol	A1698-871	1190	1190	ug/Kg	U
83-32-9	Acenaphthene	A1698-871	585	**1090**	ug/Kg	J
208-96-8	Acenaphthylene	A1698-871	705	705	ug/Kg	U
62-53-3	Aniline	A1698-871	760	760	ug/Kg	U
120-12-7	Anthracene	A1698-871	827	827	ug/Kg	U

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706160-9

Client Sample ID: TP7 (2-4)
Collected: 06/07/2007 10:35
Matrix: Soil
Type: Grab
% Solid: 83.4%
Remarks:
Analyzed Date: 06/19/2007
Preparation Date(s) : 06/15/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
92-87-5	Benzidine	A1698-871	24900	24900	ug/Kg	U
56-55-3	Benzo(a)anthracene	A1698-871	1130	1130	ug/Kg	U
50-32-8	Benzo(a)pyrene	A1698-871	954	954	ug/Kg	U
205-99-2	Benzo(b)fluoranthene	A1698-871	1190	1190	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	A1698-871	1180	1180	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	A1698-871	1100	1100	ug/Kg	U
65-85-0	Benzoic acid	A1698-871	62100	62100	ug/Kg	U
100-51-6	Benzyl alcohol	A1698-871	590	590	ug/Kg	U
85-68-7	Butyl benzyl phthalate	A1698-871	945	945	ug/Kg	U
86-74-8	Carbazole	A1698-871	1970	1970	ug/Kg	U
218-01-9	Chrysene	A1698-871	1140	1140	ug/Kg	U
	Cresols	A1698-871	1370	1370	ug/Kg	U
84-74-2	Di-n-butyl phthalate	A1698-871	974	974	ug/Kg	U
117-84-0	Di-n-octyl phthalate	A1698-871	957	957	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	A1698-871	1250	1250	ug/Kg	U
132-64-9	Dibenzofuran	A1698-871	842	842	ug/Kg	U
84-66-2	Diethyl phthalate	A1698-871	693	693	ug/Kg	U
131-11-3	Dimethyl phthalate	A1698-871	695	695	ug/Kg	U
206-44-0	Fluoranthene	A1698-871	1090	1090	ug/Kg	U
86-73-7	Fluorene	A1698-871	635	635	ug/Kg	U
118-74-1	Hexachlorobenzene	A1698-871	962	962	ug/Kg	U
87-68-3	Hexachlorobutadiene	A1698-871	691	691	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	A1698-871	178	178	ug/Kg	U
67-72-1	Hexachloroethane	A1698-871	523	523	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	A1698-871	1010	1010	ug/Kg	U
78-59-1	Isophorone	A1698-871	600	600	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	A1698-871	506	506	ug/Kg	U
62-75-9	N-Nitrosodimethylamine	A1698-871	686	686	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	A1698-871	801	801	ug/Kg	U
91-20-3	Naphthalene	A1698-871	746	746	ug/Kg	U
98-95-3	Nitrobenzene	A1698-871	880	880	ug/Kg	U
87-86-5	Pentachlorophenol	A1698-871	12800	12800	ug/Kg	U
85-01-8	Phenanthrene	A1698-871	825	825	ug/Kg	U

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706160-9

Client Sample ID: TP7 (2-4)
Collected: 06/07/2007 10:35
Matrix: Soil
Type: Grab
% Solid: 83.4%
Remarks:
Analyzed Date: 06/19/2007
Preparation Date(s) : 06/15/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
108-95-2	Phenol	A1698-871	1480	1480	ug/Kg	U
129-00-0	Pyrene	A1698-871	930	**1110**	ug/Kg	J
110-86-1	Pyridine	A1698-871	971	971	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	A1698-871	791	791	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	A1698-871	657	657	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	A1698-871	571	571	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	A1698-871	2240	2240	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	A1698-871	53.4 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	A1698-871	67.4 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	A1698-871	46.2 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	A1698-871	63.8 %	(23 - 120)	
13127-88-3	PHENOL-D6	A1698-871	58.1 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	A1698-871	65.7 %	(18 - 137)	

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706160-11

Client Sample ID: TP8 (0-2)
Collected: 06/07/2007 14:45
Matrix: Soil
Type: Grab
% Solid: 75.1%
Remarks:
Analyzed Date: 06/18/2007
Preparation Date(s) : 06/15/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	A1697-862	30.2	30.2	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	A1697-862	38.5	38.5	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	A1697-862	38.2	38.2	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	A1697-862	31.0	31.0	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	A1697-862	25.0	25.0	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	A1697-862	51.9	51.9	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	A1697-862	45.5	45.5	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	A1697-862	37.2	37.2	ug/Kg	U
120-83-2	2,4-Dichlorophenol	A1697-862	32.6	32.6	ug/Kg	U
105-67-9	2,4-Dimethylphenol	A1697-862	26.9	26.9	ug/Kg	U
51-28-5	2,4-Dinitrophenol	A1697-862	202	202	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	A1697-862	25.4	25.4	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	A1697-862	28.9	28.9	ug/Kg	U
91-58-7	2-Chloronaphthalene	A1697-862	35.4	35.4	ug/Kg	U
95-57-8	2-Chlorophenol	A1697-862	41.9	41.9	ug/Kg	U
91-57-6	2-Methylnaphthalene	A1697-862	38.5	38.5	ug/Kg	U
95-48-7	2-Methylphenol	A1697-862	34.1	34.1	ug/Kg	U
88-74-4	2-Nitroaniline	A1697-862	30.2	30.2	ug/Kg	U
88-75-5	2-Nitrophenol	A1697-862	29.2	29.2	ug/Kg	U
106-44-5	3+4-Methylphenol	A1697-862	41.8	41.8	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	A1697-862	66.6	66.6	ug/Kg	U
99-09-2	3-Nitroaniline	A1697-862	51.1	51.1	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	A1697-862	583	583	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	A1697-862	50.2	50.2	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	A1697-862	61.1	61.1	ug/Kg	U
106-47-8	4-Chloroaniline	A1697-862	38.1	38.1	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	A1697-862	33.6	33.6	ug/Kg	U
100-01-6	4-Nitroaniline	A1697-862	64.0	64.0	ug/Kg	U
100-02-7	4-Nitrophenol	A1697-862	66.3	66.3	ug/Kg	U
83-32-9	Acenaphthene	A1697-862	32.5	32.5	ug/Kg	U
208-96-8	Acenaphthylene	A1697-862	39.1	39.1	ug/Kg	U
62-53-3	Aniline	A1697-862	42.2	42.2	ug/Kg	U
120-12-7	Anthracene	A1697-862	45.9	45.9	ug/Kg	U

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706160-11

Client Sample ID: TP8 (0-2)
Collected: 06/07/2007 14:45
Matrix: Soil
Type: Grab
% Solid: 75.1%
Remarks:
Analyzed Date: 06/18/2007
Preparation Date(s) : 06/15/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
92-87-5	Benzidine	A1697-862	1380	1380	ug/Kg	U
56-55-3	Benzo(a)anthracene	A1697-862	62.7	62.7	ug/Kg	U
50-32-8	Benzo(a)pyrene	A1697-862	53.0	53.0	ug/Kg	U
205-99-2	Benzo(b)fluoranthene	A1697-862	66.3	66.3	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	A1697-862	65.2	65.2	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	A1697-862	61.3	61.3	ug/Kg	U
65-85-0	Benzoic acid	A1697-862	3450	3450	ug/Kg	U
100-51-6	Benzyl alcohol	A1697-862	32.8	32.8	ug/Kg	U
85-68-7	Butyl benzyl phthalate	A1697-862	52.5	52.5	ug/Kg	U
86-74-8	Carbazole	A1697-862	109	109	ug/Kg	U
218-01-9	Chrysene	A1697-862	63.2	63.2	ug/Kg	U
	Cresols	A1697-862	75.9	75.9	ug/Kg	U
84-74-2	Di-n-butyl phthalate	A1697-862	54.1	**230**	ug/Kg	J
117-84-0	Di-n-octyl phthalate	A1697-862	53.1	53.1	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	A1697-862	69.5	69.5	ug/Kg	U
132-64-9	Dibenzofuran	A1697-862	46.7	46.7	ug/Kg	U
84-66-2	Diethyl phthalate	A1697-862	38.5	38.5	ug/Kg	U
131-11-3	Dimethyl phthalate	A1697-862	38.6	38.6	ug/Kg	U
206-44-0	Fluoranthene	A1697-862	60.3	60.3	ug/Kg	U
86-73-7	Fluorene	A1697-862	35.3	35.3	ug/Kg	U
118-74-1	Hexachlorobenzene	A1697-862	53.4	53.4	ug/Kg	U
87-68-3	Hexachlorobutadiene	A1697-862	38.3	38.3	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	A1697-862	9.91	9.91	ug/Kg	U
67-72-1	Hexachloroethane	A1697-862	29.0	29.0	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	A1697-862	56.3	56.3	ug/Kg	U
78-59-1	Isophorone	A1697-862	33.3	33.3	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	A1697-862	28.1	28.1	ug/Kg	U
62-75-9	N-Nitrosodimethylamine	A1697-862	38.1	38.1	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	A1697-862	44.5	44.5	ug/Kg	U
91-20-3	Naphthalene	A1697-862	41.4	41.4	ug/Kg	U
98-95-3	Nitrobenzene	A1697-862	48.9	48.9	ug/Kg	U
87-86-5	Pentachlorophenol	A1697-862	710	710	ug/Kg	U
85-01-8	Phenanthrene	A1697-862	45.8	45.8	ug/Kg	U

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706160-11

Client Sample ID: TP8 (0-2)
Collected: 06/07/2007 14:45
Matrix: Soil
Type: Grab
% Solid: 75.1%
Remarks:
Analyzed Date: 06/18/2007
Preparation Date(s) : 06/15/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
108-95-2	Phenol	A1697-862	82.2	82.2	ug/Kg	U
129-00-0	Pyrene	A1697-862	51.7	51.7	ug/Kg	U
110-86-1	Pyridine	A1697-862	53.9	53.9	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	A1697-862	43.9	43.9	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	A1697-862	36.5	36.5	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	A1697-862	31.7	31.7	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	A1697-862	125	**221**	ug/Kg	J

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	A1697-862	80.5 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	A1697-862	78.5 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	A1697-862	70.2 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	A1697-862	67.5 %	(23 - 120)	
13127-88-3	PHENOL-D6	A1697-862	78.1 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	A1697-862	73.6 %	(18 - 137)	

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05/22/2008

TPH - Method 8015B

Sample: 0706160-2

Client Sample ID: TP5 (0-1.5)
Matrix: Soil
Remarks:
Analyzed Date: 06/16/2007
Preparation Date(s) : 06/15/2007

Type: Grab

Collected: 06/07/2007 07:29
% Solid: 87.5%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Diesel Range Organics	H593-56	13.7	**1010**	mg/Kg	

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	H593-56	46.8 %	(30 - 150)	

Sample: 0706160-3

Client Sample ID: TP5 (1.5-3)
Matrix: Soil
Remarks:
Analyzed Date: 06/16/2007
Preparation Date(s) : 06/15/2007

Type: Grab

Collected: 06/07/2007 07:40
% Solid: 82.7%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Diesel Range Organics	H593-57	14.5	**686**	mg/Kg	

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	H593-57	50.1 %	(30 - 150)	

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05/22/2008

TPH - Method 8015B

Sample: 0706160-5

Client Sample ID: TP6 (0-2)
Matrix: Soil
Remarks:
Analyzed Date: 06/16/2007
Preparation Date(s) : 06/15/2007

Type: Grab

Collected: 06/07/2007 09:42
% Solid: 74.8%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Diesel Range Organics	H593-58	16.0	**1990**	mg/Kg	

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	H593-58	42.3 %	(30 - 150)	

Sample: 0706160-6

Client Sample ID: TP6 (2-4)
Matrix: Soil
Remarks:
Analyzed Date: 06/16/2007
Preparation Date(s) : 06/15/2007

Type: Grab

Collected: 06/07/2007 09:47
% Solid: 84.3%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Diesel Range Organics	H593-61	14.2	**240**	mg/Kg	

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	H593-61	44.5 %	(30 - 150)	

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05/22/2008

TPH - Method 8015B

Sample: 0706160-8

Client Sample ID: TP7 (0-2)
Matrix: Soil
Remarks:
Analyzed Date: 06/16/2007
Preparation Date(s) : 06/15/2007

Type: Grab

Collected: 06/07/2007 10:30
% Solid: 70.3%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Diesel Range Organics	H593-62	17.1	**8470**	mg/Kg	

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	H593-62	65.5 %	(30 - 150)	

Sample: 0706160-9

Client Sample ID: TP7 (2-4)
Matrix: Soil
Remarks:
Analyzed Date: 06/16/2007
Preparation Date(s) : 06/15/2007

Type: Grab

Collected: 06/07/2007 10:35
% Solid: 83.4%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Diesel Range Organics	H593-63	14.4	**4060**	mg/Kg	

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	H593-63	57.8 %	(30 - 150)	

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05/22/2008

TPH - Method 8015B

Sample: 0706160-11

Client Sample ID: TP8 (0-2)
Matrix: Soil
Type: Grab
Remarks:
Analyzed Date: 06/16/2007
Preparation Date(s) : 06/15/2007

Collected: 06/07/2007 14:45
% Solid: 75.1%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Diesel Range Organics	H593-64	16.0	**300**	mg/Kg	

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	H593-64	43.9 %	(30 - 150)	

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05/22/2008

Gasoline Range Organics - EPA 8015B

Sample: 0706160-2
Client Sample ID: TP5 (0-1.5)
Matrix: Soil
Remarks:
Analyzed Date: 06/13/2007

Type: Grab

Collected: 06/07/2007 07:29
% Solid: 87.5%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Gasoline Range Organics	M273-51	1.00	**30.6**	mg/Kg	

* Results are reported on a dry weight basis

Sample: 0706160-3
Client Sample ID: TP5 (1.5-3)
Matrix: Soil
Remarks:
Analyzed Date: 06/13/2007

Type: Grab

Collected: 06/07/2007 07:40
% Solid: 82.7%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Gasoline Range Organics	M273-52	0.53	**79.4**	mg/Kg	

* Results are reported on a dry weight basis

Sample: 0706160-5
Client Sample ID: TP6 (0-2)
Matrix: Soil
Remarks:
Analyzed Date: 06/13/2007

Type: Grab

Collected: 06/07/2007 09:42
% Solid: 74.8%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Gasoline Range Organics	M273-53	1.16	**65.3**	mg/Kg	

* Results are reported on a dry weight basis

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05/22/2008

Gasoline Range Organics - EPA 8015B

Sample: 0706160-6
Client Sample ID: TP6 (2-4)
Matrix: Soil
Remarks:
Analyzed Date: 06/13/2007

Type: Grab

Collected: 06/07/2007 09:47
% Solid: 84.3%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Gasoline Range Organics	M273-54	0.52	**58.6**	mg/Kg	

* Results are reported on a dry weight basis

Sample: 0706160-8
Client Sample ID: TP7 (0-2)
Matrix: Soil
Remarks:
Analyzed Date: 06/13/2007

Type: Grab

Collected: 06/07/2007 10:30
% Solid: 70.3%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Gasoline Range Organics	M273-55	6.20	**419**	mg/Kg	

* Results are reported on a dry weight basis

Sample: 0706160-9
Client Sample ID: TP7 (2-4)
Matrix: Soil
Remarks:
Analyzed Date: 06/13/2007

Type: Grab

Collected: 06/07/2007 10:35
% Solid: 83.4%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Gasoline Range Organics	M273-56	2.09	**367**	mg/Kg	

* Results are reported on a dry weight basis

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05/22/2008

Gasoline Range Organics - EPA 8015B

Sample: 0706160-11

Client Sample ID: TP8 (0-2)
Matrix: Soil
Remarks:
Analyzed Date: 06/13/2007

Type: Grab

Collected: 06/07/2007 14:45
% Solid: 75.1%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Gasoline Range Organics	M273-57	0.58	**16.2**	mg/Kg	

* Results are reported on a dry weight basis

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05/22/2008

Case Narrative

EPA 8260 VOLATILE ANALYSIS:

The following compounds were calibrated at 25, 50, 100,
150 and 200 ppb levels in the initial calibration curve:
- Acetone
- 2-Butanone
- 4-Methyl-2-pentanone
- 2-Hexanone

M&P-Xylenes and 2-Chloroethylvinylether were calibrated at 10, 40, 100, 200 and 300 ppb levels.
Acrolein/Acrylonitrile were calibrated at 50,100,150,200 and 250 ppb levels.
Tert Butyl Alcohol (TBA) was calibrated at 50,200,500,1000 and 1500 ppb levels.

All other compounds were calibrated at 5, 20, 50, 100 and 150 ppb levels.

Samples 0706160-3,5 and 6 were analyzed at a medium level soil dilution of 1:125. Re-analysis at a low level soil dilution was not possible without heavy system and detector contamination due to high levels of non-target compounds present in the samples (mainly hydrocarbons).

EPA 8270 Semi-Volatiles

Samples 8 and 9- These samples were analyzed at a 20X dilution due to high concentrations of non-target hydrocarbon interference.

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05/22/2008

Case Narrative

GASOLINE RANGE ORGANICS

GC-SV

INTRODUCTION
Samples were analyzed in accordance with protocols based on SW846 Methodologies.

The sample information is as follows:

COC#: 0706160

HOLDING TIMES

Analytical holding time for this analysis was met.

CALIBRATION

Initial calibration was performed in accordance with the Method.

A six point calibration curve was performed, utilizing the following concentrations: 25, 100, 500, 2000, 4000, and 8000 ppb.

Results were quantitated using linear regression initial calibration.

CALIBRATION VERIFICATIONS

The calibration verification check standards were performed in accordance with the Method.

A GRO check standard was analyzed: at the beginning and at the end of each anaytical sequence at a concentration of 2000 ppb.

BLANKS

The Method Blanks associated with these samples did not contain any target compounds.

The Instrument Blanks associated with these samples did not contain any target compounds.

MATRIX SPIKES

Sample 0706160-3 was utilized for the Matrix Spike and Matrix Spike Duplicate analyses. All spike recoveries and all %RPDs were within QC limits.

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05/22/2008

Case Narrative

VOLATILES ANALYSIS
GCMS-V

INTRODUCTION

Samples were analyzed in accordance with protocols based on SW846 Methodologies, using accepted QA/QC procedures.
All required QA/QC parameters met acceptable limits unless otherwise noted.

HOLDING TIME INFORMATION

All analyses were performed within required holding times.

SAMPLE INFORMATION

Samples 0706160-3,5 and 6 were analyzed at a medium level soil dilution of 1:125. Re-analysis at a low level soil dilution was not possible without heavy system and detector contamination due to high levels of non-target compounds present in the samples (mainly hydrocarbons).

SURROGATE RECOVERY INFORMATION

All surrogate recoveries met QC criteria.

MATRIX SPIKE BLANK

The spike recoveries for the matrix spike blank were within QC limits.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE

Matrix spikes were not designated to be performed on any of the samples in this report package.
Batch QC was utilized.

METHOD BLANK

The method blank associated with these samples did not contain any target compounds at or above QC limits.

TUNE PERFORMANCE

All Tune (BFB) specifications met QC criteria.

CALIBRATION INFORMATION

Initial Calibration: All required minimum RRFs and maximum % RSD requirements have been met in accordance with the Method.
The following compounds were calibrated at 25, 50, 100,
150 and 200 ppb levels in the initial calibration curve:
Acetone

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05/22/2008

Case Narrative

4-Methyl-2-pentanone
2-Hexanone

M&P-Xylenes and 2-Chloroethylvinylether were calibrated at 10, 40, 100, 200 and 300 ppb levels.
Acrolein/Acrylonitrile were calibrated at 50,100,150,200 and 250 ppb levels.
Tert Butyl Alcohol (TBA) was calibrated at 50,200,500,1000 and 1500 ppb levels.

All other compounds were calibrated at 5, 20, 50, 100 and 150 ppb levels.

Continuing Calibration: All required minimum RRFs and maximum %D requirements have been met in accordance with the Method.

Samples were quantitated using the initial calibration average response factor.

INTERNAL STANDARDS

All area responses and retention times fell within acceptable ranges.

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05/22/2008

Case Narrative

SEMIVOLATILES ANALYSIS
GCMS-SV

INTRODUCTION

Samples were analyzed in accordance with protocols based on SW846 Methodologies, using accepted QA/QC procedures.
All required QA/QC parameters met acceptable limits unless otherwise noted.

HOLDING TIME INFORMATION

All analyses were performed within required holding times.

SAMPLE INFORMATION

Samples 8 and 9- These samples were analyzed at a 20X dilution due to high concentrations of non-target hydrocarbon interference.

SURROGATE RECOVERY INFORMATION

All surrogate recoveries met QC criteria.

MATRIX SPIKE BLANK

The spike recoveries for the matrix spike blank were within QC limits.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE

Sample 0706160-5 was utilized for the MS/MSD analyses. Spike recovery for
Di-n-propylnitrosamine did not meet
QC limits. All RPDs did not meet QC limits.

METHOD BLANK

The method blank associated with these samples did not contain target compounds at or above the QC limits.

TUNE PERFORMANCE

All Tune (DFTPP) specifications met QC criteria.

CALIBRATION INFORMATION

Initial Calibration: All required minimum RRFs and maximum % RSD requirements have been met in accordance with the Method.

Results were quantitated using initial calibration average of response factors.

Calibration: All required minimum RRFs and maximum %D requirements have been met

Case Narrative

in accordance with the Method.

INTERNAL STANDARDS

All area responses and retention times fell within acceptable ranges.

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05/22/2008

Case Narrative

Method 8100 Modified

GC-SV

INTRODUCTION
Samples were analyzed in accordance with protocols based on SW846 Methodologies.

The sample information is as follows:

COC#: 0706160

HOLDING TIMES

The extraction and analytical holding times for this analysis were met.
Samples were extracted using 3545 Method (pressurized liquid extraction).

SURROGATE RECOVERY INFORMATION

All surrogate recoveries met QC criteria.

CALIBRATION

Initial calibration was performed in accordance with the Method.

A six point calibration curve was performed, utilizing the following concentrations: 100, 1000, 5000, 10000, 50000, and 100000 ppm.
Fuel # 2 was used as a calibration standard.

Results were quantitated using linear regression initial calibration.

CALIBRATION VERIFICATIONS

The calibration verification check standards were performed in accordance with the Method.

A DRO check standard was analyzed: at the beginning and at the end of each anaytical sequence at a concentration of 10000 ppm.

BLANKS

The Method Blanks associated with these samples did not contain any target compounds.

The Instrument Blanks associated with these samples did not contain any target compounds.

MATRIX SPIKE BLANKS

A Matrix Spike Blank was extracted and analyzed with the samples. All spike recoveries for the MSB met QC criteria.

MATRIX SPIKES

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05/22/2008

Case Narrative

Matrix spikes were not designated to be performed on any of the samples in this report package.

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05/22/2008

ORGANIC METHOD QUALIFIERS

Q - Qualifier - specified entries and their meanings are as follows:

U - The analytical result is not detected above the Method Detection Limit (MDL). All MDL's are lower than the lowest calibration standard concentration.

J - Indicates an estimated value. The concentration reported was between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL).

B - The analyte was found in the associated method blank as well as the sample. It indicates possible/probable blank contamination and warns the data user to take appropriate action.

E - The concentration of the analyte exceeded the calibration range of the instrument.

D - This flag indicates a system monitoring compound diluted out.

INORGANIC METHOD QUALIFIERS

C - (Concentration) qualifiers are as follows:

B - Entered if the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL) but greater than or equal to the Instrument Detection Limit (IDL).

U - Entered when the analyte was analyzed for, but not detected above the Method Detection Limit (MDL) which is less than the lowest calibration standard concentration.

Q - Qualifier specific entries and their meanings are as follows:

E - Reported value is estimated because of the presence of interferences.

M - (Method) qualifiers are as follows:

A - Flame AA
AS - Semi-automated Spectrophotometric
AV - Automated Cold Vapor AA
C - Manual Spectrophotometric
F - Furnace AA
P - ICP
T - Titrimetric

OTHER QUALIFIERS

ND - Not Detected

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208 Route 109, Farmingdale NY 11735
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05/22/2008

Laboratory Identifier: 0706159
Received: 06/07/2007 17:22

Client: Blue Water
1610 New Highway
Farmingdale,
NY 11735

Project: Island Park Pilot Study
7 Washington Ave
Island Park,
NY 11558

Manager: Kim Simone/Ellis Kotch

Respectfully submitted,

Patricia Werner-Els

Laboratory Manager

NYS Lab ID # 10969
NJ Cert. # 73812
CT Cert. # PH0645
MA Cert. # NY061
NH Cert. # 252592-BA

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706159-1

Client Sample ID: TP1 (0-2)
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 06/12/2007

Type: Grab

Collected: 06/07/2007 08:30
% Solid: 89.1%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
67-64-1	Acetone	B2374-9750	5.67	**60.5**	ug/Kg	
56-23-5	Carbon Tetrachloride	B2374-9750	0.64	0.64	ug/Kg	U
67-66-3	Chloroform	B2374-9750	0.53	0.53	ug/Kg	U
71-43-2	Benzene	B2374-9750	0.56	**1.18**	ug/Kg	J
71-55-6	1,1,1-Trichloroethane	B2374-9750	0.56	0.56	ug/Kg	U
74-83-9	Bromomethane	B2374-9750	0.58	0.58	ug/Kg	U
74-87-3	Chloromethane	B2374-9750	0.44	0.44	ug/Kg	U
74-95-3	Dibromomethane	B2374-9750	0.56	0.56	ug/Kg	U
74-97-5	Bromochloromethane	B2374-9750	1.12	1.12	ug/Kg	U
75-00-3	Chloroethane	B2374-9750	1.42	1.42	ug/Kg	U
75-01-4	Vinyl Chloride	B2374-9750	0.66	0.66	ug/Kg	U
75-09-2	Methylene Chloride	B2374-9750	0.95	**4.32**	ug/Kg	J
75-15-0	Carbon disulfide	B2374-9750	1.40	1.40	ug/Kg	U
75-25-2	Bromoform	B2374-9750	1.27	1.27	ug/Kg	U
75-27-4	Bromodichloromethane	B2374-9750	0.48	0.48	ug/Kg	U
75-34-3	1,1-Dichloroethane	B2374-9750	0.49	0.49	ug/Kg	U
75-35-4	1,1-Dichloroethene	B2374-9750	0.77	0.77	ug/Kg	U
75-45-6	Chlorodifluoromethane	B2374-9750	0.73	0.73	ug/Kg	U
75-65-0	Tertiary butyl alcohol	B2374-9750	19.5	19.5	ug/Kg	U
75-69-4	Trichlorofluoromethane	B2374-9750	0.72	0.72	ug/Kg	U
75-71-8	Dichlorodifluoromethane	B2374-9750	0.59	0.59	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	B2374-9750	0.83	0.83	ug/Kg	U
78-87-5	1,2-Dichloropropane	B2374-9750	0.43	0.43	ug/Kg	U
78-93-3	2-Butanone	B2374-9750	3.54	3.54	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	B2374-9750	0.99	0.99	ug/Kg	U
79-01-6	Trichloroethene	B2374-9750	0.40	0.40	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	B2374-9750	1.60	1.60	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	B2374-9750	1.15	1.15	ug/Kg	U
87-68-3	Hexachlorobutadiene	B2374-9750	1.11	1.11	ug/Kg	U
91-20-3	Naphthalene	B2377-9813	6.84	**42.0**	ug/Kg	
95-47-6	o-xylene	B2374-9750	0.84	0.84	ug/Kg	U
95-49-8	2-Chlorotoluene	B2374-9750	1.00	1.00	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	B2374-9750	1.32	1.32	ug/Kg	U

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706159-1

Client Sample ID: TP1 (0-2)
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 06/12/2007

Type: Grab

Collected: 06/07/2007 08:30
% Solid: 89.1%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
95-63-6	1,2,4-Trimethylbenzene	B2374-9750	1.05	**4.27**	ug/Kg	J
95-93-2	1,2,4,5-Tetramethylbenzene	B2377-9813	6.11	**1370**	ug/Kg	E
96-12-8	1,2-Dibromo-3-chloropropane	B2374-9750	2.56	2.56	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	B2374-9750	2.25	2.25	ug/Kg	U
98-06-6	tert-Butylbenzene	B2374-9750	1.08	1.08	ug/Kg	U
98-82-8	Isopropylbenzene	B2374-9750	0.71	**4.59**	ug/Kg	J
99-87-6	4-Isopropyltoluene	B2374-9750	0.88	**11.3**	ug/Kg	
100-41-4	Ethylbenzene	B2374-9750	0.48	0.48	ug/Kg	U
100-42-5	Styrene	B2374-9750	0.83	0.83	ug/Kg	U
103-65-1	n-Propylbenzene	B2374-9750	0.81	**6.63**	ug/Kg	
104-51-8	n-Butylbenzene	B2374-9750	1.00	**26.8**	ug/Kg	
105-05-5	p-Diethylbenzene	B2374-9750	1.11	**53.6**	ug/Kg	
106-43-4	4-Chlorotoluene	B2374-9750	1.10	1.10	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	B2374-9750	1.15	1.15	ug/Kg	U
106-93-4	1,2-Dibromoethane	B2374-9750	0.83	0.83	ug/Kg	U
107-06-2	1,2-Dichloroethane	B2374-9750	0.64	0.64	ug/Kg	U
107-13-1	Acrylonitrile	B2374-9750	6.87	6.87	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	B2374-9750	2.17	2.17	ug/Kg	U
108-38-3	m,p-xylene	B2374-9750	1.12	1.12	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	B2374-9750	0.92	0.92	ug/Kg	U
108-86-1	Bromobenzene	B2374-9750	0.91	0.91	ug/Kg	U
108-88-3	Toluene	B2374-9750	0.43	0.43	ug/Kg	U
108-90-7	Chlorobenzene	B2374-9750	0.57	0.57	ug/Kg	U
110-75-8	2-Chloroethylvinylether	B2374-9750	3.80	3.80	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	B2374-9750	1.12	1.12	ug/Kg	U
124-48-1	Dibromochloromethane	B2374-9750	0.81	0.81	ug/Kg	U
127-18-4	Tetrachloroethene	B2374-9750	0.65	0.65	ug/Kg	U
135-98-8	sec-Butylbenzene	B2374-9750	0.93	**17.1**	ug/Kg	
142-28-9	1,3-Dichloropropane	B2374-9750	0.60	0.60	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	B2374-9750	0.60	0.60	ug/Kg	U
156-60-5	t-1,2-Dichloroethene	B2374-9750	0.47	0.47	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	B2374-9750	1.11	1.11	ug/Kg	U
563-58-6	1,1-Dichloropropene	B2374-9750	1.18	1.18	ug/Kg	U

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706159-1

Client Sample ID: TP1 (0-2)
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 06/12/2007

Type: Grab

Collected: 06/07/2007 08:30
% Solid: 89.1%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
590-20-7	2,2-Dichloropropane	B2374-9750	0.86	0.86	ug/Kg	U
591-78-6	2-Hexanone	B2374-9750	1.95	1.95	ug/Kg	U
622-96-8	p-Ethyltoluene	B2374-9750	1.03	**2.73**	ug/Kg	J
630-20-6	1,1,1,2-Tetrachloroethane	B2374-9750	0.88	0.88	ug/Kg	U
994-05-8	TAME	B2374-9750	2.35	2.35	ug/Kg	U
1634-04-4	Methyl t-butyl ether	B2374-9750	0.56	0.56	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	B2374-9750	0.55	0.55	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	B2374-9750	0.55	0.55	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	B2374-9750	103.0 %	(68 - 120)	
460-00-4	4-BROMOFLUOROBENZENE	B2374-9750	93.7 %	(80 - 110)	
4774-33-8	DIBROMOFLUOROMETHANE	B2374-9750	106.0 %	(68 - 156)	
2037-26-5	TOLUENE-D8	B2374-9750	94.9 %	(87 - 113)	
17060-07-0	1,2-DICHLOROETHANE-D4	B2377-9813	98.8 %	(68 - 120)	
460-00-4	4-BROMOFLUOROBENZENE	B2377-9813	92.2 %	(80 - 110)	
4774-33-8	DIBROMOFLUOROMETHANE	B2377-9813	101.0 %	(68 - 156)	
2037-26-5	TOLUENE-D8	B2377-9813	90.1 %	(87 - 113)	

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706159-2

Client Sample ID: TP1 (2-4)
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 06/14/2007

Type: Grab

Collected: 06/07/2007 08:40
% Solid: 88.4%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
67-64-1	Acetone	C2619-4294	333	333	ug/Kg	U
56-23-5	Carbon Tetrachloride	C2619-4294	95.9	95.9	ug/Kg	U
67-66-3	Chloroform	C2619-4294	107	107	ug/Kg	U
71-43-2	Benzene	C2619-4294	103	103	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	C2619-4294	102	102	ug/Kg	U
74-83-9	Bromomethane	C2619-4294	125	125	ug/Kg	U
74-87-3	Chloromethane	C2619-4294	106	106	ug/Kg	U
74-95-3	Dibromomethane	C2619-4294	97.3	97.3	ug/Kg	U
74-97-5	Bromochloromethane	C2619-4294	97.3	97.3	ug/Kg	U
75-00-3	Chloroethane	C2619-4294	189	189	ug/Kg	U
75-01-4	Vinyl Chloride	C2619-4294	103	103	ug/Kg	U
75-09-2	Methylene Chloride	C2619-4294	111	111	ug/Kg	U
75-15-0	Carbon disulfide	C2619-4294	104	104	ug/Kg	U
75-25-2	Bromoform	C2619-4294	94.5	94.5	ug/Kg	U
75-27-4	Bromodichloromethane	C2619-4294	94.5	94.5	ug/Kg	U
75-34-3	1,1-Dichloroethane	C2619-4294	110	110	ug/Kg	U
75-35-4	1,1-Dichloroethene	C2619-4294	110	110	ug/Kg	U
75-45-6	Chlorodifluoromethane	C2619-4294	109	109	ug/Kg	U
75-65-0	Tertiary butyl alcohol	C2619-4294	1290	1290	ug/Kg	U
75-69-4	Trichlorofluoromethane	C2619-4294	97.3	97.3	ug/Kg	U
75-71-8	Dichlorodifluoromethane	C2619-4294	98.7	98.7	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	C2619-4294	86.0	86.0	ug/Kg	U
78-87-5	1,2-Dichloropropane	C2619-4294	91.7	91.7	ug/Kg	U
78-93-3	2-Butanone	C2619-4294	326	326	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	C2619-4294	121	121	ug/Kg	U
79-01-6	Trichloroethene	C2619-4294	97.3	97.3	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	C2619-4294	114	114	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	C2619-4294	71.9	71.9	ug/Kg	U
87-68-3	Hexachlorobutadiene	C2619-4294	74.7	74.7	ug/Kg	U
91-20-3	Naphthalene	C2619-4294	87.4	**11200**	ug/Kg	
95-47-6	o-xylene	C2619-4294	95.9	95.9	ug/Kg	U
95-49-8	2-Chlorotoluene	C2619-4294	86.0	86.0	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	C2619-4294	90.2	90.2	ug/Kg	U

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706159-2
Client Sample ID: TP1 (2-4)
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 06/14/2007

Type: Grab

Collected: 06/07/2007 08:40
% Solid: 88.4%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
95-63-6	1,2,4-Trimethylbenzene	C2619-4294	76.1	**890**	ug/Kg	
95-93-2	1,2,4,5-Tetramethylbenzene	C2619-4294	84.6	**12600**	ug/Kg	
96-12-8	1,2-Dibromo-3-chloropropane	C2619-4294	90.2	90.2	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	C2619-4294	152	152	ug/Kg	U
98-06-6	tert-Butylbenzene	C2619-4294	79.0	79.0	ug/Kg	U
98-82-8	Isopropylbenzene	C2619-4294	90.2	**1130**	ug/Kg	
99-87-6	4-Isopropyltoluene	C2619-4294	76.1	**1360**	ug/Kg	
100-41-4	Ethylbenzene	C2619-4294	98.7	**202**	ug/Kg	J
100-42-5	Styrene	C2619-4294	84.6	84.6	ug/Kg	U
103-65-1	n-Propylbenzene	C2619-4294	90.2	**2130**	ug/Kg	
104-51-8	n-Butylbenzene	C2619-4294	81.8	**3680**	ug/Kg	
105-05-5	p-Diethylbenzene	C2619-4294	81.8	**4510**	ug/Kg	
106-43-4	4-Chlorotoluene	C2619-4294	84.6	84.6	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	C2619-4294	93.1	93.1	ug/Kg	U
106-93-4	1,2-Dibromoethane	C2619-4294	100	100	ug/Kg	U
107-06-2	1,2-Dichloroethane	C2619-4294	98.7	98.7	ug/Kg	U
107-13-1	Acrylonitrile	C2619-4294	642	642	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	C2619-4294	350	350	ug/Kg	U
108-38-3	m,p-xylene	C2619-4294	162	**330**	ug/Kg	J
108-67-8	1,3,5-Trimethylbenzene	C2619-4294	79.0	**157**	ug/Kg	J
108-86-1	Bromobenzene	C2619-4294	94.5	94.5	ug/Kg	U
108-88-3	Toluene	C2619-4294	77.6	**102**	ug/Kg	J
108-90-7	Chlorobenzene	C2619-4294	98.7	98.7	ug/Kg	U
110-75-8	2-Chloroethylvinylether	C2619-4294	182	182	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	C2619-4294	79.0	79.0	ug/Kg	U
124-48-1	Dibromochloromethane	C2619-4294	95.9	95.9	ug/Kg	U
127-18-4	Tetrachloroethene	C2619-4294	88.8	88.8	ug/Kg	U
135-98-8	sec-Butylbenzene	C2619-4294	81.8	**2900**	ug/Kg	
142-28-9	1,3-Dichloropropane	C2619-4294	93.1	93.1	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	C2619-4294	95.9	95.9	ug/Kg	U
156-60-5	t-1,2-Dichloroethene	C2619-4294	94.5	94.5	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	C2619-4294	88.8	88.8	ug/Kg	U
563-58-6	1,1-Dichloropropene	C2619-4294	97.3	97.3	ug/Kg	U

Environmental Testing Laboratories, Inc.
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05/22/2008

Volatiles - EPA 8260B

Sample: 0706159-2

Client Sample ID: TP1 (2-4)
Matrix: Soil
Type: Grab
Collected: 06/07/2007 08:40
% Solid: 88.4%
Remarks: See Case Narrative
Analyzed Date: 06/14/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
590-20-7	2,2-Dichloropropane	C2619-4294	69.1	69.1	ug/Kg	U
591-78-6	2-Hexanone	C2619-4294	312	312	ug/Kg	U
622-96-8	p-Ethyltoluene	C2619-4294	83.2	**392**	ug/Kg	J
630-20-6	1,1,1,2-Tetrachloroethane	C2619-4294	95.9	95.9	ug/Kg	U
994-05-8	TAME	C2619-4294	60.6	60.6	ug/Kg	U
1634-04-4	Methyl t-butyl ether	C2619-4294	104	104	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	C2619-4294	74.7	74.7	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	C2619-4294	90.2	90.2	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	C2619-4294	91.5 %	(70 - 124)	
460-00-4	4-BROMOFLUOROBENZENE	C2619-4294	94.6 %	(74 - 124)	
4774-33-8	DIBROMOFLUOROMETHANE	C2619-4294	114.0 %	(77 - 162)	
2037-26-5	TOLUENE-D8	C2619-4294	97.0 %	(73 - 120)	

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706159-4

Client Sample ID: TP2 (0-2)
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 06/12/2007

Type: Grab

Collected: 06/07/2007 09:05
% Solid: 91.2%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
67-64-1	Acetone	B2374-9751	5.57	**75.6**	ug/Kg	
56-23-5	Carbon Tetrachloride	B2374-9751	0.63	0.63	ug/Kg	U
67-66-3	Chloroform	B2374-9751	0.52	0.52	ug/Kg	U
71-43-2	Benzene	B2374-9751	0.55	0.55	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	B2374-9751	0.55	0.55	ug/Kg	U
74-83-9	Bromomethane	B2374-9751	0.57	0.57	ug/Kg	U
74-87-3	Chloromethane	B2374-9751	0.43	0.43	ug/Kg	U
74-95-3	Dibromomethane	B2374-9751	0.55	0.55	ug/Kg	U
74-97-5	Bromochloromethane	B2374-9751	1.10	1.10	ug/Kg	U
75-00-3	Chloroethane	B2374-9751	1.40	1.40	ug/Kg	U
75-01-4	Vinyl Chloride	B2374-9751	0.65	0.65	ug/Kg	U
75-09-2	Methylene Chloride	B2374-9751	0.94	**3.66**	ug/Kg	J
75-15-0	Carbon disulfide	B2374-9751	1.38	1.38	ug/Kg	U
75-25-2	Bromoform	B2374-9751	1.24	1.24	ug/Kg	U
75-27-4	Bromodichloromethane	B2374-9751	0.47	0.47	ug/Kg	U
75-34-3	1,1-Dichloroethane	B2374-9751	0.48	0.48	ug/Kg	U
75-35-4	1,1-Dichloroethene	B2374-9751	0.76	0.76	ug/Kg	U
75-45-6	Chlorodifluoromethane	B2374-9751	0.71	0.71	ug/Kg	U
75-65-0	Tertiary butyl alcohol	B2374-9751	19.1	19.1	ug/Kg	U
75-69-4	Trichlorofluoromethane	B2374-9751	0.70	0.70	ug/Kg	U
75-71-8	Dichlorodifluoromethane	B2374-9751	0.58	0.58	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	B2374-9751	0.81	0.81	ug/Kg	U
78-87-5	1,2-Dichloropropane	B2374-9751	0.42	0.42	ug/Kg	U
78-93-3	2-Butanone	B2374-9751	3.48	**16.6**	ug/Kg	J
79-00-5	1,1,2-Trichloroethane	B2374-9751	0.97	0.97	ug/Kg	U
79-01-6	Trichloroethene	B2374-9751	0.40	0.40	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	B2374-9751	1.57	1.57	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	B2374-9751	1.13	1.13	ug/Kg	U
87-68-3	Hexachlorobutadiene	B2374-9751	1.09	1.09	ug/Kg	U
91-20-3	Naphthalene	B2374-9751	1.34	**2.73**	ug/Kg	J
95-47-6	o-xylene	B2374-9751	0.82	0.82	ug/Kg	U
95-49-8	2-Chlorotoluene	B2374-9751	0.98	0.98	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	B2374-9751	1.30	1.30	ug/Kg	U

Environmental Testing Laboratories, Inc.
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05/22/2008

Volatiles - EPA 8260B

Sample: 0706159-4
Client Sample ID: TP2 (0-2)
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 06/12/2007

Type: Grab

Collected: 06/07/2007 09:05
% Solid: 91.2%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
95-63-6	1,2,4-Trimethylbenzene	B2374-9751	1.03	**1.92**	ug/Kg	J
95-93-2	1,2,4,5-Tetramethylbenzene	B2374-9751	1.20	**5.11**	ug/Kg	J
96-12-8	1,2-Dibromo-3-chloropropane	B2374-9751	2.52	2.52	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	B2374-9751	2.21	2.21	ug/Kg	U
98-06-6	tert-Butylbenzene	B2374-9751	1.06	1.06	ug/Kg	U
98-82-8	Isopropylbenzene	B2374-9751	0.69	**1.28**	ug/Kg	J
99-87-6	4-Isopropyltoluene	B2374-9751	0.87	**1.72**	ug/Kg	J
100-41-4	Ethylbenzene	B2374-9751	0.47	0.47	ug/Kg	U
100-42-5	Styrene	B2374-9751	0.81	0.81	ug/Kg	U
103-65-1	n-Propylbenzene	B2374-9751	0.79	**1.81**	ug/Kg	J
104-51-8	n-Butylbenzene	B2374-9751	0.98	**1.28**	ug/Kg	J
105-05-5	p-Diethylbenzene	B2374-9751	1.09	**1.30**	ug/Kg	J
106-43-4	4-Chlorotoluene	B2374-9751	1.08	1.08	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	B2374-9751	1.13	1.13	ug/Kg	U
106-93-4	1,2-Dibromoethane	B2374-9751	0.81	0.81	ug/Kg	U
107-06-2	1,2-Dichloroethane	B2374-9751	0.63	0.63	ug/Kg	U
107-13-1	Acrylonitrile	B2374-9751	6.74	6.74	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	B2374-9751	2.13	2.13	ug/Kg	U
108-38-3	m,p-xylene	B2374-9751	1.10	1.10	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	B2374-9751	0.90	0.90	ug/Kg	U
108-86-1	Bromobenzene	B2374-9751	0.89	0.89	ug/Kg	U
108-88-3	Toluene	B2374-9751	0.42	0.42	ug/Kg	U
108-90-7	Chlorobenzene	B2374-9751	0.56	0.56	ug/Kg	U
110-75-8	2-Chloroethylvinylether	B2374-9751	3.73	3.73	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	B2374-9751	1.10	1.10	ug/Kg	U
124-48-1	Dibromochloromethane	B2374-9751	0.79	0.79	ug/Kg	U
127-18-4	Tetrachloroethene	B2374-9751	0.64	0.64	ug/Kg	U
135-98-8	sec-Butylbenzene	B2374-9751	0.91	0.91	ug/Kg	U
142-28-9	1,3-Dichloropropane	B2374-9751	0.59	0.59	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	B2374-9751	0.59	0.59	ug/Kg	U
156-60-5	t-1,2-Dichloroethene	B2374-9751	0.46	0.46	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	B2374-9751	1.09	1.09	ug/Kg	U
563-58-6	1,1-Dichloropropene	B2374-9751	1.15	1.15	ug/Kg	U

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706159-4
Client Sample ID: TP2 (0-2)
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 06/12/2007

Type: Grab

Collected: 06/07/2007 09:05
% Solid: 91.2%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
590-20-7	2,2-Dichloropropane	B2374-9751	0.85	0.85	ug/Kg	U
591-78-6	2-Hexanone	B2374-9751	1.91	1.91	ug/Kg	U
622-96-8	p-Ethyltoluene	B2374-9751	1.01	1.01	ug/Kg	U
630-20-6	1,1,1,2-Tetrachloroethane	B2374-9751	0.87	0.87	ug/Kg	U
994-05-8	TAME	B2374-9751	2.31	2.31	ug/Kg	U
1634-04-4	Methyl t-butyl ether	B2374-9751	0.55	0.55	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	B2374-9751	0.54	0.54	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	B2374-9751	0.54	0.54	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	B2374-9751	102.0 %	(68 - 120)	
460-00-4	4-BROMOFLUOROBENZENE	B2374-9751	99.8 %	(80 - 110)	
4774-33-8	DIBROMOFLUOROMETHANE	B2374-9751	103.0 %	(68 - 156)	
2037-26-5	TOLUENE-D8	B2374-9751	97.0 %	(87 - 113)	

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706159-5

Client Sample ID: TP2 (2-4)
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 06/14/2007

Type: Grab

Collected: 06/07/2007 09:10
% Solid: 83.8%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
67-64-1	Acetone	C2619-4295	352	352	ug/Kg	U
56-23-5	Carbon Tetrachloride	C2619-4295	101	101	ug/Kg	U
67-66-3	Chloroform	C2619-4295	113	113	ug/Kg	U
71-43-2	Benzene	C2619-4295	109	109	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	C2619-4295	107	107	ug/Kg	U
74-83-9	Bromomethane	C2619-4295	133	133	ug/Kg	U
74-87-3	Chloromethane	C2619-4295	112	112	ug/Kg	U
74-95-3	Dibromomethane	C2619-4295	103	103	ug/Kg	U
74-97-5	Bromochloromethane	C2619-4295	103	103	ug/Kg	U
75-00-3	Chloroethane	C2619-4295	200	200	ug/Kg	U
75-01-4	Vinyl Chloride	C2619-4295	109	109	ug/Kg	U
75-09-2	Methylene Chloride	C2619-4295	118	118	ug/Kg	U
75-15-0	Carbon disulfide	C2619-4295	110	110	ug/Kg	U
75-25-2	Bromoform	C2619-4295	99.8	99.8	ug/Kg	U
75-27-4	Bromodichloromethane	C2619-4295	99.8	99.8	ug/Kg	U
75-34-3	1,1-Dichloroethane	C2619-4295	116	116	ug/Kg	U
75-35-4	1,1-Dichloroethene	C2619-4295	116	116	ug/Kg	U
75-45-6	Chlorodifluoromethane	C2619-4295	115	115	ug/Kg	U
75-65-0	Tertiary butyl alcohol	C2619-4295	1360	1360	ug/Kg	U
75-69-4	Trichlorofluoromethane	C2619-4295	103	103	ug/Kg	U
75-71-8	Dichlorodifluoromethane	C2619-4295	104	104	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	C2619-4295	90.9	90.9	ug/Kg	U
78-87-5	1,2-Dichloropropane	C2619-4295	96.8	96.8	ug/Kg	U
78-93-3	2-Butanone	C2619-4295	344	344	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	C2619-4295	128	128	ug/Kg	U
79-01-6	Trichloroethene	C2619-4295	103	103	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	C2619-4295	121	121	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	C2619-4295	76.0	76.0	ug/Kg	U
87-68-3	Hexachlorobutadiene	C2619-4295	79.0	79.0	ug/Kg	U
91-20-3	Naphthalene	C2619-4295	92.4	**1020**	ug/Kg	
95-47-6	o-xylene	C2619-4295	101	101	ug/Kg	U
95-49-8	2-Chlorotoluene	C2619-4295	90.9	90.9	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	C2619-4295	95.4	95.4	ug/Kg	U

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706159-5

Client Sample ID: TP2 (2-4)
Matrix: Soil
Type: Grab
Remarks: See Case Narrative
Analyzed Date: 06/14/2007

Collected: 06/07/2007 09:10
% Solid: 83.8%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
95-63-6	1,2,4-Trimethylbenzene	C2619-4295	80.5	**731**	ug/Kg	J
95-93-2	1,2,4,5-Tetramethylbenzene	C2619-4295	89.4	**1900**	ug/Kg	
96-12-8	1,2-Dibromo-3-chloropropane	C2619-4295	95.4	95.4	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	C2619-4295	161	161	ug/Kg	U
98-06-6	tert-Butylbenzene	C2619-4295	83.4	83.4	ug/Kg	U
98-82-8	Isopropylbenzene	C2619-4295	95.4	**211**	ug/Kg	J
99-87-6	4-Isopropyltoluene	C2619-4295	80.5	**113**	ug/Kg	J
100-41-4	Ethylbenzene	C2619-4295	104	104	ug/Kg	U
100-42-5	Styrene	C2619-4295	89.4	89.4	ug/Kg	U
103-65-1	n-Propylbenzene	C2619-4295	95.4	**565**	ug/Kg	J
104-51-8	n-Butylbenzene	C2619-4295	86.4	**302**	ug/Kg	J
105-05-5	p-Diethylbenzene	C2619-4295	86.4	**358**	ug/Kg	J
106-43-4	4-Chlorotoluene	C2619-4295	89.4	89.4	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	C2619-4295	98.3	98.3	ug/Kg	U
106-93-4	1,2-Dibromoethane	C2619-4295	106	106	ug/Kg	U
107-06-2	1,2-Dichloroethane	C2619-4295	104	104	ug/Kg	U
107-13-1	Acrylonitrile	C2619-4295	678	678	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	C2619-4295	370	370	ug/Kg	U
108-38-3	m,p-xylene	C2619-4295	171	171	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	C2619-4295	83.4	83.4	ug/Kg	U
108-86-1	Bromobenzene	C2619-4295	99.8	99.8	ug/Kg	U
108-88-3	Toluene	C2619-4295	81.9	81.9	ug/Kg	U
108-90-7	Chlorobenzene	C2619-4295	104	104	ug/Kg	U
110-75-8	2-Chloroethylvinylether	C2619-4295	192	192	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	C2619-4295	83.4	83.4	ug/Kg	U
124-48-1	Dibromochloromethane	C2619-4295	101	101	ug/Kg	U
127-18-4	Tetrachloroethene	C2619-4295	93.9	93.9	ug/Kg	U
135-98-8	sec-Butylbenzene	C2619-4295	86.4	**267**	ug/Kg	J
142-28-9	1,3-Dichloropropane	C2619-4295	98.3	98.3	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	C2619-4295	101	101	ug/Kg	U
156-60-5	t-1,2-Dichloroethene	C2619-4295	99.8	99.8	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	C2619-4295	93.9	93.9	ug/Kg	U
563-58-6	1,1-Dichloropropene	C2619-4295	103	103	ug/Kg	U

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706159-5

Client Sample ID: TP2 (2-4)
Matrix: Soil
Type: Grab
Collected: 06/07/2007 09:10
% Solid: 83.8%
Remarks: See Case Narrative
Analyzed Date: 06/14/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
590-20-7	2,2-Dichloropropane	C2619-4295	73.0	73.0	ug/Kg	U
591-78-6	2-Hexanone	C2619-4295	329	329	ug/Kg	U
622-96-8	p-Ethyltoluene	C2619-4295	87.9	87.9	ug/Kg	U
630-20-6	1,1,1,2-Tetrachloroethane	C2619-4295	101	101	ug/Kg	U
994-05-8	TAME	C2619-4295	64.1	64.1	ug/Kg	U
1634-04-4	Methyl t-butyl ether	C2619-4295	110	110	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	C2619-4295	79.0	79.0	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	C2619-4295	95.4	95.4	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	C2619-4295	93.9 %	(70 - 124)	
460-00-4	4-BROMOFLUOROBENZENE	C2619-4295	106.0 %	(74 - 124)	
4774-33-8	DIBROMOFLUOROMETHANE	C2619-4295	117.0 %	(77 - 162)	
2037-26-5	TOLUENE-D8	C2619-4295	96.3 %	(73 - 120)	

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706159-7

Client Sample ID: TP3 (0-2)
Matrix: Soil
Type: Grab
Collected: 06/07/2007 10:20
% Solid: 84.3%
Remarks: See Case Narrative
Analyzed Date: 06/12/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
67-64-1	Acetone	B2374-9752	6.02	**37.5**	ug/Kg	
56-23-5	Carbon Tetrachloride	B2374-9752	0.68	0.68	ug/Kg	U
67-66-3	Chloroform	B2374-9752	0.56	0.56	ug/Kg	U
71-43-2	Benzene	B2374-9752	0.60	0.60	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	B2374-9752	0.60	0.60	ug/Kg	U
74-83-9	Bromomethane	B2374-9752	0.62	0.62	ug/Kg	U
74-87-3	Chloromethane	B2374-9752	0.46	0.46	ug/Kg	U
74-95-3	Dibromomethane	B2374-9752	0.60	0.60	ug/Kg	U
74-97-5	Bromochloromethane	B2374-9752	1.19	1.19	ug/Kg	U
75-00-3	Chloroethane	B2374-9752	1.51	1.51	ug/Kg	U
75-01-4	Vinyl Chloride	B2374-9752	0.70	0.70	ug/Kg	U
75-09-2	Methylene Chloride	B2374-9752	1.01	**4.80**	ug/Kg	J
75-15-0	Carbon disulfide	B2374-9752	1.49	1.49	ug/Kg	U
75-25-2	Bromoform	B2374-9752	1.34	1.34	ug/Kg	U
75-27-4	Bromodichloromethane	B2374-9752	0.51	0.51	ug/Kg	U
75-34-3	1,1-Dichloroethane	B2374-9752	0.52	0.52	ug/Kg	U
75-35-4	1,1-Dichloroethene	B2374-9752	0.82	0.82	ug/Kg	U
75-45-6	Chlorodifluoromethane	B2374-9752	0.77	0.77	ug/Kg	U
75-65-0	Tertiary butyl alcohol	B2374-9752	20.7	20.7	ug/Kg	U
75-69-4	Trichlorofluoromethane	B2374-9752	0.76	0.76	ug/Kg	U
75-71-8	Dichlorodifluoromethane	B2374-9752	0.63	0.63	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	B2374-9752	0.88	0.88	ug/Kg	U
78-87-5	1,2-Dichloropropane	B2374-9752	0.45	0.45	ug/Kg	U
78-93-3	2-Butanone	B2374-9752	3.76	3.76	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	B2374-9752	1.05	1.05	ug/Kg	U
79-01-6	Trichloroethene	B2374-9752	0.43	0.43	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	B2374-9752	1.70	1.70	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	B2374-9752	1.23	1.23	ug/Kg	U
87-68-3	Hexachlorobutadiene	B2374-9752	1.18	1.18	ug/Kg	U
91-20-3	Naphthalene	B2374-9752	1.45	1.45	ug/Kg	U
95-47-6	o-xylene	B2374-9752	0.89	0.89	ug/Kg	U
95-49-8	2-Chlorotoluene	B2374-9752	1.06	1.06	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	B2374-9752	1.40	1.40	ug/Kg	U

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706159-7

Client Sample ID: TP3 (0-2)
Matrix: Soil
Type: Grab
Collected: 06/07/2007 10:20
% Solid: 84.3%
Remarks: See Case Narrative
Analyzed Date: 06/12/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
95-63-6	1,2,4-Trimethylbenzene	B2374-9752	1.12	**11.9**	ug/Kg	
95-93-2	1,2,4,5-Tetramethylbenzene	B2374-9752	1.30	**60.9**	ug/Kg	
96-12-8	1,2-Dibromo-3-chloropropane	B2374-9752	2.73	2.73	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	B2374-9752	2.39	2.39	ug/Kg	U
98-06-6	tert-Butylbenzene	B2374-9752	1.14	1.14	ug/Kg	U
98-82-8	Isopropylbenzene	B2374-9752	0.75	**2.63**	ug/Kg	J
99-87-6	4-Isopropyltoluene	B2374-9752	0.94	**8.18**	ug/Kg	
100-41-4	Ethylbenzene	B2374-9752	0.51	0.51	ug/Kg	U
100-42-5	Styrene	B2374-9752	0.88	0.88	ug/Kg	U
103-65-1	n-Propylbenzene	B2374-9752	0.86	**6.92**	ug/Kg	
104-51-8	n-Butylbenzene	B2374-9752	1.06	**12.4**	ug/Kg	
105-05-5	p-Diethylbenzene	B2374-9752	1.18	**13.2**	ug/Kg	
106-43-4	4-Chlorotoluene	B2374-9752	1.17	1.17	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	B2374-9752	1.23	1.23	ug/Kg	U
106-93-4	1,2-Dibromoethane	B2374-9752	0.88	0.88	ug/Kg	U
107-06-2	1,2-Dichloroethane	B2374-9752	0.68	0.68	ug/Kg	U
107-13-1	Acrylonitrile	B2374-9752	7.29	7.29	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	B2374-9752	2.31	2.31	ug/Kg	U
108-38-3	m,p-xylene	B2374-9752	1.19	1.19	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	B2374-9752	0.98	0.98	ug/Kg	U
108-86-1	Bromobenzene	B2374-9752	0.96	0.96	ug/Kg	U
108-88-3	Toluene	B2374-9752	0.45	0.45	ug/Kg	U
108-90-7	Chlorobenzene	B2374-9752	0.61	0.61	ug/Kg	U
110-75-8	2-Chloroethylvinylether	B2374-9752	4.03	4.03	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	B2374-9752	1.19	1.19	ug/Kg	U
124-48-1	Dibromochloromethane	B2374-9752	0.86	0.86	ug/Kg	U
127-18-4	Tetrachloroethene	B2374-9752	0.69	0.69	ug/Kg	U
135-98-8	sec-Butylbenzene	B2374-9752	0.99	**15.1**	ug/Kg	
142-28-9	1,3-Dichloropropane	B2374-9752	0.64	0.64	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	B2374-9752	0.64	0.64	ug/Kg	U
156-60-5	t-1,2-Dichloroethene	B2374-9752	0.50	0.50	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	B2374-9752	1.18	1.18	ug/Kg	U
563-58-6	1,1-Dichloropropene	B2374-9752	1.25	1.25	ug/Kg	U

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706159-7

Client Sample ID: TP3 (0-2)
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 06/12/2007

Type: Grab

Collected: 06/07/2007 10:20
% Solid: 84.3%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
590-20-7	2,2-Dichloropropane	B2374-9752	0.92	0.92	ug/Kg	U
591-78-6	2-Hexanone	B2374-9752	2.07	2.07	ug/Kg	U
622-96-8	p-Ethyltoluene	B2374-9752	1.09	**4.50**	ug/Kg	J
630-20-6	1,1,1,2-Tetrachloroethane	B2374-9752	0.94	0.94	ug/Kg	U
994-05-8	TAME	B2374-9752	2.50	2.50	ug/Kg	U
1634-04-4	Methyl t-butyl ether	B2374-9752	0.60	0.60	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	B2374-9752	0.58	0.58	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	B2374-9752	0.58	0.58	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	B2374-9752	99.7 %	(68 - 120)	
460-00-4	4-BROMOFLUOROBENZENE	B2374-9752	96.1 %	(80 - 110)	
4774-33-8	DIBROMOFLUOROMETHANE	B2374-9752	101.0 %	(68 - 156)	
2037-26-5	TOLUENE-D8	B2374-9752	96.6 %	(87 - 113)	

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706159-8

Client Sample ID: TP3 (2-4)
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 06/12/2007

Type: Grab

Collected: 06/07/2007 10:25
% Solid: 98.8%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
67-64-1	Acetone	B2374-9753	5.11	**11.1**	ug/Kg	J
56-23-5	Carbon Tetrachloride	B2374-9753	0.58	0.58	ug/Kg	U
67-66-3	Chloroform	B2374-9753	0.47	0.47	ug/Kg	U
71-43-2	Benzene	B2374-9753	0.50	0.50	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	B2374-9753	0.50	0.50	ug/Kg	U
74-83-9	Bromomethane	B2374-9753	0.53	0.53	ug/Kg	U
74-87-3	Chloromethane	B2374-9753	0.39	0.39	ug/Kg	U
74-95-3	Dibromomethane	B2374-9753	0.50	0.50	ug/Kg	U
74-97-5	Bromochloromethane	B2374-9753	1.01	1.01	ug/Kg	U
75-00-3	Chloroethane	B2374-9753	1.28	1.28	ug/Kg	U
75-01-4	Vinyl Chloride	B2374-9753	0.60	0.60	ug/Kg	U
75-09-2	Methylene Chloride	B2374-9753	0.86	**4.54**	ug/Kg	J
75-15-0	Carbon disulfide	B2374-9753	1.26	**1.39**	ug/Kg	J
75-25-2	Bromoform	B2374-9753	1.14	1.14	ug/Kg	U
75-27-4	Bromodichloromethane	B2374-9753	0.43	0.43	ug/Kg	U
75-34-3	1,1-Dichloroethane	B2374-9753	0.44	0.44	ug/Kg	U
75-35-4	1,1-Dichloroethene	B2374-9753	0.70	0.70	ug/Kg	U
75-45-6	Chlorodifluoromethane	B2374-9753	0.66	0.66	ug/Kg	U
75-65-0	Tertiary butyl alcohol	B2374-9753	17.6	17.6	ug/Kg	U
75-69-4	Trichlorofluoromethane	B2374-9753	0.65	0.65	ug/Kg	U
75-71-8	Dichlorodifluoromethane	B2374-9753	0.54	0.54	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	B2374-9753	0.75	0.75	ug/Kg	U
78-87-5	1,2-Dichloropropane	B2374-9753	0.38	0.38	ug/Kg	U
78-93-3	2-Butanone	B2374-9753	3.19	3.19	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	B2374-9753	0.89	0.89	ug/Kg	U
79-01-6	Trichloroethene	B2374-9753	0.36	0.36	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	B2374-9753	1.44	1.44	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	B2374-9753	1.04	1.04	ug/Kg	U
87-68-3	Hexachlorobutadiene	B2374-9753	1.00	1.00	ug/Kg	U
91-20-3	Naphthalene	B2374-9753	1.23	1.23	ug/Kg	U
95-47-6	o-xylene	B2374-9753	0.76	0.76	ug/Kg	U
95-49-8	2-Chlorotoluene	B2374-9753	0.90	0.90	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	B2374-9753	1.19	1.19	ug/Kg	U

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

05/22/2008

Volatiles - EPA 8260B

Sample: 0706159-8

Client Sample ID: TP3 (2-4)
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 06/12/2007

Type: Grab

Collected: 06/07/2007 10:25
% Solid: 98.8%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
95-63-6	1,2,4-Trimethylbenzene	B2374-9753	0.95	**32.2**	ug/Kg	
95-93-2	1,2,4,5-Tetramethylbenzene	B2377-9814	5.52	**258**	ug/Kg	
96-12-8	1,2-Dibromo-3-chloropropane	B2374-9753	2.31	2.31	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	B2374-9753	2.03	2.03	ug/Kg	U
98-06-6	tert-Butylbenzene	B2374-9753	0.97	0.97	ug/Kg	U
98-82-8	Isopropylbenzene	B2374-9753	0.64	**4.12**	ug/Kg	J
99-87-6	4-Isopropyltoluene	B2374-9753	0.80	**7.25**	ug/Kg	
100-41-4	Ethylbenzene	B2374-9753	0.43	0.43	ug/Kg	U
100-42-5	Styrene	B2374-9753	0.75	0.75	ug/Kg	U
103-65-1	n-Propylbenzene	B2374-9753	0.73	**8.35**	ug/Kg	
104-51-8	n-Butylbenzene	B2374-9753	0.90	**57.2**	ug/Kg	
105-05-5	p-Diethylbenzene	B2374-9753	1.00	**45.6**	ug/Kg	
106-43-4	4-Chlorotoluene	B2374-9753	0.99	0.99	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	B2374-9753	1.04	1.04	ug/Kg	U
106-93-4	1,2-Dibromoethane	B2374-9753	0.75	0.75	ug/Kg	U
107-06-2	1,2-Dichloroethane	B2374-9753	0.58	0.58	ug/Kg	U
107-13-1	Acrylonitrile	B2374-9753	6.19	6.19	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	B2374-9753	1.96	1.96	ug/Kg	U
108-38-3	m,p-xylene	B2374-9753	1.01	1.01	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	B2374-9753	0.83	0.83	ug/Kg	U
108-86-1	Bromobenzene	B2374-9753	0.82	0.82	ug/Kg	U
108-88-3	Toluene	B2374-9753	0.38	0.38	ug/Kg	U
108-90-7	Chlorobenzene	B2374-9753	0.52	0.52	ug/Kg	U
110-75-8	2-Chloroethylvinylether	B2374-9753	3.42	3.42	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	B2374-9753	1.01	**1.04**	ug/Kg	J
124-48-1	Dibromochloromethane	B2374-9753	0.73	0.73	ug/Kg	U
127-18-4	Tetrachloroethene	B2374-9753	0.59	0.59	ug/Kg	U
135-98-8	sec-Butylbenzene	B2374-9753	0.84	**52.8**	ug/Kg	
142-28-9	1,3-Dichloropropane	B2374-9753	0.55	0.55	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	B2374-9753	0.55	0.55	ug/Kg	U
156-60-5	t-1,2-Dichloroethene	B2374-9753	0.42	0.42	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	B2374-9753	1.00	1.00	ug/Kg	U
563-58-6	1,1-Dichloropropene	B2374-9753	1.06	1.06	ug/Kg	U

Environmental Testing Laboratories, Inc.
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05/22/2008

Volatiles - EPA 8260B

Sample: 0706159-8

Client Sample ID: TP3 (2-4)
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 06/12/2007

Type: Grab

Collected: 06/07/2007 10:25
% Solid: 98.8%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
590-20-7	2,2-Dichloropropane	B2374-9753	0.78	0.78	ug/Kg	U
591-78-6	2-Hexanone	B2374-9753	1.76	1.76	ug/Kg	U
622-96-8	p-Ethyltoluene	B2374-9753	0.93	**3.61**	ug/Kg	J
630-20-6	1,1,1,2-Tetrachloroethane	B2374-9753	0.80	0.80	ug/Kg	U
994-05-8	TAME	B2374-9753	2.12	2.12	ug/Kg	U
1634-04-4	Methyl t-butyl ether	B2374-9753	0.50	0.50	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	B2374-9753	0.49	0.49	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	B2374-9753	0.49	0.49	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	B2374-9753	98.1 %	(68 - 120)	
460-00-4	4-BROMOFLUOROBENZENE	B2374-9753	97.3 %	(80 - 110)	
4774-33-8	DIBROMOFLUOROMETHANE	B2374-9753	99.5 %	(68 - 156)	
2037-26-5	TOLUENE-D8	B2374-9753	97.9 %	(87 - 113)	
17060-07-0	1,2-DICHLOROETHANE-D4	B2377-9814	99.0 %	(68 - 120)	
460-00-4	4-BROMOFLUOROBENZENE	B2377-9814	96.2 %	(80 - 110)	
4774-33-8	DIBROMOFLUOROMETHANE	B2377-9814	96.7 %	(68 - 156)	
2037-26-5	TOLUENE-D8	B2377-9814	93.1 %	(87 - 113)	

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706159-10

Client Sample ID: TP4 (0-2)
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 06/12/2007

Type: Grab

Collected: 06/07/2007 11:35
% Solid: 97.2%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
67-64-1	Acetone	B2374-9754	5.21	**7.55**	ug/Kg	J
56-23-5	Carbon Tetrachloride	B2374-9754	0.59	0.59	ug/Kg	U
67-66-3	Chloroform	B2374-9754	0.48	0.48	ug/Kg	U
71-43-2	Benzene	B2374-9754	0.51	0.51	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	B2374-9754	0.51	0.51	ug/Kg	U
74-83-9	Bromomethane	B2374-9754	0.54	0.54	ug/Kg	U
74-87-3	Chloromethane	B2374-9754	0.40	0.40	ug/Kg	U
74-95-3	Dibromomethane	B2374-9754	0.51	0.51	ug/Kg	U
74-97-5	Bromochloromethane	B2374-9754	1.03	1.03	ug/Kg	U
75-00-3	Chloroethane	B2374-9754	1.31	1.31	ug/Kg	U
75-01-4	Vinyl Chloride	B2374-9754	0.61	0.61	ug/Kg	U
75-09-2	Methylene Chloride	B2374-9754	0.88	**4.40**	ug/Kg	J
75-15-0	Carbon disulfide	B2374-9754	1.29	**1.75**	ug/Kg	J
75-25-2	Bromoform	B2374-9754	1.16	1.16	ug/Kg	U
75-27-4	Bromodichloromethane	B2374-9754	0.44	0.44	ug/Kg	U
75-34-3	1,1-Dichloroethane	B2374-9754	0.45	0.45	ug/Kg	U
75-35-4	1,1-Dichloroethene	B2374-9754	0.71	0.71	ug/Kg	U
75-45-6	Chlorodifluoromethane	B2374-9754	0.67	0.67	ug/Kg	U
75-65-0	Tertiary butyl alcohol	B2374-9754	17.9	17.9	ug/Kg	U
75-69-4	Trichlorofluoromethane	B2374-9754	0.66	0.66	ug/Kg	U
75-71-8	Dichlorodifluoromethane	B2374-9754	0.55	0.55	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	B2374-9754	0.76	0.76	ug/Kg	U
78-87-5	1,2-Dichloropropane	B2374-9754	0.39	0.39	ug/Kg	U
78-93-3	2-Butanone	B2374-9754	3.25	3.25	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	B2374-9754	0.91	0.91	ug/Kg	U
79-01-6	Trichloroethene	B2374-9754	0.37	0.37	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	B2374-9754	1.47	1.47	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	B2374-9754	1.06	1.06	ug/Kg	U
87-68-3	Hexachlorobutadiene	B2374-9754	1.02	1.02	ug/Kg	U
91-20-3	Naphthalene	B2374-9754	1.26	1.26	ug/Kg	U
95-47-6	o-xylene	B2374-9754	0.77	0.77	ug/Kg	U
95-49-8	2-Chlorotoluene	B2374-9754	0.92	0.92	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	B2374-9754	1.22	1.22	ug/Kg	U

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706159-10
Client Sample ID: TP4 (0-2)
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 06/12/2007

Type: Grab

Collected: 06/07/2007 11:35
% Solid: 97.2%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
95-63-6	1,2,4-Trimethylbenzene	B2374-9754	0.97	0.97	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	B2374-9754	1.12	**8.57**	ug/Kg	
96-12-8	1,2-Dibromo-3-chloropropane	B2374-9754	2.36	2.36	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	B2374-9754	2.07	2.07	ug/Kg	U
98-06-6	tert-Butylbenzene	B2374-9754	0.99	0.99	ug/Kg	U
98-82-8	Isopropylbenzene	B2374-9754	0.65	0.65	ug/Kg	U
99-87-6	4-Isopropyltoluene	B2374-9754	0.81	0.81	ug/Kg	U
100-41-4	Ethylbenzene	B2374-9754	0.44	0.44	ug/Kg	U
100-42-5	Styrene	B2374-9754	0.76	0.76	ug/Kg	U
103-65-1	n-Propylbenzene	B2374-9754	0.74	0.74	ug/Kg	U
104-51-8	n-Butylbenzene	B2374-9754	0.92	0.92	ug/Kg	U
105-05-5	p-Diethylbenzene	B2374-9754	1.02	1.02	ug/Kg	U
106-43-4	4-Chlorotoluene	B2374-9754	1.01	1.01	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	B2374-9754	1.06	1.06	ug/Kg	U
106-93-4	1,2-Dibromoethane	B2374-9754	0.76	0.76	ug/Kg	U
107-06-2	1,2-Dichloroethane	B2374-9754	0.59	0.59	ug/Kg	U
107-13-1	Acrylonitrile	B2374-9754	6.31	6.31	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	B2374-9754	2.00	2.00	ug/Kg	U
108-38-3	m,p-xylene	B2374-9754	1.03	1.03	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	B2374-9754	0.84	0.84	ug/Kg	U
108-86-1	Bromobenzene	B2374-9754	0.83	0.83	ug/Kg	U
108-88-3	Toluene	B2374-9754	0.39	0.39	ug/Kg	U
108-90-7	Chlorobenzene	B2374-9754	0.53	0.53	ug/Kg	U
110-75-8	2-Chloroethylvinylether	B2374-9754	3.49	3.49	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	B2374-9754	1.03	1.03	ug/Kg	U
124-48-1	Dibromochloromethane	B2374-9754	0.74	0.74	ug/Kg	U
127-18-4	Tetrachloroethene	B2374-9754	0.60	0.60	ug/Kg	U
135-98-8	sec-Butylbenzene	B2374-9754	0.85	0.85	ug/Kg	U
142-28-9	1,3-Dichloropropane	B2374-9754	0.56	0.56	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	B2374-9754	0.56	0.56	ug/Kg	U
156-60-5	t-1,2-Dichloroethene	B2374-9754	0.43	0.43	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	B2374-9754	1.02	1.02	ug/Kg	U
563-58-6	1,1-Dichloropropene	B2374-9754	1.08	1.08	ug/Kg	U

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706159-10

Client Sample ID: TP4 (0-2)
Matrix: Soil
Type: Grab
Collected: 06/07/2007 11:35
% Solid: 97.2%
Remarks: See Case Narrative
Analyzed Date: 06/12/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
590-20-7	2,2-Dichloropropane	B2374-9754	0.79	0.79	ug/Kg	U
591-78-6	2-Hexanone	B2374-9754	1.79	1.79	ug/Kg	U
622-96-8	p-Ethyltoluene	B2374-9754	0.95	0.95	ug/Kg	U
630-20-6	1,1,1,2-Tetrachloroethane	B2374-9754	0.81	0.81	ug/Kg	U
994-05-8	TAME	B2374-9754	2.16	2.16	ug/Kg	U
1634-04-4	Methyl t-butyl ether	B2374-9754	0.51	0.51	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	B2374-9754	0.50	0.50	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	B2374-9754	0.50	0.50	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	B2374-9754	99.0 %	(68 - 120)	
460-00-4	4-BROMOFLUOROBENZENE	B2374-9754	101.0 %	(80 - 110)	
4774-33-8	DIBROMOFLUOROMETHANE	B2374-9754	98.1 %	(68 - 156)	
2037-26-5	TOLUENE-D8	B2374-9754	98.6 %	(87 - 113)	

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706159-11
Client Sample ID: TP4 (2-4)
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 06/14/2007

Type: Grab

Collected: 06/07/2007 11:40
% Solid: 95.8%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
67-64-1	Acetone	C2619-4296	307	307	ug/Kg	U
56-23-5	Carbon Tetrachloride	C2619-4296	88.4	88.4	ug/Kg	U
67-66-3	Chloroform	C2619-4296	98.8	98.8	ug/Kg	U
71-43-2	Benzene	C2619-4296	94.9	94.9	ug/Kg	U
71-55-6	1,1,1-Trichloroethane	C2619-4296	93.6	93.6	ug/Kg	U
74-83-9	Bromomethane	C2619-4296	116	116	ug/Kg	U
74-87-3	Chloromethane	C2619-4296	97.5	97.5	ug/Kg	U
74-95-3	Dibromomethane	C2619-4296	89.7	89.7	ug/Kg	U
74-97-5	Bromochloromethane	C2619-4296	89.7	89.7	ug/Kg	U
75-00-3	Chloroethane	C2619-4296	174	174	ug/Kg	U
75-01-4	Vinyl Chloride	C2619-4296	94.9	94.9	ug/Kg	U
75-09-2	Methylene Chloride	C2619-4296	103	103	ug/Kg	U
75-15-0	Carbon disulfide	C2619-4296	96.2	96.2	ug/Kg	U
75-25-2	Bromoform	C2619-4296	87.1	87.1	ug/Kg	U
75-27-4	Bromodichloromethane	C2619-4296	87.1	87.1	ug/Kg	U
75-34-3	1,1-Dichloroethane	C2619-4296	101	101	ug/Kg	U
75-35-4	1,1-Dichloroethene	C2619-4296	101	101	ug/Kg	U
75-45-6	Chlorodifluoromethane	C2619-4296	100	100	ug/Kg	U
75-65-0	Tertiary butyl alcohol	C2619-4296	1190	1190	ug/Kg	U
75-69-4	Trichlorofluoromethane	C2619-4296	89.7	89.7	ug/Kg	U
75-71-8	Dichlorodifluoromethane	C2619-4296	91.0	91.0	ug/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	C2619-4296	79.3	79.3	ug/Kg	U
78-87-5	1,2-Dichloropropane	C2619-4296	84.5	84.5	ug/Kg	U
78-93-3	2-Butanone	C2619-4296	300	300	ug/Kg	U
79-00-5	1,1,2-Trichloroethane	C2619-4296	112	112	ug/Kg	U
79-01-6	Trichloroethene	C2619-4296	89.7	89.7	ug/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	C2619-4296	105	105	ug/Kg	U
87-61-6	1,2,3-Trichlorobenzene	C2619-4296	66.3	66.3	ug/Kg	U
87-68-3	Hexachlorobutadiene	C2619-4296	68.9	68.9	ug/Kg	U
91-20-3	Naphthalene	C2619-4296	80.6	80.6	ug/Kg	U
95-47-6	o-xylene	C2619-4296	88.4	88.4	ug/Kg	U
95-49-8	2-Chlorotoluene	C2619-4296	79.3	79.3	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	C2619-4296	83.2	83.2	ug/Kg	U

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706159-11
Client Sample ID: TP4 (2-4)
Matrix: Soil
Remarks: See Case Narrative
Analyzed Date: 06/14/2007

Type: Grab

Collected: 06/07/2007 11:40
% Solid: 95.8%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
95-63-6	1,2,4-Trimethylbenzene	C2619-4296	70.2	70.2	ug/Kg	U
95-93-2	1,2,4,5-Tetramethylbenzene	C2619-4296	78.0	78.0	ug/Kg	U
96-12-8	1,2-Dibromo-3-chloropropane	C2619-4296	83.2	83.2	ug/Kg	U
96-18-4	1,2,3-Trichloropropane	C2619-4296	140	140	ug/Kg	U
98-06-6	tert-Butylbenzene	C2619-4296	72.8	72.8	ug/Kg	U
98-82-8	Isopropylbenzene	C2619-4296	83.2	83.2	ug/Kg	U
99-87-6	4-Isopropyltoluene	C2619-4296	70.2	70.2	ug/Kg	U
100-41-4	Ethylbenzene	C2619-4296	91.0	91.0	ug/Kg	U
100-42-5	Styrene	C2619-4296	78.0	78.0	ug/Kg	U
103-65-1	n-Propylbenzene	C2619-4296	83.2	83.2	ug/Kg	U
104-51-8	n-Butylbenzene	C2619-4296	75.4	75.4	ug/Kg	U
105-05-5	p-Diethylbenzene	C2619-4296	75.4	**181**	ug/Kg	J
106-43-4	4-Chlorotoluene	C2619-4296	78.0	78.0	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	C2619-4296	85.8	85.8	ug/Kg	U
106-93-4	1,2-Dibromoethane	C2619-4296	92.3	92.3	ug/Kg	U
107-06-2	1,2-Dichloroethane	C2619-4296	91.0	91.0	ug/Kg	U
107-13-1	Acrylonitrile	C2619-4296	592	592	ug/Kg	U
108-10-1	4-Methyl-2-pentanone	C2619-4296	322	322	ug/Kg	U
108-38-3	m,p-xylene	C2619-4296	150	150	ug/Kg	U
108-67-8	1,3,5-Trimethylbenzene	C2619-4296	72.8	72.8	ug/Kg	U
108-86-1	Bromobenzene	C2619-4296	87.1	87.1	ug/Kg	U
108-88-3	Toluene	C2619-4296	71.5	71.5	ug/Kg	U
108-90-7	Chlorobenzene	C2619-4296	91.0	91.0	ug/Kg	U
110-75-8	2-Chloroethylvinylether	C2619-4296	168	168	ug/Kg	U
120-82-1	1,2,4-Trichlorobenzene	C2619-4296	72.8	72.8	ug/Kg	U
124-48-1	Dibromochloromethane	C2619-4296	88.4	88.4	ug/Kg	U
127-18-4	Tetrachloroethene	C2619-4296	81.9	81.9	ug/Kg	U
135-98-8	sec-Butylbenzene	C2619-4296	75.4	**104**	ug/Kg	J
142-28-9	1,3-Dichloropropane	C2619-4296	85.8	85.8	ug/Kg	U
156-59-2	c-1,2-Dichloroethene	C2619-4296	88.4	88.4	ug/Kg	U
156-60-5	t-1,2-Dichloroethene	C2619-4296	87.1	87.1	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	C2619-4296	81.9	81.9	ug/Kg	U
563-58-6	1,1-Dichloropropene	C2619-4296	89.7	89.7	ug/Kg	U

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05/22/2008

Volatiles - EPA 8260B

Sample: 0706159-11
Client Sample ID: TP4 (2-4)
Matrix: Soil
Type: Grab
Collected: 06/07/2007 11:40
% Solid: 95.8%
Remarks: See Case Narrative
Analyzed Date: 06/14/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
590-20-7	2,2-Dichloropropane	C2619-4296	63.7	63.7	ug/Kg	U
591-78-6	2-Hexanone	C2619-4296	287	287	ug/Kg	U
622-96-8	p-Ethyltoluene	C2619-4296	76.7	76.7	ug/Kg	U
630-20-6	1,1,1,2-Tetrachloroethane	C2619-4296	88.4	88.4	ug/Kg	U
994-05-8	TAME	C2619-4296	55.9	55.9	ug/Kg	U
1634-04-4	Methyl t-butyl ether	C2619-4296	96.2	96.2	ug/Kg	U
10061-01-5	c-1,3-Dichloropropene	C2619-4296	68.9	68.9	ug/Kg	U
10061-02-6	t-1,3-Dichloropropene	C2619-4296	83.2	83.2	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	C2619-4296	95.0 %	(70 - 124)	
460-00-4	4-BROMOFLUOROBENZENE	C2619-4296	102.0 %	(74 - 124)	
4774-33-8	DIBROMOFLUOROMETHANE	C2619-4296	118.0 %	(77 - 162)	
2037-26-5	TOLUENE-D8	C2619-4296	96.3 %	(73 - 120)	

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706159-1

Client Sample ID: TP1 (0-2)
Collected: 06/07/2007 08:30
Matrix: Soil
Type: Grab
% Solid: 89.1%
Remarks: See Case Narrative
Analyzed Date: 06/15/2007
Preparation Date(s) : 06/15/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	C1831-4036	18.5	18.5	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	C1831-4036	25.7	25.7	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	C1831-4036	20.9	20.9	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	C1831-4036	25.0	25.0	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	C1831-4036	19.5	19.5	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	C1831-4036	110	110	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	C1831-4036	19.3	19.3	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	C1831-4036	19.5	19.5	ug/Kg	U
120-83-2	2,4-Dichlorophenol	C1831-4036	20.2	20.2	ug/Kg	U
105-67-9	2,4-Dimethylphenol	C1831-4036	30.6	30.6	ug/Kg	U
51-28-5	2,4-Dinitrophenol	C1831-4036	251	251	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	C1831-4036	51.6	51.6	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	C1831-4036	34.9	34.9	ug/Kg	U
91-58-7	2-Chloronaphthalene	C1831-4036	24.9	24.9	ug/Kg	U
95-57-8	2-Chlorophenol	C1831-4036	38.6	38.6	ug/Kg	U
91-57-6	2-Methylnaphthalene	B2200-501	49.6	**8360**	ug/Kg	
95-48-7	2-Methylphenol	C1831-4036	19.1	19.1	ug/Kg	U
88-74-4	2-Nitroaniline	C1831-4036	25.0	25.0	ug/Kg	U
88-75-5	2-Nitrophenol	C1831-4036	23.9	23.9	ug/Kg	U
106-44-5	3+4-Methylphenol	C1831-4036	24.5	24.5	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	C1831-4036	27.2	27.2	ug/Kg	U
99-09-2	3-Nitroaniline	C1831-4036	33.7	33.7	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	C1831-4036	460	460	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	C1831-4036	12.8	12.8	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	C1831-4036	55.1	55.1	ug/Kg	U
106-47-8	4-Chloroaniline	C1831-4036	35.2	35.2	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	C1831-4036	23.9	23.9	ug/Kg	U
100-01-6	4-Nitroaniline	C1831-4036	60.2	60.2	ug/Kg	U
100-02-7	4-Nitrophenol	C1831-4036	74.9	74.9	ug/Kg	U
83-32-9	Acenaphthene	C1831-4036	19.2	**1520**	ug/Kg	
208-96-8	Acenaphthylene	C1831-4036	23.2	23.2	ug/Kg	U
62-53-3	Aniline	C1831-4036	24.8	24.8	ug/Kg	U
120-12-7	Anthracene	C1831-4036	30.6	30.6	ug/Kg	U

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706159-1

Client Sample ID: TP1 (0-2)
Collected: 06/07/2007 08:30
Matrix: Soil
Type: Grab
% Solid: 89.1%
Remarks: See Case Narrative
Analyzed Date: 06/15/2007
Preparation Date(s) : 06/15/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
92-87-5	Benzidine	C1831-4036	470	470	ug/Kg	U
56-55-3	Benzo(a)anthracene	C1831-4036	34.1	**133**	ug/Kg	J
50-32-8	Benzo(a)pyrene	C1831-4036	23.7	**147**	ug/Kg	J
205-99-2	Benzo(b)fluoranthene	C1831-4036	31.8	**83.7**	ug/Kg	J
191-24-2	Benzo(g,h,i)perylene	C1831-4036	36.8	36.8	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	C1831-4036	42.9	**70.4**	ug/Kg	J
65-85-0	Benzoic acid	C1831-4036	2720	2720	ug/Kg	U
100-51-6	Benzyl alcohol	C1831-4036	27.3	27.3	ug/Kg	U
85-68-7	Butyl benzyl phthalate	C1831-4036	29.3	29.3	ug/Kg	U
86-74-8	Carbazole	C1831-4036	72.6	72.6	ug/Kg	U
218-01-9	Chrysene	C1831-4036	35.2	**252**	ug/Kg	J
	Cresols	C1831-4036	196	196	ug/Kg	U
84-74-2	Di-n-butyl phthalate	C1831-4036	39.6	39.6	ug/Kg	U
117-84-0	Di-n-octyl phthalate	C1831-4036	39.6	39.6	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	C1831-4036	35.1	35.1	ug/Kg	U
132-64-9	Dibenzofuran	C1831-4036	26.9	26.9	ug/Kg	U
84-66-2	Diethyl phthalate	C1831-4036	25.1	25.1	ug/Kg	U
131-11-3	Dimethyl phthalate	C1831-4036	21.4	21.4	ug/Kg	U
206-44-0	Fluoranthene	C1831-4036	32.7	**326**	ug/Kg	J
86-73-7	Fluorene	C1831-4036	26.4	**4350**	ug/Kg	
118-74-1	Hexachlorobenzene	C1831-4036	32.1	32.1	ug/Kg	U
87-68-3	Hexachlorobutadiene	C1831-4036	17.2	17.2	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	C1831-4036	7.25	7.25	ug/Kg	U
67-72-1	Hexachloroethane	C1831-4036	25.4	25.4	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	C1831-4036	35.2	35.2	ug/Kg	U
78-59-1	Isophorone	C1831-4036	27.8	27.8	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	C1831-4036	48.0	48.0	ug/Kg	U
62-75-9	N-Nitrosodimethylamine	C1831-4036	53.0	53.0	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	C1831-4036	28.7	28.7	ug/Kg	U
91-20-3	Naphthalene	C1831-4036	25.0	**1230**	ug/Kg	
98-95-3	Nitrobenzene	C1831-4036	20.0	20.0	ug/Kg	U
87-86-5	Pentachlorophenol	C1831-4036	452	452	ug/Kg	U
85-01-8	Phenanthrene	C1831-4036	27.4	**8060**	ug/Kg	

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706159-1

Client Sample ID: TP1 (0-2)
Collected: 06/07/2007 08:30
Matrix: Soil
Type: Grab
% Solid: 89.1%
Remarks: See Case Narrative
Analyzed Date: 06/15/2007
Preparation Date(s) : 06/15/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
108-95-2	Phenol	C1831-4036	45.0	45.0	ug/Kg	U
129-00-0	Pyrene	C1831-4036	34.5	**879**	ug/Kg	
110-86-1	Pyridine	C1831-4036	36.5	36.5	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	C1831-4036	22.2	22.2	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	C1831-4036	25.4	25.4	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	C1831-4036	24.5	24.5	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	C1831-4036	59.7	**640**	ug/Kg	

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	C1831-4036	34.7 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	C1831-4036	31.2 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	C1831-4036	35.0 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	C1831-4036	44.3 %	(23 - 120)	
13127-88-3	PHENOL-D6	C1831-4036	36.6 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	C1831-4036	40.9 %	(18 - 137)	

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706159-2

Client Sample ID: TP1 (2-4)
Collected: 06/07/2007 08:40
Matrix: Soil
Type: Grab
% Solid: 88.4%
Remarks: See Case Narrative
Analyzed Date: 06/19/2007
Preparation Date(s) : 06/19/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	B2200-499	29.9	29.9	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	B2200-499	46.0	46.0	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	B2200-499	45.0	45.0	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	B2200-499	27.1	27.1	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	B2200-499	30.9	30.9	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	B2200-499	69.3	69.3	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	B2200-499	29.4	29.4	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	B2200-499	16.7	16.7	ug/Kg	U
120-83-2	2,4-Dichlorophenol	B2200-499	23.0	23.0	ug/Kg	U
105-67-9	2,4-Dimethylphenol	B2200-499	36.4	36.4	ug/Kg	U
51-28-5	2,4-Dinitrophenol	B2200-499	119	119	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	B2200-499	17.1	17.1	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	B2200-499	29.3	29.3	ug/Kg	U
91-58-7	2-Chloronaphthalene	B2200-499	37.3	37.3	ug/Kg	U
95-57-8	2-Chlorophenol	B2200-499	42.4	42.4	ug/Kg	U
91-57-6	2-Methylnaphthalene	B2200-499	25.0	25.0	ug/Kg	U
95-48-7	2-Methylphenol	B2200-499	39.8	39.8	ug/Kg	U
88-74-4	2-Nitroaniline	B2200-499	35.4	35.4	ug/Kg	U
88-75-5	2-Nitrophenol	B2200-499	26.4	26.4	ug/Kg	U
106-44-5	3+4-Methylphenol	B2200-499	36.9	36.9	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	B2200-499	58.4	58.4	ug/Kg	U
99-09-2	3-Nitroaniline	B2200-499	40.4	40.4	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	B2200-499	364	364	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	B2200-499	37.1	37.1	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	B2200-499	49.8	49.8	ug/Kg	U
106-47-8	4-Chloroaniline	B2200-499	50.2	50.2	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	B2200-499	34.2	34.2	ug/Kg	U
100-01-6	4-Nitroaniline	B2200-499	21.7	21.7	ug/Kg	U
100-02-7	4-Nitrophenol	B2200-499	501	501	ug/Kg	U
83-32-9	Acenaphthene	B2200-499	41.2	41.2	ug/Kg	U
208-96-8	Acenaphthylene	B2200-499	40.3	40.3	ug/Kg	U
62-53-3	Aniline	B2200-499	39.9	39.9	ug/Kg	U
120-12-7	Anthracene	B2200-499	43.9	**111**	ug/Kg	J

Environmental Testing Laboratories, Inc.
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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706159-2

Client Sample ID: TP1 (2-4)
Collected: 06/07/2007 08:40
Matrix: Soil
Type: Grab
% Solid: 88.4%
Remarks: See Case Narrative
Analyzed Date: 06/19/2007
Preparation Date(s) : 06/19/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
92-87-5	Benzidine	B2200-499	669	669	ug/Kg	U
56-55-3	Benzo(a)anthracene	B2200-499	44.3	44.3	ug/Kg	U
50-32-8	Benzo(a)pyrene	B2200-499	38.8	38.8	ug/Kg	U
205-99-2	Benzo(b)fluoranthene	B2200-499	48.0	48.0	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	B2200-499	38.0	38.0	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	B2200-499	45.2	45.2	ug/Kg	U
65-85-0	Benzoic acid	B2200-499	2480	2480	ug/Kg	U
100-51-6	Benzyl alcohol	B2200-499	36.0	36.0	ug/Kg	U
85-68-7	Butyl benzyl phthalate	B2200-499	24.5	24.5	ug/Kg	U
86-74-8	Carbazole	B2200-499	73.1	73.1	ug/Kg	U
218-01-9	Chrysene	B2200-499	49.5	49.5	ug/Kg	U
	Cresols	B2200-499	121	121	ug/Kg	U
84-74-2	Di-n-butyl phthalate	B2200-499	28.2	**48.7**	ug/Kg	J
117-84-0	Di-n-octyl phthalate	B2200-499	43.8	43.8	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	B2200-499	36.4	36.4	ug/Kg	U
132-64-9	Dibenzofuran	B2200-499	41.0	41.0	ug/Kg	U
84-66-2	Diethyl phthalate	B2200-499	28.5	28.5	ug/Kg	U
131-11-3	Dimethyl phthalate	B2200-499	21.3	21.3	ug/Kg	U
206-44-0	Fluoranthene	B2200-499	38.9	38.9	ug/Kg	U
86-73-7	Fluorene	B2200-499	34.8	34.8	ug/Kg	U
118-74-1	Hexachlorobenzene	B2200-499	30.4	30.4	ug/Kg	U
87-68-3	Hexachlorobutadiene	B2200-499	27.8	27.8	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	B2200-499	333	333	ug/Kg	U
67-72-1	Hexachloroethane	B2200-499	53.3	53.3	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	B2200-499	38.7	38.7	ug/Kg	U
78-59-1	Isophorone	B2200-499	32.9	32.9	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	B2200-499	30.9	30.9	ug/Kg	U
62-75-9	N-Nitrosodimethylamine	B2200-499	55.7	55.7	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	B2200-499	38.0	38.0	ug/Kg	U
91-20-3	Naphthalene	B2200-499	35.2	35.2	ug/Kg	U
98-95-3	Nitrobenzene	B2200-499	28.5	28.5	ug/Kg	U
87-86-5	Pentachlorophenol	B2200-499	551	551	ug/Kg	U
85-01-8	Phenanthrene	B2200-499	43.7	**203**	ug/Kg	J

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706159-2

Client Sample ID: TP1 (2-4)
Collected: 06/07/2007 08:40
Matrix: Soil
Type: Grab
% Solid: 88.4%
Remarks: See Case Narrative
Analyzed Date: 06/19/2007
Preparation Date(s) : 06/19/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
108-95-2	Phenol	B2200-499	542	542	ug/Kg	U
129-00-0	Pyrene	B2200-499	28.3	**66.9**	ug/Kg	J
110-86-1	Pyridine	B2200-499	346	346	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	B2200-499	38.7	38.7	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	B2200-499	36.4	36.4	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	B2200-499	33.4	33.4	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	B2200-499	66.4	66.4	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	B2200-499	54.7 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	B2200-499	57.9 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	B2200-499	59.2 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	B2200-499	56.8 %	(23 - 120)	
13127-88-3	PHENOL-D6	B2200-499	65.3 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	B2200-499	56.4 %	(18 - 137)	

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706159-4

Client Sample ID: TP2 (0-2)
Collected: 06/07/2007 09:05
Matrix: Soil
Type: Grab
% Solid: 91.2%
Remarks: See Case Narrative
Analyzed Date: 06/19/2007
Preparation Date(s) : 06/19/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	B2200-500	28.9	28.9	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	B2200-500	44.6	44.6	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	B2200-500	43.6	43.6	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	B2200-500	26.3	26.3	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	B2200-500	29.9	29.9	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	B2200-500	67.2	67.2	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	B2200-500	28.5	28.5	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	B2200-500	16.2	16.2	ug/Kg	U
120-83-2	2,4-Dichlorophenol	B2200-500	22.3	22.3	ug/Kg	U
105-67-9	2,4-Dimethylphenol	B2200-500	35.3	35.3	ug/Kg	U
51-28-5	2,4-Dinitrophenol	B2200-500	115	115	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	B2200-500	16.6	16.6	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	B2200-500	28.4	28.4	ug/Kg	U
91-58-7	2-Chloronaphthalene	B2200-500	36.2	36.2	ug/Kg	U
95-57-8	2-Chlorophenol	B2200-500	41.1	41.1	ug/Kg	U
91-57-6	2-Methylnaphthalene	B2200-500	24.2	**33.5**	ug/Kg	J
95-48-7	2-Methylphenol	B2200-500	38.6	38.6	ug/Kg	U
88-74-4	2-Nitroaniline	B2200-500	34.3	34.3	ug/Kg	U
88-75-5	2-Nitrophenol	B2200-500	25.5	25.5	ug/Kg	U
106-44-5	3+4-Methylphenol	B2200-500	35.7	35.7	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	B2200-500	56.6	56.6	ug/Kg	U
99-09-2	3-Nitroaniline	B2200-500	39.1	39.1	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	B2200-500	353	353	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	B2200-500	36.0	36.0	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	B2200-500	48.2	48.2	ug/Kg	U
106-47-8	4-Chloroaniline	B2200-500	48.7	48.7	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	B2200-500	33.1	33.1	ug/Kg	U
100-01-6	4-Nitroaniline	B2200-500	21.1	21.1	ug/Kg	U
100-02-7	4-Nitrophenol	B2200-500	486	486	ug/Kg	U
83-32-9	Acenaphthene	B2200-500	39.9	39.9	ug/Kg	U
208-96-8	Acenaphthylene	B2200-500	39.0	39.0	ug/Kg	U
62-53-3	Aniline	B2200-500	38.7	38.7	ug/Kg	U
120-12-7	Anthracene	B2200-500	42.5	**78.1**	ug/Kg	J

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706159-4

Client Sample ID: TP2 (0-2)
Collected: 06/07/2007 09:05
Matrix: Soil
Type: Grab
% Solid: 91.2%
Remarks: See Case Narrative
Analyzed Date: 06/19/2007
Preparation Date(s) : 06/19/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
92-87-5	Benzidine	B2200-500	648	648	ug/Kg	U
56-55-3	Benzo(a)anthracene	B2200-500	43.0	**211**	ug/Kg	J
50-32-8	Benzo(a)pyrene	B2200-500	37.6	**199**	ug/Kg	J
205-99-2	Benzo(b)fluoranthene	B2200-500	46.5	**216**	ug/Kg	J
191-24-2	Benzo(g,h,i)perylene	B2200-500	36.8	**125**	ug/Kg	J
207-08-9	Benzo(k)fluoranthene	B2200-500	43.9	**177**	ug/Kg	J
65-85-0	Benzoic acid	B2200-500	2400	2400	ug/Kg	U
100-51-6	Benzyl alcohol	B2200-500	34.9	34.9	ug/Kg	U
85-68-7	Butyl benzyl phthalate	B2200-500	23.8	23.8	ug/Kg	U
86-74-8	Carbazole	B2200-500	70.8	70.8	ug/Kg	U
218-01-9	Chrysene	B2200-500	48.0	**261**	ug/Kg	J
	Cresols	B2200-500	117	117	ug/Kg	U
84-74-2	Di-n-butyl phthalate	B2200-500	27.3	**40.4**	ug/Kg	J
117-84-0	Di-n-octyl phthalate	B2200-500	42.4	42.4	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	B2200-500	35.3	35.3	ug/Kg	U
132-64-9	Dibenzofuran	B2200-500	39.7	39.7	ug/Kg	U
84-66-2	Diethyl phthalate	B2200-500	27.6	27.6	ug/Kg	U
131-11-3	Dimethyl phthalate	B2200-500	20.6	20.6	ug/Kg	U
206-44-0	Fluoranthene	B2200-500	37.7	**320**	ug/Kg	J
86-73-7	Fluorene	B2200-500	33.8	**49.2**	ug/Kg	J
118-74-1	Hexachlorobenzene	B2200-500	29.5	29.5	ug/Kg	U
87-68-3	Hexachlorobutadiene	B2200-500	27.0	27.0	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	B2200-500	322	322	ug/Kg	U
67-72-1	Hexachloroethane	B2200-500	51.6	51.6	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	B2200-500	37.5	**127**	ug/Kg	J
78-59-1	Isophorone	B2200-500	31.9	31.9	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	B2200-500	29.9	29.9	ug/Kg	U
62-75-9	N-Nitrosodimethylamine	B2200-500	53.9	53.9	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	B2200-500	36.8	36.8	ug/Kg	U
91-20-3	Naphthalene	B2200-500	34.1	34.1	ug/Kg	U
98-95-3	Nitrobenzene	B2200-500	27.6	27.6	ug/Kg	U
87-86-5	Pentachlorophenol	B2200-500	534	534	ug/Kg	U
85-01-8	Phenanthrene	B2200-500	42.3	**141**	ug/Kg	J

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706159-4

Client Sample ID: TP2 (0-2)
Collected: 06/07/2007 09:05
Matrix: Soil
Type: Grab
% Solid: 91.2%
Remarks: See Case Narrative
Analyzed Date: 06/19/2007
Preparation Date(s) : 06/19/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
108-95-2	Phenol	B2200-500	525	525	ug/Kg	U
129-00-0	Pyrene	B2200-500	27.4	**339**	ug/Kg	J
110-86-1	Pyridine	B2200-500	336	336	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	B2200-500	37.5	37.5	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	B2200-500	35.3	35.3	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	B2200-500	32.3	32.3	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	B2200-500	64.4	64.4	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	B2200-500	48.3 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	B2200-500	51.6 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	B2200-500	55.7 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	B2200-500	52.6 %	(23 - 120)	
13127-88-3	PHENOL-D6	B2200-500	60.7 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	B2200-500	53.4 %	(18 - 137)	

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706159-5

Client Sample ID: TP2 (2-4)
Collected: 06/07/2007 09:10
Matrix: Soil
Type: Grab
% Solid: 83.8%
Remarks:
Analyzed Date: 06/15/2007
Preparation Date(s) : 06/15/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	C1831-4039	19.7	19.7	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	C1831-4039	27.3	27.3	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	C1831-4039	22.2	22.2	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	C1831-4039	26.6	26.6	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	C1831-4039	20.8	20.8	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	C1831-4039	117	117	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	C1831-4039	20.5	20.5	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	C1831-4039	20.8	20.8	ug/Kg	U
120-83-2	2,4-Dichlorophenol	C1831-4039	21.5	21.5	ug/Kg	U
105-67-9	2,4-Dimethylphenol	C1831-4039	32.6	32.6	ug/Kg	U
51-28-5	2,4-Dinitrophenol	C1831-4039	267	267	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	C1831-4039	54.9	54.9	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	C1831-4039	37.1	37.1	ug/Kg	U
91-58-7	2-Chloronaphthalene	C1831-4039	26.5	26.5	ug/Kg	U
95-57-8	2-Chlorophenol	C1831-4039	41.1	41.1	ug/Kg	U
91-57-6	2-Methylnaphthalene	C1831-4039	27.9	27.9	ug/Kg	U
95-48-7	2-Methylphenol	C1831-4039	20.3	20.3	ug/Kg	U
88-74-4	2-Nitroaniline	C1831-4039	26.6	26.6	ug/Kg	U
88-75-5	2-Nitrophenol	C1831-4039	25.4	25.4	ug/Kg	U
106-44-5	3+4-Methylphenol	C1831-4039	26.0	26.0	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	C1831-4039	28.9	28.9	ug/Kg	U
99-09-2	3-Nitroaniline	C1831-4039	35.8	35.8	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	C1831-4039	489	489	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	C1831-4039	13.6	13.6	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	C1831-4039	58.6	58.6	ug/Kg	U
106-47-8	4-Chloroaniline	C1831-4039	37.5	37.5	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	C1831-4039	25.4	25.4	ug/Kg	U
100-01-6	4-Nitroaniline	C1831-4039	64.0	64.0	ug/Kg	U
100-02-7	4-Nitrophenol	C1831-4039	79.6	79.6	ug/Kg	U
83-32-9	Acenaphthene	C1831-4039	20.4	**214**	ug/Kg	J
208-96-8	Acenaphthylene	C1831-4039	24.7	24.7	ug/Kg	U
62-53-3	Aniline	C1831-4039	26.4	26.4	ug/Kg	U
120-12-7	Anthracene	C1831-4039	32.6	32.6	ug/Kg	U

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706159-5

Client Sample ID: TP2 (2-4)
Collected: 06/07/2007 09:10
Matrix: Soil
Type: Grab
% Solid: 83.8%
Remarks:
Analyzed Date: 06/15/2007
Preparation Date(s) : 06/15/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
92-87-5	Benzidine	C1831-4039	500	500	ug/Kg	U
56-55-3	Benzo(a)anthracene	C1831-4039	36.3	36.3	ug/Kg	U
50-32-8	Benzo(a)pyrene	C1831-4039	25.2	25.2	ug/Kg	U
205-99-2	Benzo(b)fluoranthene	C1831-4039	33.8	33.8	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	C1831-4039	39.1	39.1	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	C1831-4039	45.6	45.6	ug/Kg	U
65-85-0	Benzoic acid	C1831-4039	2890	2890	ug/Kg	U
100-51-6	Benzyl alcohol	C1831-4039	29.0	29.0	ug/Kg	U
85-68-7	Butyl benzyl phthalate	C1831-4039	31.1	31.1	ug/Kg	U
86-74-8	Carbazole	C1831-4039	77.2	77.2	ug/Kg	U
218-01-9	Chrysene	C1831-4039	37.5	37.5	ug/Kg	U
	Cresols	C1831-4039	46.3	46.3	ug/Kg	U
84-74-2	Di-n-butyl phthalate	C1831-4039	42.1	42.1	ug/Kg	U
117-84-0	Di-n-octyl phthalate	C1831-4039	42.1	42.1	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	C1831-4039	37.4	37.4	ug/Kg	U
132-64-9	Dibenzofuran	C1831-4039	28.6	28.6	ug/Kg	U
84-66-2	Diethyl phthalate	C1831-4039	26.7	26.7	ug/Kg	U
131-11-3	Dimethyl phthalate	C1831-4039	22.8	22.8	ug/Kg	U
206-44-0	Fluoranthene	C1831-4039	34.7	34.7	ug/Kg	U
86-73-7	Fluorene	C1831-4039	28.0	**331**	ug/Kg	J
118-74-1	Hexachlorobenzene	C1831-4039	34.1	34.1	ug/Kg	U
87-68-3	Hexachlorobutadiene	C1831-4039	18.3	18.3	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	C1831-4039	7.71	7.71	ug/Kg	U
67-72-1	Hexachloroethane	C1831-4039	27.0	27.0	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	C1831-4039	37.5	37.5	ug/Kg	U
78-59-1	Isophorone	C1831-4039	29.6	29.6	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	C1831-4039	51.1	51.1	ug/Kg	U
62-75-9	N-Nitrosodimethylamine	C1831-4039	56.3	56.3	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	C1831-4039	30.5	30.5	ug/Kg	U
91-20-3	Naphthalene	C1831-4039	26.6	26.6	ug/Kg	U
98-95-3	Nitrobenzene	C1831-4039	21.2	21.2	ug/Kg	U
87-86-5	Pentachlorophenol	C1831-4039	481	481	ug/Kg	U
85-01-8	Phenanthrene	C1831-4039	29.1	29.1	ug/Kg	U

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706159-5

Client Sample ID: TP2 (2-4)
Collected: 06/07/2007 09:10
Matrix: Soil
Type: Grab
% Solid: 83.8%
Remarks:
Analyzed Date: 06/15/2007
Preparation Date(s) : 06/15/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
108-95-2	Phenol	C1831-4039	47.9	47.9	ug/Kg	U
129-00-0	Pyrene	C1831-4039	36.6	36.6	ug/Kg	U
110-86-1	Pyridine	C1831-4039	38.8	38.8	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	C1831-4039	23.6	23.6	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	C1831-4039	27.0	27.0	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	C1831-4039	26.0	26.0	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	C1831-4039	63.5	63.5	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	C1831-4039	57.1 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	C1831-4039	51.1 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	C1831-4039	51.7 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	C1831-4039	50.9 %	(23 - 120)	
13127-88-3	PHENOL-D6	C1831-4039	54.7 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	C1831-4039	57.3 %	(18 - 137)	

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706159-7

Client Sample ID: TP3 (0-2)
Collected: 06/07/2007 10:20
Matrix: Soil
Type: Grab
% Solid: 84.3%
Remarks:
Analyzed Date: 06/15/2007
Preparation Date(s) : 06/15/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	C1831-4040	19.6	19.6	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	C1831-4040	27.2	27.2	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	C1831-4040	22.1	22.1	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	C1831-4040	26.5	26.5	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	C1831-4040	20.6	20.6	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	C1831-4040	117	117	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	C1831-4040	20.4	20.4	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	C1831-4040	20.6	20.6	ug/Kg	U
120-83-2	2,4-Dichlorophenol	C1831-4040	21.4	21.4	ug/Kg	U
105-67-9	2,4-Dimethylphenol	C1831-4040	32.4	32.4	ug/Kg	U
51-28-5	2,4-Dinitrophenol	C1831-4040	266	266	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	C1831-4040	54.6	54.6	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	C1831-4040	36.9	36.9	ug/Kg	U
91-58-7	2-Chloronaphthalene	C1831-4040	26.3	26.3	ug/Kg	U
95-57-8	2-Chlorophenol	C1831-4040	40.8	40.8	ug/Kg	U
91-57-6	2-Methylnaphthalene	C1831-4040	27.8	27.8	ug/Kg	U
95-48-7	2-Methylphenol	C1831-4040	20.2	20.2	ug/Kg	U
88-74-4	2-Nitroaniline	C1831-4040	26.5	26.5	ug/Kg	U
88-75-5	2-Nitrophenol	C1831-4040	25.3	25.3	ug/Kg	U
106-44-5	3+4-Methylphenol	C1831-4040	25.9	25.9	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	C1831-4040	28.7	28.7	ug/Kg	U
99-09-2	3-Nitroaniline	C1831-4040	35.6	35.6	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	C1831-4040	486	486	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	C1831-4040	13.5	13.5	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	C1831-4040	58.2	58.2	ug/Kg	U
106-47-8	4-Chloroaniline	C1831-4040	37.2	37.2	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	C1831-4040	25.3	25.3	ug/Kg	U
100-01-6	4-Nitroaniline	C1831-4040	63.6	63.6	ug/Kg	U
100-02-7	4-Nitrophenol	C1831-4040	79.1	79.1	ug/Kg	U
83-32-9	Acenaphthene	C1831-4040	20.3	**294**	ug/Kg	J
208-96-8	Acenaphthylene	C1831-4040	24.6	24.6	ug/Kg	U
62-53-3	Aniline	C1831-4040	26.2	26.2	ug/Kg	U
120-12-7	Anthracene	C1831-4040	32.4	32.4	ug/Kg	U

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706159-7

Client Sample ID: TP3 (0-2)
Collected: 06/07/2007 10:20
Matrix: Soil
Type: Grab
% Solid: 84.3%
Remarks:
Analyzed Date: 06/15/2007
Preparation Date(s) : 06/15/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
92-87-5	Benzidine	C1831-4040	497	497	ug/Kg	U
56-55-3	Benzo(a)anthracene	C1831-4040	36.1	36.1	ug/Kg	U
50-32-8	Benzo(a)pyrene	C1831-4040	25.0	25.0	ug/Kg	U
205-99-2	Benzo(b)fluoranthene	C1831-4040	33.6	33.6	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	C1831-4040	38.9	38.9	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	C1831-4040	45.3	45.3	ug/Kg	U
65-85-0	Benzoic acid	C1831-4040	2870	2870	ug/Kg	U
100-51-6	Benzyl alcohol	C1831-4040	28.8	28.8	ug/Kg	U
85-68-7	Butyl benzyl phthalate	C1831-4040	31.0	31.0	ug/Kg	U
86-74-8	Carbazole	C1831-4040	76.7	76.7	ug/Kg	U
218-01-9	Chrysene	C1831-4040	37.2	37.2	ug/Kg	U
	Cresols	C1831-4040	46.1	46.1	ug/Kg	U
84-74-2	Di-n-butyl phthalate	C1831-4040	41.9	41.9	ug/Kg	U
117-84-0	Di-n-octyl phthalate	C1831-4040	41.9	41.9	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	C1831-4040	37.1	37.1	ug/Kg	U
132-64-9	Dibenzofuran	C1831-4040	28.5	**211**	ug/Kg	J
84-66-2	Diethyl phthalate	C1831-4040	26.6	26.6	ug/Kg	U
131-11-3	Dimethyl phthalate	C1831-4040	22.7	22.7	ug/Kg	U
206-44-0	Fluoranthene	C1831-4040	34.5	34.5	ug/Kg	U
86-73-7	Fluorene	C1831-4040	27.9	**568**	ug/Kg	J
118-74-1	Hexachlorobenzene	C1831-4040	33.9	33.9	ug/Kg	U
87-68-3	Hexachlorobutadiene	C1831-4040	18.1	18.1	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	C1831-4040	7.66	7.66	ug/Kg	U
67-72-1	Hexachloroethane	C1831-4040	26.8	26.8	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	C1831-4040	37.2	37.2	ug/Kg	U
78-59-1	Isophorone	C1831-4040	29.4	29.4	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	C1831-4040	50.8	50.8	ug/Kg	U
62-75-9	N-Nitrosodimethylamine	C1831-4040	56.0	56.0	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	C1831-4040	30.4	30.4	ug/Kg	U
91-20-3	Naphthalene	C1831-4040	26.5	26.5	ug/Kg	U
98-95-3	Nitrobenzene	C1831-4040	21.1	21.1	ug/Kg	U
87-86-5	Pentachlorophenol	C1831-4040	478	478	ug/Kg	U
85-01-8	Phenanthrene	C1831-4040	28.9	**1170**	ug/Kg	

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706159-7

Client Sample ID: TP3 (0-2)
Collected: 06/07/2007 10:20
Matrix: Soil
Type: Grab
% Solid: 84.3%
Remarks:
Analyzed Date: 06/15/2007
Preparation Date(s) : 06/15/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
108-95-2	Phenol	C1831-4040	47.6	47.6	ug/Kg	U
129-00-0	Pyrene	C1831-4040	36.4	**203**	ug/Kg	J
110-86-1	Pyridine	C1831-4040	38.6	38.6	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	C1831-4040	23.5	23.5	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	C1831-4040	26.8	26.8	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	C1831-4040	25.9	25.9	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	C1831-4040	63.1	63.1	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	C1831-4040	57.6 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	C1831-4040	50.3 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	C1831-4040	56.5 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	C1831-4040	57.4 %	(23 - 120)	
13127-88-3	PHENOL-D6	C1831-4040	60.0 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	C1831-4040	54.1 %	(18 - 137)	

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706159-8

Client Sample ID: TP3 (2-4)
Collected: 06/07/2007 10:25
Matrix: Soil
Type: Grab
% Solid: 98.8%
Remarks:
Analyzed Date: 06/15/2007
Preparation Date(s) : 06/15/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	C1831-4041	16.7	16.7	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	C1831-4041	23.2	23.2	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	C1831-4041	18.8	18.8	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	C1831-4041	22.6	22.6	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	C1831-4041	17.6	17.6	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	C1831-4041	99.5	99.5	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	C1831-4041	17.4	17.4	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	C1831-4041	17.6	17.6	ug/Kg	U
120-83-2	2,4-Dichlorophenol	C1831-4041	18.2	18.2	ug/Kg	U
105-67-9	2,4-Dimethylphenol	C1831-4041	27.6	27.6	ug/Kg	U
51-28-5	2,4-Dinitrophenol	C1831-4041	227	227	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	C1831-4041	46.6	46.6	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	C1831-4041	31.5	31.5	ug/Kg	U
91-58-7	2-Chloronaphthalene	C1831-4041	22.5	22.5	ug/Kg	U
95-57-8	2-Chlorophenol	C1831-4041	34.8	34.8	ug/Kg	U
91-57-6	2-Methylnaphthalene	C1831-4041	23.7	23.7	ug/Kg	U
95-48-7	2-Methylphenol	C1831-4041	17.2	17.2	ug/Kg	U
88-74-4	2-Nitroaniline	C1831-4041	22.6	22.6	ug/Kg	U
88-75-5	2-Nitrophenol	C1831-4041	21.6	21.6	ug/Kg	U
106-44-5	3+4-Methylphenol	C1831-4041	22.1	22.1	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	C1831-4041	24.5	24.5	ug/Kg	U
99-09-2	3-Nitroaniline	C1831-4041	30.4	30.4	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	C1831-4041	415	415	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	C1831-4041	11.5	11.5	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	C1831-4041	49.7	49.7	ug/Kg	U
106-47-8	4-Chloroaniline	C1831-4041	31.8	31.8	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	C1831-4041	21.6	21.6	ug/Kg	U
100-01-6	4-Nitroaniline	C1831-4041	54.3	54.3	ug/Kg	U
100-02-7	4-Nitrophenol	C1831-4041	67.5	67.5	ug/Kg	U
83-32-9	Acenaphthene	C1831-4041	17.3	**118**	ug/Kg	J
208-96-8	Acenaphthylene	C1831-4041	21.0	21.0	ug/Kg	U
62-53-3	Aniline	C1831-4041	22.4	22.4	ug/Kg	U
120-12-7	Anthracene	C1831-4041	27.6	27.6	ug/Kg	U

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706159-8

Client Sample ID: TP3 (2-4)
Collected: 06/07/2007 10:25
Matrix: Soil
Type: Grab
% Solid: 98.8%
Remarks:
Analyzed Date: 06/15/2007
Preparation Date(s) : 06/15/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
92-87-5	Benzidine	C1831-4041	424	424	ug/Kg	U
56-55-3	Benzo(a)anthracene	C1831-4041	30.8	30.8	ug/Kg	U
50-32-8	Benzo(a)pyrene	C1831-4041	21.4	21.4	ug/Kg	U
205-99-2	Benzo(b)fluoranthene	C1831-4041	28.6	28.6	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	C1831-4041	33.2	33.2	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	C1831-4041	38.7	38.7	ug/Kg	U
65-85-0	Benzoic acid	C1831-4041	2450	2450	ug/Kg	U
100-51-6	Benzyl alcohol	C1831-4041	24.6	24.6	ug/Kg	U
85-68-7	Butyl benzyl phthalate	C1831-4041	26.4	26.4	ug/Kg	U
86-74-8	Carbazole	C1831-4041	65.5	65.5	ug/Kg	U
218-01-9	Chrysene	C1831-4041	31.8	31.8	ug/Kg	U
	Cresols	C1831-4041	39.3	39.3	ug/Kg	U
84-74-2	Di-n-butyl phthalate	C1831-4041	35.7	35.7	ug/Kg	U
117-84-0	Di-n-octyl phthalate	C1831-4041	35.7	35.7	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	C1831-4041	31.7	31.7	ug/Kg	U
132-64-9	Dibenzofuran	C1831-4041	24.3	**84.2**	ug/Kg	J
84-66-2	Diethyl phthalate	C1831-4041	22.7	22.7	ug/Kg	U
131-11-3	Dimethyl phthalate	C1831-4041	19.3	19.3	ug/Kg	U
206-44-0	Fluoranthene	C1831-4041	29.5	29.5	ug/Kg	U
86-73-7	Fluorene	C1831-4041	23.8	23.8	ug/Kg	U
118-74-1	Hexachlorobenzene	C1831-4041	28.9	28.9	ug/Kg	U
87-68-3	Hexachlorobutadiene	C1831-4041	15.5	15.5	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	C1831-4041	6.54	6.54	ug/Kg	U
67-72-1	Hexachloroethane	C1831-4041	22.9	22.9	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	C1831-4041	31.8	31.8	ug/Kg	U
78-59-1	Isophorone	C1831-4041	25.1	25.1	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	C1831-4041	43.3	43.3	ug/Kg	U
62-75-9	N-Nitrosodimethylamine	C1831-4041	47.8	47.8	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	C1831-4041	25.9	25.9	ug/Kg	U
91-20-3	Naphthalene	C1831-4041	22.6	22.6	ug/Kg	U
98-95-3	Nitrobenzene	C1831-4041	18.0	18.0	ug/Kg	U
87-86-5	Pentachlorophenol	C1831-4041	408	408	ug/Kg	U
85-01-8	Phenanthrene	C1831-4041	24.7	**108**	ug/Kg	J

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706159-8

Client Sample ID: TP3 (2-4)
Collected: 06/07/2007 10:25
Matrix: Soil
Type: Grab
% Solid: 98.8%
Remarks:
Analyzed Date: 06/15/2007
Preparation Date(s) : 06/15/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
108-95-2	Phenol	C1831-4041	40.6	40.6	ug/Kg	U
129-00-0	Pyrene	C1831-4041	31.1	**143**	ug/Kg	J
110-86-1	Pyridine	C1831-4041	32.9	32.9	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	C1831-4041	20.0	20.0	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	C1831-4041	22.9	22.9	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	C1831-4041	22.1	22.1	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	C1831-4041	53.8	53.8	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	C1831-4041	64.6 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	C1831-4041	60.3 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	C1831-4041	73.3 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	C1831-4041	68.5 %	(23 - 120)	
13127-88-3	PHENOL-D6	C1831-4041	76.6 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	C1831-4041	62.6 %	(18 - 137)	

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706159-10

Client Sample ID: TP4 (0-2)
Collected: 06/07/2007 11:35
Matrix: Soil
Type: Grab
% Solid: 97.2%
Remarks:
Analyzed Date: 06/15/2007
Preparation Date(s) : 06/15/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	C1831-4042	17.0	17.0	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	C1831-4042	23.6	23.6	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	C1831-4042	19.1	19.1	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	C1831-4042	22.9	22.9	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	C1831-4042	17.9	17.9	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	C1831-4042	101	101	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	C1831-4042	17.7	17.7	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	C1831-4042	17.9	17.9	ug/Kg	U
120-83-2	2,4-Dichlorophenol	C1831-4042	18.5	18.5	ug/Kg	U
105-67-9	2,4-Dimethylphenol	C1831-4042	28.1	28.1	ug/Kg	U
51-28-5	2,4-Dinitrophenol	C1831-4042	230	230	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	C1831-4042	47.3	47.3	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	C1831-4042	32.0	32.0	ug/Kg	U
91-58-7	2-Chloronaphthalene	C1831-4042	22.8	22.8	ug/Kg	U
95-57-8	2-Chlorophenol	C1831-4042	35.4	35.4	ug/Kg	U
91-57-6	2-Methylnaphthalene	C1831-4042	24.1	**135**	ug/Kg	J
95-48-7	2-Methylphenol	C1831-4042	17.5	17.5	ug/Kg	U
88-74-4	2-Nitroaniline	C1831-4042	22.9	22.9	ug/Kg	U
88-75-5	2-Nitrophenol	C1831-4042	21.9	21.9	ug/Kg	U
106-44-5	3+4-Methylphenol	C1831-4042	22.4	22.4	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	C1831-4042	24.9	24.9	ug/Kg	U
99-09-2	3-Nitroaniline	C1831-4042	30.9	30.9	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	C1831-4042	422	422	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	C1831-4042	11.7	11.7	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	C1831-4042	50.5	50.5	ug/Kg	U
106-47-8	4-Chloroaniline	C1831-4042	32.3	32.3	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	C1831-4042	21.9	21.9	ug/Kg	U
100-01-6	4-Nitroaniline	C1831-4042	55.1	55.1	ug/Kg	U
100-02-7	4-Nitrophenol	C1831-4042	68.6	68.6	ug/Kg	U
83-32-9	Acenaphthene	C1831-4042	17.6	**166**	ug/Kg	J
208-96-8	Acenaphthylene	C1831-4042	21.3	21.3	ug/Kg	U
62-53-3	Aniline	C1831-4042	22.7	22.7	ug/Kg	U
120-12-7	Anthracene	C1831-4042	28.1	28.1	ug/Kg	U

Environmental Testing Laboratories, Inc.
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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706159-10

Client Sample ID: TP4 (0-2)
Collected: 06/07/2007 11:35
Matrix: Soil
Type: Grab
% Solid: 97.2%
Remarks:
Analyzed Date: 06/15/2007
Preparation Date(s) : 06/15/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
92-87-5	Benzidine	C1831-4042	431	431	ug/Kg	U
56-55-3	Benzo(a)anthracene	C1831-4042	31.3	31.3	ug/Kg	U
50-32-8	Benzo(a)pyrene	C1831-4042	21.7	21.7	ug/Kg	U
205-99-2	Benzo(b)fluoranthene	C1831-4042	29.1	29.1	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	C1831-4042	33.7	33.7	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	C1831-4042	39.3	39.3	ug/Kg	U
65-85-0	Benzoic acid	C1831-4042	2490	2490	ug/Kg	U
100-51-6	Benzyl alcohol	C1831-4042	25.0	25.0	ug/Kg	U
85-68-7	Butyl benzyl phthalate	C1831-4042	26.9	26.9	ug/Kg	U
86-74-8	Carbazole	C1831-4042	66.6	66.6	ug/Kg	U
218-01-9	Chrysene	C1831-4042	32.3	32.3	ug/Kg	U
	Cresols	C1831-4042	39.9	39.9	ug/Kg	U
84-74-2	Di-n-butyl phthalate	C1831-4042	36.3	36.3	ug/Kg	U
117-84-0	Di-n-octyl phthalate	C1831-4042	36.3	36.3	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	C1831-4042	32.2	32.2	ug/Kg	U
132-64-9	Dibenzofuran	C1831-4042	24.7	24.7	ug/Kg	U
84-66-2	Diethyl phthalate	C1831-4042	23.0	23.0	ug/Kg	U
131-11-3	Dimethyl phthalate	C1831-4042	19.7	19.7	ug/Kg	U
206-44-0	Fluoranthene	C1831-4042	29.9	29.9	ug/Kg	U
86-73-7	Fluorene	C1831-4042	24.2	**365**	ug/Kg	J
118-74-1	Hexachlorobenzene	C1831-4042	29.4	29.4	ug/Kg	U
87-68-3	Hexachlorobutadiene	C1831-4042	15.7	15.7	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	C1831-4042	6.65	6.65	ug/Kg	U
67-72-1	Hexachloroethane	C1831-4042	23.3	23.3	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	C1831-4042	32.3	32.3	ug/Kg	U
78-59-1	Isophorone	C1831-4042	25.5	25.5	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	C1831-4042	44.0	44.0	ug/Kg	U
62-75-9	N-Nitrosodimethylamine	C1831-4042	48.6	48.6	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	C1831-4042	26.3	26.3	ug/Kg	U
91-20-3	Naphthalene	C1831-4042	22.9	22.9	ug/Kg	U
98-95-3	Nitrobenzene	C1831-4042	18.3	18.3	ug/Kg	U
87-86-5	Pentachlorophenol	C1831-4042	415	415	ug/Kg	U
85-01-8	Phenanthrene	C1831-4042	25.1	**767**	ug/Kg	

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706159-10

Client Sample ID: TP4 (0-2)
Collected: 06/07/2007 11:35
Matrix: Soil
Type: Grab
% Solid: 97.2%
Remarks:
Analyzed Date: 06/15/2007
Preparation Date(s) : 06/15/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
108-95-2	Phenol	C1831-4042	41.3	41.3	ug/Kg	U
129-00-0	Pyrene	C1831-4042	31.6	31.6	ug/Kg	U
110-86-1	Pyridine	C1831-4042	33.4	33.4	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	C1831-4042	20.4	20.4	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	C1831-4042	23.3	23.3	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	C1831-4042	22.4	22.4	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	C1831-4042	54.7	54.7	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	C1831-4042	61.1 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	C1831-4042	61.6 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	C1831-4042	65.0 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	C1831-4042	64.6 %	(23 - 120)	
13127-88-3	PHENOL-D6	C1831-4042	69.1 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	C1831-4042	67.9 %	(18 - 137)	

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706159-11

Client Sample ID: TP4 (2-4)
Collected: 06/07/2007 11:40
Matrix: Soil
Type: Grab
% Solid: 95.8%
Remarks:
Analyzed Date: 06/15/2007
Preparation Date(s) : 06/15/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
120-82-1	1,2,4-Trichlorobenzene	C1831-4043	17.2	17.2	ug/Kg	U
95-50-1	1,2-Dichlorobenzene	C1831-4043	23.9	23.9	ug/Kg	U
122-66-7	1,2-Diphenylhydrazine	C1831-4043	19.4	19.4	ug/Kg	U
541-73-1	1,3-Dichlorobenzene	C1831-4043	23.3	23.3	ug/Kg	U
106-46-7	1,4-Dichlorobenzene	C1831-4043	18.2	18.2	ug/Kg	U
58-90-2	2,3,4,6-Tetrachlorophenol	C1831-4043	103	103	ug/Kg	U
95-95-4	2,4,5-Trichlorophenol	C1831-4043	18.0	18.0	ug/Kg	U
88-06-2	2,4,6-Trichlorophenol	C1831-4043	18.2	18.2	ug/Kg	U
120-83-2	2,4-Dichlorophenol	C1831-4043	18.8	18.8	ug/Kg	U
105-67-9	2,4-Dimethylphenol	C1831-4043	28.5	28.5	ug/Kg	U
51-28-5	2,4-Dinitrophenol	C1831-4043	234	234	ug/Kg	U
121-14-2	2,4-Dinitrotoluene	C1831-4043	48.0	48.0	ug/Kg	U
606-20-2	2,6-Dinitrotoluene	C1831-4043	32.5	32.5	ug/Kg	U
91-58-7	2-Chloronaphthalene	C1831-4043	23.2	23.2	ug/Kg	U
95-57-8	2-Chlorophenol	C1831-4043	35.9	35.9	ug/Kg	U
91-57-6	2-Methylnaphthalene	C1831-4043	24.4	24.4	ug/Kg	U
95-48-7	2-Methylphenol	C1831-4043	17.7	17.7	ug/Kg	U
88-74-4	2-Nitroaniline	C1831-4043	23.3	23.3	ug/Kg	U
88-75-5	2-Nitrophenol	C1831-4043	22.2	22.2	ug/Kg	U
106-44-5	3+4-Methylphenol	C1831-4043	22.8	22.8	ug/Kg	U
91-94-1	3,3'-Dichlorobenzidine	C1831-4043	25.3	25.3	ug/Kg	U
99-09-2	3-Nitroaniline	C1831-4043	31.3	31.3	ug/Kg	U
534-52-1	4,6-Dinitro-2-methylphenol	C1831-4043	428	428	ug/Kg	U
101-55-3	4-Bromophenyl phenyl ether	C1831-4043	11.9	11.9	ug/Kg	U
59-50-7	4-Chloro-3-methylphenol	C1831-4043	51.3	51.3	ug/Kg	U
106-47-8	4-Chloroaniline	C1831-4043	32.8	32.8	ug/Kg	U
7005-72-3	4-Chlorophenyl phenyl ether	C1831-4043	22.2	22.2	ug/Kg	U
100-01-6	4-Nitroaniline	C1831-4043	55.9	55.9	ug/Kg	U
100-02-7	4-Nitrophenol	C1831-4043	69.6	69.6	ug/Kg	U
83-32-9	Acenaphthene	C1831-4043	17.8	**542**	ug/Kg	
208-96-8	Acenaphthylene	C1831-4043	21.6	21.6	ug/Kg	U
62-53-3	Aniline	C1831-4043	23.1	23.1	ug/Kg	U
120-12-7	Anthracene	C1831-4043	28.5	**265**	ug/Kg	J

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706159-11

Client Sample ID: TP4 (2-4)
Collected: 06/07/2007 11:40
Matrix: Soil
Type: Grab
% Solid: 95.8%
Remarks:
Analyzed Date: 06/15/2007
Preparation Date(s) : 06/15/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
92-87-5	Benzidine	C1831-4043	437	437	ug/Kg	U
56-55-3	Benzo(a)anthracene	C1831-4043	31.7	31.7	ug/Kg	U
50-32-8	Benzo(a)pyrene	C1831-4043	22.0	22.0	ug/Kg	U
205-99-2	Benzo(b)fluoranthene	C1831-4043	29.5	29.5	ug/Kg	U
191-24-2	Benzo(g,h,i)perylene	C1831-4043	34.2	34.2	ug/Kg	U
207-08-9	Benzo(k)fluoranthene	C1831-4043	39.9	39.9	ug/Kg	U
65-85-0	Benzoic acid	C1831-4043	2530	2530	ug/Kg	U
100-51-6	Benzyl alcohol	C1831-4043	25.4	25.4	ug/Kg	U
85-68-7	Butyl benzyl phthalate	C1831-4043	27.2	27.2	ug/Kg	U
86-74-8	Carbazole	C1831-4043	67.5	67.5	ug/Kg	U
218-01-9	Chrysene	C1831-4043	32.8	32.8	ug/Kg	U
	Cresols	C1831-4043	40.5	40.5	ug/Kg	U
84-74-2	Di-n-butyl phthalate	C1831-4043	36.8	36.8	ug/Kg	U
117-84-0	Di-n-octyl phthalate	C1831-4043	36.8	36.8	ug/Kg	U
53-70-3	Dibenz(a,h)anthracene	C1831-4043	32.7	32.7	ug/Kg	U
132-64-9	Dibenzofuran	C1831-4043	25.1	25.1	ug/Kg	U
84-66-2	Diethyl phthalate	C1831-4043	23.4	23.4	ug/Kg	U
131-11-3	Dimethyl phthalate	C1831-4043	19.9	19.9	ug/Kg	U
206-44-0	Fluoranthene	C1831-4043	30.4	30.4	ug/Kg	U
86-73-7	Fluorene	C1831-4043	24.5	**1130**	ug/Kg	
118-74-1	Hexachlorobenzene	C1831-4043	29.9	29.9	ug/Kg	U
87-68-3	Hexachlorobutadiene	C1831-4043	16.0	16.0	ug/Kg	U
77-47-4	Hexachlorocyclopentadiene	C1831-4043	6.74	6.74	ug/Kg	U
67-72-1	Hexachloroethane	C1831-4043	23.6	23.6	ug/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	C1831-4043	32.8	32.8	ug/Kg	U
78-59-1	Isophorone	C1831-4043	25.9	25.9	ug/Kg	U
621-64-7	N-Nitrosodi-n-propylamine	C1831-4043	44.7	44.7	ug/Kg	U
62-75-9	N-Nitrosodimethylamine	C1831-4043	49.3	49.3	ug/Kg	U
86-30-6	N-Nitrosodiphenylamine	C1831-4043	26.7	26.7	ug/Kg	U
91-20-3	Naphthalene	C1831-4043	23.3	23.3	ug/Kg	U
98-95-3	Nitrobenzene	C1831-4043	18.6	18.6	ug/Kg	U
87-86-5	Pentachlorophenol	C1831-4043	421	421	ug/Kg	U
85-01-8	Phenanthrene	C1831-4043	25.5	**1860**	ug/Kg	

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05/22/2008

Semivolatile Compounds - EPA 8270C

Sample: 0706159-11

Client Sample ID: TP4 (2-4)
Collected: 06/07/2007 11:40
Matrix: Soil
Type: Grab
% Solid: 95.8%
Remarks:
Analyzed Date: 06/15/2007
Preparation Date(s) : 06/15/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
108-95-2	Phenol	C1831-4043	41.9	41.9	ug/Kg	U
129-00-0	Pyrene	C1831-4043	32.0	32.0	ug/Kg	U
110-86-1	Pyridine	C1831-4043	33.9	33.9	ug/Kg	U
111-91-1	bis(2-Chloroethoxy)methane	C1831-4043	20.7	20.7	ug/Kg	U
111-44-4	bis(2-Chloroethyl)ether	C1831-4043	23.6	23.6	ug/Kg	U
108-60-1	bis(2-Chloroisopropyl)ether	C1831-4043	22.8	22.8	ug/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	C1831-4043	55.5	55.5	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	C1831-4043	44.7 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	C1831-4043	51.2 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	C1831-4043	46.6 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	C1831-4043	52.4 %	(23 - 120)	
13127-88-3	PHENOL-D6	C1831-4043	51.9 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	C1831-4043	58.1 %	(18 - 137)	

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05/22/2008

TPH - Method 8015B

Sample: 0706159-1

Client Sample ID: TP1 (0-2)
Matrix: Soil
Remarks:
Analyzed Date: 06/16/2007
Preparation Date(s) : 06/14/2007

Type: Grab

Collected: 06/07/2007 08:30
% Solid: 89.1%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Diesel Range Organics	H593-44	13.5	**12800**	mg/Kg	

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	H593-44	75.0 %	(30 - 150)	

Sample: 0706159-2

Client Sample ID: TP1 (2-4)
Matrix: Soil
Remarks:
Analyzed Date: 06/16/2007
Preparation Date(s) : 06/14/2007

Type: Grab

Collected: 06/07/2007 08:40
% Solid: 88.4%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Diesel Range Organics	H593-45	13.6	**2930**	mg/Kg	

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	H593-45	68.5 %	(30 - 150)	

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05/22/2008

TPH - Method 8015B

Sample: 0706159-4

Client Sample ID: TP2 (0-2)
Matrix: Soil
Remarks:
Analyzed Date: 06/16/2007
Preparation Date(s) : 06/14/2007

Type: Grab

Collected: 06/07/2007 09:05
% Solid: 91.2%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Diesel Range Organics	H593-46	13.2	**885**	mg/Kg	

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	H593-46	49.5 %	(30 - 150)	

Sample: 0706159-5

Client Sample ID: TP2 (2-4)
Matrix: Soil
Remarks:
Analyzed Date: 06/16/2007
Preparation Date(s) : 06/14/2007

Type: Grab

Collected: 06/07/2007 09:10
% Solid: 83.8%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Diesel Range Organics	H593-47	14.3	**2890**	mg/Kg	

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	H593-47	61.0 %	(30 - 150)	

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05/22/2008

TPH - Method 8015B

Sample: 0706159-7

Client Sample ID: TP3 (0-2)
Matrix: Soil
Remarks:
Analyzed Date: 06/16/2007
Preparation Date(s) : 06/14/2007

Type: Grab

Collected: 06/07/2007 10:20
% Solid: 84.3%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Diesel Range Organics	H593-48	14.2	**4950**	mg/Kg	

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	H593-48	66.3 %	(30 - 150)	

Sample: 0706159-8

Client Sample ID: TP3 (2-4)
Matrix: Soil
Remarks:
Analyzed Date: 06/16/2007
Preparation Date(s) : 06/14/2007

Type: Grab

Collected: 06/07/2007 10:25
% Solid: 98.8%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Diesel Range Organics	H593-49	12.1	**580**	mg/Kg	

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	H593-49	58.1 %	(30 - 150)	

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05/22/2008

TPH - Method 8015B

Sample: 0706159-10

Client Sample ID: TP4 (0-2)
Matrix: Soil
Remarks:
Analyzed Date: 06/16/2007
Preparation Date(s) : 06/14/2007

Type: Grab

Collected: 06/07/2007 11:35
% Solid: 97.2%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Diesel Range Organics	H593-50	12.3	**413**	mg/Kg	

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	H593-50	53.2 %	(30 - 150)	

Sample: 0706159-11

Client Sample ID: TP4 (2-4)
Matrix: Soil
Remarks:
Analyzed Date: 06/16/2007
Preparation Date(s) : 06/14/2007

Type: Grab

Collected: 06/07/2007 11:40
% Solid: 95.8%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Diesel Range Organics	H593-51	12.5	**2880**	mg/Kg	

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	H593-51	41.8 %	(30 - 150)	

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05/22/2008

Gasoline Range Organics - EPA 8015B

Sample: 0706159-1
Client Sample ID: TP1 (0-2)
Matrix: Soil
Remarks:
Analyzed Date: 06/13/2007

Type: Grab

Collected: 06/07/2007 08:30
% Solid: 89.1%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Gasoline Range Organics	M273-61	1.96	**486**	mg/Kg	

* Results are reported on a dry weight basis

Sample: 0706159-2
Client Sample ID: TP1 (2-4)
Matrix: Soil
Remarks:
Analyzed Date: 06/13/2007

Type: Grab

Collected: 06/07/2007 08:40
% Solid: 88.4%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Gasoline Range Organics	M273-62	1.97	**241**	mg/Kg	

* Results are reported on a dry weight basis

Sample: 0706159-4
Client Sample ID: TP2 (0-2)
Matrix: Soil
Remarks:
Analyzed Date: 06/13/2007

Type: Grab

Collected: 06/07/2007 09:05
% Solid: 91.2%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Gasoline Range Organics	M273-63	1.91	**77.4**	mg/Kg	

* Results are reported on a dry weight basis

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05/22/2008

Gasoline Range Organics - EPA 8015B

Sample: 0706159-5
Client Sample ID: TP2 (2-4)
Matrix: Soil
Type: Grab
Collected: 06/07/2007 09:10
% Solid: 83.8%
Remarks:
Analyzed Date: 06/13/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Gasoline Range Organics	M273-64	2.08	**239**	mg/Kg	

* Results are reported on a dry weight basis

Sample: 0706159-7
Client Sample ID: TP3 (0-2)
Matrix: Soil
Type: Grab
Collected: 06/07/2007 10:20
% Solid: 84.3%
Remarks:
Analyzed Date: 06/13/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Gasoline Range Organics	M273-65	2.07	**326**	mg/Kg	

* Results are reported on a dry weight basis

Sample: 0706159-8
Client Sample ID: TP3 (2-4)
Matrix: Soil
Type: Grab
Collected: 06/07/2007 10:25
% Solid: 98.8%
Remarks:
Analyzed Date: 06/13/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Gasoline Range Organics	M273-66	0.88	**47.9**	mg/Kg	

* Results are reported on a dry weight basis

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05/22/2008

Gasoline Range Organics - EPA 8015B

Sample: 0706159-10

Client Sample ID: TP4 (0-2)
Matrix: Soil
Remarks:
Analyzed Date: 06/13/2007

Type: Grab

Collected: 06/07/2007 11:35
% Solid: 97.2%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Gasoline Range Organics	M273-68	0.90	**65.3**	mg/Kg	

* Results are reported on a dry weight basis

Sample: 0706159-11

Client Sample ID: TP4 (2-4)
Matrix: Soil
Remarks:
Analyzed Date: 06/13/2007

Type: Grab

Collected: 06/07/2007 11:40
% Solid: 95.8%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
	Gasoline Range Organics	M273-69	1.82	**245**	mg/Kg	

* Results are reported on a dry weight basis

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05/22/2008

Case Narrative

EPA 8260 VOLATILE ANALYSIS:

The following compounds were calibrated at 25, 50, 100,
150 and 200 ppb levels in the initial calibration curve:
- Acetone
- 2-Butanone
- 4-Methyl-2-pentanone
- 2-Hexanone

M&P-Xylenes and 2-Chloroethylvinylether were calibrated at 10, 40, 100, 200 and 300 ppb levels.
Acrolein/Acrylonitrile were calibrated at 50,100,150,200 and 250 ppb levels.
Tert Butyl Alcohol (TBA) was calibrated at 50,200,500,1000 and 1500 ppb levels.

All other compounds were calibrated at 5, 20, 50, 100 and 150 ppb levels.

Samples 0706159-2,5 and 11 were analyzed at a medium level soil dilution of 1:125. Re-analysis at low level was not possible due to high concentrations of non-target compounds (mainly hydrocarbons) present in the samples.

Sample 0706149-1 was analyzed straight and at a 1:5 dilution. 1,2,4,5-Tetramethylbenzene was detected at a concentration above the upper calibration limit in both dilution analyses. An E-flag qualifier was given to the reported value for this target compound.

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05/22/2008

Case Narrative

GASOLINE RANGE ORGANICS

GC-SV

INTRODUCTION
Samples were analyzed in accordance with protocols based on SW846 Methodologies.

The sample information is as follows:

COC#: 0706159

HOLDING TIMES

Analytical holding time for this analysis was met.

SAMPLE COMMENTS

Samples were analyzed as per the requested protocols. No analytical problems were encountered.

All required QA/QC parameters met acceptable limits unless otherwise noted.

CALIBRATION

Initial calibration was performed in accordance with the Method.

A six point calibration curve was performed, utilizing the following concentrations: 25, 100, 500, 2000, 4000, and 8000 ppb.

Results were quantitated using linear regression initial calibration.

CALIBRATION VERIFICATIONS

The calibration verification check standards were performed in accordance with the Method.

A GRO check standard was analyzed: at the beginning and at the end of each anaytical sequence at a concentration of 2000 ppb.

BLANKS

The Method Blanks associated with these samples did not contain any target compounds.

The Instrument Blanks associated with these samples did not contain any target compounds.

MATRIX SPIKES

Matrix spikes were not designated to be performed on any of the samples in this report package. Batch QC was utilized.

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Case Narrative

VOLATILES ANALYSIS
GCMS-V

INTRODUCTION

Samples were analyzed in accordance with protocols based on SW846 Methodologies, using accepted QA/QC procedures.
All required QA/QC parameters met acceptable limits unless otherwise noted.

HOLDING TIME INFORMATION

All analyses were performed within required holding times.

SAMPLE INFORMATION

Samples 0706159-2,5 and 11 were analyzed at a medium level soil dilution of 1:125. Re-analysis at low level was not possible due to high concentrations of non-target compounds (mainly hydrocarbons) present in the samples.

Sample 0706149-1 was analyzed straight and at a 1:5 dilution. 1,2,4,5-Tetramethylbenzene was detected at a concentration above the upper calibration limit in both dilution analyses. An E-flag qualifier was given to the reported value for this target compound.

SURROGATE RECOVERY INFORMATION

All surrogate recoveries met QC criteria.

MATRIX SPIKE BLANK

The spike recoveries for the matrix spike blank were within QC limits.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE

Matrix spikes were not designated to be performed on any of the samples in this report package. Batch QC was utilized.

METHOD BLANK

The method blank associated with these samples did not contain any target compounds at or above QC limits.

TUNE PERFORMANCE

All Tune (BFB) specifications met QC criteria.

CALIBRATION INFORMATION

Initial Calibration: All required minimum RRFs and maximum % RSD requirements have been met in with the Method.

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Case Narrative

The following compounds were calibrated at 25, 50, 100,
150 and 200 ppb levels in the initial calibration curve:
Acetone
2-Butanone
4-Methyl-2-pentanone
2-Hexanone

M&P-Xylenes and 2-Chloroethylvinylether were calibrated at 10, 40, 100, 200 and
300 ppb levels.
Acrolein/Acrylonitrile were calibrated at 50,100,150,200 and 250 ppb levels.
Tert Butyl Alcohol (TBA) was calibrated at 50,200,500,1000 and 1500 ppb levels.

All other compounds were calibrated at 5, 20, 50, 100 and 150 ppb levels.

Continuing Calibration: All required minimum RRFs and maximum %D requirements have been met in accordance with the Method.

Samples were quantitated using the initial calibration average response factor.

INTERNAL STANDARDS

All area responses and retention times fell within acceptable ranges.

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05/22/2008

Case Narrative

SEMIVOLATILES ANALYSIS
GCMS-SV

INTRODUCTION

Samples were analyzed in accordance with protocols based on SW846 Methodologies, using accepted QA/QC procedures.
All required QA/QC parameters met acceptable limits unless otherwise noted.

HOLDING TIME INFORMATION

All analyses were performed within required holding times.

SURROGATE RECOVERY INFORMATION

All surrogate recoveries met QC criteria.

MATRIX SPIKE BLANK

The spike recoveries for the matrix spike blank were within QC limits.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE

Matrix spikes were not designated to be performed on any of the samples in this report package. Batch QC was utilized.

METHOD BLANK

The method blank associated with these samples did not contain target compounds at or above the QC limits.

TUNE PERFORMANCE

All Tune (DFTPP) specifications met QC criteria.

CALIBRATION INFORMATION

Initial Calibration: All required minimum RRFs and maximum % RSD requirements have been met in accordance with the Method.

Results were quantitated using initial calibration average of response factors.

Continuing Calibration: All required minimum RRFs and maximum %D requirements have been met in accordance with the Method.

INTERNAL STANDARDS

All area responses and retention times fell within acceptable ranges.

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Case Narrative

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05/22/2008

Case Narrative

Method 8100 Modified

GC-SV

INTRODUCTION
Samples were analyzed in accordance with protocols based on SW846 Methodologies.

The sample information is as follows:

COC#: 0706159

HOLDING TIMES

The extraction and analytical holding times for this analysis were met.
Samples were extracted using 3545 Method (pressurized liquid extraction).

SURROGATE RECOVERY INFORMATION

All surrogate recoveries met QC criteria.

CALIBRATION

Initial calibration was performed in accordance with the Method.

A six point calibration curve was performed, utilizing the following concentrations: 100, 1000, 5000, 10000, 50000, and 100000 ppm.
Fuel # 2 was used as a calibration standard.

Results were quantitated using linear regression initial calibration.

CALIBRATION VERIFICATIONS

The calibration verification check standards were performed in accordance with the Method.

A DRO calibration check standard was analyzed: at the beginning and at the end of each anaytical sequence at a concentration of 10000 ppm.

BLANKS

The Method Blanks associated with these samples did not contain any target compounds.

The Instrument Blanks associated with these samples did not contain any target compounds.

MATRIX SPIKE BLANKS

A Matrix Spike Blank was extracted and analyzed with the samples. All spike recoveries for the MSB met QC criteria.

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Case Narrative

Matrix spikes were not designated to be performed on any of the samples in this report package.
Batch QC was utilized.

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ORGANIC METHOD QUALIFIERS

Q - Qualifier - specified entries and their meanings are as follows:

U - The analytical result is not detected above the Method Detection Limit (MDL). All MDL's are lower than the lowest calibration standard concentration.

J - Indicates an estimated value. The concentration reported was between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL).

B - The analyte was found in the associated method blank as well as the sample. It indicates possible/probable blank contamination and warns the data user to take appropriate action.

E - The concentration of the analyte exceeded the calibration range of the instrument.

D - This flag indicates a system monitoring compound diluted out.

INORGANIC METHOD QUALIFIERS

C - (Concentration) qualifiers are as follows:

B - Entered if the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL) but greater than or equal to the Instrument Detection Limit (IDL).

U - Entered when the analyte was analyzed for, but not detected above the Method Detection Limit (MDL) which is less than the lowest calibration standard concentration.

Q - Qualifier specific entries and their meanings are as follows:

E - Reported value is estimated because of the presence of interferences.

M - (Method) qualifiers are as follows:

A - Flame AA
AS - Semi-automated Spectrophotometric
AV - Automated Cold Vapor AA
C - Manual Spectrophotometric
F - Furnace AA
P - ICP
T - Titrimetric

OTHER QUALIFIERS

ND - Not Detected

APPENDIX D

NITRATE AMENDMENT

The use of nitrate to enhance in-situ bioremediation of petroleum hydrocarbons is a developing remediation technique. Nitrate (NO_3) serves as a terminal electron acceptor for anaerobic and facultative anaerobic bacteria indigenous to the soil and groundwater at the site. Nitrate is added to the subsurface by percolation from the surface in an area where hydrocarbons have impacted the soil and groundwater. Nitrate and hydrocarbons are depleted as the nitrate molecule is utilized as the terminal electron acceptor by microbes during the anaerobic metabolization of hydrocarbons. The general stoichiometry of this process is shown below. The precise stoichiometry is sufficiently uncertain due to field conditions (e.g., microbial requirements, range of hydrocarbons present in the subsurface, groundwater environment) that additional field testing would be required to ascertain the true stoichiometry of the nitrate utilization process at this site.

$$C_6H_{14} + H^+ + NO_3^- \longrightarrow CO_2 + N_2 + H_2O$$

The stoichiometric balance of the chemical reaction depends on several variables. However, an approximation of the theoretical nitrate mass requirements for the degradation of various petroleum hydrocarbons can be calculated. Stoichiometrically, approximately 6 pounds of nitrate are required to degrade 1 pound of hydrocarbons. The pilot study will establish more accurately the nitrate mass requirements for full-scale applications.

The application of nitrate is followed by consistent groundwater monitoring to determine changes in concentrations of dissolved nitrate. The oxidation/reduction potential of groundwater will also be monitored as an indicator of anaerobic bacterial activity. This monitoring will determine the rate of nitrate utilization in each location. Phosphate and sulfate may also be introduced as nutrients to the subsurface during the pilot test to further enhance bioactivity.

CHEMICAL OXIDATION PRINCIPLES

A chemical oxidation reaction involves the breaking of chemical bonds and the removal of electrons. The electrons are transferred from the contaminant to the oxidant. The contaminant is in turn oxidized and the oxidant, the electron acceptor, is reduced. All reactions are always pared in this way – hence the term oxidation-reduction reaction. We use the term "direct oxidation" for this simplest of mechanisms. With RegenOx™ however, there are other more complex mechanisms including catalyzed direct oxidation and free radical mechanisms that mediate contaminant degradation by both oxidation and reduction.

Direct Chemical Oxidation

A molecule of sodium percarbonate ($C_2H_6Na_4O_{12}$ or $2Na_2CO_3 \cdot 3H_2O_2$) dissolved in water yields sodium carbonate and hydrogen peroxide creating an alkaline, oxidative

environment. As illustrated in the formula, sodium peroxide "carries" hydrogen peroxide in the same way as a molecule carries a "water of hydration". This is a big advantage in that it makes it less immediately reactive.

RegenOx™, using sodium percarbonate can directly oxidize a wide range of contaminants including:

- Fuel hydrocarbons from gasoline through the higher molecular weight compounds.
- Aromatic hydrocarbons such as the BTEX compounds and the heavier PAH compounds
- Gasoline oxygenates such as MTBE, TAME and their derivatives (TBA)
- Petrochemically derived reagents such as phenols, aldehydes and ketones
- Chlorinated solvents with emphasis on the common chlorinated ethenes (PCE, TCE), chlorinated ethanes (TCA, DCA) and chlorinated methanes (CT, chloroform)

Surface-Mediated Chemical Oxidation

This is a variant of direct oxidation involving catalytic complexes. The RegenOx™ system, employs a complex which includes a proprietary catalytic surface that provides a unique surface (activator complex) for both the contaminant and the RegenOx™oxidizer complex to interface. Once the contaminant, oxidizer complex and activator complex come together oxidation reactions take place more frequently. Reactions can still take place without the catalytic surface via direct oxidation, however, surface-mediated oxidation is more efficient. The advantages of surface-mediated reactions include:

The RegenOx™ system, employs a complex which includes a proprietary catalytic surface that provides a unique surface (activator complex) for both the contaminant and the RegenOx™oxidizer complex to interface.

- Increased efficiency- brings oxidant and contaminant together isolating the oxidation reaction from soil matrix effects
- Adjustable reaction rates -- accomplished by varying oxidant to activator ratios
- Positional longevity- activator mobility in the subsurface can be adjusted by injection design

Free Radical Mediated Oxidation and Reduction

In order to completely oxidize (mineralize) contaminants to carbon dioxide and water all chemical oxidants must either supply oxygen from the oxidant itself or from reactions involving water. In addition to the oxygen provided by its oxidant, RegenOx™ is capable of promoting the propagation reactions that yield a mixture of free radicals. This free radical formation will react with water to produce oxygen.

A free radical is a highly reactive molecule having an unpaired electron. Free radicals are generated by the decomposition of peroxide in the presence of metal salts such as a ferrous salt.

Chemical Addition at Harbor Island

The Harbor Island Pug mill operates at 100 lbs/hr and the oxidation chemical will be injected to pug mill using a feed pump.

- to make a desired oxidant solution for every 5 lbs of oxidant(Part A) and 5 lbs of activator(Part B) (10 lbs total RegenOx™), use 10 gallons of water.

Mixing

1) Pour the pre-measured quantity of RegenOx™ Oxidizer to make the desired target % oxidant in solution mixture into the mixing drum or tank. Mix the water and oxidant with a power drill paint stirrer to ensure that the Oxidizer has dissolved in the water.

2) Pour the applicable amount of the pre-mixed RegenOx™ Activator into the oxidant mixing tank or pump hopper. Mix the Oxidant and Activator using a power drill paint stirrer or hand paddle mixer for at least 5 minutes until a homogenous mixture is formed. After mixing the RegenOx™ mixture should be injected into the subsurface as soon as possible.

3) Transfer the contents of the mixing tank using a pump to the Pug Mill.