

TASK 210: SUBSURFACE SITE INVESTIGATION

**Safety Improvements to Interstate 95 Southbound
Between Interchanges 15 & 14
163 Connecticut Avenue
Norwalk, Connecticut**

ConnDOT Assignment No. 201-2572
ConnDOT Project No. 102-278

Prepared for:



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TABLE OF CONTENTS

	<u>Page #</u>
1.0 INTRODUCTION	1
2.0 SITE DESCRIPTION	3
3.0 LOCAL ENVIRONMENT & RECEPTORS	3
3.1 Groundwater	3
3.2 Surface Water	5
3.3 Geology	5
4.0 SUBSURFACE INVESTIGATION	5
4.1 Geoprobe® Soil Borings & Soil Sample Analyses	6
4.2 Project Quality Assurance/Quality Control Practices	7
5.0 DISCUSSION OF SAMPLE RESULTS	8
5.1 Regulatory Criteria	8
5.2 Results of Soil Sample Analyses	9
5.3 Quality Assurance/Quality Control Samples	12
6.0 DISCUSSION OF AFFECTED RESOURCES	12
7.0 RECOMMENDATIONS	13
8.0 LIMITATIONS	14

Figures

Figure 1 - Site Location Plan	2
Figure 2 - Task 210 Project Area & Sampling Locations	4

Tables

Table 1(a) to 1(c)	Results of Geoprobe Boring Soil Sample Analyses
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Appendices

Appendix A	Boring Logs
Appendix B	Geoprobe Boring Soil Sample Laboratory Reports
Appendix C	QA/QC Sample Laboratory Reports

1.0 INTRODUCTION

On behalf of the Connecticut Department of Transportation (ConnDOT), Maguire Group Inc. (MGI) has completed a Task 210 - Subsurface Site Investigation for the 163 Connecticut Avenue property in Norwalk, Connecticut. The Task 210 investigation was completed in association with the Safety Improvements to Interstate 95 Southbound between Interchanges 15 & 14 in Norwalk, Connecticut. The project involves the construction of an auxiliary lane for approximately 701 meters (2,300 feet) between the Interstate 95 (I-95) Southbound Interchange 15 on-ramp from Route 7, to the Interchange 14 off-ramp to Route 1. The auxiliary lane will expand into two lanes for the Exit 14 off-ramp to Route 1. These two lanes exiting I-95 will then expand into three lanes at the junction with Route 1. There will be two left-turn lanes and one right-turn lane to provide storage and improve traffic operations. Route 1 will be widened to accommodate 2.1 meter (7 foot) sidewalks on both sides of the roadway, and a lengthened left turn lane from Route 1 to the I-95 Southbound on-ramp.

Also proposed are traffic and safety improvements for the Cedar Street intersection with Route 1. Cedar Street will be realigned to intersect Route 1 opposite Ferris Street. The traffic signal will be upgraded and left-turn lanes will be constructed for each approach onto Route 1. Route 1 will also be widened in this area. The Taylor Avenue, Cedar Street, and Fairfield Avenue bridges will also be widened. A new abutment on the I-95 Southbound side and a new superstructure will be provided for these bridges to accommodate the auxiliary lane on I-95 Southbound.

Based upon a review of the proposed construction plans, it is anticipated that the project will involve rights-of-way taking, cut and fill activities, drainage structure improvements, and utility realignments. The anticipated construction activities will involve the total right-of-way taking of the 163 Connecticut Avenue property. Therefore, this Task 210 – Subsurface Site Investigation was conducted on the 163 Connecticut Avenue property. Figure 1 depicts the project area.

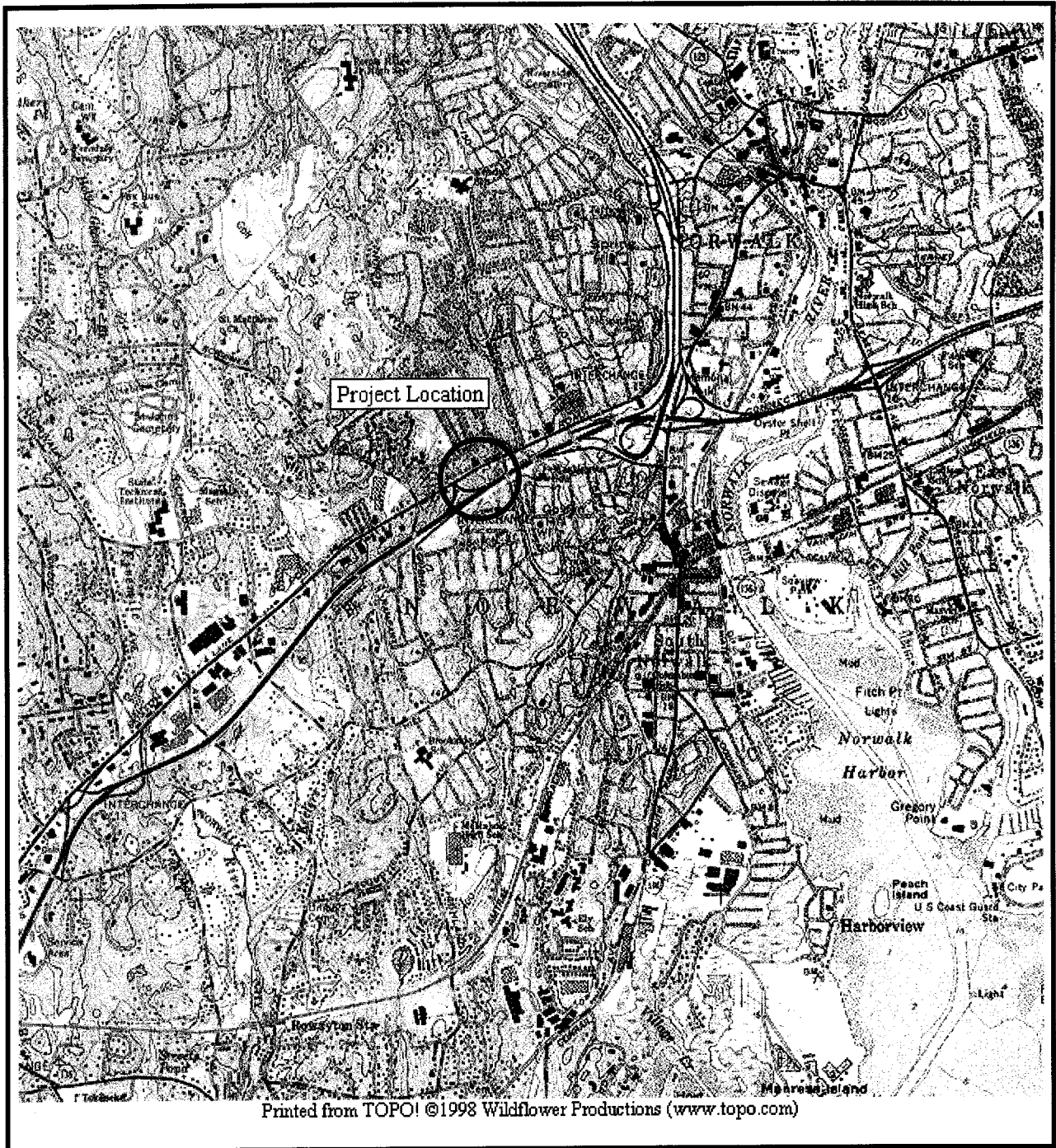


FIGURE 1 – SITE LOCATION PLAN

**Safety Improvements to Interstate 95 Southbound Between Interchanges 15 & 14
163 Connecticut Avenue - Norwalk, Connecticut**

The purpose of the Task 210 - Subsurface Site Investigation is to verify the absence or presence and location of subsurface contamination within the 163 Connecticut Avenue property boundaries. A Task 910 estimate of remedial cost may also be prepared for this parcel if warranted by the results of the Task 210.

2.0 SITE DESCRIPTION

The Task 210 - Subsurface Site Investigation was conducted on the 163 Connecticut Avenue property, which consists of an approximate 0.126 hectare (0.28 acre) lot that contains a multi-family residence. Attached to the rear of the residence is a two-bay, concrete block garage that houses Norwalk Taxi. The property formerly housed an automotive, boat and recreational vehicle sales and service business from the 1970's to the 1990's. The property is currently owned by Fairmead Real Estate Associates, LLC, and was assigned a high risk designation in MGI's July, 2002 Task 110 – Corridor Land Use Evaluation report. The site is depicted in Figure 2 - Task 210 Project Area & Sampling Locations.

3.0 LOCAL ENVIRONMENT & RECEPTORS

3.1 Groundwater

According to the Connecticut Department of Environmental Protection (CTDEP) 1985 Adopted Water Quality Classifications for the Southwest Coast River Basin, the groundwater classification for the project area is "GB". A "GB" groundwater classification indicates that the groundwater may not be suitable for direct human consumption without the need for treatment due to waste discharges, spills or leaks of chemicals, or land use impacts. The 163 Connecticut Avenue property is connected to the public water distribution system and municipal sewer system. The general topography of the site slopes downward to the north. Based upon the site setting, the inferred direction of groundwater flow is towards the east/southeast, towards Norwalk Harbor. Groundwater was not encountered in any of the borings advanced during this investigation.

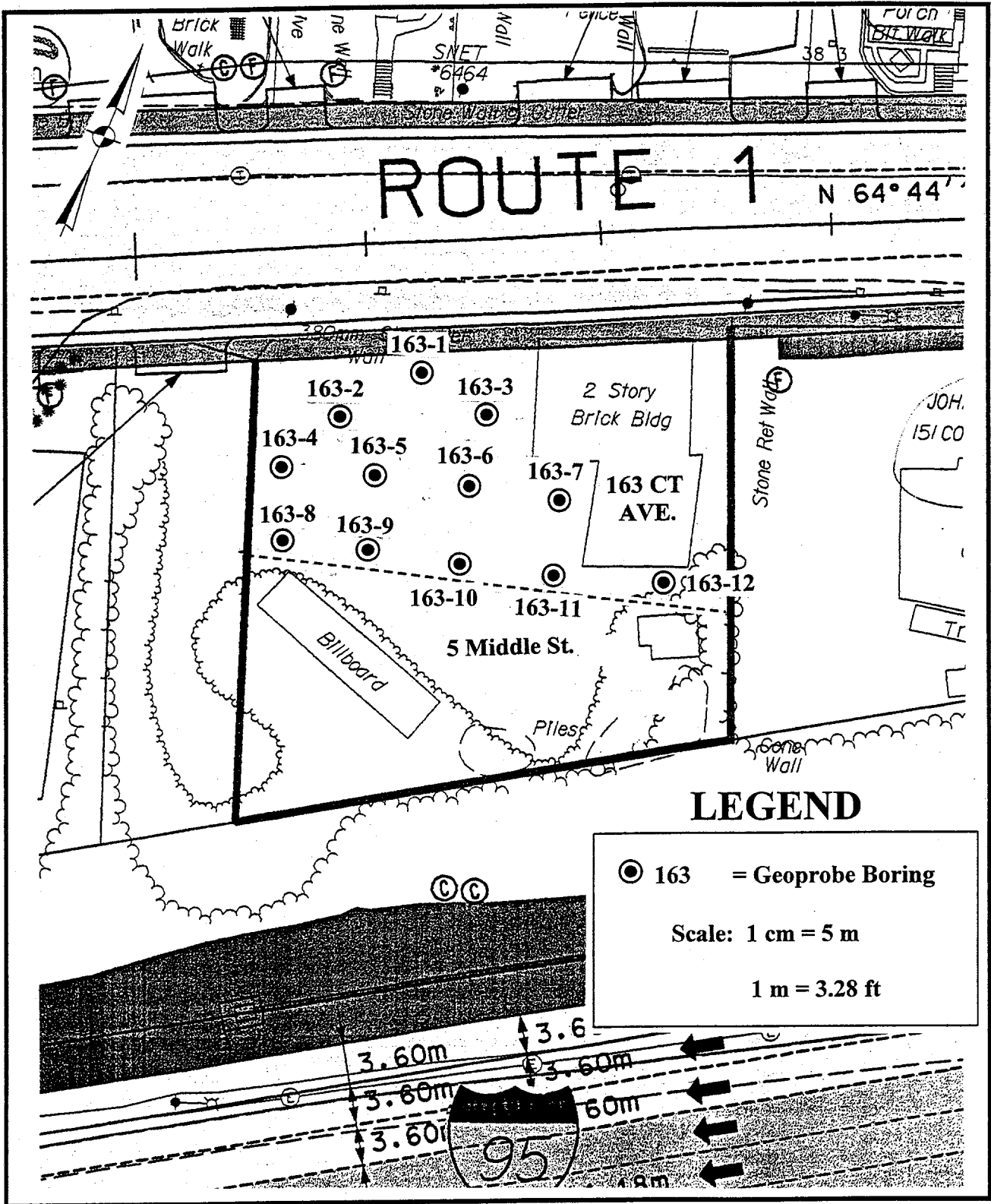


FIGURE 2 - Task 210 Project Area & Sampling Locations
Safety Improvements to Interstate 95 Southbound Between Interchanges 15 & 14
163 Connecticut Avenue
Norwalk, Connecticut

3.2 Surface Water

The project area is located within the Norwalk Regional Basin, within the Southwest Coast Major Drainage Basin. There are no surface water bodies on or adjacent to the 163 Connecticut Avenue property.

3.3 Geology

The Surficial Materials Map of Connecticut depicts the surficial geology of the project area as brown sandy soils with a friable, loamy substratum, and shallow sandy soils over bedrock. The Bedrock Geological Map of Connecticut, compiled by John Rodgers in 1985, indicates that the bedrock unit underlying the project area is the Trap Falls Formation, which is a gray medium-grained schist and a light-colored, foliated, granitic gneiss.

Sampler refusal on a gray, granitic gneiss unit was encountered in nearly all of the borings at depths ranging from 0.6 to 1.8 meters (2 to 6 feet) below grade. Soil encountered during the investigation indicated that the soil underlying the project area consists mainly of brown silt units with varying amounts of sand, gravel, and cobbles.

4.0 SUBSURFACE INVESTIGATION

Based upon the former industrial and commercial nature of the 163 Connecticut Avenue property, a comprehensive sampling program was conducted on the parcel. The following subsections detail the investigation.

4.1 Geoprobe® Soil Borings & Soil Sample Analyses

On May 5, 2003, twelve (12) soil borings (163-1 to 163-12) were advanced throughout the 163 Connecticut Avenue property. The entire property was investigated because a full right-of-way property take is proposed for the parcel. Permission to access the property was obtained from the State of Connecticut by means of a Notice of Condemnation dated March 25, 2003. The Geoprobe® borings were advanced by Logical Environmental Solutions, under the direction of Maguire Group Inc. The locations of the Geoprobe® soil borings are depicted on Figure 2 – Task 210 Project Area & Sampling Locations.

The Geoprobe® soil borings were advanced to a depth of 3.7 meters (12 feet) below grade, or refusal. Continuous soil samples were collected utilizing a 1.2 meter (4-foot) long, 5 centimeter (2-inch) diameter Macro Core Sampler with dedicated acetate liners. The soil samples were visually inspected in the field for staining, and described as to physical characteristics and soil type. In addition, the soil samples were screened in the field for total volatile organic compounds utilizing a Photovac photoionization detector (PID). Soil boring logs were generated in the field by Maguire field personnel. The boring logs denote the types of soil encountered, the depth to groundwater and/or bedrock, the total depth reached in each boring, and the highest observed PID reading. Copies of the boring logs are included at the end of this report in Appendix A.

Based upon field screening results and visual observations, one soil sample from each boring was placed in glassware supplied by Spectrum Analytical Laboratory, and stored in an ice-filled cooler. The analyses for each soil sample included volatile organic compounds (VOCs) utilizing EPA Method 8260, total petroleum hydrocarbons utilizing the Connecticut Extractable Petroleum Hydrocarbon Method (CT ETPH), polynuclear aromatic hydrocarbons (PAHs) utilizing EPA Method 8270, total RCRA 8 metals, and SPLP RCRA 8 metals.

All Geoprobe® soil borings were back-filled and patched upon completion utilizing clean sand and/or hydrated bentonite. All down-hole sampling equipment was decontaminated in accordance with Maguire's January 2003 Task 210 - Subsurface Site Investigation Work Plan.

4.2 Project Quality Assurance/Quality Control Practices

To assess the collection of samples in the field in terms of the sampling techniques and decontamination procedures followed, quality control and quality assurance samples were collected. One field blank sample was collected in the field and one trip blank water sample was prepared by Spectrum Analytical Laboratory. The field blank sample was prepared by pouring laboratory supplied de-ionized water through an acetate liner and macro core cutting shoe, and collecting the resulting rinsate in appropriate sample containers. The trip blank and field blank samples were stored with the daily samples in the sample cooler until subsequent delivery to the laboratory for analysis. The field blank was analyzed for the same parameters specified for the daily samples. The trip blank was analyzed for volatile organic compounds.

All samples collected in the field were stored in a manner that preserved the integrity of the sample chemistry. Samples intended for organic analyses were stored in an ice-filled cooler until delivery to the laboratory. Chain-of-Custody (COC) forms were filled out and accompanied all samples collected as a legal record of possession of the sample. The COC was initiated in the field and accompanied the containers during sample collection, transportation to the lab, analysis, and final disposal of the sample. All sampling equipment was either dedicated to a specific sample or was decontaminated prior to and between each use. Sampling equipment was not placed near solvents, gasoline, or materials that may have impacted the integrity of the samples.

5.0 DISCUSSION OF SAMPLE RESULTS

5.1 Regulatory Criteria

The CTDEP adopted Remediation Standard Regulations (Regulations of Connecticut State Agencies, Section 22a-133k-1 to 3 and 22a-133q-1) as of January 31, 1996. The Remediation Standard Regulations (RSRs) apply to any site undergoing voluntary remediation under Public Acts 95-183 or 95-190, a transfer of an "establishment" under Public Act 95-183, or any site as ordered by the CTDEP Commissioner. The Regulations also outline the processes for establishing alternative site-specific numerical standards for certain sites, upon approval by the CTDEP.

The RSRs criteria applicable to the soil and groundwater sampled during this investigation are summarized below. The application of these RSRs to the results of the laboratory analyses from this investigation is discussed in subsection 5.2.

Soils Criteria: The RSRs are organized into two sets of criteria: the Direct Exposure Criteria (DEC) and the Pollutant Mobility Criteria (PMC). The DEC and PMC are briefly explained in the following sub-sections, in relation to how they would be applicable to the types of analyses conducted on the soil samples collected for this investigation. Please refer to the RSRs for a complete explanation of the Regulations.

Direct Exposure Criteria

The purpose of the Direct Exposure Criteria (DEC) is to protect human health from risks associated with the direct contact with or ingestion of various common soil contaminants. The DEC are applicable to soil within approximately 4.6 meters (15 feet) of the ground surface. Concentrations of contaminants are evaluated based upon mass-based analyses and different criteria are established for residential and commercial/industrial properties. The use of the less stringent commercial/industrial standards requires the placement of a land use restriction on the

property. The DEC is not applicable to inaccessible soils, including soil more than 1.2 meters (4 feet) below the ground surface, 0.6 meters (2 feet) below pavement greater than 7.6 centimeters (3 inches) thick, or below an existing building, provided that an Environmental Land Use Restriction (ELUR) is placed in effect for the property.

Pollutant Mobility Criteria

The purpose of the Pollutant Mobility Criteria (PMC) is to evaluate the potential for contaminants to leach from the soil in concentrations that may degrade groundwater quality. Different numerical criteria are established for GA and GAA groundwater areas, versus GB groundwater areas. Since the site is located in a GB groundwater area, the least stringent criteria are applied for contaminants detected in the soil.

5.2 Results of Soil Sample Analyses

Soil samples collected during the advancement of the Geoprobe® borings were sent to Spectrum Analytical Laboratory of Agawam, Massachusetts for laboratory analyses. Summaries of the laboratory results from the soil samples are presented in Table 1(a) to Table 1(c), which are located at the end of this report, and copies of the soil sample analytical results are included in Appendix B. The following summarizes the results of the analyses conducted on the soil samples.

VOCs were not detected in any of the soil samples. Concentrations of petroleum hydrocarbons were detected in all of the borings at concentrations ranging from Below Detection Limits (BDL) to 660 parts per million (ppm). The 0.6 to 1.2 meters (2 to 4 foot) soil samples from borings 163-1 (590 parts per million [ppm]) and 163-9 (660 ppm) contained petroleum hydrocarbons at concentrations that exceed the Residential DEC of 500 ppm. No other samples contained petroleum hydrocarbons at concentrations that exceed any applicable CTDEP RSR criteria.

PAHs were detected at varying concentrations throughout the property, and total PAH concentrations ranged from BDL to 116.8 ppm. PAHs were detected at elevated concentrations that exceed the CTDEP RSR criteria in the 163-1, 163-3, 163-5, 163-9, 163-10, and 163-12 soil samples. The 0.6 to 1.2 meter (2 to 4 foot) sample from boring 163-1 contained the compounds benzo(a)anthracene (6.6 ppm), benzo(a)pyrene (7.9 ppm), benzo(b)fluoranthene (9.9 ppm), benzo(k)fluoranthene (5.6 ppm), chrysene (8.8 ppm), dibenz(a,h)anthracene (1.4 ppm), and indeno(1,2,3-cd)pyrene (5.9 ppm) at concentrations that exceed their respective GB PMC. The compounds benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenz(a,h)anthracene, and indeno(1,2,3-cd)pyrene were also detected at concentrations that exceed their respective Residential DEC. In addition, the compounds benzo(a)pyrene, benzo(b)fluoranthene, and dibenz(a,h)anthracene were detected at concentrations that exceed their respective Commercial and Industrial DEC.

The 0 to 0.6 meter (0 to 2 foot) sample from boring 163-3 contained the compounds benzo(a)anthracene (1.4 ppm), benzo(a)pyrene (2.1 ppm), benzo(b)fluoranthene (2.7 ppm), benzo(k)fluoranthene (1.5 ppm), chrysene (1.9 ppm), and indeno(1,2,3-cd)pyrene (1.3 ppm) at concentrations that exceed their respective GB PMC. The compounds benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, and indeno(1,2,3-cd)pyrene were also detected at concentrations that exceed their respective Residential DEC. In addition, the compound benzo(a)pyrene was detected at a concentration that exceeds its Commercial and Industrial DEC.

The 0 to 0.6 meter (0 to 2 foot) sample from boring 163-5 contained the compounds benzo(a)anthracene (1.7 ppm), benzo(a)pyrene (2.4 ppm), benzo(b)fluoranthene (3.0 ppm), benzo(k)fluoranthene (1.5 ppm), chrysene (2.3 ppm), and indeno(1,2,3-cd)pyrene (1.8 ppm) at concentrations that exceed their respective GB PMC. The compounds benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, and indeno(1,2,3-cd)pyrene were also detected at concentrations that exceed their respective Residential DEC. In addition, the compound benzo(a)pyrene was detected at a concentration that exceeds its Commercial and Industrial DEC.

The 0.6 to 1.2 meter (2 to 4 foot) sample from boring 163-9 contained the compounds benzo(a)anthracene (8.4 ppm), benzo(a)pyrene (10.0 ppm), benzo(b)fluoranthene (12.0 ppm), benzo(k)fluoranthene (8.2 ppm), chrysene (11.0 ppm), dibenz(a,h)anthracene (1.4 ppm), and indeno(1,2,3-cd)pyrene (7.2 ppm) at concentrations that exceed their respective GB PMC. The compounds benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenz(a,h)anthracene, and indeno(1,2,3-cd)pyrene were also detected at concentrations that exceed their respective Residential DEC. In addition, the compounds benzo(a)pyrene, benzo(b)fluoranthene, and dibenz(a,h)anthracene were detected at concentrations that exceed their respective Commercial and Industrial DEC.

The 0.6 to 1.2 meter (2 to 4 foot) sample from boring 163-10 contained the compounds benzo(a)pyrene (1.2 ppm), benzo(b)fluoranthene (1.2 ppm), and chrysene (1.2 ppm) at concentrations that exceed their respective GB PMC. The compounds benzo(a)pyrene and benzo(b)fluoranthene were also detected at concentrations that exceed their respective Residential DEC. In addition, the compound benzo(a)pyrene was detected at a concentration that exceeds its Commercial and Industrial DEC.

The 0 to 0.6 meter (0 to 2 foot) sample from boring 163-12 contained the compounds benzo(a)anthracene (1.3 ppm), benzo(a)pyrene (1.1 ppm), benzo(b)fluoranthene (2.1 ppm), benzo(k)fluoranthene (2.1 ppm), chrysene (1.7 ppm), and indeno(1,2,3-cd)pyrene (1.4 ppm) at concentrations that exceed their respective GB PMC. The compounds benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, and indeno(1,2,3-cd)pyrene were also detected at concentrations that exceed their respective Residential DEC. In addition, the compound benzo(a)pyrene was detected at a concentration that exceeds its Commercial and Industrial DEC.

Varying concentrations of total arsenic, barium, cadmium, chromium, lead, and mercury were detected in the soil samples collected throughout the property. Total arsenic was detected at elevated concentrations that exceed the Residential and Commercial/Industrial DEC of 10 ppm in the 0 to 0.6 meter (0 to 2 foot) samples from borings 163-3 (11.8 ppm), 163-5 (11.9 ppm), and 163-12 (12.7 ppm); and the 0.6 to 1.2 meter (2 to 4 foot) samples from borings 163-1 (10.3 ppm) and 163-10 (10.7 ppm). In addition, total lead was detected at an elevated concentration that exceeds its Residential DEC of 500 ppm and Commercial/Industrial DEC of 1,000 ppm in the 0 to 0.6 meter (0 to 2 foot) sample collected from boring 163-12 (1,270 ppm).

Leachable lead was detected in soil samples at concentrations ranging from BDL to 0.0674 ppm. However, the concentrations detected did not exceed any applicable CTDEP RSR criteria.

5.3 Quality Assurance/Quality Control Samples

The field blank (FB-1) and trip blank (TB-1) water samples did not contain detectable concentrations of contaminants. Copies of the analytical reports associated with the quality assurance/quality control samples are included in Appendix C.

6.0 DISCUSSION OF AFFECTED RESOURCES

Based upon the results of laboratory analyses performed on soil samples collected as part of this Task 210 - Subsurface Site Investigation, the soil samples from the 163-1, 163-3, 163-5, 163-9, 163-10, and 163-12 boring locations contained petroleum hydrocarbon, PAH, total arsenic, and total lead contamination at concentrations that slightly exceed the GB Pollutant Mobility Criteria, Residential Direct Exposure Criteria, and Commercial/Industrial Direct Exposure Criteria. The contamination was detected in shallow soil ranging from 0 to 1.2 meters (0 to 4 feet) below the ground surface. The contaminated soil encountered at the site may affect any proposed right-of-way construction activities planned for the property.

7.0 RECOMMENDATIONS

Based on the results of the Task 210 – Subsurface Site Investigation performed at the 163 Connecticut Avenue property in Norwalk, Connecticut, the following items should be considered prior to the purchase and redevelopment of the site:

- Due to the soil contamination detected, material excavated from the site during any construction would require the implementation of appropriate health and safety protocols, and proper handling, stockpiling and characterization of soil prior to disposal.
- Based upon the results of the investigation, a Task 910 estimate of remedial cost is recommended for the 163 Connecticut Avenue property.

8.0 LIMITATIONS

All work product and reports provided by Maguire Group Inc. (MGI) in connection with the performance of this Task 210 - Subsurface Site Investigation are subject to the following limitations:

1. The observations described in this report were made under the conditions stated therein. The conclusions presented in the report were based solely upon the services described therein, and not on scientific tasks or procedures beyond the scope of described services provided to ConnDOT.
2. In preparing this report, MGI has relied on certain information provided by State and local officials and information and representations made by other parties referenced therein, and on information contained in the files of State and/or local agencies made available to MGI at the time of this investigation. To the extent that such files are missing, incomplete or not provided to MGI, MGI is not responsible. Although there may have been some degree of overlap in the information provided by these various sources, MGI did not attempt to independently verify the accuracy or completeness of all information reviewed or received during the course of this investigation.
3. The conclusions and recommendations contained in this report are based in part upon the data from subsurface explorations. The nature and extent of variations between these explorations may not become evident until further explorations are completed. If variations or other latent conditions become evident, it will be necessary to re-evaluate the conclusions and recommendations of this report.
4. The water level readings made for this investigation were made at the times and conditions stated on the boring logs. However, it must be noted that fluctuations in the level of the groundwater may occur due to variations in rainfall, passage of time and other factors. Should additional data become available in the future, these data should be reviewed by MGI, and the conclusions and recommendations presented herein modified accordingly.

5. Where quantitative laboratory analyses have been conducted by an outside certified laboratory, MGI has relied upon the data provided, and has not conducted an independent evaluation of the reliability of these tests.
6. If the conclusions and recommendations contained in this report are based, in part, upon various types of chemical data then the conclusions and recommendations are contingent upon the validity of such data. These data have been reviewed and interpretations made in the report. It should be noted that variations in the types and concentrations of contaminants and variations in their flow paths may occur due to seasonal water table fluctuations, past disposal practices, the passage of time, and other factors. Should additional chemical data become available in the future, these data should be reviewed by MGI and the conclusions and recommendations presented herein modified accordingly.
7. Chemical analyses were performed for specific parameters during the course of this investigation, as described in the text. However, it should be noted that testing for all known chemical constituents was not performed. The conclusions and recommendations contained in this report are based only upon the chemical constituents for which testing was accomplished.

The following qualifications apply to the undersigned's opinion:

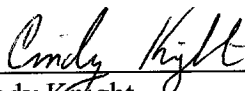
The activities described and opinions included herein are based on information gathered during this exploratory site investigation, which was limited in scope in adherence to the terms of our agreement. The professional opinion provided herein is based on the information described in this report.


The information contained herein was prepared for the use of ConnDOT solely in conjunction with the task descriptions for this assignment. The conclusions and recommendations set forth in this report are based on site conditions at the time of the investigation. Future studies and findings could change the contents of this report. The professional opinions presented in this report have been developed by using that degree of care and skill ordinarily exercised, under similar circumstances, by reputable environmental engineering consultants practicing in this or similar localities. No other warranty, expressed or implied, is made as to the professional opinions included in this report.

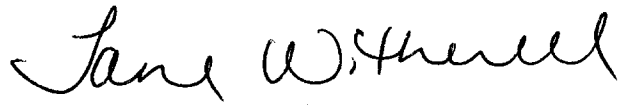
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TABLES

**TABLE 1(a) - Results of Geoprobe Boring Soil Sample Analyses
163 Connecticut Avenue
Norwalk, Connecticut**

Boring I.D.: Sample Depth:	163-1 0.6-1.2m 2'-4'	163-2 1.2-1.8m 4'-6'	163-3 0-0.6m 0'-2'	163-4 0.6-1.2m 2'-4'	CTDEP PMC GB Groundwater Area	CTDEP DEC Residential/Commercial & Industrial
CT ETPH - (ppm)	590	BDL	210	BDL	2,500 ppm	500/2,500 ppm
VOCs - Method 8260 (ppm)	BDL	BDL	BDL	BDL		
PAHs - Method 8270 (ppm)						
Acenaphthene	0.42	BDL	BDL	BDL	84 ppm	1,000/2,500 ppm
Acenaphthylene	1.7	BDL	0.83	BDL	84 ppm	1,000/2,500 ppm
Anthracene	2.0	BDL	0.42	BDL	400 ppm	1,000/2,500 ppm
Benzo(a)anthracene	6.6	BDL	1.4	BDL	1 ppm	1/7.8 ppm
Benzo(a)pyrene	7.9	BDL	2.1	BDL	1 ppm	1/1 ppm
Benzo(b)fluoranthene	9.9	BDL	2.7	BDL	1 ppm	1/7.8 ppm
Benzo(k)fluoranthene	5.6	BDL	1.5	BDL	1 ppm	8.4/78 ppm
Benzo(g,h,i)perylene	6.9	BDL	1.5	BDL	42 ppm	1,000/2,500 ppm
Chrysene	8.8	BDL	1.9	BDL	1 ppm	84/780 ppm
Dibenz(a,h)anthracene	1.4	BDL	BDL	BDL	1 ppm	1/1 ppm
Fluoranthene	15.0	BDL	3.3	BDL	56 ppm	1,000/2,500 ppm
Fluorene	0.62	BDL	BDL	BDL	56 ppm	1,000/2,500 ppm
Indeno(1,2,3-cd)pyrene	5.9	BDL	1.3	BDL	1 ppm	1/7.8 ppm
Phenanthrene	7.9	BDL	1.5	BDL	40 ppm	1,000/2,500 ppm
Pyrene	14.0	BDL	3.2	BDL	40 ppm	1,000/2,500 ppm
Total PAHs	94.64	BDL	21.65	BDL		
Total RCRA 8 Metals - ppm						
Arsenic	10.3	6.24	11.8	5.67		10/10 ppm
Barium	99.9	130	124	79.6		4,700/140,000 ppm
Cadmium	1.65	BDL	0.919	BDL		34/1,000 ppm
Chromium	35.4	31.1	32.6	28.8		100/100 ppm
Lead	440	16.8	336	11.6		500/1,000 ppm
Mercury	0.276	BDL	0.31	BDL		20/610 ppm
SPLP RCRA 8 Metals - ppm						
Lead	0.0093	BDL	BDL	BDL	0.15 ppm	

BDL – Below Detectable Limits (see laboratory reports for compound specific detection limits)

The compounds listed above are those that were detected - please see laboratory reports for full lists of compounds and their specific detection limits.

**TABLE 1(b) - Results of Geoprobe Boring Soil Sample Analyses
163 Connecticut Avenue
Norwalk, Connecticut**

Boring I.D.: Sample Depth:	163-5 0-0.6m 0'-2'	163-6 0-1m 0'-3'	163-7 0-0.6m 0'-2'	163-8 0-0.6m 0'-2'	CTDEP PMC GB Groundwater Area	CTDEP DEC Residential/Commercial & Industrial
CT ETPH - (ppm)	260	BDL	42	65	2,500 ppm	500/2,500 ppm
VOCs - Method 8260 (ppm)	BDL	BDL	BDL	BDL		
PAHs - Method 8270 (ppm)						
Acenaphthylene	0.83	BDL	BDL	BDL	84 ppm	1,000/2,500 ppm
Anthracene	0.47	BDL	BDL	BDL	400 ppm	1,000/2,500 ppm
Benzo(a)anthracene	1.7	BDL	BDL	BDL	1 ppm	1/7.8 ppm
Benzo(a)pyrene	2.4	BDL	BDL	BDL	1 ppm	1/1 ppm
Benzo(b)fluoranthene	3.0	BDL	BDL	BDL	1 ppm	1/7.8 ppm
Benzo(k)fluoranthene	1.5	BDL	BDL	BDL	1 ppm	8.4/78 ppm
Benzo(g,h,i)perylene	2.1	BDL	BDL	BDL	42 ppm	1,000/2,500 ppm
Chrysene	2.3	BDL	BDL	BDL	1 ppm	84/780 ppm
Fluoranthene	4.0	BDL	BDL	BDL	56 ppm	1,000/2,500 ppm
Indeno(1,2,3-cd)pyrene	1.8	BDL	BDL	BDL	1 ppm	1/7.8 ppm
Phenanthrene	1.6	BDL	BDL	BDL	40 ppm	1,000/2,500 ppm
Pyrene	3.5	BDL	BDL	BDL	40 ppm	1,000/2,500 ppm
Total PAHs	25.2	BDL	BDL	BDL		
Total RCRA 8 Metals - ppm						
Arsenic	11.9	5.7	6.59	6.35		10/10 ppm
Barium	129	52.1	72.3	61.4		4,700/140,000 ppm
Cadmium	1.42	BDL	BDL	BDL		34/1,000 ppm
Chromium	40.8	32.6	33.1	31.6		100/100 ppm
Lead	437	10.9	37.5	18.8		500/1,000 ppm
Mercury	0.336	BDL	BDL	BDL		20/610 ppm
SPLP RCRA 8 Metals - ppm						
Lead	0.0087	BDL	BDL	BDL	0.15 ppm	

BDL – Below Detectable Limits (see laboratory reports for compound specific detection limits)

The compounds listed above are those that were detected - please see laboratory reports for full lists of compounds and their specific detection limits.

**TABLE 1(c) - Results of Geoprobe Boring Soil Sample Analyses
163 Connecticut Avenue
Norwalk, Connecticut**

Boring I.D.: Sample Depth:	163-9 0.6-1.2m 2'-4'	163-10 0.6-1.2m 2'-4'	163-11 0-0.6m 0'-2'	163-12 0-0.6m 0'-2'	CTDEP PMC GB Groundwater Area	CTDEP DEC Residential/Commercial & Industrial
CT ETPH - (ppm)	660	120	140	410	2,500 ppm	500/2,500 ppm
VOCs - Method 8260 (ppm)	BDL	BDL	BDL	BDL		
PAHs - Method 8270 (ppm)						
Acenaphthene	0.36	BDL	BDL	BDL	84 ppm	1,000/2,500 ppm
Acenaphthylene	1.2	0.51	BDL	BDL	84 ppm	1,000/2,500 ppm
Anthracene	2.1	0.31	BDL	0.45	400 ppm	1,000/2,500 ppm
Benzo(a)anthracene	8.4	0.96	0.46	1.3	1 ppm	1/7.8 ppm
Benzo(a)pyrene	10.0	1.2	0.54	1.1	1 ppm	1/1 ppm
Benzo(b)fluoranthene	12.0	1.2	0.67	2.1	1 ppm	1/7.8 ppm
Benzo(k)fluoranthene	8.2	0.74	0.36	2.1	1 ppm	8.4/78 ppm
Benzo(g,h,i)perylene	7.9	0.92	0.43	1.5	42 ppm	1,000/2,500 ppm
Chrysene	11.0	1.2	0.57	1.7	1 ppm	84/780 ppm
Dibenz(a,h)anthracene	1.4	BDL	BDL	BDL	1 ppm	1/1 ppm
Fluoranthene	20.0	2.0	1.1	3.3	56 ppm	1,000/2,500 ppm
Fluorene	0.54	2.0	BDL	BDL	56 ppm	1,000/2,500 ppm
Indeno(1,2,3-cd)pyrene	7.2	0.83	0.38	1.4	1 ppm	1/7.8 ppm
Phenanthrene	8.5	0.87	0.51	2.0	40 ppm	1,000/2,500 ppm
Pyrene	18.0	2.0	0.97	2.9	40 ppm	1,000/2,500 ppm
Total PAHs	116.8	14.74	5.99	19.85		
Total RCRA 8 Metals - ppm						
Arsenic	8.13	10.7	7.58	12.7		10/10 ppm
Barium	84.0	101	99.0	230		4,700/140,000 ppm
Cadmium	1.59	0.71	BDL	5.75		34/1,000 ppm
Chromium	29.2	34.6	31.4	45.9		100/100 ppm
Lead	409	212	131	1,270		500/1,000 ppm
Mercury	BDL	0.246	0.308	BDL		20/610 ppm
SPLP RCRA 8 Metals - ppm						
Lead	0.0121	BDL	BDL	0.0674	0.15 ppm	

BDL – Below Detectable Limits (see laboratory reports for compound specific detection limits)

The compounds listed above are those that were detected - please see laboratory reports for full lists of compounds and their specific detection limits.

APPENDIX A
Boring Logs

Date Started: 5/5/03	Logical Environmental Solutions Geoprobe Boring Log	Boring No.: 163-1
Date Finished: 5/5/03		Client: Maguire Group Inc.
Driller: Wayne Lineberry	Project Location: Task 210 Subsurface Site Investigation 163 Connecticut Avenue - Norwalk, CT	Inspector: C. Criscuolo

Depth m	ft	Description	Comments
		Dark-Brown fine SAND, little Silt, trace fine to coarse Gravel	Macro Core Sample 0 - 0.6 m (0' - 2'): PID = 0.9 ppm
0.3	1'		
0.6	2'	Brown SILT, little fine to coarse Gravel & Cobble, trace Sand	Macro Core Sample 0.6 - 1.2 m (2' - 4'): PID = 1.3 ppm
0.9	3'		
1.2	4'		
1.5	5'		
1.8	6'	Refusal at 1.2m (4') on Gray GNEISS	
2.1	7'		
2.4	8'		
2.74	9'		
3	10'		
3.4	11'		
3.7	12'		

Soil Description Explanation Trace = 0-10% Little = 10-20% Some = 20-35% And = 35-50%

Date Started: 5/5/03	Logical Environmental Solutions Geoprobe Boring Log	Boring No.: 163-2
Date Finished: 5/5/03		Client: Maguire Group Inc.
Driller: Wayne Lineberry	Project Location: Task 210 Subsurface Site Investigation 163 Connecticut Avenue - Norwalk, CT	Inspector: C. Criscuolo

Depth m ft	Description	Comments
0.3 1'	Dark-Brown fine SAND, little Silt, trace fine to coarse Gravel	Macro Core Sample 0 - 0.6 m (0' - 2'): PID = 0.4 ppm
0.6 2'		Macro Core Sample 0.6 - 1.2 m (2' - 4'): PID = 0.4 ppm
0.9 3'	Brown SILT, trace fine to coarse Gravel, Sand & Cobble	PID = 0.4 ppm
1.2 4'		Macro Core Sample 1.2 - 1.8m (4' - 6'): PID = 0.5 ppm
1.5 5'		
1.8 6'	Brown fine to coarse SAND, little fine to coarse Gravel & Cobble, trace Silt	
2.1 7'		
2.4 8'	Refusal at 1.8m (6') on Gray GNEISS	
2.74 9'		
3 10'		
3.4 11'		
3.7 12'		

Soil Description Explanation Trace = 0-10% Little = 10-20% Some = 20-35% And = 35-50%

Date Started: 5/5/03	Logical Environmental Solutions Geoprobe Boring Log	Boring No.: 163-3
Date Finished: 5/5/03		Client: Maguire Group Inc.
Driller: Wayne Lineberry	Project Location: Task 210 Subsurface Site Investigation 163 Connecticut Avenue - Norwalk, CT	Inspector: C. Criscuolo

Depth m ft	Description	Comments
	ASPHALT - 5 cm (2")	Macro Core Sample 0 - 0.6 m (0' - 2'):
0.3 1'	Brown SILT, little fine to coarse Gravel & Cobble, trace Sand	PID = 0.6 ppm
0.6 2'	Refusal at 0.6m (2') on Gray GNEISS	
0.9 3'		
1.2 4'		
1.5 5'		
1.8 6'		
2.1 7'		
2.4 8'		
2.74 9'		
3 10'		
3.4 11'		
3.7 12'		

Soil Description Explanation Trace = 0-10% Little = 10-20% Some = 20-35% And = 35-50%

Date Started: 5/5/03	Logical Environmental Solutions Geoprobe Boring Log	Boring No.: 163-4
Date Finished: 5/5/03		Client: Maguire Group Inc.
Driller: Wayne Lineberry	Project Location: Task 210 Subsurface Site Investigation 163 Connecticut Avenue - Norwalk, CT	Inspector: C. Criscuolo

Depth m ft	Description	Comments
0.3 1'	Dark-Brown fine SAND, little Silt, trace fine to coarse Gravel	Macro Core Sample 0 - 0.6 m (0' - 2'): PID = 0.4 ppm
0.6 2'	Brown SILT, trace fine to coarse Gravel, Sand & Cobble	Macro Core Sample 0.6 - 1.2 m (2' - 4'): PID = 1.1 ppm
0.9 3'		
1.2 4'		
1.5 5'		Macro Core Sample 1.2 - 1.8m (4' - 6'): PID = 0.6 ppm
1.8 6'	Brown fine to coarse SAND, little fine to coarse Gravel & Cobble, trace Silt	
2.1 7'		
2.4 8'	Refusal at 1.8m (6') on Gray GNEISS	
2.74 9'		
3 10'		
3.4 11'		
3.7 12'		

Soil Description Explanation Trace = 0-10% Little = 10-20% Some = 20-35% And = 35-50%

Date Started: 5/5/03	Logical Environmental Solutions Geoprobe Boring Log	Boring No.: 163-5
Date Finished: 5/5/03		Client: Maguire Group Inc.
Driller: Wayne Lineberry	Project Location: Task 210 Subsurface Site Investigation 163 Connecticut Avenue - Norwalk, CT	Inspector: C. Criscuolo

Depth m ft	Description	Comments
	ASPHALT - 5 cm (2")	Macro Core Sample 0 - 0.6 m (0' - 2'):
0.3 1'	Brown SILT, little fine to coarse Gravel & Cobble, trace Sand	PID = 1.2 ppm
0.6 2'	Refusal at 0.6m (2') on Gray GNEISS	
0.9 3'		
1.2 4'		
1.5 5'		
1.8 6'		
2.1 7'		
2.4 8'		
2.74 9'		
3 10'		
3.4 11'		
3.7 12'		

Soil Description Explanation Trace = 0-10% Little = 10-20% Some = 20-35% And = 35-50%

Date Started: 5/5/03	Logical Environmental Solutions Geoprobe Boring Log	Boring No.: 163-6
Date Finished: 5/5/03		Client: Maguire Group Inc.
Driller: Wayne Lineberry	Project Location: Task 210 Subsurface Site Investigation 163 Connecticut Avenue - Norwalk, CT	Inspector: C. Criscuolo

Depth m ft	Description	Comments
0.3 1'	ASPHALT - 5 cm (2")	Macro Core Sample 0 - 1 m (0' - 3'): PID = 0.9 ppm
0.6 2'	Brown SILT, little fine to coarse Gravel & Cobble, trace Sand	
0.9 3'		
1.2 4'	Refusal at 1 m (3') on Gray GNEISS	
1.5 5'		
1.8 6'		
2.1 7'		
2.4 8'		
2.74 9'		
3 10'		
3.4 11'		
3.7 12'		

Soil Description Explanation Trace = 0-10% Little = 10-20% Some = 20-35% And = 35-50%

Date Started: 5/5/03	Logical Environmental Solutions Geoprobe Boring Log	Boring No.: 163-7
Date Finished: 5/5/03		Client: Maguire Group Inc.
Driller: Wayne Lineberry	Project Location: Task 210 Subsurface Site Investigation 163 Connecticut Avenue - Norwalk, CT	Inspector: C. Criscuolo

Depth m ft	Description	Comments
	ASPHALT - 5 cm (2")	Macro Core Sample 0 - 0.6 m (0' - 2'):
0.3 1'	Brown SILT, little fine to coarse Gravel & Cobble, trace Sand	PID = 0.9 ppm
0.6 2'	Refusal at 0.6m (2') on Gray GNEISS	
0.9 3'		
1.2 4'		
1.5 5'		
1.8 6'		
2.1 7'		
2.4 8'		
2.74 9'		
3 10'		
3.4 11'		
3.7 12'		

Soil Description Explanation Trace = 0-10% Little = 10-20% Some = 20-35% And = 35-50%

Date Started: 5/5/03	Logical Environmental Solutions Geoprobe Boring Log	Boring No.: 163-8
Date Finished: 5/5/03		Client: Maguire Group Inc.
Driller: Wayne Lineberry	Project Location: Task 210 Subsurface Site Investigation 163 Connecticut Avenue - Norwalk, CT	Inspector: C. Criscuolo

Depth m ft	Description	Comments
	ASPHALT - 2.5 cm (1")	Macro Core Sample 0 - 0.6 m (0' - 2'):
0.3 1'	Brown SILT, little fine to coarse Gravel & Cobble, trace Sand	PID = 0.7 ppm
0.6 2'	Refusal at 0.6m (2') on Gray GNEISS	
0.9 3'		
1.2 4'		
1.5 5'		
1.8 6'		
2.1 7'		
2.4 8'		
2.74 9'		
3 10'		
3.4 11'		
3.7 12'		

Soil Description Explanation Trace = 0-10% Little = 10-20% Some = 20-35% And = 35-50%

Date Started: 5/5/03	Logical Environmental Solutions Geoprobe Boring Log	Boring No.: 163-9
Date Finished: 5/5/03		Client: Maguire Group Inc.
Driller: Wayne Lineberry	Project Location: Task 210 Subsurface Site Investigation 163 Connecticut Avenue - Norwalk, CT	Inspector: C. Criscuolo

Depth m ft	Description	Comments
0.3 1'	Dark-Brown fine SAND, little Silt, trace fine to coarse Gravel	Macro Core Sample 0 - 0.6 m (0' - 2'): PID = 1.1 ppm
0.6 2'	Brown SILT, little fine to coarse Gravel & Cobble, trace Sand	Macro Core Sample 0.6 - 1.2 m (2' - 4'): PID = 1.6 ppm
0.9 3'		
1.2 4'	Refusal at 1.2m (4') on Gray GNEISS	
1.5 5'		
1.8 6'		
2.1 7'		
2.4 8'		
2.74 9'		
3 10'		
3.4 11'		
3.7 12'		

Soil Description Explanation Trace = 0-10% Little = 10-20% Some = 20-35% And = 35-50%

Date Started: 5/5/03	Logical Environmental Solutions Geoprobe Boring Log	Boring No.: 163-10
Date Finished: 5/5/03		Client: Maguire Group Inc.
Driller: Wayne Lineberry	Project Location: Task 210 Subsurface Site Investigation 163 Connecticut Avenue - Norwalk, CT	Inspector: C. Criscuolo

Depth m ft	Description	Comments
0.3 1'	Dark-Brown fine SAND, little Silt, trace fine to coarse Gravel	Macro Core Sample 0 - 0.6 m (0' - 2'); PID = 0.7 ppm
0.6 2'	Brown SILT, little fine to coarse Gravel & Cobble, trace Sand	Macro Core Sample 0.6 - 1.2 m (2' - 4'); PID = 0.8 ppm
0.9 3'		
1.2 4'		
1.5 5'		
1.8 6'	Refusal at 1.2m (4') on Gray GNEISS	
2.1 7'		
2.4 8'		
2.74 9'		
3 10'		
3.4 11'		
3.7 12'		

Soil Description Explanation Trace = 0-10% Little = 10-20% Some = 20-35% And = 35-50%

Date Started: 5/5/03	Logical Environmental Solutions Geoprobe Boring Log	Boring No.: 163-11
Date Finished: 5/5/03		Client: Maguire Group Inc.
Driller: Wayne Lineberry	Project Location: Task 210 Subsurface Site Investigation 163 Connecticut Avenue - Norwalk, CT	Inspector: C. Criscuolo

Depth m ft	Description	Comments
0.3 1'	ASPHALT - 5 cm (2") Brown SILT, little fine to coarse Gravel & Cobble, trace Sand	Macro Core Sample 0 - 0.6 m (0' - 2'): PID = 0.6 ppm
0.6 2'	Refusal at 0.6m (2') on Gray GNEISS	
0.9 3'		
1.2 4'		
1.5 5'		
1.8 6'		
2.1 7'		
2.4 8'		
2.74 9'		
3 10'		
3.4 11'		
3.7 12'		

Soil Description Explanation Trace = 0-10% Little = 10-20% Some = 20-35% And = 35-50%

Date Started: 5/5/03	Logical Environmental Solutions Geoprobe Boring Log	Boring No.: 163-12
Date Finished: 5/5/03		Client: Maguire Group Inc.
Driller: Wayne Lineberry	Project Location: Task 210 Subsurface Site Investigation 163 Connecticut Avenue - Norwalk, CT	Inspector: C. Criscuolo

Depth m ft	Description	Comments
	Dark-Brown fine SAND, little Silt, trace fine to coarse Gravel	Macro Core Sample 0 - 0.6m (0'-2') - - -
0.3 1'	Brown SILT, little fine to coarse Gravel & Cobble, trace Sand	PID = 1.3 ppm
0.6 2'	Refusal at 0.6m (2') on Gray GNEISS	
0.9 3'		
1.2 4'		
1.5 5'		
1.8 6'		
2.1 7'		
2.4 8'		
2.74 9'		
3 10'		
3.4 11'		
3.7 12'		

Soil Description Explanation Trace = 0-10% Little = 10-20% Some = 20-35% And = 35-50%

APPENDIX B
Soil Sample
Laboratory Reports

SPECTRUM ANALYTICAL, INC.

Laboratory Report

Location: 163 Connecticut Ave-Norwalk CT
Client: LES
Lab ID No: AD84308
Client Id: 163-1 2-4ft

Client Project No: 102278
Submittal Date: 5/6/2003
Collection Date: 5/5/2003
Matrix: Soil

Parameter	Results	Units	PQL	Start Date	Analyst	Method
VOC Preparation						
<i>VOC Extraction (solid)</i>						
Extraction Technique	Laboratory			5/12/2003	SS	
Sample Introduction SW846 5030	N/A			5/12/2003	SS	
Sample Introduction SW846 5035	Completed			5/12/2003	SS	
Sample Introduction SW846.5035 Mod	N/A			5/12/2003	SS	
Volatile Organic Compounds						
<i>VOCs by GC/MS</i>						
Acetone	Below det lim	ug/Kg	300	5/12/2003	CH	SW846 8260B
Acrylonitrile	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Benzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Bromobenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Bromochloromethane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Bromodichloromethane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Bromoform	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Bromomethane	Below det lim	ug/Kg	10.0	5/12/2003	CH	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/Kg	50.0	5/12/2003	CH	SW846 8260B
n-Butylbenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
sec-Butylbenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
tert-Butylbenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Carbon disulfide	Below det lim	ug/Kg	25.0	5/12/2003	CH	SW846 8260B
Carbon tetrachloride	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Chlorobenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Chloroethane	Below det lim	ug/Kg	10.0	5/12/2003	CH	SW846 8260B
Chloroform	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Chloromethane	Below det lim	ug/Kg	10.0	5/12/2003	CH	SW846 8260B
2-Chlorotoluene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
4-Chlorotoluene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/Kg	10.0	5/12/2003	CH	SW846 8260B
Dibromochloromethane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Dibromomethane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/Kg	10.0	5/12/2003	CH	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B

Lab ID No: AD84308
Client Id: 163-1 2-4ft

Collection Date: 5/5/2003
Matrix Soil

Parameter	Results	Units	PQL	Start Date	Analyst	Method
1,2-Dichloroethane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
cis-1,2-Dichloroethene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Ethylbenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Hexachlorobutadiene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/Kg	50.0	5/12/2003	CH	SW846 8260B
Isopropylbenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/Kg	50.0	5/12/2003	CH	SW846 8260B
Methylene chloride	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Naphthalene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
n-Propylbenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Styrene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Tetrachloroethene (PCE)	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Toluene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Trichloroethene (TCE)	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Vinyl chloride	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
m,p-Xylenes	Below det lim	ug/Kg	10.0	5/12/2003	CH	SW846 8260B
o-Xylene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
4-Bromofluorobenzene (%SR)	89	ug/Kg	0.000	5/12/2003	CH	SW846 8260B
Dibromofluoromethane (%SR)	104	ug/Kg	0.000	5/12/2003	CH	SW846 8260B
1,2-Dichloroethane-d4 (%SR)	114	ug/Kg	0.000	5/12/2003	CH	SW846 8260B
Toluene-d8 (%SR)	100	ug/Kg	0.000	5/12/2003	CH	SW846 8260B

Lab ID No: AD84308

Client Id: 163-1 2-4ft

Collection Date: 5/5/2003

Matrix Soil

Parameter	Results	Units	PQL	Start Date	Analyst	Method
TPH Preparation						
Ultrasonic Extraction	Completed			5/9/2003	AM	SW846 3550B
Petroleum Hydrocarbon Analysis						
<i>Extractable TPH</i>						
Total Petroleum Hydrocarbons (C9-C36)	590	mg/Kg	20	5/12/2003	KG	CT ETPH
Gasoline	Below det lim	mg/Kg	20	5/12/2003	KG	CT ETPH
Fuel Oil #2	Below det lim	mg/Kg	20	5/12/2003	KG	CT ETPH
Fuel Oil #4	Below det lim	mg/Kg	20	5/12/2003	KG	CT ETPH
Fuel Oil #6	Below det lim	mg/Kg	20	5/12/2003	KG	CT ETPH
Motor Oil	*	mg/Kg	20	5/12/2003	KG	CT ETPH
Aviation Fuel	Below det lim	mg/Kg	20	5/12/2003	KG	CT ETPH
Unidentified	590	mg/Kg	20	5/12/2003	KG	CT ETPH
Other Oil	Below det lim	mg/Kg	20	5/12/2003	KG	CT ETPH
1-Chloro-octadecane (%SR)	80	mg/Kg	0.	5/12/2003	KG	CT ETPH
SVOC Preparation						
Ultrasonic Extraction	Completed			5/9/2003	AM	SW846 3550B
Semivolatile Organic Compounds						
<i>PAHs by GC/MS</i>						
Naphthalene	Below det lim	ug/Kg	212	5/12/2003	MSL	SW846 8270C
2-Methylnaphthalene	Below det lim	ug/Kg	212	5/12/2003	MSL	SW846 8270C
1-Methylnaphthalene	Below det lim	ug/Kg	212	5/12/2003	MSL	SW846 8270C
Acenaphthylene	1,700	ug/Kg	212	5/12/2003	MSL	SW846 8270C
Acenaphthene	420	ug/Kg	212	5/12/2003	MSL	SW846 8270C
Fluorene	620	ug/Kg	212	5/12/2003	MSL	SW846 8270C
Phenanthrene	7,900	ug/Kg	212	5/12/2003	MSL	SW846 8270C
Anthracene	2,000	ug/Kg	212	5/12/2003	MSL	SW846 8270C
Fluoranthene	15,000	ug/Kg	212	5/12/2003	MSL	SW846 8270C
Pyrene	14,000	ug/Kg	212	5/12/2003	MSL	SW846 8270C
Benzo (a) anthracene	6,600	ug/Kg	212	5/12/2003	MSL	SW846 8270C
Chrysene	8,800	ug/Kg	212	5/12/2003	MSL	SW846 8270C
Benzo (b) fluoranthene	9,900	ug/Kg	212	5/12/2003	MSL	SW846 8270C
Benzo (k) fluoranthene	5,600	ug/Kg	212	5/12/2003	MSL	SW846 8270C
Benzo (a) pyrene	7,900	ug/Kg	212	5/12/2003	MSL	SW846 8270C
Indeno (1,2,3-cd) pyrene	5,900	ug/Kg	212	5/12/2003	MSL	SW846 8270C
Dibenzo (a,h) anthracene	1,400	ug/Kg	212	5/12/2003	MSL	SW846 8270C
Benzo (g,h,i) perylene	6,900	ug/Kg	212	5/12/2003	MSL	SW846 8270C
2-Fluorobiphenyl (%SR)	61	ug/Kg	0.000	5/12/2003	MSL	SW846 8270C
Terphenyl-d14 (%SR)	58	ug/Kg	0.000	5/12/2003	MSL	SW846 8270C
Metals Preparation						
Mercury Digestion	Completed			5/12/2003	LR	EPA 245.2

Lab ID No: AD84308
Client Id: 163-1 2-4ft

Collection Date: 5/5/2003
Matrix Soil

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Mercury Digestion on Leachate	Completed			5/10/2003	LR	EPA 245.2
Metals Digestion	Completed			5/12/2003	LR	EPA 200.7
Metals Digestion on Leachate	Completed			5/10/2003	LR	EPA 200.7
Metals Analysis						
SPLP RCRA8 Metals						
SPLP Arsenic	Below det lim	mg/L	0.015	5/12/2003	RE	1312/200.7
SPLP Barium	Below det lim	mg/L	0.150	5/12/2003	RE	1312/200.7
SPLP Cadmium	Below det lim	mg/L	0.0025	5/12/2003	RE	1312/200.7
SPLP Chromium	Below det lim	mg/L	0.005	5/12/2003	RE	1312/200.7
SPLP Lead	0.0093	mg/L	0.0075	5/12/2003	RE	1312/200.7
SPLP Selenium	Below det lim	mg/L	0.015	5/12/2003	RE	1312/200.7
SPLP Silver	Below det lim	mg/L	0.010	5/12/2003	RE	1312/200.7
SPLP Mercury	Below det lim	mg/L	0.0004	5/13/2003	EPE	1312/7470A
Total RCRA8 Metals						
Total Arsenic	10.3	mg/Kg	3.58	5/13/2003	RE	EPA 200.7
Total Barium	99.9	mg/Kg	1.19	5/13/2003	RE	EPA 200.7
Total Cadmium	1.65	mg/Kg	0.597	5/13/2003	RE	EPA 200.7
Total Chromium	35.4	mg/Kg	1.19	5/13/2003	RE	EPA 200.7
Total Lead	440	mg/Kg	1.79	5/13/2003	RE	EPA 200.7
Total Selenium	Below det lim	mg/Kg	3.58	5/13/2003	RE	EPA 200.7
Total Silver	Below det lim	mg/Kg	2.39	5/13/2003	RE	EPA 200.7
Total Mercury	0.276	mg/Kg	0.225	5/13/2003	EPE	SW846 7471A
TCLP/SPLP Preparation						
SPLP Extraction for Metals	Completed			5/8/2003	KP	SW846 1312
% Solids	75.3	%		5/9/2003	BH	SM2540 B Mod.

Lab ID No: AD84309
Client Id: 163-2 4-6ft

Collection Date: 5/5/2003
Matrix Soil

Parameter	Results	Units	PQL	Start Date	Analyst	Method
VOC Preparation						
VOC Extraction (solid)						
Extraction Technique	Laboratory			5/12/2003	SS	
Sample Introduction SW846 5030	N/A			5/12/2003	SS	
Sample Introduction SW846 5035	Completed			5/12/2003	SS	
Sample Introduction SW846 5035 Mod	N/A			5/12/2003	SS	
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/Kg	150	5/12/2003	CH	SW846 8260B
Acrylonitrile	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Benzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Bromobenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Bromochloromethane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Bromodichloromethane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Bromoform	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Bromomethane	Below det lim	ug/Kg	10.0	5/12/2003	CH	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/Kg	50.0	5/12/2003	CH	SW846 8260B
n-Butylbenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
sec-Butylbenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
tert-Butylbenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Carbon disulfide	Below det lim	ug/Kg	25.0	5/12/2003	CH	SW846 8260B
Carbon tetrachloride	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Chlorobenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Chloroethane	Below det lim	ug/Kg	10.0	5/12/2003	CH	SW846 8260B
Chloroform	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Chloromethane	Below det lim	ug/Kg	10.0	5/12/2003	CH	SW846 8260B
2-Chlorotoluene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
4-Chlorotoluene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/Kg	10.0	5/12/2003	CH	SW846 8260B
Dibromochloromethane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Dibromomethane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/Kg	10.0	5/12/2003	CH	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
cis-1,2-Dichloroethene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B

Lab ID No: AD84309
 Client Id: 163-2 4-6ft

Collection Date: 5/5/2003
 Matrix Soil

Parameter	Results	Units	PQL	Start Date	Analyst	Method
1,3-Dichloropropane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Ethylbenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Hexachlorobutadiene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/Kg	50.0	5/12/2003	CH	SW846 8260B
Isopropylbenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/Kg	50.0	5/12/2003	CH	SW846 8260B
Methylene chloride	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Naphthalene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
n-Propylbenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Styrene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Tetrachloroethene (PCE)	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Toluene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Trichloroethene (TCE)	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Vinyl chloride	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
m,p-Xylenes	Below det lim	ug/Kg	10.0	5/12/2003	CH	SW846 8260B
o-Xylene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
4-Bromofluorobenzene (%SR)	89	ug/Kg	0.000	5/12/2003	CH	SW846 8260B
Dibromofluoromethane (%SR)	105	ug/Kg	0.000	5/12/2003	CH	SW846 8260B
1,2-Dichloroethane-d4 (%SR)	112	ug/Kg	0.000	5/12/2003	CH	SW846 8260B
Toluene-d8 (%SR)	102	ug/Kg	0.000	5/12/2003	CH	SW846 8260B

TPH Preparation

Ultrasonic Extraction	Completed			5/9/2003	AM	SW846 3550B
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Petroleum Hydrocarbon Analysis

Extractable TPH

Total Petroleum Hydrocarbons (C9-C36)	Below det lim	mg/Kg	20	5/12/2003	KG	CTETPH
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Lab ID No: AD84309
Client Id: 163-2 4-6ft

Collection Date: 5/5/2003
Matrix Soil

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Gasoline	Below det lim	mg/Kg	20	5/12/2003	KG	CT ETPH
Fuel Oil #2	Below det lim	mg/Kg	20	5/12/2003	KG	CT ETPH
Fuel Oil #4	Below det lim	mg/Kg	20	5/12/2003	KG	CT ETPH
Fuel Oil #6	Below det lim	mg/Kg	20	5/12/2003	KG	CT ETPH
Motor Oil	Below det lim	mg/Kg	20	5/12/2003	KG	CT ETPH
Aviation Fuel	Below det lim	mg/Kg	20	5/12/2003	KG	CT ETPH
Unidentified	Below det lim	mg/Kg	20	5/12/2003	KG	CT ETPH
Other Oil	Below det lim	mg/Kg	20	5/12/2003	KG	CT ETPH
1-Chloro-octadecane (%SR)	67	mg/Kg	0.	5/12/2003	KG	CT ETPH

SVOC Preparation

Ultrasonic Extraction	Completed			5/9/2003	AM	SW846 3550B
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Semivolatile Organic Compounds

PAHs by GC/MS

Naphthalene	Below det lim	ug/Kg	159	5/12/2003	MSL	SW846 8270C
2-Methylnaphthalene	Below det lim	ug/Kg	159	5/12/2003	MSL	SW846 8270C
1-Methylnaphthalene	Below det lim	ug/Kg	159	5/12/2003	MSL	SW846 8270C
Acenaphthylene	Below det lim	ug/Kg	159	5/12/2003	MSL	SW846 8270C
Acenaphthene	Below det lim	ug/Kg	159	5/12/2003	MSL	SW846 8270C
Fluorene	Below det lim	ug/Kg	159	5/12/2003	MSL	SW846 8270C
Phenanthrene	Below det lim	ug/Kg	159	5/12/2003	MSL	SW846 8270C
Anthracene	Below det lim	ug/Kg	159	5/12/2003	MSL	SW846 8270C
Fluoranthene	Below det lim	ug/Kg	159	5/12/2003	MSL	SW846 8270C
Pyrene	Below det lim	ug/Kg	159	5/12/2003	MSL	SW846 8270C
Benzo (a) anthracene	Below det lim	ug/Kg	159	5/12/2003	MSL	SW846 8270C
Chrysene	Below det lim	ug/Kg	159	5/12/2003	MSL	SW846 8270C
Benzo (b) fluoranthene	Below det lim	ug/Kg	159	5/12/2003	MSL	SW846 8270C
Benzo (k) fluoranthene	Below det lim	ug/Kg	159	5/12/2003	MSL	SW846 8270C
Benzo (a) pyrene	Below det lim	ug/Kg	159	5/12/2003	MSL	SW846 8270C
Indeno (1,2,3-cd) pyrene	Below det lim	ug/Kg	159	5/12/2003	MSL	SW846 8270C
Dibenzo (a,h) anthracene	Below det lim	ug/Kg	159	5/12/2003	MSL	SW846 8270C
Benzo (g,h,i) perylene	Below det lim	ug/Kg	159	5/12/2003	MSL	SW846 8270C
2-Fluorobiphenyl (%SR)	60	ug/Kg	0.000	5/12/2003	MSL	SW846 8270C
Terphenyl-d14 (%SR)	56	ug/Kg	0.000	5/12/2003	MSL	SW846 8270C

Metals Preparation

Mercury Digestion	Completed			5/12/2003	LR	EPA 245.2
Mercury Digestion on Leachate	Completed			5/10/2003	LR	EPA 245.2
Metals Digestion	Completed			5/12/2003	LR	EPA 200.7
Metals Digestion on Leachate	Completed			5/10/2003	LR	EPA 200.7

Metals Analysis

Lab ID No: AD84309
Client Id: 163-2 4-6ft

Collection Date: 5/5/2003
Matrix Soil

Parameter	Results	Units	PQL	Start Date	Analyst	Method
SPLP RCRA8 Metals						
SPLP Arsenic	Below det lim	mg/L	0.015	5/12/2003	RE	1312/200.7
SPLP Barium	Below det lim	mg/L	0.005	5/12/2003	RE	1312/200.7
SPLP Cadmium	Below det lim	mg/L	0.0025	5/12/2003	RE	1312/200.7
SPLP Chromium	Below det lim	mg/L	0.005	5/12/2003	RE	1312/200.7
SPLP Lead	Below det lim	mg/L	0.0075	5/12/2003	RE	1312/200.7
SPLP Selenium	Below det lim	mg/L	0.015	5/12/2003	RE	1312/200.7
SPLP Silver	Below det lim	mg/L	0.010	5/12/2003	RE	1312/200.7
SPLP Mercury	Below det lim	mg/L	0.0004	5/13/2003	EPE	1312/7470A
Total RCRA8 Metals						
Total Arsenic	6.24	mg/Kg	2.97	5/13/2003	RE	EPA 200.7
Total Barium	130	mg/Kg	0.991	5/13/2003	RE	EPA 200.7
Total Cadmium	Below det lim	mg/Kg	0.496	5/13/2003	RE	EPA 200.7
Total Chromium	31.1	mg/Kg	0.991	5/13/2003	RE	EPA 200.7
Total Lead	16.8	mg/Kg	1.49	5/13/2003	RE	EPA 200.7
Total Selenium	Below det lim	mg/Kg	2.97	5/13/2003	RE	EPA 200.7
Total Silver	Below det lim	mg/Kg	1.98	5/13/2003	RE	EPA 200.7
Total Mercury	Below det lim	mg/Kg	0.178	5/13/2003	EPE	SW846 7471A
TCLP/SPLP Preparation						
SPLP Extraction for Metals	Completed			5/8/2003	KP	SW846 1312
% Solids	86.2	%		5/9/2003	BH	SM2540 B Mod.

Lab ID No: AD84310
Client Id: 163-3 0-2ft

Collection Date: 5/5/2003
Matrix Soil

Parameter	Results	Units	PQL	Start Date	Analyst	Method
VOC Preparation						
<i>VOC Extraction (solid)</i>						
Extraction Technique	Laboratory			5/12/2003	SS	
Sample Introduction SW846 5030	N/A			5/12/2003	SS	
Sample Introduction SW846 5035	Completed			5/12/2003	SS	
Sample Introduction SW846 5035 Mod	N/A			5/12/2003	SS	
Volatile Organic Compounds						
<i>VOCs by GC/MS</i>						
Acetone	Below det lim	ug/Kg	400	5/12/2003	CH	SW846 8260B
Acrylonitrile	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Benzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Bromobenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Bromochloromethane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Bromodichloromethane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Bromoform	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Bromomethane	Below det lim	ug/Kg	10.0	5/12/2003	CH	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/Kg	50.0	5/12/2003	CH	SW846 8260B
n-Butylbenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
sec-Butylbenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
tert-Butylbenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Carbon disulfide	Below det lim	ug/Kg	25.0	5/12/2003	CH	SW846 8260B
Carbon tetrachloride	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Chlorobenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Chloroethane	Below det lim	ug/Kg	10.0	5/12/2003	CH	SW846 8260B
Chloroform	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Chloromethane	Below det lim	ug/Kg	10.0	5/12/2003	CH	SW846 8260B
2-Chlorotoluene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
4-Chlorotoluene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/Kg	10.0	5/12/2003	CH	SW846 8260B
Dibromochloromethane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Dibromomethane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/Kg	10.0	5/12/2003	CH	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
cis-1,2-Dichloroethene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B

Lab ID No: AD84310

Client Id: 163-3 0-2ft

Collection Date: 5/5/2003

Matrix Soil

Parameter	Results	Units	PQL	Start Date	Analyst	Method
1,3-Dichloropropane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Ethylbenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Hexachlorobutadiene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/Kg	50.0	5/12/2003	CH	SW846 8260B
Isopropylbenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/Kg	50.0	5/12/2003	CH	SW846 8260B
Methylene chloride	Below det lim	ug/Kg	6.00	5/12/2003	CH	SW846 8260B
Naphthalene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
n-Propylbenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Styrene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Tetrachloroethene (PCE)	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Toluene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Trichloroethene (TCE)	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Vinyl chloride	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
m,p-Xylenes	Below det lim	ug/Kg	10.0	5/12/2003	CH	SW846 8260B
o-Xylene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
4-Bromofluorobenzene (%SR)	85	ug/Kg	0.000	5/12/2003	CH	SW846 8260B
Dibromofluoromethane (%SR)	105	ug/Kg	0.000	5/12/2003	CH	SW846 8260B
1,2-Dichloroethane-d4 (%SR)	112	ug/Kg	0.000	5/12/2003	CH	SW846 8260B
Toluene-d8 (%SR)	99	ug/Kg	0.000	5/12/2003	CH	SW846 8260B

TPH Preparation

Ultrasonic Extraction	Completed			5/9/2003	AM	SW846 3550B
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Petroleum Hydrocarbon Analysis**Extractable TPH**

Total Petroleum Hydrocarbons (C9-C36)	210	mg/Kg	20	5/12/2003	KG	CT ETPH
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Lab ID No: AD84310
Client Id: 163-3 0-2ft

Collection Date: 5/5/2003
Matrix Soil

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Gasoline	Below det lim	mg/Kg	20	5/12/2003	KG	CT ETPH
Fuel Oil #2	Below det lim	mg/Kg	20	5/12/2003	KG	CT ETPH
Fuel Oil #4	Below det lim	mg/Kg	20	5/12/2003	KG	CT ETPH
Fuel Oil #6	Below det lim	mg/Kg	20	5/12/2003	KG	CT ETPH
Motor Oil	*	mg/Kg	20	5/12/2003	KG	CT ETPH
Aviation Fuel	Below det lim	mg/Kg	20	5/12/2003	KG	CT ETPH
Unidentified	210	mg/Kg	20	5/12/2003	KG	CT ETPH
Other Oil	Below det lim	mg/Kg	20	5/12/2003	KG	CT ETPH
1-Chloro-octadecane (%SR)	52	mg/Kg	0.	5/12/2003	KG	CT ETPH

SVOC Preparation

Ultrasonic Extraction	Completed			5/9/2003	AM	SW846 3550B
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Semivolatile Organic Compounds

PAHs by GC/MS

Naphthalene	Below det lim	ug/Kg	217	5/12/2003	MSL	SW846 8270C
2-Methylnaphthalene	Below det lim	ug/Kg	217	5/12/2003	MSL	SW846 8270C
1-Methylnaphthalene	Below det lim	ug/Kg	217	5/12/2003	MSL	SW846 8270C
Acenaphthylene	830	ug/Kg	217	5/12/2003	MSL	SW846 8270C
Acenaphthene	Below det lim	ug/Kg	217	5/12/2003	MSL	SW846 8270C
Fluorene	Below det lim	ug/Kg	217	5/12/2003	MSL	SW846 8270C
Phenanthrene	1,500	ug/Kg	217	5/12/2003	MSL	SW846 8270C
Anthracene	420	ug/Kg	217	5/12/2003	MSL	SW846 8270C
Fluoranthene	3,300	ug/Kg	217	5/12/2003	MSL	SW846 8270C
Pyrene	3,200	ug/Kg	217	5/12/2003	MSL	SW846 8270C
Benzo (a) anthracene	1,400	ug/Kg	217	5/12/2003	MSL	SW846 8270C
Chrysene	1,900	ug/Kg	217	5/12/2003	MSL	SW846 8270C
Benzo (b) fluoranthene	2,700	ug/Kg	217	5/12/2003	MSL	SW846 8270C
Benzo (k) fluoranthene	1,500	ug/Kg	217	5/12/2003	MSL	SW846 8270C
Benzo (a) pyrene	2,100	ug/Kg	217	5/12/2003	MSL	SW846 8270C
Indeno (1,2,3-cd) pyrene	1,300	ug/Kg	217	5/12/2003	MSL	SW846 8270C
Dibenzo (a,h) anthracene	Below det lim	ug/Kg	217	5/12/2003	MSL	SW846 8270C
Benzo (g,h,i) perylene	1,500	ug/Kg	217	5/12/2003	MSL	SW846 8270C
2-Fluorobiphenyl (%SR)	76	ug/Kg	0.000	5/12/2003	MSL	SW846 8270C
Terphenyl-d14 (%SR)	72	ug/Kg	0.000	5/12/2003	MSL	SW846 8270C

Metals Preparation

Mercury Digestion	Completed			5/12/2003	LR	EPA 245.2
Mercury Digestion on Leachate	Completed			5/10/2003	LR	EPA 245.2
Metals Digestion	Completed			5/12/2003	LR	EPA 200.7
Metals Digestion on Leachate	Completed			5/10/2003	LR	EPA 200.7

Metals Analysis

Lab ID No: AD84310
Client Id: 163-3 0-2ft

Collection Date: 5/5/2003
Matrix Soil

Parameter	Results	Units	PQL	Start Date	Analyst	Method
SPLP RCRA8 Metals						
SPLP Arsenic	Below det lim	mg/L	0.015	5/12/2003	RE	1312/200.7
SPLP Barium	Below det lim	mg/L	0.006	5/12/2003	RE	1312/200.7
SPLP Cadmium	Below det lim	mg/L	0.0025	5/12/2003	RE	1312/200.7
SPLP Chromium	Below det lim	mg/L	0.005	5/12/2003	RE	1312/200.7
SPLP Lead	Below det lim	mg/L	0.0075	5/12/2003	RE	1312/200.7
SPLP Selenium	Below det lim	mg/L	0.015	5/12/2003	RE	1312/200.7
SPLP Silver	Below det lim	mg/L	0.010	5/12/2003	RE	1312/200.7
SPLP Mercury	Below det lim	mg/L	0.0004	5/13/2003	EPE	1312/7470A
Total RCRA8 Metals						
Total Arsenic	11.8	mg/Kg	3.73	5/13/2003	RE	EPA 200.7
Total Barium	124	mg/Kg	1.24	5/13/2003	RE	EPA 200.7
Total Cadmium	0.919	mg/Kg	0.621	5/13/2003	RE	EPA 200.7
Total Chromium	32.6	mg/Kg	1.24	5/13/2003	RE	EPA 200.7
Total Lead	336	mg/Kg	1.86	5/13/2003	RE	EPA 200.7
Total Selenium	Below det lim	mg/Kg	3.73	5/13/2003	RE	EPA 200.7
Total Silver	Below det lim	mg/Kg	2.48	5/13/2003	RE	EPA 200.7
Total Mercury	0.310	mg/Kg	0.218	5/13/2003	EPE	SW846 7471A
TCLP/SPLP Preparation						
SPLP Extraction for Metals	Completed			5/8/2003	KP	SW846 1312
% Solids	71.9	%		5/9/2003	BH	SM2540 B Mod.

Lab ID No: AD84311
Client Id: 163-4 2-4ft

Collection Date: 5/5/2003
Matrix Soil

Parameter	Results	Units	PQL	Start Date	Analyst	Method
VOC Preparation						
<i>VOC Extraction (solid)</i>						
Extraction Technique	Laboratory			5/12/2003	SS	
Sample Introduction SW846 5030	N/A			5/12/2003	SS	
Sample Introduction SW846 5035	Completed			5/12/2003	SS	
Sample Introduction SW846 5035 Mod	N/A			5/12/2003	SS	
Volatile Organic Compounds						
<i>VOCs by GC/MS</i>						
Acetone	Below det lim	ug/Kg	300	5/12/2003	CH	SW846 8260B
Acrylonitrile	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Benzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Bromobenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Bromochloromethane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Bromodichloromethane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Bromoform	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Bromomethane	Below det lim	ug/Kg	10.0	5/12/2003	CH	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/Kg	50.0	5/12/2003	CH	SW846 8260B
n-Butylbenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
sec-Butylbenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
tert-Butylbenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Carbon disulfide	Below det lim	ug/Kg	25.0	5/12/2003	CH	SW846 8260B
Carbon tetrachloride	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Chlorobenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Chloroethane	Below det lim	ug/Kg	10.0	5/12/2003	CH	SW846 8260B
Chloroform	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Chloromethane	Below det lim	ug/Kg	10.0	5/12/2003	CH	SW846 8260B
2-Chlorotoluene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
4-Chlorotoluene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/Kg	10.0	5/12/2003	CH	SW846 8260B
Dibromochloromethane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Dibromomethane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/Kg	10.0	5/12/2003	CH	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
cis-1,2-Dichloroethene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B

Lab ID No: AD84311
 Client Id: 163-4 2-4ft

Collection Date: 5/5/2003
 Matrix Soil

Parameter	Results	Units	PQL	Start Date	Analyst	Method
1,3-Dichloropropane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Ethylbenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Hexachlorobutadiene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/Kg	50.0	5/12/2003	CH	SW846 8260B
Isopropylbenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/Kg	50.0	5/12/2003	CH	SW846 8260B
Methylene chloride	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Naphthalene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
n-Propylbenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Styrene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Tetrachloroethene (PCE)	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Toluene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Trichloroethene (TCE)	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Vinyl chloride	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
m,p-Xylenes	Below det lim	ug/Kg	10.0	5/12/2003	CH	SW846 8260B
o-Xylene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
4-Bromofluorobenzene (%SR)	81	ug/Kg	0.000	5/12/2003	CH	SW846 8260B
Dibromofluoromethane (%SR)	108	ug/Kg	0.000	5/12/2003	CH	SW846 8260B
1,2-Dichloroethane-d4 (%SR)	114	ug/Kg	0.000	5/12/2003	CH	SW846 8260B
Toluene-d8 (%SR)	95	ug/Kg	0.000	5/12/2003	CH	SW846 8260B

TPH Preparation

Ultrasonic Extraction	Completed			5/9/2003	AM	SW846 3550B
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Petroleum Hydrocarbon Analysis

Extractable TPH

Total Petroleum Hydrocarbons (C9-C36)	Below det lim	mg/Kg	20	5/13/2003	KG	CT ETPH
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Lab ID No: AD84311
Client Id: 163-4 2-4ft

Collection Date: 5/5/2003
Matrix Soil

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Gasoline	Below det lim	mg/Kg	20	5/13/2003	KG	CT ETPH
Fuel Oil #2	Below det lim	mg/Kg	20	5/13/2003	KG	CT ETPH
Fuel Oil #4	Below det lim	mg/Kg	20	5/13/2003	KG	CT ETPH
Fuel Oil #6	Below det lim	mg/Kg	20	5/13/2003	KG	CT ETPH
Motor Oil	Below det lim	mg/Kg	20	5/13/2003	KG	CT ETPH
Aviation Fuel	Below det lim	mg/Kg	20	5/13/2003	KG	CT ETPH
Unidentified	Below det lim	mg/Kg	20	5/13/2003	KG	CT ETPH
Other Oil	Below det lim	mg/Kg	20	5/13/2003	KG	CT ETPH
1-Chloro-octadecane (%SR)	49	mg/Kg	0.	5/13/2003	KG	CT ETPH

SVOC Preparation

Ultrasonic Extraction	Completed			5/9/2003	AM	SW846 3550B
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Semivolatile Organic Compounds

PAHs by GC/MS

Naphthalene	Below det lim	ug/Kg	187	5/12/2003	MSL	SW846 8270C
2-Methylnaphthalene	Below det lim	ug/Kg	187	5/12/2003	MSL	SW846 8270C
1-Methylnaphthalene	Below det lim	ug/Kg	187	5/12/2003	MSL	SW846 8270C
Acenaphthylene	Below det lim	ug/Kg	187	5/12/2003	MSL	SW846 8270C
Acenaphthene	Below det lim	ug/Kg	187	5/12/2003	MSL	SW846 8270C
Fluorene	Below det lim	ug/Kg	187	5/12/2003	MSL	SW846 8270C
Phenanthrene	Below det lim	ug/Kg	187	5/12/2003	MSL	SW846 8270C
Anthracene	Below det lim	ug/Kg	187	5/12/2003	MSL	SW846 8270C
Fluoranthene	Below det lim	ug/Kg	187	5/12/2003	MSL	SW846 8270C
Pyrene	Below det lim	ug/Kg	187	5/12/2003	MSL	SW846 8270C
Benzo (a) anthracene	Below det lim	ug/Kg	187	5/12/2003	MSL	SW846 8270C
Chrysene	Below det lim	ug/Kg	187	5/12/2003	MSL	SW846 8270C
Benzo (b) fluoranthene	Below det lim	ug/Kg	187	5/12/2003	MSL	SW846 8270C
Benzo (k) fluoranthene	Below det lim	ug/Kg	187	5/12/2003	MSL	SW846 8270C
Benzo (a) pyrene	Below det lim	ug/Kg	187	5/12/2003	MSL	SW846 8270C
Indeno (1,2,3-cd) pyrene	Below det lim	ug/Kg	187	5/12/2003	MSL	SW846 8270C
Dibenzo (a,h) anthracene	Below det lim	ug/Kg	187	5/12/2003	MSL	SW846 8270C
Benzo (g,h,i) perylene	Below det lim	ug/Kg	187	5/12/2003	MSL	SW846 8270C
2-Fluorobiphenyl (%SR)	59	ug/Kg	0.000	5/12/2003	MSL	SW846 8270C
Terphenyl-d14 (%SR)	55	ug/Kg	0.000	5/12/2003	MSL	SW846 8270C

Metals Preparation

Mercury Digestion	Completed			5/12/2003	LR	EPA 245.2
Mercury Digestion on Leachate	Completed			5/10/2003	LR	EPA 245.2
Metals Digestion	Completed			5/12/2003	LR	EPA 200.7
Metals Digestion on Leachate	Completed			5/10/2003	LR	EPA 200.7

Metals Analysis

Lab ID No: AD84311
Client Id: 163-4 2-4ft

Collection Date: 5/5/2003
Matrix Soil

Parameter	Results	Units	PQL	Start Date	Analyst	Method
SPLP RCRA8 Metals						
SPLP Arsenic	Below det lim	mg/L	0.015	5/12/2003	RE	1312/200.7
SPLP Barium	Below det lim	mg/L	0.005	5/12/2003	RE	1312/200.7
SPLP Cadmium	Below det lim	mg/L	0.0025	5/12/2003	RE	1312/200.7
SPLP Chromium	Below det lim	mg/L	0.005	5/12/2003	RE	1312/200.7
SPLP Lead	Below det lim	mg/L	0.0075	5/12/2003	RE	1312/200.7
SPLP Selenium	Below det lim	mg/L	0.015	5/12/2003	RE	1312/200.7
SPLP Silver	Below det lim	mg/L	0.010	5/12/2003	RE	1312/200.7
SPLP Mercury	Below det lim	mg/L	0.0004	5/13/2003	EPE	1312/7470A
Total RCRA8 Metals						
Total Arsenic	5.67	mg/Kg	3.11	5/13/2003	RE	EPA 200.7
Total Barium	79.6	mg/Kg	1.04	5/13/2003	RE	EPA 200.7
Total Cadmium	Below det lim	mg/Kg	0.518	5/13/2003	RE	EPA 200.7
Total Chromium	28.8	mg/Kg	1.04	5/13/2003	RE	EPA 200.7
Total Lead	11.6	mg/Kg	1.56	5/13/2003	RE	EPA 200.7
Total Selenium	Below det lim	mg/Kg	3.11	5/13/2003	RE	EPA 200.7
Total Silver	Below det lim	mg/Kg	2.07	5/13/2003	RE	EPA 200.7
Total Mercury	Below det lim	mg/Kg	0.196	5/13/2003	EPE	SW846 7471A
TCLP/SPLP Preparation						
SPLP Extraction for Metals	Completed			5/8/2003	KP	SW846 1312
% Solids	81.8	%		5/9/2003	BH	SM2540 B Mod.

Lab ID No: AD84312
 Client Id: 163-5 0-2ft

Collection Date: 5/5/2003
 Matrix Soil

Parameter	Results	Units	PQL	Start Date	Analyst	Method
VOC Preparation						
<i>VOC Extraction (solid)</i>						
Extraction Technique	Laboratory			5/12/2003	SS	
Sample Introduction SW846 5030	N/A			5/12/2003	SS	
Sample Introduction SW846 5035	Completed			5/12/2003	SS	
Sample Introduction SW846 5035 Mod	N/A			5/12/2003	SS	
Volatile Organic Compounds						
<i>VOCs by GC/MS</i>						
Acetone	Below det lim	ug/Kg	100	5/12/2003	CH	SW846 8260B
Acrylonitrile	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Benzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Bromobenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Bromochloromethane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Bromodichloromethane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Bromoform	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Bromomethane	Below det lim	ug/Kg	10.0	5/12/2003	CH	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/Kg	50.0	5/12/2003	CH	SW846 8260B
n-Butylbenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
sec-Butylbenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
tert-Butylbenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Carbon disulfide	Below det lim	ug/Kg	25.0	5/12/2003	CH	SW846 8260B
Carbon tetrachloride	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Chlorobenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Chloroethane	Below det lim	ug/Kg	10.0	5/12/2003	CH	SW846 8260B
Chloroform	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Chloromethane	Below det lim	ug/Kg	10.0	5/12/2003	CH	SW846 8260B
2-Chlorotoluene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
4-Chlorotoluene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/Kg	10.0	5/12/2003	CH	SW846 8260B
Dibromochloromethane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Dibromomethane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/Kg	10.0	5/12/2003	CH	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
cis-1,2-Dichloroethene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B

Lab ID No: AD84312
 Client Id: 163-5 0-2ft

Collection Date: 5/5/2003
 Matrix Soil

Parameter	Results	Units	PQL	Start Date	Analyst	Method
1,3-Dichloropropane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Ethylbenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Hexachlorobutadiene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/Kg	50.0	5/12/2003	CH	SW846 8260B
Isopropylbenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/Kg	50.0	5/12/2003	CH	SW846 8260B
Methylene chloride	Below det lim	ug/Kg	10.0	5/12/2003	CH	SW846 8260B
Naphthalene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
n-Propylbenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Styrene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Tetrachloroethene (PCE)	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Toluene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Trichloroethene (TCE)	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Vinyl chloride	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
m,p-Xylenes	Below det lim	ug/Kg	10.0	5/12/2003	CH	SW846 8260B
o-Xylene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
4-Bromofluorobenzene (%SR)	95	ug/Kg	0.000	5/12/2003	CH	SW846 8260B
Dibromofluoromethane (%SR)	104	ug/Kg	0.000	5/12/2003	CH	SW846 8260B
1,2-Dichloroethane-d4 (%SR)	110	ug/Kg	0.000	5/12/2003	CH	SW846 8260B
Toluene-d8 (%SR)	102	ug/Kg	0.000	5/12/2003	CH	SW846 8260B

TPH Preparation

Ultrasonic Extraction	Completed			5/9/2003	AM	SW846 3550B
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Petroleum Hydrocarbon Analysis

Extractable TPH

Total Petroleum Hydrocarbons (C9-C36)	260	mg/Kg	20	5/12/2003	KG	CT ETPH
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Lab ID No: AD84312
Client Id: 163-5 0-2ft

Collection Date: 5/5/2003
Matrix Soil

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Gasoline	Below det lim	mg/Kg	20	5/12/2003	KG	CT ETPH
Fuel Oil #2	Below det lim	mg/Kg	20	5/12/2003	KG	CT ETPH
Fuel Oil #4	Below det lim	mg/Kg	20	5/12/2003	KG	CT ETPH
Fuel Oil #6	Below det lim	mg/Kg	20	5/12/2003	KG	CT ETPH
Motor Oil	*	mg/Kg	20	5/12/2003	KG	CT ETPH
Aviation Fuel	Below det lim	mg/Kg	20	5/12/2003	KG	CT ETPH
Unidentified	260	mg/Kg	20	5/12/2003	KG	CT ETPH
Other Oil	Below det lim	mg/Kg	20	5/12/2003	KG	CT ETPH
1-Chloro-octadecane (%SR)	55	mg/Kg	0.	5/12/2003	KG	CT ETPH

SVOC Preparation

Ultrasonic Extraction	Completed			5/9/2003	AM	SW846 3550B
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Semivolatile Organic Compounds

PAHs by GC/MS

Naphthalene	Below det lim	ug/Kg	225	5/12/2003	MSL	SW846 8270C
2-Methylnaphthalene	Below det lim	ug/Kg	225	5/12/2003	MSL	SW846 8270C
1-Methylnaphthalene	Below det lim	ug/Kg	225	5/12/2003	MSL	SW846 8270C
Acenaphthylene	830	ug/Kg	225	5/12/2003	MSL	SW846 8270C
Acenaphthene	Below det lim	ug/Kg	225	5/12/2003	MSL	SW846 8270C
Fluorene	Below det lim	ug/Kg	225	5/12/2003	MSL	SW846 8270C
Phenanthrene	1,600	ug/Kg	225	5/12/2003	MSL	SW846 8270C
Anthracene	470	ug/Kg	225	5/12/2003	MSL	SW846 8270C
Fluoranthene	4,000	ug/Kg	225	5/12/2003	MSL	SW846 8270C
Pyrene	3,500	ug/Kg	225	5/12/2003	MSL	SW846 8270C
Benzo (a) anthracene	1,700	ug/Kg	225	5/12/2003	MSL	SW846 8270C
Chrysene	2,300	ug/Kg	225	5/12/2003	MSL	SW846 8270C
Benzo (b) fluoranthene	3,000	ug/Kg	225	5/12/2003	MSL	SW846 8270C
Benzo (k) fluoranthene	1,500	ug/Kg	225	5/12/2003	MSL	SW846 8270C
Benzo (a) pyrene	2,400	ug/Kg	225	5/12/2003	MSL	SW846 8270C
Indeno (1,2,3-cd) pyrene	1,800	ug/Kg	225	5/12/2003	MSL	SW846 8270C
Dibenzo (a,h) anthracene	Below det lim	ug/Kg	225	5/12/2003	MSL	SW846 8270C
Benzo (g,h,i) perylene	2,100	ug/Kg	225	5/12/2003	MSL	SW846 8270C
2-Fluorobiphenyl (%SR)	59	ug/Kg	0.000	5/12/2003	MSL	SW846 8270C
Terphenyl-d14 (%SR)	56	ug/Kg	0.000	5/12/2003	MSL	SW846 8270C

Metals Preparation

Mercury Digestion	Completed			5/12/2003	LR	EPA 245.2
Mercury Digestion on Leachate	Completed			5/10/2003	LR	EPA 245.2
Metals Digestion	Completed			5/12/2003	LR	EPA 200.7
Metals Digestion on Leachate	Completed			5/10/2003	LR	EPA 200.7

Metals Analysis

Lab ID No: AD84312
Client Id: 163-5 0-2ft

Collection Date: 5/5/2003
Matrix Soil

Parameter	Results	Units	PQL	Start Date	Analyst	Method
SPLP RCRA8 Metals						
SPLP Arsenic	Below det lim	mg/L	0.015	5/12/2003	RE	1312/200.7
SPLP Barium	Below det lim	mg/L	0.006	5/12/2003	RE	1312/200.7
SPLP Cadmium	Below det lim	mg/L	0.0025	5/12/2003	RE	1312/200.7
SPLP Chromium	Below det lim	mg/L	0.005	5/12/2003	RE	1312/200.7
SPLP Lead	0.0087	mg/L	0.0075	5/12/2003	RE	1312/200.7
SPLP Selenium	Below det lim	mg/L	0.015	5/12/2003	RE	1312/200.7
SPLP Silver	Below det lim	mg/L	0.010	5/12/2003	RE	1312/200.7
SPLP Mercury	Below det lim	mg/L	0.0004	5/13/2003	EPE	1312/7470A
Total RCRA8 Metals						
Total Arsenic	11.9	mg/Kg	3.90	5/13/2003	RE	EPA 200.7
Total Barium	129	mg/Kg	1.30	5/13/2003	RE	EPA 200.7
Total Cadmium	1.42	mg/Kg	0.651	5/13/2003	RE	EPA 200.7
Total Chromium	40.8	mg/Kg	1.30	5/13/2003	RE	EPA 200.7
Total Lead	437	mg/Kg	1.95	5/13/2003	RE	EPA 200.7
Total Selenium	Below det lim	mg/Kg	3.90	5/13/2003	RE	EPA 200.7
Total Silver	Below det lim	mg/Kg	2.60	5/13/2003	RE	EPA 200.7
Total Mercury	0.336	mg/Kg	0.249	5/13/2003	EPE	SW846 7471A
TCLP/SPLP Preparation						
SPLP Extraction for Metals	Completed			5/8/2003	KP	SW846 1312
% Solids	68.5	%		5/9/2003	BH	SM2540 B Mod.

Lab ID No: AD84313
 Client Id: 163-6 0-3ft

Collection Date: 5/5/2003
 Matrix Soil

Parameter	Results	Units	PQL	Start Date	Analyst	Method
VOC Preparation						
<i>VOC Extraction (solid)</i>						
Extraction Technique	Laboratory			5/12/2003	SS	
Sample Introduction SW846 5030	N/A			5/12/2003	SS	
Sample Introduction SW846 5035	Completed			5/12/2003	SS	
Sample Introduction SW846 5035 Mod	N/A			5/12/2003	SS	
Volatile Organic Compounds						
<i>VOCs by GC/MS</i>						
Acetone	Below det lim	ug/Kg	100	5/12/2003	CH	SW846 8260B
Acrylonitrile	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Benzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Bromobenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Bromochloromethane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Bromodichloromethane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Bromoform	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Bromomethane	Below det lim	ug/Kg	10.0	5/12/2003	CH	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/Kg	50.0	5/12/2003	CH	SW846 8260B
n-Butylbenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
sec-Butylbenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
tert-Butylbenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Carbon disulfide	Below det lim	ug/Kg	25.0	5/12/2003	CH	SW846 8260B
Carbon tetrachloride	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Chlorobenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Chloroethane	Below det lim	ug/Kg	10.0	5/12/2003	CH	SW846 8260B
Chloroform	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Chloromethane	Below det lim	ug/Kg	10.0	5/12/2003	CH	SW846 8260B
2-Chlorotoluene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
4-Chlorotoluene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/Kg	10.0	5/12/2003	CH	SW846 8260B
Dibromochloromethane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Dibromomethane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/Kg	10.0	5/12/2003	CH	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
cis-1,2-Dichloroethene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B

Lab ID No: AD84313
 Client Id: 163-6 0-3ft

Collection Date: 5/5/2003
 Matrix Soil

Parameter	Results	Units	PQL	Start Date	Analyst	Method
1,3-Dichloropropane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Ethylbenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Hexachlorobutadiene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/Kg	50.0	5/12/2003	CH	SW846 8260B
Isopropylbenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/Kg	50.0	5/12/2003	CH	SW846 8260B
Methylene chloride	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Naphthalene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
n-Propylbenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Styrene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Tetrachloroethene (PCE)	Below det lim	ug/Kg	10.0	5/12/2003	CH	SW846 8260B
Toluene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Trichloroethene (TCE)	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Vinyl chloride	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
m,p-Xylenes	Below det lim	ug/Kg	10.0	5/12/2003	CH	SW846 8260B
o-Xylene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
4-Bromofluorobenzene (%SR)	93	ug/Kg	0.000	5/12/2003	CH	SW846 8260B
Dibromofluoromethane (%SR)	103	ug/Kg	0.000	5/12/2003	CH	SW846 8260B
1,2-Dichloroethane-d4 (%SR)	110	ug/Kg	0.000	5/12/2003	CH	SW846 8260B
Toluene-d8 (%SR)	101	ug/Kg	0.000	5/12/2003	CH	SW846 8260B

TPH Preparation

Ultrasonic Extraction	Completed			5/9/2003	AM	SW846 3550B
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Petroleum Hydrocarbon Analysis

Extractable TPH

Total Petroleum Hydrocarbons (C9-C36)	Below det lim	mg/Kg	20	5/12/2003	KG	CT ETPH
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Lab ID No: AD84313
Client Id: 163-6 0-3ft

Collection Date: 5/5/2003
Matrix Soil

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Gasoline	Below det lim	mg/Kg	20	5/12/2003	KG	CT ETPH
Fuel Oil #2	Below det lim	mg/Kg	20	5/12/2003	KG	CT ETPH
Fuel Oil #4	Below det lim	mg/Kg	20	5/12/2003	KG	CT ETPH
Fuel Oil #6	Below det lim	mg/Kg	20	5/12/2003	KG	CT ETPH
Motor Oil	Below det lim	mg/Kg	20	5/12/2003	KG	CT ETPH
Aviation Fuel	Below det lim	mg/Kg	20	5/12/2003	KG	CT ETPH
Unidentified	Below det lim	mg/Kg	20	5/12/2003	KG	CT ETPH
Other Oil	Below det lim	mg/Kg	20	5/12/2003	KG	CT ETPH
1-Chloro-octadecane (%SR)	75	mg/Kg	0.	5/12/2003	KG	CT ETPH

SVOC Preparation

Ultrasonic Extraction	Completed			5/9/2003	AM	SW846 3550B
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Semivolatile Organic Compounds

PAHs by GC/MS

Naphthalene	Below det lim	ug/Kg	193	5/12/2003	MSL	SW846 8270C
2-Methylnaphthalene	Below det lim	ug/Kg	193	5/12/2003	MSL	SW846 8270C
1-Methylnaphthalene	Below det lim	ug/Kg	193	5/12/2003	MSL	SW846 8270C
Acenaphthylene	Below det lim	ug/Kg	193	5/12/2003	MSL	SW846 8270C
Acenaphthene	Below det lim	ug/Kg	193	5/12/2003	MSL	SW846 8270C
Fluorene	Below det lim	ug/Kg	193	5/12/2003	MSL	SW846 8270C
Phenanthrene	Below det lim	ug/Kg	193	5/12/2003	MSL	SW846 8270C
Anthracene	Below det lim	ug/Kg	193	5/12/2003	MSL	SW846 8270C
Fluoranthene	Below det lim	ug/Kg	193	5/12/2003	MSL	SW846 8270C
Pyrene	Below det lim	ug/Kg	193	5/12/2003	MSL	SW846 8270C
Benzo (a) anthracene	Below det lim	ug/Kg	193	5/12/2003	MSL	SW846 8270C
Chrysene	Below det lim	ug/Kg	193	5/12/2003	MSL	SW846 8270C
Benzo (b) fluoranthene	Below det lim	ug/Kg	193	5/12/2003	MSL	SW846 8270C
Benzo (k) fluoranthene	Below det lim	ug/Kg	193	5/12/2003	MSL	SW846 8270C
Benzo (a) pyrene	Below det lim	ug/Kg	193	5/12/2003	MSL	SW846 8270C
Indeno (1,2,3-cd) pyrene	Below det lim	ug/Kg	193	5/12/2003	MSL	SW846 8270C
Dibenzo (a,h) anthracene	Below det lim	ug/Kg	193	5/12/2003	MSL	SW846 8270C
Benzo (g,h,i) perylene	Below det lim	ug/Kg	193	5/12/2003	MSL	SW846 8270C
2-Fluorobiphenyl (%SR)	57	ug/Kg	0.000	5/12/2003	MSL	SW846 8270C
Terphenyl-d14 (%SR)	55	ug/Kg	0.000	5/12/2003	MSL	SW846 8270C

Metals Preparation

Mercury Digestion	Completed			5/12/2003	LR	EPA 245.2
Mercury Digestion on Leachate	Completed			5/10/2003	LR	EPA 245.2
Metals Digestion	Completed			5/12/2003	LR	EPA 200.7
Metals Digestion on Leachate	Completed			5/10/2003	LR	EPA 200.7

Metals Analysis

Lab ID No: AD84313
Client Id: 163-6 0-3ft

Collection Date: 5/5/2003
Matrix Soil

Parameter	Results	Units	PQL	Start Date	Analyst	Method
SPLP RCRA8 Metals						
SPLP Arsenic	Below det lim	mg/L	0.015	5/12/2003	RE	1312/200.7
SPLP Barium	Below det lim	mg/L	0.020	5/12/2003	RE	1312/200.7
SPLP Cadmium	Below det lim	mg/L	0.0025	5/12/2003	RE	1312/200.7
SPLP Chromium	Below det lim	mg/L	0.005	5/12/2003	RE	1312/200.7
SPLP Lead	Below det lim	mg/L	0.0075	5/12/2003	RE	1312/200.7
SPLP Selenium	Below det lim	mg/L	0.015	5/12/2003	RE	1312/200.7
SPLP Silver	Below det lim	mg/L	0.010	5/12/2003	RE	1312/200.7
SPLP Mercury	Below det lim	mg/L	0.0004	5/13/2003	EPE	1312/7470A
Total RCRA8 Metals						
Total Arsenic	5.70	mg/Kg	3.07	5/13/2003	RE	EPA 200.7
Total Barium	52.1	mg/Kg	1.02	5/13/2003	RE	EPA 200.7
Total Cadmium	Below det lim	mg/Kg	0.512	5/13/2003	RE	EPA 200.7
Total Chromium	32.6	mg/Kg	1.02	5/13/2003	RE	EPA 200.7
Total Lead	10.9	mg/Kg	1.53	5/13/2003	RE	EPA 200.7
Total Selenium	Below det lim	mg/Kg	3.07	5/13/2003	RE	EPA 200.7
Total Silver	Below det lim	mg/Kg	2.05	5/13/2003	RE	EPA 200.7
Total Mercury	Below det lim	mg/Kg	0.200	5/13/2003	EPE	SW846 7471A
TCLP/SPLP Preparation						
SPLP Extraction for Metals	Completed			5/8/2003	KP	SW846 1312
% Solids	83.7	%		5/9/2003	BH	SM2540 B Mod.

Lab ID No: AD84314

Client Id: 163-7 0-2ft

Collection Date: 5/5/2003

Matrix Soil

Parameter	Results	Units	PQL	Start Date	Analyst	Method
VOC Preparation						
VOC Extraction (solid)						
Extraction Technique	Laboratory			5/12/2003	SS	
Sample Introduction SW846 5030	N/A			5/12/2003	SS	
Sample Introduction SW846 5035	Completed			5/12/2003	SS	
Sample Introduction SW846 5035 Mod	N/A			5/12/2003	SS	
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/Kg	150	5/12/2003	CH	SW846 8260B
Acrylonitrile	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Benzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Bromobenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Bromochloromethane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Bromodichloromethane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Bromoform	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Bromomethane	Below det lim	ug/Kg	10.0	5/12/2003	CH	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/Kg	50.0	5/12/2003	CH	SW846 8260B
n-Butylbenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
sec-Butylbenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
tert-Butylbenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Carbon disulfide	Below det lim	ug/Kg	25.0	5/12/2003	CH	SW846 8260B
Carbon tetrachloride	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Chlorobenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Chloroethane	Below det lim	ug/Kg	10.0	5/12/2003	CH	SW846 8260B
Chloroform	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Chloromethane	Below det lim	ug/Kg	10.0	5/12/2003	CH	SW846 8260B
2-Chlorotoluene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
4-Chlorotoluene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/Kg	10.0	5/12/2003	CH	SW846 8260B
Dibromochloromethane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Dibromomethane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/Kg	10.0	5/12/2003	CH	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
cis-1,2-Dichloroethene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B

Lab ID No: AD84314
 Client Id: 163-7 0-2ft

Collection Date: 5/5/2003
 Matrix Soil

Parameter	Results	Units	PQL	Start Date	Analyst	Method
1,3-Dichloropropane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Ethylbenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Hexachlorobutadiene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/Kg	50.0	5/12/2003	CH	SW846 8260B
Isopropylbenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/Kg	50.0	5/12/2003	CH	SW846 8260B
Methylene chloride	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Naphthalene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
n-Propylbenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Styrene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Tetrachloroethene (PCE)	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Toluene	Below det lim	ug/Kg	10.0	5/12/2003	CH	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Trichloroethene (TCE)	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Vinyl chloride	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
m,p-Xylenes	Below det lim	ug/Kg	10.0	5/12/2003	CH	SW846 8260B
o-Xylene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
4-Bromofluorobenzene (%SR)	82	ug/Kg	0.000	5/12/2003	CH	SW846 8260B
Dibromofluoromethane (%SR)	107	ug/Kg	0.000	5/12/2003	CH	SW846 8260B
1,2-Dichloroethane-d4 (%SR)	116	ug/Kg	0.000	5/12/2003	CH	SW846 8260B
Toluene-d8 (%SR)	99	ug/Kg	0.000	5/12/2003	CH	SW846 8260B

TPH Preparation

Ultrasonic Extraction	Completed			5/9/2003	AM	SW846 3550B
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Petroleum Hydrocarbon Analysis

Extractable TPH

Total Petroleum Hydrocarbons (C9-C36)	42	mg/Kg	20	5/12/2003	KG	CT ETPH
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Lab ID No: AD84314
Client Id: 163-7 0-2ft

Collection Date: 5/5/2003
Matrix Soil

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Gasoline	Below det lim	mg/Kg	20	5/12/2003	KG	CT ETPH
Fuel Oil #2	Below det lim	mg/Kg	20	5/12/2003	KG	CT ETPH
Fuel Oil #4	Below det lim	mg/Kg	20	5/12/2003	KG	CT ETPH
Fuel Oil #6	Below det lim	mg/Kg	20	5/12/2003	KG	CT ETPH
Motor Oil	*	mg/Kg	20	5/12/2003	KG	CT ETPH
Aviation Fuel	Below det lim	mg/Kg	20	5/12/2003	KG	CT ETPH
Unidentified	42	mg/Kg	20	5/12/2003	KG	CT ETPH
Other Oil	Below det lim	mg/Kg	20	5/12/2003	KG	CT ETPH
1-Chloro-octadecane (%SR)	71	mg/Kg	0.	5/12/2003	KG	CT ETPH

SVOC Preparation

Ultrasonic Extraction	Completed			5/9/2003	AM	SW846 3550B
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Semivolatile Organic Compounds

PAHs by GC/MS

Naphthalene	Below det lim	ug/Kg	187	5/12/2003	MSL	SW846 8270C
2-Methylnaphthalene	Below det lim	ug/Kg	187	5/12/2003	MSL	SW846 8270C
1-Methylnaphthalene	Below det lim	ug/Kg	187	5/12/2003	MSL	SW846 8270C
Acenaphthylene	Below det lim	ug/Kg	187	5/12/2003	MSL	SW846 8270C
Acenaphthene	Below det lim	ug/Kg	187	5/12/2003	MSL	SW846 8270C
Fluorene	Below det lim	ug/Kg	187	5/12/2003	MSL	SW846 8270C
Phenanthrene	Below det lim	ug/Kg	187	5/12/2003	MSL	SW846 8270C
Anthracene	Below det lim	ug/Kg	187	5/12/2003	MSL	SW846 8270C
Fluoranthene	Below det lim	ug/Kg	187	5/12/2003	MSL	SW846 8270C
Pyrene	Below det lim	ug/Kg	187	5/12/2003	MSL	SW846 8270C
Benzo (a) anthracene	Below det lim	ug/Kg	187	5/12/2003	MSL	SW846 8270C
Chrysene	Below det lim	ug/Kg	187	5/12/2003	MSL	SW846 8270C
Benzo (b) fluoranthene	Below det lim	ug/Kg	187	5/12/2003	MSL	SW846 8270C
Benzo (k) fluoranthene	Below det lim	ug/Kg	187	5/12/2003	MSL	SW846 8270C
Benzo (a) pyrene	Below det lim	ug/Kg	187	5/12/2003	MSL	SW846 8270C
Indeno (1,2,3-cd) pyrene	Below det lim	ug/Kg	187	5/12/2003	MSL	SW846 8270C
Dibenzo (a,h) anthracene	Below det lim	ug/Kg	187	5/12/2003	MSL	SW846 8270C
Benzo (g,h,i) perylene	Below det lim	ug/Kg	187	5/12/2003	MSL	SW846 8270C
2-Fluorobiphenyl (%SR)	60	ug/Kg	0.000	5/12/2003	MSL	SW846 8270C
Terphenyl-d14 (%SR)	73	ug/Kg	0.000	5/12/2003	MSL	SW846 8270C

Metals Preparation

Mercury Digestion	Completed			5/12/2003	LR	EPA 245.2
Mercury Digestion on Leachate	Completed			5/10/2003	LR	EPA 245.2
Metals Digestion	Completed			5/12/2003	LR	EPA 200.7
Metals Digestion on Leachate	Completed			5/10/2003	LR	EPA 200.7

Metals Analysis

Lab ID No: AD84314
Client Id: 163-7 0-2ft

Collection Date: 5/5/2003
Matrix Soil

Parameter	Results	Units	PQL	Start Date	Analyst	Method
SPLP RCRA8 Metals						
SPLP Arsenic	Below det lim	mg/L	0.015	5/12/2003	RE	1312/200.7
SPLP Barium	Below det lim	mg/L	0.015	5/12/2003	RE	1312/200.7
SPLP Cadmium	Below det lim	mg/L	0.0025	5/12/2003	RE	1312/200.7
SPLP Chromium	Below det lim	mg/L	0.005	5/12/2003	RE	1312/200.7
SPLP Lead	Below det lim	mg/L	0.0075	5/12/2003	RE	1312/200.7
SPLP Selenium	Below det lim	mg/L	0.015	5/12/2003	RE	1312/200.7
SPLP Silver	Below det lim	mg/L	0.010	5/12/2003	RE	1312/200.7
SPLP Mercury	Below det lim	mg/L	0.0004	5/13/2003	EPE	1312/7470A
Total RCRA8 Metals						
Total Arsenic	6.59	mg/Kg	3.08	5/13/2003	RE	EPA 200.7
Total Barium	72.3	mg/Kg	1.03	5/13/2003	RE	EPA 200.7
Total Cadmium	Below det lim	mg/Kg	0.513	5/13/2003	RE	EPA 200.7
Total Chromium	33.1	mg/Kg	1.03	5/13/2003	RE	EPA 200.7
Total Lead	37.5	mg/Kg	1.54	5/13/2003	RE	EPA 200.7
Total Selenium	Below det lim	mg/Kg	3.08	5/13/2003	RE	EPA 200.7
Total Silver	Below det lim	mg/Kg	2.05	5/13/2003	RE	EPA 200.7
Total Mercury	Below det lim	mg/Kg	0.202	5/13/2003	EPE	SW846 7471A
TCLP/SPLP Preparation						
SPLP Extraction for Metals	Completed			5/8/2003	KP	SW846 1312
% Solids	82.3	%		5/9/2003	BH	SM2540 B Mod.

Lab ID No: AD84315
 Client Id: 163-8 0-2ft

Collection Date: 5/5/2003
 Matrix Soil

Parameter	Results	Units	PQL	Start Date	Analyst	Method
VOC Preparation						
<i>VOC Extraction (solid)</i>						
Extraction Technique	Laboratory			5/12/2003	SS	
Sample Introduction SW846 5030	N/A			5/12/2003	SS	
Sample Introduction SW846 5035	Completed			5/12/2003	SS	
Sample Introduction SW846 5035 Mod	N/A			5/12/2003	SS	
Volatile Organic Compounds						
<i>VOCs by GC/MS</i>						
Acetone	Below det lim	ug/Kg	350	5/12/2003	CH	SW846 8260B
Acrylonitrile	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Benzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Bromobenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Bromochloromethane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Bromodichloromethane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Bromoform	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Bromomethane	Below det lim	ug/Kg	10.0	5/12/2003	CH	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/Kg	50.0	5/12/2003	CH	SW846 8260B
n-Butylbenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
sec-Butylbenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
tert-Butylbenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Carbon disulfide	Below det lim	ug/Kg	25.0	5/12/2003	CH	SW846 8260B
Carbon tetrachloride	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Chlorobenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Chloroethane	Below det lim	ug/Kg	10.0	5/12/2003	CH	SW846 8260B
Chloroform	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Chloromethane	Below det lim	ug/Kg	10.0	5/12/2003	CH	SW846 8260B
2-Chlorotoluene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
4-Chlorotoluene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/Kg	10.0	5/12/2003	CH	SW846 8260B
Dibromochloromethane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Dibromomethane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/Kg	10.0	5/12/2003	CH	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
cis-1,2-Dichloroethene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B

Lab ID No: AD84315
 Client Id: 163-8 0-2ft

Collection Date: 5/5/2003
 Matrix Soil

Parameter	Results	Units	PQL	Start Date	Analyst	Method
1,3-Dichloropropane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Ethylbenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Hexachlorobutadiene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/Kg	50.0	5/12/2003	CH	SW846 8260B
Isopropylbenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/Kg	50.0	5/12/2003	CH	SW846 8260B
Methylene chloride	Below det lim	ug/Kg	10.0	5/12/2003	CH	SW846 8260B
Naphthalene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
n-Propylbenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Styrene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Tetrachloroethene (PCE)	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Toluene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Trichloroethene (TCE)	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Vinyl chloride	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
m,p-Xylenes	Below det lim	ug/Kg	10.0	5/12/2003	CH	SW846 8260B
o-Xylene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
4-Bromofluorobenzene (%SR)	82	ug/Kg	0.000	5/12/2003	CH	SW846 8260B
Dibromofluoromethane (%SR)	107	ug/Kg	0.000	5/12/2003	CH	SW846 8260B
1,2-Dichloroethane-d4 (%SR)	115	ug/Kg	0.000	5/12/2003	CH	SW846 8260B
Toluene-d8 (%SR)	98	ug/Kg	0.000	5/12/2003	CH	SW846 8260B
TPH Preparation						
Ultrasonic Extraction	Completed			5/9/2003	AM	SW846 3550B
Petroleum Hydrocarbon Analysis						
<i>Extractable TPH</i>						
Total Petroleum Hydrocarbons (C9-C36)	65	mg/Kg	20	5/12/2003	KG	CT ETPH

Lab ID No: AD84315
 Client Id: 163-8 0-2ft

Collection Date: 5/5/2003
 Matrix Soil

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Gasoline	Below det lim	mg/Kg	20	5/12/2003	KG	CT ETPH
Fuel Oil #2	Below det lim	mg/Kg	20	5/12/2003	KG	CT ETPH
Fuel Oil #4	Below det lim	mg/Kg	20	5/12/2003	KG	CT ETPH
Fuel Oil #6	Below det lim	mg/Kg	20	5/12/2003	KG	CT ETPH
Motor Oil	*	mg/Kg	20	5/12/2003	KG	CT ETPH
Aviation Fuel	Below det lim	mg/Kg	20	5/12/2003	KG	CT ETPH
Unidentified	65	mg/Kg	20	5/12/2003	KG	CT ETPH
Other Oil	Below det lim	mg/Kg	20	5/12/2003	KG	CT ETPH
1-Chloro-octadecane (%SR)	73	mg/Kg	0.	5/12/2003	KG	CT ETPH
SVOC Preparation						
Ultrasonic Extraction	Completed			5/9/2003	AM	SW846 3550B
Semivolatile Organic Compounds						
<i>PAHs by GC/MS</i>						
Naphthalene	Below det lim	ug/Kg	194	5/12/2003	MSL	SW846 8270C
2-Methylnaphthalene	Below det lim	ug/Kg	194	5/12/2003	MSL	SW846 8270C
1-Methylnaphthalene	Below det lim	ug/Kg	194	5/12/2003	MSL	SW846 8270C
Acenaphthylene	Below det lim	ug/Kg	194	5/12/2003	MSL	SW846 8270C
Acenaphthene	Below det lim	ug/Kg	194	5/12/2003	MSL	SW846 8270C
Fluorene	Below det lim	ug/Kg	194	5/12/2003	MSL	SW846 8270C
Phenanthrene	Below det lim	ug/Kg	194	5/12/2003	MSL	SW846 8270C
Anthracene	Below det lim	ug/Kg	194	5/12/2003	MSL	SW846 8270C
Fluoranthene	Below det lim	ug/Kg	194	5/12/2003	MSL	SW846 8270C
Pyrene	Below det lim	ug/Kg	194	5/12/2003	MSL	SW846 8270C
Benzo (a) anthracene	Below det lim	ug/Kg	194	5/12/2003	MSL	SW846 8270C
Chrysene	Below det lim	ug/Kg	194	5/12/2003	MSL	SW846 8270C
Benzo (b) fluoranthene	Below det lim	ug/Kg	194	5/12/2003	MSL	SW846 8270C
Benzo (k) fluoranthene	Below det lim	ug/Kg	194	5/12/2003	MSL	SW846 8270C
Benzo (a) pyrene	Below det lim	ug/Kg	194	5/12/2003	MSL	SW846 8270C
Indeno (1,2,3-cd) pyrene	Below det lim	ug/Kg	194	5/12/2003	MSL	SW846 8270C
Dibenzo (a,h) anthracene	Below det lim	ug/Kg	194	5/12/2003	MSL	SW846 8270C
Benzo (g,h,i) perylene	Below det lim	ug/Kg	194	5/12/2003	MSL	SW846 8270C
2-Fluorobiphenyl (%SR)	56	ug/Kg	0.000	5/12/2003	MSL	SW846 8270C
Terphenyl-d14 (%SR)	60	ug/Kg	0.000	5/12/2003	MSL	SW846 8270C
Metals Preparation						
Mercury Digestion	Completed			5/12/2003	LR	EPA 245.2
Mercury Digestion on Leachate	Completed			5/10/2003	LR	EPA 245.2
Metals Digestion	Completed			5/12/2003	LR	EPA 200.7
Metals Digestion on Leachate	Completed			5/10/2003	LR	EPA 200.7
Metals Analysis						

Lab ID No: AD84315
Client Id: 163-8 0-2ft

Collection Date: 5/5/2003
Matrix Soil

Parameter	Results	Units	PQL	Start Date	Analyst	Method
SPLP RCRA8 Metals						
SPLP Arsenic	Below det lim	mg/L	0.015	5/12/2003	RE	1312/200.7
SPLP Barium	Below det lim	mg/L	0.0055	5/12/2003	RE	1312/200.7
SPLP Cadmium	Below det lim	mg/L	0.0025	5/12/2003	RE	1312/200.7
SPLP Chromium	Below det lim	mg/L	0.005	5/12/2003	RE	1312/200.7
SPLP Lead	Below det lim	mg/L	0.0075	5/12/2003	RE	1312/200.7
SPLP Selenium	Below det lim	mg/L	0.015	5/12/2003	RE	1312/200.7
SPLP Silver	Below det lim	mg/L	0.010	5/12/2003	RE	1312/200.7
SPLP Mercury	Below det lim	mg/L	0.0004	5/13/2003	EPE	1312/7470A
Total RCRA8 Metals						
Total Arsenic	6.35	mg/Kg	3.25	5/13/2003	RE	EPA 200.7
Total Barium	61.4	mg/Kg	1.08	5/13/2003	RE	EPA 200.7
Total Cadmium	Below det lim	mg/Kg	0.542	5/13/2003	RE	EPA 200.7
Total Chromium	31.6	mg/Kg	1.08	5/13/2003	RE	EPA 200.7
Total Lead	18.8	mg/Kg	1.62	5/13/2003	RE	EPA 200.7
Total Selenium	Below det lim	mg/Kg	3.25	5/13/2003	RE	EPA 200.7
Total Silver	Below det lim	mg/Kg	2.17	5/13/2003	RE	EPA 200.7
Total Mercury	Below det lim	mg/Kg	0.196	5/13/2003	EPE	SW846 7471A
TCLP/SPLP Preparation						
SPLP Extraction for Metals	Completed			5/8/2003	KP	SW846 1312
% Solids	79.3	%		5/9/2003	BH	SM2540 B Mod.

Lab ID No: AD84316
Client Id: 163-9 2-4ft

Collection Date: 5/5/2003
Matrix Soil

Parameter	Results	Units	PQL	Start Date	Analyst	Method
VOC Preparation						
<i>VOC Extraction (solid)</i>						
Extraction Technique	Laboratory			5/12/2003	SS	
Sample Introduction SW846 5030	N/A			5/12/2003	SS	
Sample Introduction SW846 5035	Completed			5/12/2003	SS	
Sample Introduction SW846 5035 Mod	N/A			5/12/2003	SS	
Volatile Organic Compounds						
<i>VOCs by GC/MS</i>						
Acetone	Below det lim	ug/Kg	500	5/12/2003	CH	SW846 8260B
Acrylonitrile	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Benzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Bromobenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Bromochloromethane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Bromodichloromethane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Bromoform	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Bromomethane	Below det lim	ug/Kg	10.0	5/12/2003	CH	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/Kg	50.0	5/12/2003	CH	SW846 8260B
n-Butylbenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
sec-Butylbenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
tert-Butylbenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Carbon disulfide	Below det lim	ug/Kg	25.0	5/12/2003	CH	SW846 8260B
Carbon tetrachloride	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Chlorobenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Chloroethane	Below det lim	ug/Kg	10.0	5/12/2003	CH	SW846 8260B
Chloroform	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Chloromethane	Below det lim	ug/Kg	10.0	5/12/2003	CH	SW846 8260B
2-Chlorotoluene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
4-Chlorotoluene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/Kg	10.0	5/12/2003	CH	SW846 8260B
Dibromochloromethane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Dibromomethane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/Kg	10.0	5/12/2003	CH	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
cis-1,2-Dichloroethene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B

Lab ID No: AD84316
 Client Id: 163-9 2-4ft

Collection Date: 5/5/2003
 Matrix Soil

Parameter	Results	Units	PQL	Start Date	Analyst	Method
1,3-Dichloropropane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Ethylbenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Hexachlorobutadiene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/Kg	50.0	5/12/2003	CH	SW846 8260B
Isopropylbenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/Kg	50.0	5/12/2003	CH	SW846 8260B
Methylene chloride	Below det lim	ug/Kg	10.0	5/12/2003	CH	SW846 8260B
Naphthalene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
n-Propylbenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Styrene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Tetrachloroethene (PCE)	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Toluene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Trichloroethene (TCE)	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
Vinyl chloride	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
m,p-Xylenes	Below det lim	ug/Kg	10.0	5/12/2003	CH	SW846 8260B
o-Xylene	Below det lim	ug/Kg	5.00	5/12/2003	CH	SW846 8260B
4-Bromofluorobenzene (%SR)	84	ug/Kg	0.000	5/12/2003	CH	SW846 8260B
Dibromofluoromethane (%SR)	106	ug/Kg	0.000	5/12/2003	CH	SW846 8260B
1,2-Dichloroethane-d4 (%SR)	114	ug/Kg	0.000	5/12/2003	CH	SW846 8260B
Toluene-d8 (%SR)	98	ug/Kg	0.000	5/12/2003	CH	SW846 8260B
TPH Preparation						
Ultrasonic Extraction	Completed			5/9/2003	AM	SW846 3550B
Petroleum Hydrocarbon Analysis						
<i>Extractable TPH</i>						
Total Petroleum Hydrocarbons (C9-C36)	660	mg/Kg	20	5/12/2003	KG	CT ETPH

Lab ID No: AD84316
 Client Id: 163-9 2-4ft

Collection Date: 5/5/2003
 Matrix Soil

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Gasoline	Below det lim	mg/Kg	20	5/12/2003	KG	CT ETPH
Fuel Oil #2	Below det lim	mg/Kg	20	5/12/2003	KG	CT ETPH
Fuel Oil #4	Below det lim	mg/Kg	20	5/12/2003	KG	CT ETPH
Fuel Oil #6	Below det lim	mg/Kg	20	5/12/2003	KG	CT ETPH
Motor Oil	*	mg/Kg	20	5/12/2003	KG	CT ETPH
Aviation Fuel	Below det lim	mg/Kg	20	5/12/2003	KG	CT ETPH
Unidentified	660	mg/Kg	20	5/12/2003	KG	CT ETPH
Other Oil	Below det lim	mg/Kg	20	5/12/2003	KG	CT ETPH
1-Chloro-octadecane (%SR)	88	mg/Kg	0	5/12/2003	KG	CT ETPH
SVOC Preparation						
Ultrasonic Extraction	Completed			5/9/2003	AM	SW846 3550B
Semivolatile Organic Compounds						
PAHs by GC/MS						
Naphthalene	Below det lim	ug/Kg	227	5/12/2003	MSL	SW846 8270C
2-Methylnaphthalene	Below det lim	ug/Kg	227	5/12/2003	MSL	SW846 8270C
1-Methylnaphthalene	Below det lim	ug/Kg	227	5/12/2003	MSL	SW846 8270C
Acenaphthylene	1,200	ug/Kg	227	5/12/2003	MSL	SW846 8270C
Acenaphthene	360	ug/Kg	227	5/12/2003	MSL	SW846 8270C
Fluorene	540	ug/Kg	227	5/12/2003	MSL	SW846 8270C
Phenanthrene	8,500	ug/Kg	227	5/12/2003	MSL	SW846 8270C
Anthracene	2,100	ug/Kg	227	5/12/2003	MSL	SW846 8270C
Fluoranthene	20,000	ug/Kg	227	5/12/2003	MSL	SW846 8270C
Pyrene	18,000	ug/Kg	227	5/12/2003	MSL	SW846 8270C
Benzo (a) anthracene	8,400	ug/Kg	227	5/12/2003	MSL	SW846 8270C
Chrysene	11,000	ug/Kg	227	5/12/2003	MSL	SW846 8270C
Benzo (b) fluoranthene	12,000	ug/Kg	227	5/12/2003	MSL	SW846 8270C
Benzo (k) fluoranthene	8,200	ug/Kg	227	5/12/2003	MSL	SW846 8270C
Benzo (a) pyrene	10,000	ug/Kg	227	5/12/2003	MSL	SW846 8270C
Indeno (1,2,3-cd) pyrene	7,200	ug/Kg	227	5/12/2003	MSL	SW846 8270C
Dibenzo (a,h) anthracene	1,400	ug/Kg	227	5/12/2003	MSL	SW846 8270C
Benzo (g,h,i) perylene	7,900	ug/Kg	227	5/12/2003	MSL	SW846 8270C
2-Fluorobiphenyl (%SR)	64	ug/Kg	0.000	5/12/2003	MSL	SW846 8270C
Terphenyl-d14 (%SR)	78	ug/Kg	0.000	5/12/2003	MSL	SW846 8270C
Metals Preparation						
Mercury Digestion	Completed			5/12/2003	LR	EPA 245.2
Mercury Digestion on Leachate	Completed			5/10/2003	LR	EPA 245.2
Metals Digestion	Completed			5/12/2003	LR	EPA 200.7
Metals Digestion on Leachate	Completed			5/10/2003	LR	EPA 200.7
Metals Analysis						

Lab ID No: AD84316
Client Id: 163-9 2-4ft

Collection Date: 5/5/2003
Matrix Soil

Parameter	Results	Units	PQL	Start Date	Analyst	Method
SPLP RCRA8 Metals						
SPLP Arsenic	Below det lim	mg/L	0.015	5/12/2003	RE	1312/200.7
SPLP Barium	Below det lim	mg/L	0.015	5/12/2003	RE	1312/200.7
SPLP Cadmium	Below det lim	mg/L	0.0025	5/12/2003	RE	1312/200.7
SPLP Chromium	Below det lim	mg/L	0.005	5/12/2003	RE	1312/200.7
SPLP Lead	0.0121	mg/L	0.0075	5/12/2003	RE	1312/200.7
SPLP Selenium	Below det lim	mg/L	0.015	5/12/2003	RE	1312/200.7
SPLP Silver	Below det lim	mg/L	0.010	5/12/2003	RE	1312/200.7
SPLP Mercury	Below det lim	mg/L	0.0004	5/13/2003	EPE	1312/7470A
Total RCRA8 Metals						
Total Arsenic	8.13	mg/Kg	3.67	5/13/2003	RE	EPA 200.7
Total Barium	84.0	mg/Kg	1.22	5/13/2003	RE	EPA 200.7
Total Cadmium	1.59	mg/Kg	0.612	5/13/2003	RE	EPA 200.7
Total Chromium	29.2	mg/Kg	1.22	5/13/2003	RE	EPA 200.7
Total Lead	409	mg/Kg	1.83	5/13/2003	RE	EPA 200.7
Total Selenium	Below det lim	mg/Kg	3.67	5/13/2003	RE	EPA 200.7
Total Silver	Below det lim	mg/Kg	2.45	5/13/2003	RE	EPA 200.7
Total Mercury	Below det lim	mg/Kg	0.246	5/13/2003	EPE	SW846 7471A
TCLP/SPLP Preparation						
SPLP Extraction for Metals	Completed			5/8/2003	KP	SW846 1312
% Solids	69.9	%		5/9/2003	BH	SM2540 B Mod.

Lab ID No: AD84317
 Client Id: 163-10 2-4ft

Collection Date: 5/5/2003
 Matrix Soil

Parameter	Results	Units	PQL	Start Date	Analyst	Method
VOC Preparation						
<i>VOC Extraction (solid)</i>						
Extraction Technique	Laboratory			5/13/2003		
Sample Introduction SW846 5030	Completed			5/13/2003		
Sample Introduction SW846 5035	Completed			5/13/2003		
Sample Introduction SW846 5035 Mod	N/A			5/13/2003		
Volatile Organic Compounds						
<i>VOCs by GC/MS</i>						
Acetone	Below det lim	ug/Kg	940	5/13/2003	CH	SW846 8260B
Acrylonitrile	Below det lim	ug/Kg	47.0	5/13/2003	CH	SW846 8260B
Benzene	Below det lim	ug/Kg	47.0	5/13/2003	CH	SW846 8260B
Bromobenzene	Below det lim	ug/Kg	47.0	5/13/2003	CH	SW846 8260B
Bromochloromethane	Below det lim	ug/Kg	47.0	5/13/2003	CH	SW846 8260B
Bromodichloromethane	Below det lim	ug/Kg	47.0	5/13/2003	CH	SW846 8260B
Bromoform	Below det lim	ug/Kg	47.0	5/13/2003	CH	SW846 8260B
Bromomethane	Below det lim	ug/Kg	94.0	5/13/2003	CH	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/Kg	470	5/13/2003	CH	SW846 8260B
n-Butylbenzene	Below det lim	ug/Kg	47.0	5/13/2003	CH	SW846 8260B
sec-Butylbenzene	Below det lim	ug/Kg	47.0	5/13/2003	CH	SW846 8260B
tert-Butylbenzene	Below det lim	ug/Kg	47.0	5/13/2003	CH	SW846 8260B
Carbon disulfide	Below det lim	ug/Kg	235	5/13/2003	CH	SW846 8260B
Carbon tetrachloride	Below det lim	ug/Kg	47.0	5/13/2003	CH	SW846 8260B
Chlorobenzene	Below det lim	ug/Kg	47.0	5/13/2003	CH	SW846 8260B
Chloroethane	Below det lim	ug/Kg	94.0	5/13/2003	CH	SW846 8260B
Chloroform	Below det lim	ug/Kg	47.0	5/13/2003	CH	SW846 8260B
Chloromethane	Below det lim	ug/Kg	94.0	5/13/2003	CH	SW846 8260B
2-Chlorotoluene	Below det lim	ug/Kg	47.0	5/13/2003	CH	SW846 8260B
4-Chlorotoluene	Below det lim	ug/Kg	47.0	5/13/2003	CH	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/Kg	94.0	5/13/2003	CH	SW846 8260B
Dibromochloromethane	Below det lim	ug/Kg	47.0	5/13/2003	CH	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/Kg	47.0	5/13/2003	CH	SW846 8260B
Dibromomethane	Below det lim	ug/Kg	47.0	5/13/2003	CH	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/Kg	47.0	5/13/2003	CH	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/Kg	47.0	5/13/2003	CH	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/Kg	47.0	5/13/2003	CH	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/Kg	94.0	5/13/2003	CH	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/Kg	47.0	5/13/2003	CH	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/Kg	47.0	5/13/2003	CH	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/Kg	47.0	5/13/2003	CH	SW846 8260B
cis-1,2-Dichloroethene	Below det lim	ug/Kg	47.0	5/13/2003	CH	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/Kg	47.0	5/13/2003	CH	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/Kg	47.0	5/13/2003	CH	SW846 8260B

Lab ID No: AD84317
 Client Id: 163-10 2-4ft

Collection Date: 5/5/2003
 Matrix Soil

Parameter	Results	Units	PQL	Start Date	Analyst	Method
1,3-Dichloropropane	Below det lim	ug/Kg	47.0	5/13/2003	CH	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/Kg	47.0	5/13/2003	CH	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/Kg	47.0	5/13/2003	CH	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/Kg	47.0	5/13/2003	CH	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/Kg	47.0	5/13/2003	CH	SW846 8260B
Ethylbenzene	Below det lim	ug/Kg	47.0	5/13/2003	CH	SW846 8260B
Hexachlorobutadiene	Below det lim	ug/Kg	47.0	5/13/2003	CH	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/Kg	47.0	5/13/2003	CH	SW846 8260B
Isopropylbenzene	Below det lim	ug/Kg	47.0	5/13/2003	CH	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/Kg	47.0	5/13/2003	CH	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/Kg	47.0	5/13/2003	CH	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/Kg	47.0	5/13/2003	CH	SW846 8260B
Methylene chloride	Below det lim	ug/Kg	47.0	5/13/2003	CH	SW846 8260B
Naphthalene	Below det lim	ug/Kg	47.0	5/13/2003	CH	SW846 8260B
n-Propylbenzene	Below det lim	ug/Kg	47.0	5/13/2003	CH	SW846 8260B
Styrene	Below det lim	ug/Kg	47.0	5/13/2003	CH	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/Kg	47.0	5/13/2003	CH	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/Kg	47.0	5/13/2003	CH	SW846 8260B
Tetrachloroethene (PCE)	Below det lim	ug/Kg	47.0	5/13/2003	CH	SW846 8260B
Toluene	Below det lim	ug/Kg	47.0	5/13/2003	CH	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/Kg	47.0	5/13/2003	CH	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/Kg	47.0	5/13/2003	CH	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/Kg	47.0	5/13/2003	CH	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/Kg	47.0	5/13/2003	CH	SW846 8260B
Trichloroethene (TCE)	Below det lim	ug/Kg	47.0	5/13/2003	CH	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/Kg	47.0	5/13/2003	CH	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/Kg	47.0	5/13/2003	CH	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/Kg	47.0	5/13/2003	CH	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/Kg	47.0	5/13/2003	CH	SW846 8260B
Vinyl chloride	Below det lim	ug/Kg	47.0	5/13/2003	CH	SW846 8260B
m,p-Xylenes	Below det lim	ug/Kg	94.0	5/13/2003	CH	SW846 8260B
o-Xylene	Below det lim	ug/Kg	47.0	5/13/2003	CH	SW846 8260B
4-Bromofluorobenzene (%SR)	92	ug/Kg	0.000	5/13/2003	CH	SW846 8260B
Dibromofluoromethane (%SR)	98	ug/Kg	0.000	5/13/2003	CH	SW846 8260B
1,2-Dichloroethane-d4 (%SR)	95	ug/Kg	0.000	5/13/2003	CH	SW846 8260B
Toluene-d8 (%SR)	99	ug/Kg	0.000	5/13/2003	CH	SW846 8260B

TPH Preparation

Ultrasonic Extraction	Completed			5/9/2003	AM	SW846 3550B
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Petroleum Hydrocarbon Analysis

Extractable TPH

Total Petroleum Hydrocarbons (C9-C36)	120	mg/Kg	20	5/12/2003	KG	CT ETPH
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Lab ID No: AD84317
 Client Id: 163-10 2-4ft

Collection Date: 5/5/2003
 Matrix Soil

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Gasoline	Below det lim	mg/Kg	20	5/12/2003	KG	CT ETPH
Fuel Oil #2	Below det lim	mg/Kg	20	5/12/2003	KG	CT ETPH
Fuel Oil #4	Below det lim	mg/Kg	20	5/12/2003	KG	CT ETPH
Fuel Oil #6	Below det lim	mg/Kg	20	5/12/2003	KG	CT ETPH
Motor Oil	*	mg/Kg	20	5/12/2003	KG	CT ETPH
Aviation Fuel	Below det lim	mg/Kg	20	5/12/2003	KG	CT ETPH
Unidentified	120	mg/Kg	20	5/12/2003	KG	CT ETPH
Other Oil	Below det lim	mg/Kg	20	5/12/2003	KG	CT ETPH
1-Chloro-octadecane (%SR)	46	mg/Kg	0.	5/12/2003	KG	CT ETPH

SVOC Preparation

Ultrasonic Extraction	Completed			5/9/2003	AM	SW846 3550B
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Semivolatile Organic Compounds

PAHs by GC/MS

Naphthalene	Below det lim	ug/Kg	199	5/12/2003	MSL	SW846 8270C
2-Methylnaphthalene	Below det lim	ug/Kg	199	5/12/2003	MSL	SW846 8270C
1-Methylnaphthalene	Below det lim	ug/Kg	199	5/12/2003	MSL	SW846 8270C
Acenaphthylene	510	ug/Kg	199	5/12/2003	MSL	SW846 8270C
Acenaphthene	Below det lim	ug/Kg	199	5/12/2003	MSL	SW846 8270C
Fluorene	Below det lim	ug/Kg	199	5/12/2003	MSL	SW846 8270C
Phenanthrene	870	ug/Kg	199	5/12/2003	MSL	SW846 8270C
Anthracene	310	ug/Kg	199	5/12/2003	MSL	SW846 8270C
Fluoranthene	2,000	ug/Kg	199	5/12/2003	MSL	SW846 8270C
Pyrene	2,000	ug/Kg	199	5/12/2003	MSL	SW846 8270C
Benzo (a) anthracene	960	ug/Kg	199	5/12/2003	MSL	SW846 8270C
Chrysene	1,200	ug/Kg	199	5/12/2003	MSL	SW846 8270C
Benzo (b) fluoranthene	1,200	ug/Kg	199	5/12/2003	MSL	SW846 8270C
Benzo (k) fluoranthene	740	ug/Kg	199	5/12/2003	MSL	SW846 8270C
Benzo (a) pyrene	1,200	ug/Kg	199	5/12/2003	MSL	SW846 8270C
Indeno (1,2,3-cd) pyrene	830	ug/Kg	199	5/12/2003	MSL	SW846 8270C
Dibenzo (a,h) anthracene	Below det lim	ug/Kg	199	5/12/2003	MSL	SW846 8270C
Benzo (g,h,i) perylene	920	ug/Kg	199	5/12/2003	MSL	SW846 8270C
2-Fluorobiphenyl (%SR)	62	ug/Kg	0.000	5/12/2003	MSL	SW846 8270C
Terphenyl-d14 (%SR)	60	ug/Kg	0.000	5/12/2003	MSL	SW846 8270C

Metals Preparation

Mercury Digestion	Completed			5/12/2003	LR	EPA 245.2
Mercury Digestion on Leachate	Completed			5/10/2003	LR	EPA 245.2
Metals Digestion	Completed			5/12/2003	LR	EPA 200.7
Metals Digestion on Leachate	Completed			5/10/2003	LR	EPA 200.7

Metals Analysis

Lab ID No: AD84317
 Client Id: 163-10 2-4ft

Collection Date: 5/5/2003
 Matrix Soil

Parameter	Results	Units	PQL	Start Date	Analyst	Method
SPLP RCRA8 Metals						
SPLP Arsenic	Below det lim	mg/L	0.015	5/12/2003	RE	1312/200.7
SPLP Barium	Below det lim	mg/L	0.009	5/12/2003	RE	1312/200.7
SPLP Cadmium	Below det lim	mg/L	0.0025	5/12/2003	RE	1312/200.7
SPLP Chromium	Below det lim	mg/L	0.005	5/12/2003	RE	1312/200.7
SPLP Lead	Below det lim	mg/L	0.0075	5/12/2003	RE	1312/200.7
SPLP Selenium	Below det lim	mg/L	0.015	5/12/2003	RE	1312/200.7
SPLP Silver	Below det lim	mg/L	0.010	5/12/2003	RE	1312/200.7
SPLP Mercury	Below det lim	mg/L	0.0004	5/13/2003	EPE	1312/7470A
Total RCRA8 Metals						
Total Arsenic	10.7	mg/Kg	3.67	5/13/2003	RE	EPA 200.7
Total Barium	101	mg/Kg	1.22	5/13/2003	RE	EPA 200.7
Total Cadmium	0.710	mg/Kg	0.612	5/13/2003	RE	EPA 200.7
Total Chromium	34.6	mg/Kg	1.22	5/13/2003	RE	EPA 200.7
Total Lead	212	mg/Kg	1.83	5/13/2003	RE	EPA 200.7
Total Selenium	Below det lim	mg/Kg	3.67	5/13/2003	RE	EPA 200.7
Total Silver	Below det lim	mg/Kg	2.45	5/13/2003	RE	EPA 200.7
Total Mercury	0.246	mg/Kg	0.222	5/13/2003	EPE	SW846 7471A
TCLP/SPLP Preparation						
SPLP Extraction for Metals	Completed			5/8/2003	KP	SW846 1312
% Solids	74.6	%		5/9/2003	BH	SM2540 B Mod.

Lab ID No: AD84318
Client Id: 163-11 0-2ft

Collection Date: 5/5/2003
Matrix Soil

Parameter	Results	Units	PQL	Start Date	Analyst	Method
VOC Preparation						
VOC Extraction (solid)						
Extraction Technique	Laboratory			5/12/2003	SS	
Sample Introduction SW846 5030	N/A			5/12/2003	SS	
Sample Introduction SW846 5035	Completed			5/12/2003	SS	
Sample Introduction SW846 5035 Mod	N/A			5/12/2003	SS	
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/Kg	400	5/13/2003	CH	SW846 8260B
Acrylonitrile	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
Benzene	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
Bromobenzene	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
Bromochloromethane	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
Bromodichloromethane	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
Bromoform	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
Bromomethane	Below det lim	ug/Kg	10.0	5/13/2003	CH	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/Kg	50.0	5/13/2003	CH	SW846 8260B
n-Butylbenzene	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
sec-Butylbenzene	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
tert-Butylbenzene	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
Carbon disulfide	Below det lim	ug/Kg	25.0	5/13/2003	CH	SW846 8260B
Carbon tetrachloride	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
Chlorobenzene	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
Chloroethane	Below det lim	ug/Kg	10.0	5/13/2003	CH	SW846 8260B
Chloroform	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
Chloromethane	Below det lim	ug/Kg	10.0	5/13/2003	CH	SW846 8260B
2-Chlorotoluene	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
4-Chlorotoluene	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/Kg	10.0	5/13/2003	CH	SW846 8260B
Dibromochloromethane	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
Dibromomethane	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/Kg	10.0	5/13/2003	CH	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
cis-1,2-Dichloroethene	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B

Lab ID No: AD84318
 Client Id: 163-11 0-2ft

Collection Date: 5/5/2003
 Matrix Soil

Parameter	Results	Units	PQL	Start Date	Analyst	Method
1,3-Dichloropropane	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
Ethylbenzene	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
Hexachlorobutadiene	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/Kg	50.0	5/13/2003	CH	SW846 8260B
Isopropylbenzene	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/Kg	50.0	5/13/2003	CH	SW846 8260B
Methylene chloride	Below det lim	ug/Kg	10.0	5/13/2003	CH	SW846 8260B
Naphthalene	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
n-Propylbenzene	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
Styrene	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
Tetrachloroethene (PCE)	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
Toluene	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
Trichloroethene (TCE)	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
Vinyl chloride	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
m,p-Xylenes	Below det lim	ug/Kg	10.0	5/13/2003	CH	SW846 8260B
o-Xylene	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
4-Bromofluorobenzene (%SR)	85	ug/Kg	0.000	5/13/2003	CH	SW846 8260B
Dibromofluoromethane (%SR)	105	ug/Kg	0.000	5/13/2003	CH	SW846 8260B
1,2-Dichloroethane-d4 (%SR)	114	ug/Kg	0.000	5/13/2003	CH	SW846 8260B
Toluene-d8 (%SR)	99	ug/Kg	0.000	5/13/2003	CH	SW846 8260B

TPH Preparation

Ultrasonic Extraction	Completed			5/9/2003	AM	SW846 3550B
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Petroleum Hydrocarbon Analysis

Extractable TPH

Total Petroleum Hydrocarbons (C9-C36)	140	mg/Kg	20	5/12/2003	KG	CT ETPH
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Lab ID No: AD84318
Client Id: 163-11 0-2ft

Collection Date: 5/5/2003
Matrix Soil

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Gasoline	Below det lim	mg/Kg	20	5/12/2003	KG	CT ETPH
Fuel Oil #2	Below det lim	mg/Kg	20	5/12/2003	KG	CT ETPH
Fuel Oil #4	Below det lim	mg/Kg	20	5/12/2003	KG	CT ETPH
Fuel Oil #6	Below det lim	mg/Kg	20	5/12/2003	KG	CT ETPH
Motor Oil	*	mg/Kg	20	5/12/2003	KG	CT ETPH
Aviation Fuel	Below det lim	mg/Kg	20	5/12/2003	KG	CT ETPH
Unidentified	140	mg/Kg	20	5/12/2003	KG	CT ETPH
Other Oil	Below det lim	mg/Kg	20	5/12/2003	KG	CT ETPH
1-Chloro-octadecane (%SR)	48	mg/Kg	0.	5/12/2003	KG	CT ETPH
SVOC Preparation						
Ultrasonic Extraction	Completed			5/9/2003	AM	SW846 3550B
Semivolatile Organic Compounds						
<i>PAHs by GC/MS</i>						
Naphthalene	Below det lim	ug/Kg	186	5/12/2003	MSL	SW846 8270C
2-Methylnaphthalene	Below det lim	ug/Kg	186	5/12/2003	MSL	SW846 8270C
1-Methylnaphthalene	Below det lim	ug/Kg	186	5/12/2003	MSL	SW846 8270C
Acenaphthylene	Below det lim	ug/Kg	186	5/12/2003	MSL	SW846 8270C
Acenaphthene	Below det lim	ug/Kg	186	5/12/2003	MSL	SW846 8270C
Fluorene	Below det lim	ug/Kg	186	5/12/2003	MSL	SW846 8270C
Phenanthrene	510	ug/Kg	186	5/12/2003	MSL	SW846 8270C
Anthracene	Below det lim	ug/Kg	186	5/12/2003	MSL	SW846 8270C
Fluoranthene	1,100	ug/Kg	186	5/12/2003	MSL	SW846 8270C
Pyrene	970	ug/Kg	186	5/12/2003	MSL	SW846 8270C
Benzo (a) anthracene	460	ug/Kg	186	5/12/2003	MSL	SW846 8270C
Chrysene	570	ug/Kg	186	5/12/2003	MSL	SW846 8270C
Benzo (b) fluoranthene	670	ug/Kg	186	5/12/2003	MSL	SW846 8270C
Benzo (k) fluoranthene	360	ug/Kg	186	5/12/2003	MSL	SW846 8270C
Benzo (a) pyrene	540	ug/Kg	186	5/12/2003	MSL	SW846 8270C
Indeno (1,2,3-cd) pyrene	380	ug/Kg	186	5/12/2003	MSL	SW846 8270C
Dibenzo (a,h) anthracene	Below det lim	ug/Kg	186	5/12/2003	MSL	SW846 8270C
Benzo (g,h,i) perylene	430	ug/Kg	186	5/12/2003	MSL	SW846 8270C
2-Fluorobiphenyl (%SR)	68	ug/Kg	0.000	5/12/2003	MSL	SW846 8270C
Terphenyl-d14 (%SR)	72	ug/Kg	0.000	5/12/2003	MSL	SW846 8270C
Metals Preparation						
Mercury Digestion	Completed			5/12/2003	LR	EPA 245.2
Mercury Digestion on Leachate	Completed			5/10/2003	LR	EPA 245.2
Metals Digestion	Completed			5/12/2003	LR	EPA 200.7
Metals Digestion on Leachate	Completed			5/10/2003	LR	EPA 200.7

Metals Analysis

Lab ID No: AD84318
Client Id: 163-11 0-2ft

Collection Date: 5/5/2003
Matrix Soil

Parameter	Results	Units	PQL	Start Date	Analyst	Method
SPLP RCRA8 Metals						
SPLP Arsenic	Below det lim	mg/L	0.015	5/12/2003	RE	1312/200.7
SPLP Barium	Below det lim	mg/L	0.009	5/12/2003	RE	1312/200.7
SPLP Cadmium	Below det lim	mg/L	0.0025	5/12/2003	RE	1312/200.7
SPLP Chromium	Below det lim	mg/L	0.005	5/12/2003	RE	1312/200.7
SPLP Lead	Below det lim	mg/L	0.0075	5/12/2003	RE	1312/200.7
SPLP Selenium	Below det lim	mg/L	0.015	5/12/2003	RE	1312/200.7
SPLP Silver	Below det lim	mg/L	0.010	5/12/2003	RE	1312/200.7
SPLP Mercury	Below det lim	mg/L	0.0004	5/13/2003	EPE	1312/7470A
Total RCRA8 Metals						
Total Arsenic	7.58	mg/Kg	3.30	5/13/2003	RE	EPA 200.7
Total Barium	99.0	mg/Kg	1.10	5/13/2003	RE	EPA 200.7
Total Cadmium	Below det lim	mg/Kg	0.549	5/13/2003	RE	EPA 200.7
Total Chromium	31.4	mg/Kg	1.10	5/13/2003	RE	EPA 200.7
Total Lead	131	mg/Kg	1.65	5/13/2003	RE	EPA 200.7
Total Selenium	Below det lim	mg/Kg	3.30	5/13/2003	RE	EPA 200.7
Total Silver	Below det lim	mg/Kg	2.20	5/13/2003	RE	EPA 200.7
Total Mercury	0.308	mg/Kg	0.204	5/13/2003	EPE	SW846 7471A
TCLP/SPLP Preparation						
SPLP Extraction for Metals	Completed			5/8/2003	KP	SW846 1312
% Solids	81.2	%		5/9/2003	BH	SM2540 B Mod.

Lab ID No: AD84319
Client Id: 163-12 0-2ft

Collection Date: 5/5/2003
Matrix Soil

Parameter	Results	Units	PQL	Start Date	Analyst	Method
VOC Preparation						
VOC Extraction (solid)						
Extraction Technique	Laboratory			5/12/2003	SS	
Sample Introduction SW846 5030	N/A			5/12/2003	SS	
Sample Introduction SW846 5035	Completed			5/12/2003	SS	
Sample Introduction SW846 5035 Mod	N/A			5/12/2003	SS	
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/Kg	700	5/13/2003	CH	SW846 8260B
Acrylonitrile	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
Benzene	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
Bromobenzene	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
Bromochloromethane	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
Bromodichloromethane	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
Bromoform	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
Bromomethane	Below det lim	ug/Kg	10.0	5/13/2003	CH	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/Kg	100.0	5/13/2003	CH	SW846 8260B
n-Butylbenzene	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
sec-Butylbenzene	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
tert-Butylbenzene	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
Carbon disulfide	Below det lim	ug/Kg	25.0	5/13/2003	CH	SW846 8260B
Carbon tetrachloride	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
Chlorobenzene	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
Chloroethane	Below det lim	ug/Kg	10.0	5/13/2003	CH	SW846 8260B
Chloroform	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
Chloromethane	Below det lim	ug/Kg	10.0	5/13/2003	CH	SW846 8260B
2-Chlorotoluene	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
4-Chlorotoluene	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/Kg	10.0	5/13/2003	CH	SW846 8260B
Dibromochloromethane	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
Dibromomethane	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/Kg	10.0	5/13/2003	CH	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
cis-1,2-Dichloroethene	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B

Lab ID No: AD84319
 Client Id: 163-12 0-2ft

Collection Date: 5/5/2003
 Matrix Soil

Parameter	Results	Units	PQL	Start Date	Analyst	Method
1,3-Dichloropropane	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
Ethylbenzene	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
Hexachlorobutadiene	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/Kg	50.0	5/13/2003	CH	SW846 8260B
Isopropylbenzene	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/Kg	50.0	5/13/2003	CH	SW846 8260B
Methylene chloride	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
Naphthalene	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
n-Propylbenzene	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
Styrene	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
Tetrachloroethene (PCE)	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
Toluene	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
Trichloroethene (TCE)	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
Vinyl chloride	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
m,p-Xylenes	Below det lim	ug/Kg	10.0	5/13/2003	CH	SW846 8260B
o-Xylene	Below det lim	ug/Kg	5.00	5/13/2003	CH	SW846 8260B
4-Bromofluorobenzene (%SR)	79	ug/Kg	0.000	5/13/2003	CH	SW846 8260B
Dibromofluoromethane (%SR)	109	ug/Kg	0.000	5/13/2003	CH	SW846 8260B
1,2-Dichloroethane-d4 (%SR)	118	ug/Kg	0.000	5/13/2003	CH	SW846 8260B
Toluene-d8 (%SR)	93	ug/Kg	0.000	5/13/2003	CH	SW846 8260B

TPH Preparation

Ultrasonic Extraction	Completed			5/9/2003	AM	SW846 3550B
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Petroleum Hydrocarbon Analysis

Extractable TPH

Total Petroleum Hydrocarbons (C9-C36)	410	mg/Kg	20	5/12/2003	JD	CT ETPH
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Lab ID No: AD84319
Client Id: 163-12 0-2ft

Collection Date: 5/5/2003
Matrix Soil

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Gasoline	Below det lim	mg/Kg	20	5/12/2003	JD	CT ETPH
Fuel Oil #2	Below det lim	mg/Kg	20	5/12/2003	JD	CT ETPH
Fuel Oil #4	Below det lim	mg/Kg	20	5/12/2003	JD	CT ETPH
Fuel Oil #6	Below det lim	mg/Kg	20	5/12/2003	JD	CT ETPH
Motor Oil	*	mg/Kg	20	5/12/2003	JD	CT ETPH
Aviation Fuel	Below det lim	mg/Kg	20	5/12/2003	JD	CT ETPH
Unidentified	410	mg/Kg	20	5/12/2003	JD	CT ETPH
Other Oil	Below det lim	mg/Kg	20	5/12/2003	JD	CT ETPH
1-Chloro-octadecane (%SR)	77	mg/Kg	0.	5/12/2003	JD	CT ETPH

SVOC Preparation

Ultrasonic Extraction	Completed			5/9/2003	AM	SW846 3550B
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Semivolatile Organic Compounds

PAHs by GC/MS

Naphthalene	Below det lim	ug/Kg	231	5/12/2003	MSL	SW846 8270C
2-Methylnaphthalene	Below det lim	ug/Kg	231	5/12/2003	MSL	SW846 8270C
1-Methylnaphthalene	Below det lim	ug/Kg	231	5/12/2003	MSL	SW846 8270C
Acenaphthylene	Below det lim	ug/Kg	231	5/12/2003	MSL	SW846 8270C
Acenaphthene	Below det lim	ug/Kg	231	5/12/2003	MSL	SW846 8270C
Fluorene	Below det lim	ug/Kg	231	5/12/2003	MSL	SW846 8270C
Phenanthrene	2,000	ug/Kg	231	5/12/2003	MSL	SW846 8270C
Anthracene	450	ug/Kg	231	5/12/2003	MSL	SW846 8270C
Fluoranthene	3,300	ug/Kg	231	5/12/2003	MSL	SW846 8270C
Pyrene	2,900	ug/Kg	231	5/12/2003	MSL	SW846 8270C
Benzo (a) anthracene	1,300	ug/Kg	231	5/12/2003	MSL	SW846 8270C
Chrysene	1,700	ug/Kg	231	5/12/2003	MSL	SW846 8270C
Benzo (b) fluoranthene	2,100	ug/Kg	231	5/12/2003	MSL	SW846 8270C
Benzo (k) fluoranthene	2,100	ug/Kg	231	5/12/2003	MSL	SW846 8270C
Benzo (a) pyrene	1,100	ug/Kg	231	5/12/2003	MSL	SW846 8270C
Indeno (1,2,3-cd) pyrene	1,400	ug/Kg	231	5/12/2003	MSL	SW846 8270C
Dibenzo (a,h) anthracene	Below det lim	ug/Kg	231	5/12/2003	MSL	SW846 8270C
Benzo (g,h,i) perylene	1,500	ug/Kg	231	5/12/2003	MSL	SW846 8270C
2-Fluorobiphenyl (%SR)	61	ug/Kg	0.000	5/12/2003	MSL	SW846 8270C
Terphenyl-d14 (%SR)	62	ug/Kg	0.000	5/12/2003	MSL	SW846 8270C

Metals Preparation

Mercury Digestion	Completed			5/12/2003	LR	EPA 245.2
Mercury Digestion on Leachate	Completed			5/10/2003	LR	EPA 245.2
Metals Digestion	Completed			5/12/2003	LR	EPA 200.7
Metals Digestion on Leachate	Completed			5/10/2003	LR	EPA 200.7

Metals Analysis

Lab ID No: AD84319
Client Id: 163-12 0-2ft

Collection Date: 5/5/2003
Matrix Soil

Parameter	Results	Units	PQL	Start Date	Analyst	Method
SPLP RCRA8 Metals						
SPLP Arsenic	Below det lim	mg/L	0.015	5/12/2003	RE	1312/200.7
SPLP Barium	Below det lim	mg/L	0.009	5/12/2003	RE	1312/200.7
SPLP Cadmium	Below det lim	mg/L	0.0025	5/12/2003	RE	1312/200.7
SPLP Chromium	Below det lim	mg/L	0.005	5/12/2003	RE	1312/200.7
SPLP Lead	0.0674	mg/L	0.0075	5/12/2003	RE	1312/200.7
SPLP Selenium	Below det lim	mg/L	0.015	5/12/2003	RE	1312/200.7
SPLP Silver	Below det lim	mg/L	0.010	5/12/2003	RE	1312/200.7
SPLP Mercury	Below det lim	mg/L	0.0004	5/13/2003	EPE	1312/7470A
Total RCRA8 Metals						
Total Arsenic	12.7	mg/Kg	3.05	5/13/2003	RE	EPA 200.7
Total Barium	230	mg/Kg	1.02	5/13/2003	RE	EPA 200.7
Total Cadmium	5.75	mg/Kg	0.508	5/13/2003	RE	EPA 200.7
Total Chromium	45.9	mg/Kg	1.02	5/13/2003	RE	EPA 200.7
Total Lead	1,270	mg/Kg	1.52	5/13/2003	RE	EPA 200.7
Total Selenium	Below det lim	mg/Kg	3.50	5/13/2003	RE	EPA 200.7
Total Silver	Below det lim	mg/Kg	2.03	5/13/2003	RE	EPA 200.7
Total Mercury	Below det lim	mg/Kg	0.179	5/13/2003	EPE	SW846 7471A
TCLP/SPLP Preparation						
SPLP Extraction for Metals	Completed			5/8/2003	KP	SW846 1312
% Solids	88.2	%		5/9/2003	BH	SM2540 B Mod.

APPENDIX C
QA/QC Sample
Laboratory Reports

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
<i>VOCs by GC/MS</i>						
Acetone	Below det lim	ug/L	20.0	5/9/2003	CH	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
Benzene	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	5/9/2003	CH	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	5/9/2003	CH	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	5/9/2003	CH	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	5/9/2003	CH	SW846 8260B
Chloroform	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	5/9/2003	CH	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	5/9/2003	CH	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	5/9/2003	CH	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
cis-1,2-Dichloroethene	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B

Lab ID No: AD84320

Client Id: FB-1

Collection Date: 5/5/2003

Matrix Blank Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Hexachlorobutadiene	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	10.0	5/9/2003	CH	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	5/9/2003	CH	SW846 8260B
Methylene chloride	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
Naphthalene	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
Styrene	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
Tetrachloroethene (PCE)	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
Toluene	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
Trichloroethene (TCE)	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
Vinyl chloride	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	5/9/2003	CH	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
4-Bromofluorobenzene (%SR)	101	ug/L		5/9/2003	CH	SW846 8260B
1,4-Difluorobenzene (%SR)	na	ug/L		5/9/2003	CH	SW846 8260B
Chlorobenzene-d5 (%SR)	na	ug/L		5/9/2003	CH	SW846 8260B
Dibromofluoromethane (%SR)	103	ug/L		5/9/2003	CH	SW846 8260B
1,2-Dichloroethane-d4 (%SR)	106	ug/L		5/9/2003	CH	SW846 8260B
Toluene-d8 (%SR)	101	ug/L		5/9/2003	CH	SW846 8260B

TPH Preparation

Separatory Funnel Extraction	Completed			5/9/2003	AAS	SW846 3510C
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Petroleum Hydrocarbon Analysis**Extractable TPH**

Total Petroleum Hydrocarbons (C9-C36)	Below det lim	mg/L	0.1	5/12/2003	JD	CT ETPH
Gasoline	Below det lim	mg/L	0.1	5/12/2003	JD	CT ETPH
Fuel Oil #2	Below det lim	mg/L	0.1	5/12/2003	JD	CT ETPH
Fuel Oil #4	Below det lim	mg/L	0.1	5/12/2003	JD	CT ETPH
Fuel Oil #6	Below det lim	mg/L	0.1	5/12/2003	JD	CT ETPH

Lab ID No: AD84320

Client Id: FB-1

Collection Date: 5/5/2003

Matrix Blank Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Motor Oil	Below det lim	mg/L	0.1	5/12/2003	JD	CT ETPH
Aviation Fuel	Below det lim	mg/L	0.1	5/12/2003	JD	CT ETPH
Unidentified	Below det lim	mg/L	0.1	5/12/2003	JD	CT ETPH
Other Oil	Below det lim	mg/L	0.1	5/12/2003	JD	CT ETPH
1-Chloro-octadecane (%SR)	72	mg/L		5/12/2003	JD	CT ETPH
SVOC Preparation						
Seratory Funnel Extraction	Completed			5/9/2003	AAS	SW846 3510C
Semivolatile Organic Compounds						
PAHs by GC/MS						
Naphthalene	Below det lim	ug/L	5.00	5/12/2003	MSL	SW846 8270C
2-Methylnaphthalene	Below det lim	ug/L	5.00	5/12/2003	MSL	SW846 8270C
1-Methylnaphthalene	Below det lim	ug/L	5.00	5/12/2003	MSL	SW846 8270C
Acenaphthylene	Below det lim	ug/L	5.00	5/12/2003	MSL	SW846 8270C
Acenaphthene	Below det lim	ug/L	5.00	5/12/2003	MSL	SW846 8270C
Fluorene	Below det lim	ug/L	5.00	5/12/2003	MSL	SW846 8270C
Phenanthrene	Below det lim	ug/L	5.00	5/12/2003	MSL	SW846 8270C
Anthracene	Below det lim	ug/L	5.00	5/12/2003	MSL	SW846 8270C
Fluoranthene	Below det lim	ug/L	5.00	5/12/2003	MSL	SW846 8270C
Pyrene	Below det lim	ug/L	5.00	5/12/2003	MSL	SW846 8270C
Benzo (a) anthracene	Below det lim	ug/L	5.00	5/12/2003	MSL	SW846 8270C
Chrysene	Below det lim	ug/L	5.00	5/12/2003	MSL	SW846 8270C
Benzo (b) fluoranthene	Below det lim	ug/L	5.00	5/12/2003	MSL	SW846 8270C
Benzo (k) fluoranthene	Below det lim	ug/L	5.00	5/12/2003	MSL	SW846 8270C
Benzo (a) pyrene	Below det lim	ug/L	5.00	5/12/2003	MSL	SW846 8270C
Indeno (1,2,3-cd) pyrene	Below det lim	ug/L	5.00	5/12/2003	MSL	SW846 8270C
Dibenzo (a,h) anthracene	Below det lim	ug/L	5.00	5/12/2003	MSL	SW846 8270C
Benzo (g,h,i) perylene	Below det lim	ug/L	5.00	5/12/2003	MSL	SW846 8270C
2-Fluorobiphenyl (%SR)	59	ug/L	0.000	5/12/2003	MSL	SW846 8270C
Terphenyl-d14 (%SR)	61	ug/L	0.000	5/12/2003	MSL	SW846 8270C
Metals Preparation						
Mercury Digestion	Completed			5/12/2003	LK	EPA 245.2
Metals Digestion	Completed			5/12/2003	LK	EPA 200.7
Metals Analysis						
Total RCRA8 Metals						
Total Arsenic	Below det lim	mg/L	0.004	5/12/2003	CRE	EPA 200.7
Total Barium	Below det lim	mg/L	0.0025	5/12/2003	CRE	EPA 200.7
Total Cadmium	Below det lim	mg/L	0.00125	5/12/2003	CRE	EPA 200.7
Total Chromium	Below det lim	mg/L	0.0025	5/12/2003	CRE	EPA 200.7
Total Lead	Below det lim	mg/L	0.00375	5/12/2003	CRE	EPA 200.7
Total Selenium	Below det lim	mg/L	0.0075	5/12/2003	CRE	EPA 200.7

Lab ID No: AD84320

Client Id: FB-1

Collection Date: 5/5/2003

Matrix Blank Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Total Silver	Below det lim	mg/L	0.005	5/12/2003	CRE	EPA 200.7
Total Mercury	Below det lim	mg/L	0.0004	5/13/2003	EPE	EPA 245.2

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
<i>VOCs by GC/MS</i>						
Acetone	Below det lim	ug/L	20.0	5/9/2003	CH	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
Benzene	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	5/9/2003	CH	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	5/9/2003	CH	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	5/9/2003	CH	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	5/9/2003	CH	SW846 8260B
Chloroform	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	5/9/2003	CH	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	5/9/2003	CH	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	5/9/2003	CH	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
cis-1,2-Dichloroethene	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B

Lab ID No: AD84321

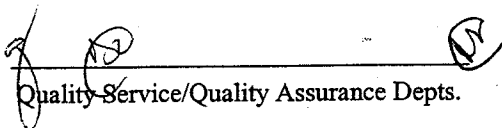
Client Id: TB-1

Collection Date: 5/5/2003

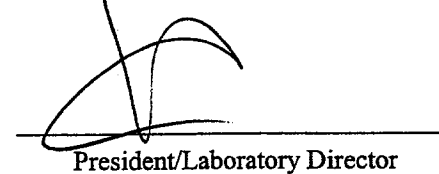
Matrix Blank Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Hexachlorobutadiene	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	10.0	5/9/2003	CH	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	5/9/2003	CH	SW846 8260B
Methylene chloride	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
Naphthalene	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
Styrene	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
Tetrachloroethene (PCE)	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
Toluene	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
Trichloroethene (TCE)	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
Vinyl chloride	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	5/9/2003	CH	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	5/9/2003	CH	SW846 8260B
4-Bromofluorobenzene (%SR)	101	ug/L		5/9/2003	CH	SW846 8260B
1,4-Difluorobenzene (%SR)	na	ug/L		5/9/2003	CH	SW846 8260B
Chlorobenzene-d5 (%SR)	na	ug/L		5/9/2003	CH	SW846 8260B
Dibromofluoromethane (%SR)	105	ug/L		5/9/2003	CH	SW846 8260B
1,2-Dichloroethane-d4 (%SR)	112	ug/L		5/9/2003	CH	SW846 8260B
Toluene-d8 (%SR)	102	ug/L		5/9/2003	CH	SW846 8260B

Reviewed by:


Quality Service/Quality Assurance Depts.

Validated by:


President/Laboratory Director

5/15/2003



SPECTRUM ANALYTICAL, INC.

Featuring

HANIBAL TECHNOLOGY

Laboratory Report Supplement

Interpretation of Total Petroleum Hydrocarbon Report

Petroleum identification is determined by comparing the GC fingerprint obtained from the sample with a library of GC fingerprints obtained from analyses of various petroleum products. Possible match categories are as follows:

- Gasoline – includes regular, unleaded, premium, etc.
- Fuel Oil #2 – includes home heating oil, #2 fuel oil, and diesel
- Fuel Oil #4 – includes #4 fuel oil
- Fuel Oil #6 – includes #6 fuel oil and bunker “C” oil
- Motor Oil – includes virgin and waste automobile oil
- Ligroin – includes mineral spirits, petroleum naphtha, vm&p naphtha
- Aviation Fuel – includes kerosene, Jet A and JP-4
- Other Oil – includes lubricating and cutting oil, and silicon oil

Factors such as microbial degradation, weathering and solubility generally prevent specific identification within a petroleum category. A finding of “unidentified” means that the sample fingerprint was characteristic of a petroleum product, but could not be matched to a fingerprint in our library.

After identification, the amount present in the sample is quantified using a calibration curve prepared from a petroleum product of the same category as the identified petroleum. Unidentified petroleum is quantified using a petroleum calibration that approximates the distribution of compounds in the sample. A * in the results column indicates the primary petroleum fingerprint calibration used to quantify unidentified samples. A ** in the results column indicates the secondary petroleum fingerprint calibration used to quantify unidentified samples. A *** in the results column indicates the tertiary petroleum fingerprint calibration used to quantify unidentified samples.



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HANIBAL TECHNOLOGY

Laboratory Report Supplement

References

SW 846	Test Methods for Evaluating Solid Waste. Third edition, 1998
40 CFR 136	Guidelines Establishing Test Procedures for the Analysis of Pollutants Under the Clean Water Act
40 CFR 141	National Primary Drinking Water Regulations
40 CFR 143	National Secondary Drinking Water Regulations
40 CFR 160	Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), Good Laboratory Practice Standards
APHA-AWWA-WPCF	Standard Methods for the Examination of Water and Wastewater. 19 th edition, 1995
ASTM D 3328	Standard Methods for the Comparison of Waterborne Petroleum Oils by Gas Chromatography
EPA 540/G-87/003	Data Quality Objectives for Remediation Response Activities, Development Process
EPA 600/4-79-012	Quality Assurance Handbook for Analytical Quality Control in Water and Wastewater Laboratories
EPA 600/4-79-019	Handbook for Analytical Quality Control in Water and Wastewater Laboratories
EPA 600/4-79-020	Method for the Chemical Analysis of Water and Wastes
EPA 600/4-82-057	Methods for Organic Chemical Analysis of Municipal and Industrial Wastewater
EPA 600/4-85/056	Choosing Cost-Effective QA/QC Programs for Chemical Analysis
EPA 600/4-88/039	Method for the Determination of Organic Compounds in Drinking Water
CT ETPH	Analysis of Extractable Total Petroleum Hydrocarbons (ETPH)
MADEP EPH	Method for the Determination of Extractable Petroleum Hydrocarbons (EPH)
MADEP VPH	Method for the Determination of Volatile Petroleum Hydrocarbons (VPH)
QAMS 004/80	Guidelines and Specifications for Preparing Quality Assurance Program Plans, USEPA Office of Monitoring System and Quality Assurance
GC-D-52-77	Oil Spill Identification System

Acronyms & Abbreviations

AA	Atomic Absorption	MS	Matrix Spike
ASTM	American Society for Testing and Materials	MSD	Matrix Spike Duplicate
BOD	Biological Oxygen Demand	NTU	Nephelometric Turbidity Units
°C	degree(s) Celsius	PAHs	Polynuclear Aromatic Hydrocarbons
COD	Chemical Oxygen Demand	PCBs	Polychlorinated Biphenyls
CMR	Code of Massachusetts Regulations	PID	Photo Ionization Detector
DEP	Department of Environmental Protection	PQL	Practical Quantitation Limit
DI	De-ionized	R	Recovery (%R: Percent Recovery)
DO	Dissolved Oxygen	RSD	Relative Standard Deviation
EPA	Environmental Protection Agency	SM	Standard Method
EPH	Extractable Petroleum Hydrocarbons	SR	Surrogate Recovery (%SR)
FID	Flame Ionization Detector	SW	Solid Waste
GC	Gas Chromatograph	THM	Trihalomethane(s)
GC / MS	Gas Chromatograph / Mass Spectrometer	TOC	Total Organic Carbon
ICP	Inductively Coupled Plasma	TOX	Total Organic Halogen
Id	Identification	TPH	Total Petroleum Hydrocarbons
MCL	Maximum Contaminant Level	VOC	Volatile Organic Compound
MDL	Minimum Detection Limit	VPH	Volatile Petroleum Hydrocarbons



SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

0508 1134 (m) (D)

- Special Handling:
- Standard TAT - 7 to 10 business days
 - Rush TAT - Date Needed: _____
 - All TATs subject to laboratory approval.
 - Min. 24-hour notification needed for rushes.
 - All samples are disposed of after 60 days unless otherwise instructed.

Page 1 of 2 23050408

Report To: C. Knight
LES
354 S. River Rd.
Tolland CT 06084
Project Mgr.: David Stock - Maguire

Invoice To: CTDOT - Contract #6
c/o LES
354 S. River Rd.
Tolland CT 06084
P.O. No.: _____ RQN: _____

Project No.: 102-278
Site Name: 163 Connecticut Avenue
Location: Norwalk State: CT
Sampler(s): C. Criscuolo

1=Na₂S₂O₃ 2=HCl 3=H₂SO₄ 4=HNO₃ 5=NaOH 6=Ascorbic Acid
7=CH₃OH 8=NaHSO₄ 9=_____ 10=_____
DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW=Surface Water SO=Soil SL=Sludge A=Air
X1=_____ X2=_____ X3=_____

Containers: _____ Analyses: _____ Notes: _____

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	VOCs - 8260	CT ETPH	PAHs - 8270	Total Reagents Metals	SPIC Reagents Metals
AD84308	163-1 2-4-	5/5/03		C	SO		2				X	X	X	X	X
AD84309	163-2 4-6-	/					2				X	X	X	X	X
AD84310	163-3 0-2-						2				X	X	X	X	X
AD84311	163-4 2-4-						2				X	X	X	X	X
AD84312	163-5 0-2-						2				X	X	X	X	X
AD84313	163-6 0-3-						2				X	X	X	X	X
AD84314	163-7 0-2-						2				X	X	X	X	X
AD84315	163-8 0-2-						2				X	X	X	X	X
AD84316	163-9 2-4-						2				X	X	X	X	X
AD84317	163-10 2-4-						2				X	X	X	X	X

Fax results when available to (____) _____
 E-mail results when available to _____
Condition upon Receipt: Iced Ambient 6°C

Relinquished by: [Signature] Received by: [Signature] Date: 5/6 Time: 1155



SPECTRUM ANALYTICAL, INC.
Featuring
HANBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

05081134

Special Handling:

- Standard TAT - 7 to 10 business days
- Rush TAT - Date Needed: _____
- All TATs subject to laboratory approval.
- Min. 24-hour notification needed for rushes.
- All samples are disposed of after 60 days unless otherwise instructed.

Page 2 of 2

Report To: C. Knight
LES
354 S. River Rd.
Tolland CT 06084
Project Mgr.: David Stork - Maguire

Invoice To: CTDOT - Contract #6
c/o LES
P.O. No.: _____ RQN: _____

Project No.: 102-278
Site Name: 163 Connecticut Avenue
Location: Norwalk State: CT
Sampler(s): C. Criscuolo

1=Na₂S₂O₃ 2=HCl 3=H₂SO₄ 4=HNO₃ 5=NaOH 6=Ascorbic Acid
7=CH₃OH 8=NaHSO₄ 9=_____ 10=_____

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW=Surface Water SO=Soil SL=Sludge A=Air
X1= Blank Water X2=_____ X3=_____

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	VOCs - 8260	CT ETPH	PAHs - 8270	Total Metals	SPR Metals	Notes:
84318	163-11 0-2	5/5/03		C	SO		2				X	X	X	X	X	
84319	163-12 0-2			C	SO		2				X	X	X	X	X	
84320	FB-1				XI		2	2		1	X	X	X	X		
84321	TB-1				XI		1				X					

AD
↓

Fax results when available to (____) _____
 E-mail results when available to _____
Condition upon Receipt: iced Ambient 6 °C

Relinquished by: [Signature] Received by: [Signature] Date: 5/6 Time: 1155