

TASK 210: SUBSURFACE SITE INVESTIGATION

Rehabilitation & Painting of the Route 1 Bridge (Bridge No. 327) Over the Housatonic River Stratford & Milford, Connecticut

ConnDOT Assignment No. 201-2747
ConnDOT Project No. 83-244

Prepared for:



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1.0 INTRODUCTION

On behalf of the Connecticut Department of Transportation (ConnDOT), Maguire Group Inc. has conducted a Task 210 - Subsurface Site Investigation in association with the Rehabilitation & Painting of the Route 1 Bridge Over the Housatonic River (Bridge 327) in Stratford and Milford, Connecticut. The proposed rehabilitation project involves the installation of a 213.4-meter (700 foot) long sanitary sewer line on the Stratford (western) side of the Route 1 Bridge, the replacement of the two wooden fender systems at the center piers (Piers 3 & 4) in the Housatonic River, and painting the bridge.

This Task 210 - Subsurface Site Investigation was conducted in areas of anticipated construction activity adjacent to the proposed 213.4-meter (700 foot) long sanitary sewer line on Route 1, and the fender systems for Bridge Piers 3 & 4 within the Housatonic River. Figure 1 depicts the project area. The purpose of the Task 210 - Subsurface Site Investigation was to verify the absence or presence and location of subsurface contamination, and to assess the potential pollutant impacts to be encountered during construction. It is anticipated that Task 310 Plans and Specifications will subsequently be prepared to assess construction related activities (i.e. proper storage, classification, transport and disposal of contaminated materials), in relationship to the environmental conditions prevalent within the project limits, as well as to specify remedial work to be included in the Contract Bid Documents.

2.0 SITE DESCRIPTION

The Bridge No. 327 structure carries Route 1 over the Housatonic River in Stratford & Milford, Connecticut. This Task 210 - Subsurface Site Investigation was conducted on soil west of the bridge, and the wooden fenders at Piers 3 and 4, in areas of anticipated construction and/or right-of-way activities associated with the sewer installation and fender rehabilitation project. The site area is depicted in Figure 2 - Task 210 Project Area & Sampling Locations.

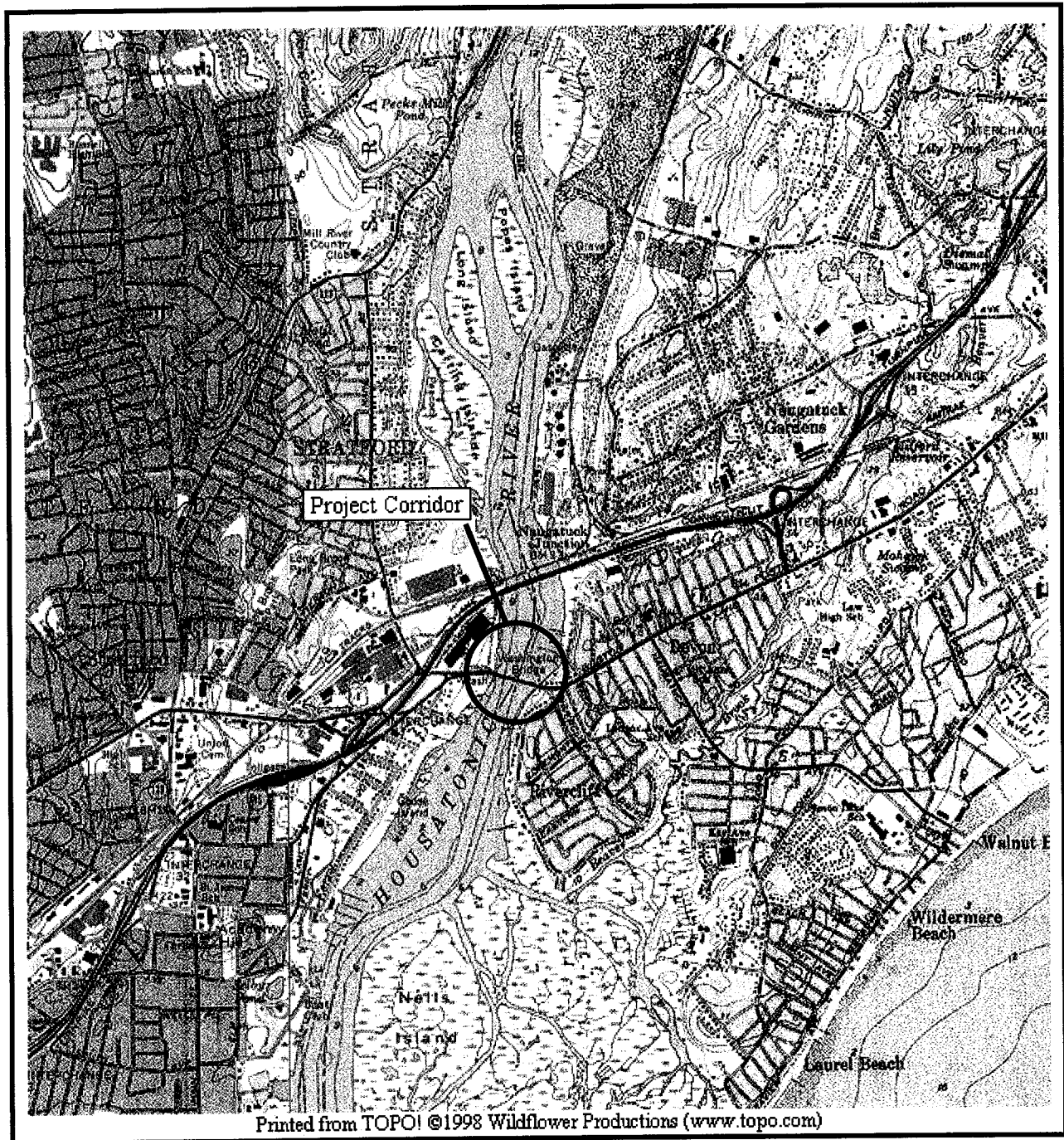
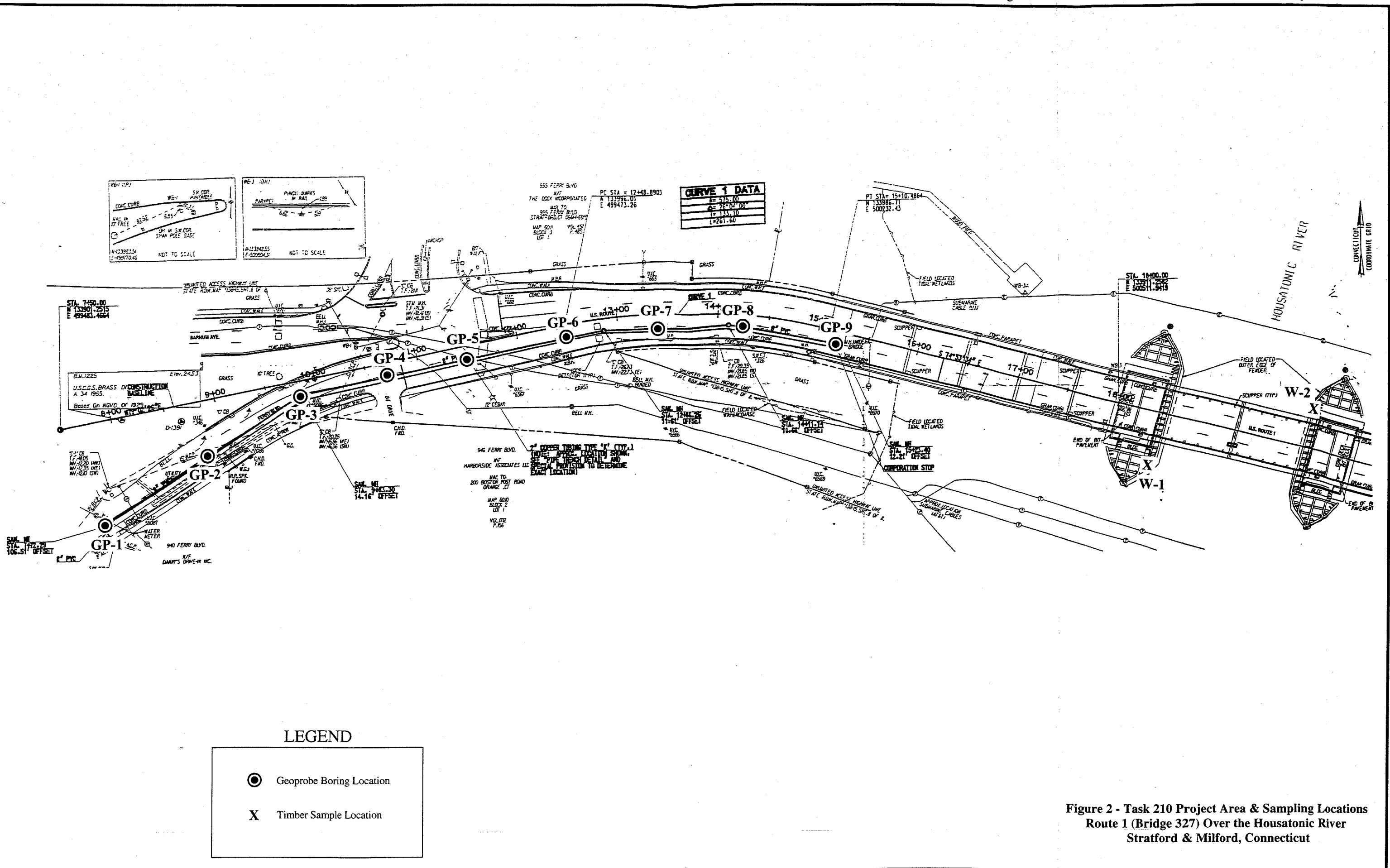


FIGURE 1 - Site Location Plan
Rehabilitation & Painting of the Route 1 Bridge (Bridge No. 327)
Over the Housatonic River
Stratford & Milford, Connecticut



3.0 LOCAL ENVIRONMENT & RECEPTORS

3.1 Groundwater

According to the Connecticut Department of Environmental Protection (CTDEP) 1985 Adopted Water Quality Classifications for the Hudson & Housatonic River Basins, the groundwater classification for the project area is GB. A GB groundwater classification indicates that the groundwater has been adversely impacted by waste discharges, spills or leaks of chemicals, or land use impacts. The groundwater is not suitable for direct human consumption without the need for treatment and a public water supply source is available. Groundwater was not encountered in any of the soil borings advanced during this investigation.

All of the properties in the project area are connected to the public water supply system and municipal sewer system. There are no public water supply wells located within a 1,609 meter (1 mile) radius of the project area, according to the CTDEP Bulletin 4, "The Atlas of the Public Water Supply Sources and Drainage Basins of Connecticut," June, 1982. The South Central Regional Water Authority's Milford Reservoir is located approximately 800 meters (one-half mile) to the east of the project corridor.

3.2 Surface Water

The project area is located within the Housatonic Main Stem Basin, within the Housatonic Major Basin. The Housatonic River divides the Stratford section of the project corridor from the Milford section of the project corridor. The Housatonic River is classified as a Class "SC/SB" surface water body, according to the Connecticut Department of Environmental Protection (CTDEP) 1985 Adopted Water Quality Classifications for the Hudson & Housatonic River Basins. A Class "SC/SB" rating indicates that the water has been adversely impacted due to pollution.

3.3 Geology

The United States Department of Agriculture Soil Conservation Service's *1980 Soils of Connecticut (Bulletin 787)* indicate that the soil in the project area is classified as the Agawam-Merrimac-Hinckley Formation. This formation is described as brown well-drained soil with a sandy and gravelly substratum.

The Bedrock Geological Map of Connecticut, compiled by John Rodgers in 1985, indicates that the bedrock unit underlying the project area is the Oronoque Schist, which is a gray to silver, medium to fine-grained schist and granofels.

Soils encountered during this investigation consisted of fill and brownish to gray sand and silt units with varying amounts of gravel and cobbles. A gray schist rock unit was encountered in all of the borings at depths ranging from 1.2 to 1.8 meters (4 to 6 feet) below the ground surface.

4.0 SUBSURFACE INVESTIGATION

Based upon the industrial nature of the project corridor surrounding the Route 1 Bridge, a comprehensive sampling program was conducted in proposed construction and/or right-of-way areas adjacent to the proposed sewer installation and wooden fender replacement. The following subsections detail the investigation.

4.1 Geoprobe® Soil Borings & Soil Sample Analyses

On April 3, 2003, nine (9) Geoprobe® soil borings (GP-1 to GP-9) were advanced within the project corridor. The Geoprobe® borings were advanced by Logical Environmental Solutions, under the direction of MGI. 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 2.4 meters (8 feet) below grade, or until sample refusal due to suspected bedrock or cobbles. 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 shallow soil sample (0.6 to 1.2 meter/2' to 4' below grade) was selected for laboratory analyses if field screening and visual observation did not indicate the presence of contaminants in the other sample intervals. The analyses for each soil sample included volatile organic compounds (VOCs) utilizing EPA Method 8260, total petroleum hydrocarbons (TPH) utilizing Connecticut 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 March 2003 Task 210 - Subsurface Site Investigation Work Plan.

4.2 Timber Sampling & Analyses

Two (2) composite timber grab samples from the wooden fenders adjacent to Bridge Piers 3 and 4 were collected for laboratory analyses so that specifications regarding handling and disposal of the material could be provided. The timber samples were collected for laboratory analysis of VOCs (EPA Method 8260), PAHs (EPA Method 8270), petroleum hydrocarbons (Connecticut ETPH), pesticides (EPA Method 8081), PCBs (EPA Method 8082), total phenols (EPA Method 8270), TCLP phenols, total RCRA 8 metals, and TCLP RCRA 8 metals. The wooden timber samples were placed in laboratory-supplied glassware, and stored in an ice-filled cooler.

4.3 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 on the day of sampling activities. One (1) trip blank sample was prepared by Spectrum Analytical Laboratory and one (1) field blank sample was collected in the field. The field and trip blank samples were stored with the daily samples in the sample cooler until subsequent delivery to the laboratory for analysis of VOCs. The field blank water sample was collected by pouring laboratory supplied de-ionized water through an acetate liner and macro-core cutting shoe, and collecting the rinsate in appropriate sample containers. The field blank sample was stored with the samples in the cooler until delivery to the laboratory, and was analyzed for the same parameters as the daily samples.

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 impact 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, sediment, and water 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 subsections 5.2 and 5.3 of this section.

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 project area is situated within a GB groundwater area, the least stringent criteria apply.

5.2 Results of Soil Sample Analyses

Soil samples collected during the advancement of the Geoprobe® borings were sent to Spectrum Analytical Laboratory for laboratory analyses. Summaries of the laboratory results from the soil samples are presented in Tables 1(a) to 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.

Only one soil sample contained detectable concentrations of VOCs. The 1.2 to 1.8 meter (4 to 6 foot) soil sample collected from boring GP-4 contained the VOC naphthalene at a concentration of 0.0066 parts per million (ppm). The concentration of naphthalene detected in the sample does not exceed any applicable CTDEP RSR criteria.

Concentrations of petroleum hydrocarbons (TPH) were detected in all of the borings from 42 ppm to 590 ppm. The 1.2 to 1.8 meter (4 to 6 foot) soil sample collected from boring GP-2 (590 ppm) contained TPH at a concentration that exceeds the Residential DEC of 500 ppm. No other sample contained TPH at concentrations that exceed any applicable CTDEP RSR criteria.

Various concentrations of PAHs were detected throughout the project corridor, and total PAH concentrations ranged from 4.44 to 92.3 ppm. PAH concentrations were detected at elevated concentrations that exceed applicable CTDEP RSR criteria in six (6) soil samples. The 0.6 to 1.2 meter (2 to 4 foot) soil sample from boring GP-1 contained the compounds benzo(a)anthracene (1.9 ppm), benzo(a)pyrene (2.4 ppm), benzo(b)fluoranthene (2.8 ppm), benzo(k)fluoranthene (1.6 ppm), chrysene (2.0 ppm), and indeno(1,2,3-cd)pyrene (1.1 ppm) at concentrations that exceed their respective GB PMC. In addition, the compounds benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, and indeno(1,2,3-cd)pyrene were detected at concentrations that exceed their respective Residential DEC. The compound benzo(a)pyrene was detected at a concentration that also exceeds its Commercial/Industrial DEC.

The 1.2 to 1.8 meter (4 to 6 foot) soil sample from boring GP-2 contained the compounds benzo(a)anthracene (7.5 ppm), benzo(a)pyrene (8.4 ppm), benzo(b)fluoranthene (9.4 ppm), benzo(k)fluoranthene (6.0 ppm), chrysene (8.2 ppm), and indeno(1,2,3-cd)pyrene (3.6 ppm) at concentrations that exceed their respective GB PMC. In addition, the compounds benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, and indeno(1,2,3-cd)pyrene were detected at concentrations that exceed their respective Residential DEC. The compounds benzo(a)pyrene and benzo(b)fluoranthene were detected at concentrations that also exceed their respective Commercial/Industrial DEC.

The 1.2 to 1.8 meter (4 to 6 foot) soil sample from boring GP-4 contained the compounds benzo(a)anthracene (2.8 ppm), benzo(a)pyrene (3.3 ppm), benzo(b)fluoranthene (3.5 ppm), benzo(k)fluoranthene (2.2 ppm), chrysene (3.2 ppm), and indeno(1,2,3-cd)pyrene (2.1 ppm) at concentrations that exceed their respective GB PMC. In addition, the compounds benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, and indeno(1,2,3-cd)pyrene were detected at concentrations that exceed their respective Residential DEC. The compound benzo(a)pyrene was detected at a concentration that also exceeds its Commercial/Industrial DEC.

The 0.6 to 1.2 meter (2 to 4 foot) soil sample from boring GP-5 contained the compounds benzo(a)anthracene (1.7 ppm), benzo(a)pyrene (1.9 ppm), benzo(b)fluoranthene (2.0 ppm), benzo(k)fluoranthene (1.3 ppm), and chrysene (1.8 ppm) at concentrations that exceed their respective GB PMC. In addition, the compounds benzo(a)anthracene, benzo(a)pyrene, and benzo(b)fluoranthene were detected at concentrations that exceed their respective Residential DEC. The compound benzo(a)pyrene was detected at a concentration that also exceeds its Commercial/Industrial DEC.

The 0.6 to 1.2 meter (2 to 4 foot) soil sample from boring GP-7 contained the compounds benzo(a)anthracene (3.3 ppm), benzo(a)pyrene (3.8 ppm), benzo(b)fluoranthene (4.0 ppm), benzo(k)fluoranthene (2.5 ppm), chrysene (3.4 ppm), and indeno(1,2,3-cd)pyrene (1.7 ppm) at concentrations that exceed their respective GB PMC. In addition, the compounds benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, and indeno(1,2,3-cd)pyrene were detected at concentrations that exceed their respective Residential DEC. The compound benzo(a)pyrene was detected at a concentration that also exceeds its Commercial/Industrial DEC.

The 0.6 to 1.2 meter (2 to 4 foot) soil sample from boring GP-9 contained the compounds benzo(a)anthracene (1.3 ppm), benzo(a)pyrene (1.5 ppm), benzo(b)fluoranthene (1.8 ppm), and chrysene (1.3 ppm) at concentrations that exceed their respective GB PMC. In addition, the compounds benzo(a)anthracene, benzo(a)pyrene, and benzo(b)fluoranthene were detected at concentrations that exceed their respective Residential DEC. The compound benzo(a)pyrene was detected at a concentration that also exceeds its Commercial/Industrial DEC.

Total concentrations of the metals arsenic, barium, chromium, and lead were detected at varying concentrations in the soil samples throughout the project corridor. In addition, leachable concentrations of barium, chromium, and lead were detected at varying concentrations in the soil samples. However, the metal concentrations detected do not exceed any applicable CTDEP RSR criteria.

5.3 Results of Timber Sample Analyses

The two (2) composite timber samples (W-1 & W-2) collected from the wooden fenders adjacent to Bridge Piers 3 and 4 were sent to Spectrum Analytical for laboratory analyses. Summaries of the laboratory results from the timber samples are presented in Table 2, which is located at the end of this report, and copies of the timber sample analytical results are included in Appendix C. The following summarizes the results of the analyses conducted on the timber samples. For the purpose of comparison, the results were compared to the CTDEP RSR soil criteria.

Pesticides, PCBs, phenols, and TCLP phenols were not detected in any of the timber samples. Petroleum hydrocarbons were detected in the W-1 (18,000 ppm) and W-2 (14,000 ppm) samples at concentrations that exceed the Residential DEC, Commercial/Industrial DEC, and PMC.

The VOC naphthalene was detected in the W-1 (731.9 ppm) and W-2 (3,197.1 ppm) samples at concentrations that exceed its PMC and Residential DEC. The naphthalene concentration detected in the W-2 sample also exceeds its Commercial/Industrial DEC.

Total PAH concentrations in the timber samples ranged from 6,911.3 ppm (W-2) to 9,937.8 ppm (W-1), and both samples contained PAH compounds at concentrations that exceed CTDEP RSR criteria. The W-1 timber sample contained the compounds acenaphthene (680 ppm), anthracene (880 ppm), benzo(a)anthracene (270 ppm), benzo(a)pyrene (73.0 ppm), benzo(b)fluoranthene (130 ppm), benzo(k)fluoranthene (75.0 ppm), chrysene (240 ppm), dibenz(a,h)anthracene (3.9 ppm), fluoranthene (1,700 ppm), fluorene (1,000 ppm), indeno(1,2,3-cd)pyrene (15.0 ppm), 2-methylnaphthalene (270 ppm), naphthalene (160 ppm), phenanthrene (3,100 ppm), and pyrene (1,200 ppm) at concentrations that exceed their respective GB PMC. In addition, the compounds benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenz(a,h)anthracene, fluoranthene, indeno(1,2,3-cd)pyrene, phenanthrene, and pyrene were detected at concentrations that exceed their respective Residential DEC. The compounds benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenz(a,h)anthracene, indeno(1,2,3-cd)pyrene, and phenanthrene were detected at concentrations that also exceed their respective Commercial/Industrial DEC.

The W-2 timber sample contained the compounds acenaphthene (410 ppm), anthracene (560 ppm), benzo(a)anthracene (150 ppm), benzo(a)pyrene (39.0 ppm), benzo(b)fluoranthene (84.0 ppm), benzo(k)fluoranthene (59.0 ppm), chrysene (180 ppm), dibenz(a,h)anthracene (1.8 ppm), fluoranthene (1,400 ppm), fluorene (530 ppm), indeno(1,2,3-cd)pyrene (11.0 ppm), 2-methylnaphthelene (150 ppm), naphthalene (170 ppm), phenanthrene (2,120 ppm), and pyrene (950 ppm) at concentrations that exceed their respective GB PMC. In addition, the compounds benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenz(a,h)anthracene, fluoranthene, indeno(1,2,3-cd)pyrene, and phenanthrene were detected at concentrations that exceed their respective Residential DEC. The compounds benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenz(a,h)anthracene, and indeno(1,2,3-cd)pyrene were detected at concentrations that also exceed their respective Commercial/Industrial DEC.

Total concentrations of the metals barium, chromium, and lead were detected at varying concentrations in the timber samples. In addition, leachable concentrations of barium were detected at varying concentrations in the timber samples. However, the metal concentrations detected do not exceed any applicable CTDEP RSR criteria.

5.4 Quality Assurance/Quality Control Samples

The field blank sample (FB-1) did not contain VOCs, TPH, or PAHs at concentrations that exceed any laboratory detection limits. Total lead was detected in the field blank sample at a low concentration of 0.0083 ppm. The presence of lead in the sample is negligible, and may be due to field or laboratory contamination. The trip blank sample (TB-1) did not contain detectable concentrations of VOCs. Copies of the analytical reports associated with the quality assurance/quality control samples are included in Appendix D.

6.0 DISCUSSION OF AFFECTED RESOURCES

6.1 Areas of Environmental Concern

Based upon the results of laboratory analyses performed on the soil and timber samples collected from the project area, the following summarizes the contaminants present. PAHs were detected at slightly elevated concentrations in the soil samples collected from borings GP-1, GP-2, GP-4, GP-5, GP-7, and GP-9. The concentrations detected exceed the CTDEP GB PMC, Residential DEC, and Commercial/Industrial DEC. The soil collected from boring GP-2 also contained TPH at a concentration that exceeds the Residential DEC. In addition, the two timber composite samples collected from the wooden fenders adjacent to Bridge Piers 3 and 4 in the Housatonic River contained elevated concentrations of petroleum hydrocarbons, VOCs, and PAHs. The concentrations detected exceed the GB PMC, Residential DEC, and Commercial/Industrial DEC.

7.0 RECOMMENDATIONS

The results of the Task 210 – Subsurface Site Investigation for the Rehabilitation & Painting of the Route 1 Bridge Over the Housatonic River (Bridge 327) in Stratford and Milford, Connecticut indicate the presence of TPH and PAH contamination in shallow soil samples collected from the project area, at concentrations that slightly exceed applicable RSR criteria. The contamination was detected in soils ranging in depth from 0.6 to 1.8 meters (2 to 6 feet) below grade. In addition, the composite timber samples collected from the wooden fenders adjacent to Bridge Piers 3 and 4 in the Housatonic River are impacted with petroleum hydrocarbons, VOCs, and PAHs at concentrations that exceed the RSR criteria. Therefore, the entire project site has been designated an area of environmental concern. Special considerations for treatment/disposal and worker health and safety must be given to this area in order to ensure compliance with all local, State and Federal laws. Task 310 Plans and Specifications are therefore recommended for the Route 1 Bridge over the Housatonic River project corridor.

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:

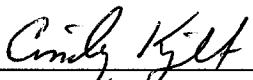
The activities described and opinions included herein are based on information gathered during this exploratory site investigation, which was limited in scope in adherence to the terms of our agreement. The professional opinion provided herein is based on the information described in this report.


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.

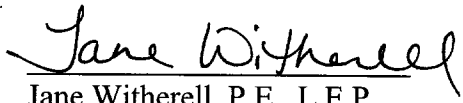
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TABLES

**TABLE 1(a) - Results of Geoprobe Boring Soil Sample Analyses
Rehabilitation & Painting of Route 1 Over the Housatonic River
Stratford & Milford, Connecticut**

Boring I.D.: Sample Depth:	GP-1 0.6-1.2m 2'-4'	GP-2 1.2-1.8m 4'-6'	GP-3 0.6-1.2m 2'-4'	GP-4 1.2-1.8m 4'-6'	CTDEP Pollutant Mobility Criteria GB Groundwater Area	CTDEP Direct Exposure Criteria Residential/Commercial & Industrial
TPH – CT ETPH (ppm)	170	590	100	240	2,500 ppm	500/2,500 ppm
VOCs - EPA Method 8260 (ppm)						
Naphthalene	BDL	BDL	BDL	0.0066	56 ppm	1,000/2,500 ppm
PAHs - EPA Method 8270 (ppm)						
Acenaphthene	BDL	0.25	BDL	BDL	84 ppm	1,000/2,500 ppm
Acenaphthylene	0.85	2.7	0.36	1.1	84 ppm	1,000/2,500 ppm
Anthracene	0.58	2.2	0.25	0.86	400 ppm	1,000/2,500 ppm
Benzo(a)anthracene	1.9	7.5	0.46	2.8	1 ppm	1/7.8 ppm
Benzo(a)pyrene	2.4	8.4	0.6	3.3	1 ppm	1/1 ppm
Benzo(b)fluoranthene	2.8	9.4	0.65	3.5	1 ppm	1/7.8 ppm
Benzo(k)fluoranthene	1.6	6.0	0.45	2.2	1 ppm	8.4/78 ppm
Benzo(g,h,i)perylene	1.1	3.7	0.61	2.3	42 ppm	1,000/2,500 ppm
Chrysene	2.0	8.2	0.5	3.2	1 ppm	84/780 ppm
Dibenz(a,h)anthracene	0.19	0.77	BDL	0.59	1 ppm	1/1 ppm
Fluoranthene	3.5	15.0	0.75	5.6	56 ppm	1,000/2,500 ppm
Fluorene	0.16	0.69	BDL	0.3	56 ppm	1,000/2,500 ppm
Indeno(1,2,3-cd)pyrene	1.1	3.6	0.46	2.1	1 ppm	1/7.8 ppm
2-Methylnaphthalene	BDL	0.29	BDL	BDL	9.8 ppm	474/2,500 ppm
Phenanthrene	1.5	8.6	0.27	3.0	40 ppm	1,000/2,500 ppm
Pyrene	3.4	15.0	0.79	5.6	40 ppm	1,000/2,500 ppm
Total PAHs	23.08	92.3	6.15	36.45		
Total RCRA 8 Metals (ppm)						
Arsenic	BDL	BDL	3.73	BDL		10/10 ppm
Barium	25.4	24.7	31.0	24.8		4,700/140,000 ppm
Chromium	10.3	9.81	11.4	12.6		100/100 ppm
Lead	45.9	42.0	43.0	137		500/1,000 ppm
SPLP RCRA 8 Metals (ppm)						
Barium	0.0687	BDL	0.0379	BDL	10.0 ppm	
Chromium	BDL	BDL	BDL	0.0199	0.5 ppm	
Lead	BDL	BDL	0.0276	0.0223	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
Rehabilitation & Painting of Route 1 Over the Housatonic River
Stratford & Milford, Connecticut**

Boring I.D.: Sample Depth:	GP-5 0.6-1.2m 2'-4'	GP-6 0.6-1.2m 2'-4'	GP-7 0.6-1.2m 2'-4'	GP-8 0.6-1.2m 2'-4'	CTDEP Pollutant Mobility Criteria GB Groundwater Area	CTDEP Direct Exposure Criteria Residential/Commercial & Industrial
TPH – CT ETPH (ppm)	75	42	110	50	2,500 ppm	500/2,500 ppm
VOCs - EPA Method 8260 (ppm)	BDL	BDL	BDL	BDL		
PAHs - EPA Method 8270 (ppm)						
Acenaphthylene	0.65	BDL	1.1	BDL	84 ppm	1,000/2,500 ppm
Anthracene	0.51	BDL	0.93	BDL	400 ppm	1,000/2,500 ppm
Benzo(a)anthracene	1.7	0.55	3.3	0.42	1 ppm	1/7.8 ppm
Benzo(a)pyrene	1.9	0.69	3.8	0.51	1 ppm	1/1 ppm
Benzo(b)fluoranthene	2.0	0.87	4.0	0.55	1 ppm	1/7.8 ppm
Benzo(k)fluoranthene	1.3	0.56	2.5	0.44	1 ppm	8.4/78 ppm
Benzo(g,h,i)perylene	1.0	0.41	1.8	0.36	42 ppm	1,000/2,500 ppm
Chrysene	1.8	0.59	3.4	0.43	1 ppm	84/780 ppm
Dibenz(a,h)anthracene	BDL	BDL	0.3	BDL	1 ppm	1/1 ppm
Fluoranthene	3.2	0.92	6.1	0.68	56 ppm	1,000/2,500 ppm
Fluorene	BDL	BDL	0.22	BDL	56 ppm	1,000/2,500 ppm
Indeno(1,2,3-cd)pyrene	0.96	0.38	1.7	0.33	1 ppm	1/7.8 ppm
Phenanthrene	1.7	0.32	2.4	BDL	40 ppm	1,000/2,500 ppm
Pyrene	3.1	0.89	6.3	0.72	40 ppm	1,000/2,500 ppm
Total PAHs	19.82	6.18	37.85	4.44		
Total RCRA 8 Metals (ppm)						
Arsenic	4.6	4.6	8.55	8.01		10/10 ppm
Barium	47.9	47.8	47.2	60.8		4,700/140,000 ppm
Chromium	16.2	14.4	9.89	15.5		100/100 ppm
Lead	106	66.2	83.3	63.1		500/1,000 ppm
SPLP RCRA 8 Metals (ppm)						
Barium	BDL	BDL	0.0275	BDL	10.0 ppm	
Lead	0.0164	0.0168	0.0467	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
Rehabilitation & Painting of Route 1 Over the Housatonic River
Stratford & Milford, Connecticut**

Boring I.D.: Sample Depth:	GP-9 0.6-1.2m 2'-4'	CTDEP Pollutant Mobility Criteria GB Groundwater Area	CTDEP Direct Exposure Criteria Residential/Commercial & Industrial
TPH - CT ETPH (ppm)	57	2,500 ppm	500/2,500 ppm
VOCs - EPA Method 8260 (ppm)	BDL		
PAHs - EPA Method 8270 (ppm)			
Acenaphthylene	0.31	84 ppm	1,000/2,500 ppm
Anthracene	0.35	400 ppm	1,000/2,500 ppm
Benzo(a)anthracene	1.3	1 ppm	1/7.8 ppm
Benzo(a)pyrene	1.5	1 ppm	1/1 ppm
Benzo(b)fluoranthene	1.8	1 ppm	1/7.8 ppm
Benzo(k)fluoranthene	1.0	1 ppm	8.4/78 ppm
Benzo(g,h,i)perylene	0.74	42 ppm	1,000/2,500 ppm
Chrysene	1.3	1 ppm	84/780 ppm
Fluoranthene	2.4	56 ppm	1,000/2,500 ppm
Indeno(1,2,3-cd)pyrene	0.73	1 ppm	1/7.8 ppm
Phenanthrene	1.0	40 ppm	1,000/2,500 ppm
Pyrene	2.3	40 ppm	1,000/2,500 ppm
Total PAHs	14.73		
Total RCRA 8 Metals (ppm)			
Arsenic	9.71		10/10 ppm
Barium	53.1		4,700/140,000 ppm
Chromium	14.0		100/100 ppm
Lead	42.3		500/1,000 ppm
SPLP RCRA 8 Metals (ppm)			
Barium	0.026	10.0 ppm	
Lead	0.0156	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 2 - Results of Timber Grab Sample Analyses
Rehabilitation & Painting of Route 1 Over the Housatonic River
Stratford & Milford, Connecticut**

Sample I.D.:	W-1	W-2	CTDEP Pollutant Mobility Criteria GB Groundwater Area	CTDEP Direct Exposure Criteria Residential/Commercial & Industrial
TPH - CT ETPH (ppm)	18,000	14,000	2,500 ppm	500/2,500 ppm
VOCs - Method 8260 (ppm)				
Naphthalene	731.9	3,197.1	56 ppm	1,000/2,500 ppm
1,2,4-Trimethylbenzene	BDL	23.3	70 ppm	500/1,000 ppm
PAHs - Method 8270 (ppm)				
Acenaphthene	680	410	84 ppm	1,000/2,500 ppm
Acenaphthylene	9.9	9.0	84 ppm	1,000/2,500 ppm
Anthracene	880	560	400 ppm	1,000/2,500 ppm
Benzo(a)anthracene	270	150	1 ppm	1/7.8 ppm
Benzo(a)pyrene	73.0	39.0	1 ppm	1/1 ppm
Benzo(b)fluoranthene	130	84.0	1 ppm	1/7.8 ppm
Benzo(k)fluoranthene	75.0	59.0	1 ppm	8.4/78 ppm
Benzo(g,h,i)perylene	11.0	8.5	42 ppm	1,000/2,500 ppm
Chrysene	240	180	1 ppm	84/780 ppm
Dibenz(a,h)anthracene	3.9	1.8	1 ppm	1/1 ppm
Fluoranthene	1,700	1,400	56 ppm	1,000/2,500 ppm
Fluorene	1,000	530	56 ppm	1,000/2,500 ppm
Indeno(1,2,3-cd)pyrene	15.0	11.0	1 ppm	1/7.8 ppm
1-Methylnaphthalene	120	79.0	No Standard	No Standard
2-Methylnaphthalene	270	150	9.8 ppm	474/2,500 ppm
Naphthalene	160	170	56 ppm	1,000/2,500 ppm
Phenanthrene	3,100	2,120	40 ppm	1,000/2,500 ppm
Pyrene	1,200	950	40 ppm	1,000/2,500 ppm
Total PAHs	9,937.8	6,911.3		
Total Phenols	BDL	BDL		
TCLP Phenols	BDL	BDL		
Pesticides - Method 8081 (ppm)	BDL	BDL		
PCBs - Method 8082 (ppm)	BDL	BDL		
Total RCRA 8 Metals (ppm)				
Barium	6.02	2.63		4,700/140,000 ppm
Chromium	1.26	BDL		34/1,000 ppm
Lead	11.7	10.8		500/1,000 ppm
TCLP RCRA 8 Metals (ppm)				
Barium	0.0497	0.0578	10.0 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: 4/3/03	Logical Environmental Solutions Geoprobe Boring Log	Boring No.: GP-1
Date Finished: 4/3/03		Client: Maguire Group Inc.
Driller: Wayne Lineberry	Project Location: Task 210 Subsurface Site Investigation Route 1 Bridge Over the Housatonic River - Stratford & Milford, CT	Inspector: C. Criscuolo

Depth m ft	Description	Comments
	ASPHALT	Macro Core Sample 0 - 0.6 m (0' - 2'):
0.3 1'	Gray-Brown SILT, trace fine to coarse Sand & Gravel	PID = 0.4 ppm
0.6 2'	Green-Brown fine to medium SAND, trace Silt, fine to coarse Gravel & Cobble	Macro Core Sample 0.6 - 1.2 m (2' - 4'):
0.9 3'		PID = 0.8 ppm
1.2 4'		
1.5 5'	Brown fine to coarse SAND, little fine to coarse Gravel, trace Silt & Cobble	
1.8 6'		Macro Core Sample 1.2 - 1.8m (4' - 6'):
2.1 7'		PID = 0.1 ppm
2.4 8'	Refusal at 1.8m (6') on Gray SCHIST	
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: 4/3/03	Logical Environmental Solutions Geoprobe Boring Log	Boring No.: GP-2
Date Finished: 4/3/03		Client: Maguire Group Inc.
Driller: Wayne Lineberry	Project Location: Task 210 Subsurface Site Investigation Route 1 Bridge Over the Housatonic River - Stratford & Milford, CT	Inspector: C. Criscuolo

Depth m ft	Description	Comments
0.3 1'	ASPHALT	Macro Core Sample 0 - 0.6 m (0' - 2'):
	CONCRETE	PID = 0.0 ppm
0.6 2'	Green-Brown fine to medium SAND, trace Silt, fine to coarse Gravel & Cobble	Macro Core Sample 0.6 - 1.2 m (2' - 4'):
0.9 3'		PID = 0.2 ppm
1.2 4'		
1.5 5'	Brown fine to coarse SAND, little fine to coarse Gravel, trace Silt & Cobble	Macro Core Sample 1.2 - 1.8m (4' - 6'):
1.8 6'		PID = 0.9 ppm
2.1 7'		
2.4 8'	Refusal at 1.8m (6') on Gray SCHIST	
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: 4/3/03	Logical Environmental Solutions Geoprobe Boring Log	Boring No.: GP-3
Date Finished: 4/3/03		Client: Maguire Group Inc.
Driller: Wayne Lineberry	Project Location: Task 210 Subsurface Site Investigation Route 1 Bridge Over the Housatonic River - Stratford & Milford, CT	Inspector: C. Criscuolo

Depth m ft	Description	Comments
0.3 1'	Dark-Brown SILT, trace fine Sand & Gravel	Macro Core Sample 0 - 0.6 m (0' - 2'):
	Gray-Green fine to medium SAND, trace Silt	PID = 0.0 ppm
	ASPHALT & CONCRETE	
0.6 2'		Macro Core Sample 0.6 - 1.2 m (2' - 4'):
0.9 3'	Brown fine to coarse SAND, little fine to coarse Gravel & Cobble, trace Silt	PID = 0.2 ppm
1.2 4'		
1.5 5'		Macro Core Sample 1.2 - 1.5m (4' - 5'):
1.8 6'		PID = 0 ppm
2.1 7'	Refusal at 1.5m (5') on Gray SCHIST	
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: 4/3/03	Logical Environmental Solutions Geoprobe Boring Log	Boring No.: GP-4
Date Finished: 4/3/03		Client: Maguire Group Inc.
Driller: Wayne Lineberry	Project Location: Task 210 Subsurface Site Investigation Route 1 Bridge Over the Housatonic River - Stratford & Milford, CT	Inspector: C. Criscuolo

Depth m ft	Description	Comments
	ASPHALT	Macro Core Sample 0 - 0.6 m (0' - 2'):
0.3 1'	Tan fine to coarse SAND	PID = 0.0 ppm
	CONCRETE	
0.6 2'		Macro Core Sample 0.6 - 1.2 m (2' - 4'):
0.9 3'	Green-Brown fine to medium SAND, trace Silt, fine to coarse Gravel & Cobble	PID = 0.4 ppm
1.2 4'		
1.5 5'	Brown fine to coarse SAND, little fine to coarse Gravel, trace Silt & Cobble	
1.8 6'		Macro Core Sample 1.2 - 1.8m (4' - 6'):
2.1 7'		PID = 0.8 ppm
2.4 8'		
2.74 9'		
3 10'		
3.4 11'		
3.7 12'		
	Refusal at 1.8m (6') on Gray SCHIST	

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

Date Started: 4/3/03	Logical Environmental Solutions Geoprobe Boring Log	Boring No.: GP-5
Date Finished: 4/3/03		Client: Maguire Group Inc.
Driller: Wayne Lineberry	Project Location: Task 210 Subsurface Site Investigation Route 1 Bridge Over the Housatonic River - Stratford & Milford, CT	Inspector: C. Criscuolo

Depth m ft	Description	Comments
0.3 1'	ASPHALT	Macro Core Sample 0 - 0.6 m (0' - 2'):
	Gray medium to coarse GRAVEL	PID = 0.7 ppm
0.6 2'	Green-Brown fine to medium SAND, trace Silt, fine to coarse Gravel, Cobble & Seashells	Macro Core Sample 0.6 - 1.2 m (2' - 4'):
0.9 3'		PID = 1.1 ppm
1.2 4'		
1.5 5'	Brown fine to coarse SAND, little fine to coarse Gravel, trace Silt & Cobble	
1.8 6'		Macro Core Sample 1.2 - 1.8m (4' - 6'):
2.1 7'		PID = 0.6 ppm
2.4 8'	Refusal at 1.8m (6') on Gray SCHIST	
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: 4/3/03	Logical Environmental Solutions Geoprobe Boring Log	Boring No.: GP-6
Date Finished: 4/3/03		Client: Maguire Group Inc.
Driller: Wayne Lineberry	Project Location: Task 210 Subsurface Site Investigation Route 1 Bridge Over the Housatonic River - Stratford & Milford, CT	Inspector: C. Criscuolo

Depth m ft	Description	Comments
0.3 1'	ASPHALT	Macro Core Sample 0 - 0.6 m (0' - 2'):
	CONCRETE	PID = 0.0 ppm
0.6 2'	Green-Brown fine to medium SAND, trace Silt, fine to coarse Gravel, Cobble & Seashells	Macro Core Sample 0.6 - 1.2 m (2' - 4'):
0.9 3'		PID = 0.3 ppm
1.2 4'	Brown fine to coarse SAND, little fine to coarse Gravel & Cobble, trace Silt	
1.5 5'		
1.8 6'	Refusal at 1.2m (4') on Gray SCHIST	
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: 4/3/03	Logical Environmental Solutions Geoprobe Boring Log	Boring No.: GP-7
Date Finished: 4/3/03		Client: Maguire Group Inc.
Driller: Wayne Lineberry	Project Location: Task 210 Subsurface Site Investigation Route 1 Bridge Over the Housatonic River - Stratford & Milford, CT	Inspector: C. Criscuolo

Depth m ft	Description	Comments
0.3 1'	ASPHALT	Macro Core Sample 0 - 0.6 m (0' - 2'):
	CONCRETE	PID = 0.0 ppm
0.6 2'	Green-Brown fine to medium SAND, trace Silt, fine to coarse Gravel, Cobble & Seashells	Macro Core Sample 0.6 - 1.2 m (2' - 4'):
0.9 3'		PID = 0.7 ppm
1.2 4'	Brown fine to coarse SAND, little fine to coarse Gravel & Cobble, trace Silt	
1.5 5'		
1.8 6'	Refusal at 1.2m (4') on Gray SCHIST	
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: 4/3/03	Logical Environmental Solutions Geoprobe Boring Log	Boring No.: GP-8
Date Finished: 4/3/03		Client: Maguire Group Inc.
Driller: Wayne Lineberry	Project Location: Task 210 Subsurface Site Investigation Route 1 Bridge Over the Housatonic River - Stratford & Milford, CT	Inspector: C. Criscuolo

Depth m ft	Description	Comments
0.3 1'	ASPHALT	Macro Core Sample 0 - 0.6 m (0' - 2'):
	CONCRETE	PID = 0.0 ppm
0.6 2'	Green-Brown fine to medium SAND, trace Silt, fine to coarse Gravel, Cobble & Seashells	Macro Core Sample 0.6 - 1.2 m (2' - 4'):
0.9 3'		PID = 0.1 ppm
1.2 4'	Brown fine to coarse SAND, little fine to coarse Gravel & Cobble, trace Silt	
1.5 5'		
1.8 6'	Refusal at 1.2m (4') on Gray SCHIST	
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: 4/3/03	Logical Environmental Solutions Geoprobe Boring Log	Boring No.: GP-9
Date Finished: 4/3/03		Client: Maguire Group Inc.
Driller: Wayne Lineberry	Project Location: Task 210 Subsurface Site Investigation Route 1 Bridge Over the Housatonic River - Stratford & Milford, CT	Inspector: C. Criscuolo

Depth m ft	Description	Comments
0.3	ASPHALT	Macro Core Sample 0 - 0.6 m (0' - 2')
0.3	CONCRETE	PID = 0.0 ppm
0.6	Green-Brown fine to medium SAND, trace Silt, fine to coarse Gravel, Cobble & Seashells	Macro Core Sample 0.6 - 1.2 m (2' - 4')
0.9		PID = 0.6 ppm
1.2	Brown fine to coarse SAND, little fine to coarse Gravel & Cobble, trace Silt	
1.5		
1.8	Refusal at 1.2m (4') on Gray SCHIST	
2.1		
2.4		
2.74		
3		
3.4		
3.7		

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: Route 1 Bridge-Stratford, CT

Client: LES

Lab ID No: AD76943

Client Id: GP-1 2-4

Client Project No: 83-244

Submittal Date: 4/4/2003

Collection Date: 4/3/2003

Matrix Soil

Parameter	Results	Units	PQL	Start Date	Analyst	Method
VOC Preparation						
VOC Extraction (solid)						
Extraction Technique	Laboratory			4/7/2003	SS	
Sample Introduction SW846 5030	N/A			4/7/2003	SS	
Sample Introduction SW846 5035	Completed			4/7/2003	SS	
Sample Introduction SW846 5035 Mod	N/A			4/7/2003	SS	
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/Kg	100	4/8/2003	CH	SW846 8260B
Acrylonitrile	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Benzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Bromobenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Bromochloromethane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Bromodichloromethane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Bromoform	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Bromomethane	Below det lim	ug/Kg	10.0	4/8/2003	CH	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/Kg	50.0	4/8/2003	CH	SW846 8260B
n-Butylbenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
sec-Butylbenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
tert-Butylbenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Carbon disulfide	Below det lim	ug/Kg	25.0	4/8/2003	CH	SW846 8260B
Carbon tetrachloride	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Chlorobenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Chloroethane	Below det lim	ug/Kg	10.0	4/8/2003	CH	SW846 8260B
Chloroform	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Chloromethane	Below det lim	ug/Kg	10.0	4/8/2003	CH	SW846 8260B
2-Chlorotoluene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
4-Chlorotoluene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/Kg	10.0	4/8/2003	CH	SW846 8260B
Dibromochloromethane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Dibromomethane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Dichlorodifluoromethane	Below det lim	ug/Kg	10.0	4/8/2003	CH	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
cis-1,2-Dichloroethene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Ethylbenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Hexachlorobutadiene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/Kg	50.0	4/8/2003	CH	SW846 8260B
Isopropylbenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/Kg	50.0	4/8/2003	CH	SW846 8260B
Methylene chloride	Below det lim	ug/Kg	10.0	4/8/2003	CH	SW846 8260B
Naphthalene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
n-Propylbenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Styrene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Tetrachloroethene (PCE)	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Toluene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Trichloroethene (TCE)	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Vinyl chloride	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
m,p-Xylenes	Below det lim	ug/Kg	10.0	4/8/2003	CH	SW846 8260B
o-Xylene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
4-Bromofluorobenzene (%SR)	77	ug/Kg	0.000	4/8/2003	CH	SW846 8260B
1,4-Difluorobenzene (%SR)	102	ug/Kg	0.000	4/8/2003	CH	SW846 8260B

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Chlorobenzene-d5 (%SR)	88	ug/Kg	0.000	4/8/2003	CH	SW846 8260B
Dibromofluoromethane (%SR)	na	ug/Kg	0.000	4/8/2003	CH	SW846 8260B
1,2-Dichloroethane-d4 (%SR)	na	ug/Kg	0.000	4/8/2003	CH	SW846 8260B
Toluene-d8 (%SR)	na	ug/Kg	0.000	4/8/2003	CH	SW846 8260B
TPH Preparation						
Ultrasonic Extraction	Completed			4/8/2003	AM	SW846 3550B
Petroleum Hydrocarbon Analysis						
<i>Extractable TPH</i>						
Total Petroleum Hydrocarbons (C9-C36)	170	mg/Kg	9	4/8/2003	KG	CT ETPH
Gasoline	Below det lim	mg/Kg	9	4/8/2003	KG	CT ETPH
Fuel Oil #2	Below det lim	mg/Kg	9	4/8/2003	KG	CT ETPH
Fuel Oil #4	Below det lim	mg/Kg	9	4/8/2003	KG	CT ETPH
Fuel Oil #6	*	mg/Kg	9	4/8/2003	KG	CT ETPH
Motor Oil	Below det lim	mg/Kg	9	4/8/2003	KG	CT ETPH
Aviation Fuel	Below det lim	mg/Kg	9	4/8/2003	KG	CT ETPH
Unidentified	170	mg/Kg	9	4/8/2003	KG	CT ETPH
Other Oil	Below det lim	mg/Kg	9	4/8/2003	KG	CT ETPH
1-Chloro-octadecane (%SR)	92	mg/Kg	0.	4/8/2003	KG	CT ETPH
SVOC Preparation						
Ultrasonic Extraction	Completed			4/8/2003	AM	SW846 3550B
Semivolatile Organic Compounds						
<i>PAHs by GC/MS</i>						
Naphthalene	Below det lim	ug/Kg	90.0	4/8/2003	MSL	SW846 8270C
2-Methylnaphthalene	Below det lim	ug/Kg	90.0	4/8/2003	MSL	SW846 8270C
1-Methylnaphthalene	Below det lim	ug/Kg	90.0	4/8/2003	MSL	SW846 8270C
Acenaphthylene	850	ug/Kg	90.0	4/8/2003	MSL	SW846 8270C
Acenaphthene	Below det lim	ug/Kg	90.0	4/8/2003	MSL	SW846 8270C
Fluorene	160	ug/Kg	90.0	4/8/2003	MSL	SW846 8270C
Phenanthrene	1,500	ug/Kg	90.0	4/8/2003	MSL	SW846 8270C
Anthracene	580	ug/Kg	90.0	4/8/2003	MSL	SW846 8270C
Fluoranthene	3,500	ug/Kg	90.0	4/8/2003	MSL	SW846 8270C
Pyrene	3,400	ug/Kg	90.0	4/8/2003	MSL	SW846 8270C
Benzo (a) anthracene	1,900	ug/Kg	90.0	4/8/2003	MSL	SW846 8270C
Chrysene	2,000	ug/Kg	90.0	4/8/2003	MSL	SW846 8270C
Benzo (b) fluoranthene	2,800	ug/Kg	90.0	4/8/2003	MSL	SW846 8270C
Benzo (k) fluoranthene	1,600	ug/Kg	90.0	4/8/2003	MSL	SW846 8270C
Benzo (a) pyrene	2,400	ug/Kg	90.0	4/8/2003	MSL	SW846 8270C
Indeno (1,2,3-cd) pyrene	1,100	ug/Kg	90.0	4/8/2003	MSL	SW846 8270C
Dibenzo (a,h) anthracene	190	ug/Kg	90.0	4/8/2003	MSL	SW846 8270C

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Matrix Soil

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Benzo (g,h,i) perylene	1,100	ug/Kg	90.0	4/8/2003	MSL	SW846 8270C
2-Fluorobiphenyl (%SR)	72	ug/Kg	0.000	4/8/2003	MSL	SW846 8270C
Terphenyl-d14 (%SR)	87	ug/Kg	0.000	4/8/2003	MSL	SW846 8270C
Metals Preparation						
Mercury Digestion	Completed			4/8/2003	KL	EPA 245.2
Mercury Digestion on Leachate	Completed			4/8/2003	LK	EPA 245.2
Metals Digestion	Completed			4/8/2003	KL	EPA 200.7
Metals Digestion on Leachate	Completed			4/8/2003	LK	EPA 200.7
Metals Analysis						
SPLP RCRA8 Metals						
SPLP Arsenic	Below det lim	mg/L	0.015	4/9/2003	CR	1312/200.7
SPLP Barium	0.0687	mg/L	0.020	4/9/2003	CR	1312/200.7
SPLP Cadmium	Below det lim	mg/L	0.0025	4/9/2003	CR	1312/200.7
SPLP Chromium	Below det lim	mg/L	0.005	4/9/2003	CR	1312/200.7
SPLP Lead	Below det lim	mg/L	0.0075	4/9/2003	CR	1312/200.7
SPLP Selenium	Below det lim	mg/L	0.015	4/9/2003	CR	1312/200.7
SPLP Silver	Below det lim	mg/L	0.010	4/9/2003	CR	1312/200.7
SPLP Mercury	Below det lim	mg/L	0.0004	4/9/2003	LRR	1312/7470A
Total RCRA8 Metals						
Total Arsenic	Below det lim	mg/Kg	3.20	4/8/2003	CRE	EPA 200.7
Total Barium	25.4	mg/Kg	1.07	4/8/2003	CRE	EPA 200.7
Total Cadmium	Below det lim	mg/Kg	0.534	4/8/2003	CRE	EPA 200.7
Total Chromium	10.3	mg/Kg	1.07	4/8/2003	CRE	EPA 200.7
Total Lead	45.9	mg/Kg	1.60	4/8/2003	CRE	EPA 200.7
Total Selenium	Below det lim	mg/Kg	3.20	4/8/2003	CRE	EPA 200.7
Total Silver	Below det lim	mg/Kg	2.14	4/8/2003	CRE	EPA 200.7
Total Mercury	Below det lim	mg/Kg	0.189	4/9/2003	LRR	SW846 7471A
TCLP/SPLP Preparation						
SPLP Extraction for Metals	Completed			4/7/2003	KP	SW846 1312
% Solids	93.0	%		4/7/2003	BH	SM2540 B Mod.

Parameter	Results	Units	PQL	Start Date	Analyst	Method
VOC Preparation						
VOC Extraction (solid)						
Extraction Technique	Laboratory			4/7/2003	SS	
Sample Introduction SW846 5030	N/A			4/7/2003	SS	
Sample Introduction SW846 5035	Completed			4/7/2003	SS	
Sample Introduction SW846 5035 Mod	N/A			4/7/2003	SS	
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/Kg	100	4/8/2003	CH	SW846 8260B
Acrylonitrile	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Benzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Bromobenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Bromochloromethane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Bromodichloromethane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Bromoform	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Bromomethane	Below det lim	ug/Kg	10.0	4/8/2003	CH	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/Kg	50.0	4/8/2003	CH	SW846 8260B
n-Butylbenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
sec-Butylbenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
tert-Butylbenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Carbon disulfide	Below det lim	ug/Kg	25.0	4/8/2003	CH	SW846 8260B
Carbon tetrachloride	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Chlorobenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Chloroethane	Below det lim	ug/Kg	10.0	4/8/2003	CH	SW846 8260B
Chloroform	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Chloromethane	Below det lim	ug/Kg	10.0	4/8/2003	CH	SW846 8260B
2-Chlorotoluene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
4-Chlorotoluene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/Kg	10.0	4/8/2003	CH	SW846 8260B
Dibromochloromethane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Dibromomethane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/Kg	10.0	4/8/2003	CH	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
cis-1,2-Dichloroethene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B

Parameter	Results	Units	PQL	Start Date	Analyst	Method
trans-1,2-Dichloroethene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Ethylbenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Hexachlorobutadiene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/Kg	50.0	4/8/2003	CH	SW846 8260B
Isopropylbenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/Kg	50.0	4/8/2003	CH	SW846 8260B
Methylene chloride	Below det lim	ug/Kg	10.0	4/8/2003	CH	SW846 8260B
Naphthalene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
n-Propylbenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Styrene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Tetrachloroethene (PCE)	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Toluene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Trichloroethene (TCE)	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Vinyl chloride	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
m,p-Xylenes	Below det lim	ug/Kg	10.0	4/8/2003	CH	SW846 8260B
o-Xylene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
4-Bromofluorobenzene (%SR)	87	ug/Kg	0.000	4/8/2003	CH	SW846 8260B
1,4-Difluorobenzene (%SR)	103	ug/Kg	0.000	4/8/2003	CH	SW846 8260B
Chlorobenzene-d5 (%SR)	94	ug/Kg	0.000	4/8/2003	CH	SW846 8260B
Dibromofluoromethane (%SR)	na	ug/Kg	0.000	4/8/2003	CH	SW846 8260B
1,2-Dichloroethane-d4 (%SR)	na	ug/Kg	0.000	4/8/2003	CH	SW846 8260B
Toluene-d8 (%SR)	na	ug/Kg	0.000	4/8/2003	CH	SW846 8260B

Parameter	Results	Units	PQL	Start Date	Analyst	Method
TPH Preparation						
Ultrasonic Extraction	Completed			4/8/2003	AM	SW846 3550B
Petroleum Hydrocarbon Analysis						
<i>Extractable TPH</i>						
Total Petroleum Hydrocarbons (C9-C36)	590	mg/Kg	10	4/8/2003	KG	CT ETPH
Gasoline	Below det lim	mg/Kg	10	4/8/2003	KG	CT ETPH
Fuel Oil #2	Below det lim	mg/Kg	10	4/8/2003	KG	CT ETPH
Fuel Oil #4	Below det lim	mg/Kg	10	4/8/2003	KG	CT ETPH
Fuel Oil #6	*	mg/Kg	10	4/8/2003	KG	CT ETPH
Motor Oil	Below det lim	mg/Kg	10	4/8/2003	KG	CT ETPH
Aviation Fuel	Below det lim	mg/Kg	10	4/8/2003	KG	CT ETPH
Unidentified	590	mg/Kg	10	4/8/2003	KG	CT ETPH
Other Oil	Below det lim	mg/Kg	10	4/8/2003	KG	CT ETPH
1-Chloro-octadecane (%SR)	63	mg/Kg	0.	4/8/2003	KG	CT ETPH
SVOC Preparation						
Ultrasonic Extraction	Completed			4/8/2003	AM	SW846 3550B
Semivolatile Organic Compounds						
<i>PAHs by GC/MS</i>						
Naphthalene	Below det lim	ug/Kg	104	4/8/2003	MSL	SW846 8270C
2-Methylnaphthalene	290	ug/Kg	104	4/8/2003	MSL	SW846 8270C
1-Methylnaphthalene	Below det lim	ug/Kg	104	4/8/2003	MSL	SW846 8270C
Acenaphthylene	2,700	ug/Kg	104	4/8/2003	MSL	SW846 8270C
Acenaphthene	250	ug/Kg	104	4/8/2003	MSL	SW846 8270C
Fluorene	690	ug/Kg	104	4/8/2003	MSL	SW846 8270C
Phenanthrene	8,600	ug/Kg	104	4/8/2003	MSL	SW846 8270C
Anthracene	2,200	ug/Kg	104	4/8/2003	MSL	SW846 8270C
Fluoranthene	15,000	ug/Kg	104	4/8/2003	MSL	SW846 8270C
Pyrene	15,000	ug/Kg	104	4/8/2003	MSL	SW846 8270C
Benzo (a) anthracene	7,500	ug/Kg	104	4/8/2003	MSL	SW846 8270C
Chrysene	8,200	ug/Kg	104	4/8/2003	MSL	SW846 8270C
Benzo (b) fluoranthene	9,400	ug/Kg	104	4/8/2003	MSL	SW846 8270C
Benzo (k) fluoranthene	6,000	ug/Kg	104	4/8/2003	MSL	SW846 8270C
Benzo (a) pyrene	8,400	ug/Kg	104	4/8/2003	MSL	SW846 8270C
Indeno (1,2,3-cd) pyrene	3,600	ug/Kg	104	4/8/2003	MSL	SW846 8270C
Dibenzo (a,h) anthracene	770	ug/Kg	104	4/8/2003	MSL	SW846 8270C
Benzo (g,h,i) perylene	3,700	ug/Kg	104	4/8/2003	MSL	SW846 8270C
2-Fluorobiphenyl (%SR)	68	ug/Kg	0.000	4/8/2003	MSL	SW846 8270C
Terphenyl-d14 (%SR)	91	ug/Kg	0.000	4/8/2003	MSL	SW846 8270C
Metals Preparation						

Lab ID No: AD76944

Client Id: GP-2 4-6

Collection Date: 4/3/2003

Matrix Soil

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Mercury Digestion	Completed			4/8/2003	KL	EPA 245.2
Mercury Digestion on Leachate	Completed			4/8/2003	LK	EPA 245.2
Metals Digestion	Completed			4/8/2003	KL	EPA 200.7
Metals Digestion on Leachate	Completed			4/8/2003	LK	EPA 200.7
Metals Analysis						
SPLP RCRA8 Metals						
SPLP Arsenic	Below det lim	mg/L	0.015	4/9/2003	CR	1312/200.7
SPLP Barium	Below det lim	mg/L	0.020	4/9/2003	CR	1312/200.7
SPLP Cadmium	Below det lim	mg/L	0.0025	4/9/2003	CR	1312/200.7
SPLP Chromium	Below det lim	mg/L	0.005	4/9/2003	CR	1312/200.7
SPLP Lead	Below det lim	mg/L	0.0075	4/9/2003	CR	1312/200.7
SPLP Selenium	Below det lim	mg/L	0.015	4/9/2003	CR	1312/200.7
SPLP Silver	Below det lim	mg/L	0.010	4/9/2003	CR	1312/200.7
SPLP Mercury	Below det lim	mg/L	0.0004	4/9/2003	LRR	1312/7470A
Total RCRA8 Metals						
Total Arsenic	Below det lim	mg/Kg	3.26	4/8/2003	CRE	EPA 200.7
Total Barium	24.7	mg/Kg	1.09	4/8/2003	CRE	EPA 200.7
Total Cadmium	Below det lim	mg/Kg	0.544	4/8/2003	CRE	EPA 200.7
Total Chromium	9.81	mg/Kg	1.09	4/8/2003	CRE	EPA 200.7
Total Lead	42.0	mg/Kg	1.63	4/8/2003	CRE	EPA 200.7
Total Selenium	Below det lim	mg/Kg	3.26	4/8/2003	CRE	EPA 200.7
Total Silver	Below det lim	mg/Kg	2.17	4/8/2003	CRE	EPA 200.7
Total Mercury	Below det lim	mg/Kg	0.194	4/9/2003	LRR	SW846 7471A
TCLP/SPLP Preparation						
SPLP Extraction for Metals	Completed			4/7/2003	KP	SW846 1312
% Solids	91.7	%		4/7/2003	BH	SM2540 B Mod.

Lab ID No: AD76945

Client Id: GP-3 2-4

Collection Date: 4/3/2003

Matrix Soil

Parameter	Results	Units	PQL	Start Date	Analyst	Method
VOC Preparation						
VOC Extraction (solid)						
Extraction Technique	Laboratory			4/7/2003	SS	
Sample Introduction SW846 5030	N/A			4/7/2003	SS	
Sample Introduction SW846 5035	Completed			4/7/2003	SS	
Sample Introduction SW846 5035 Mod	N/A			4/7/2003	SS	
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/Kg	200	4/8/2003	CH	SW846 8260B
Acrylonitrile	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Benzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Bromobenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Bromochloromethane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Bromodichloromethane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Bromoform	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Bromomethane	Below det lim	ug/Kg	10.0	4/8/2003	CH	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/Kg	50.0	4/8/2003	CH	SW846 8260B
n-Butylbenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
sec-Butylbenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
tert-Butylbenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Carbon disulfide	Below det lim	ug/Kg	25.0	4/8/2003	CH	SW846 8260B
Carbon tetrachloride	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Chlorobenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Chloroethane	Below det lim	ug/Kg	10.0	4/8/2003	CH	SW846 8260B
Chloroform	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Chloromethane	Below det lim	ug/Kg	10.0	4/8/2003	CH	SW846 8260B
2-Chlorotoluene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
4-Chlorotoluene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/Kg	10.0	4/8/2003	CH	SW846 8260B
Dibromochloromethane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Dibromomethane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/Kg	10.0	4/8/2003	CH	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
cis-1,2-Dichloroethene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B

Parameter	Results	Units	PQL	Start Date	Analyst	Method
trans-1,2-Dichloroethene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Ethylbenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Hexachlorobutadiene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/Kg	50.0	4/8/2003	CH	SW846 8260B
Isopropylbenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/Kg	50.0	4/8/2003	CH	SW846 8260B
Methylene chloride	Below det lim	ug/Kg	10.0	4/8/2003	CH	SW846 8260B
Naphthalene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
n-Propylbenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Styrene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Tetrachloroethene (PCE)	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Toluene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Trichloroethene (TCE)	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Vinyl chloride	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
m,p-Xylenes	Below det lim	ug/Kg	10.0	4/8/2003	CH	SW846 8260B
o-Xylene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
4-Bromofluorobenzene (%SR)	64	ug/Kg	0.000	4/8/2003	CH	SW846 8260B
1,4-Difluorobenzene (%SR)	102	ug/Kg	0.000	4/8/2003	CH	SW846 8260B
Chlorobenzene-d5 (%SR)	80	ug/Kg	0.000	4/8/2003	CH	SW846 8260B
Dibromofluoromethane (%SR)	na	ug/Kg	0.000	4/8/2003	CH	SW846 8260B
1,2-Dichloroethane-d4 (%SR)	na	ug/Kg	0.000	4/8/2003	CH	SW846 8260B
Toluene-d8 (%SR)	na	ug/Kg	0.000	4/8/2003	CH	SW846 8260B

Parameter	Results	Units	PQL	Start Date	Analyst	Method
TPH Preparation						
Ultrasonic Extraction	Completed			4/8/2003	AM	SW846 3550B
Petroleum Hydrocarbon Analysis						
<i>Extractable TPH</i>						
Total Petroleum Hydrocarbons (C9-C36)	100	mg/Kg	10	4/8/2003	KG	CT ETPH
Gasoline	Below det lim	mg/Kg	10	4/8/2003	KG	CT ETPH
Fuel Oil #2	Below det lim	mg/Kg	10	4/8/2003	KG	CT ETPH
Fuel Oil #4	Below det lim	mg/Kg	10	4/8/2003	KG	CT ETPH
Fuel Oil #6	Below det lim	mg/Kg	10	4/8/2003	KG	CT ETPH
Motor Oil	*	mg/Kg	10	4/8/2003	KG	CT ETPH
Aviation Fuel	Below det lim	mg/Kg	10	4/8/2003	KG	CT ETPH
Unidentified	100	mg/Kg	10	4/8/2003	KG	CT ETPH
Other Oil	Below det lim	mg/Kg	10	4/8/2003	KG	CT ETPH
1-Chloro-octadecane (%SR)	71	mg/Kg	0.	4/8/2003	KG	CT ETPH
SVOC Preparation						
Ultrasonic Extraction	Completed			4/8/2003	AM	SW846 3550B
Semivolatile Organic Compounds						
<i>PAHs by GC/MS</i>						
Naphthalene	Below det lim	ug/Kg	106	4/8/2003	MSL	SW846 8270C
2-Methylnaphthalene	Below det lim	ug/Kg	106	4/8/2003	MSL	SW846 8270C
1-Methylnaphthalene	Below det lim	ug/Kg	106	4/8/2003	MSL	SW846 8270C
Acenaphthylene	360	ug/Kg	106	4/8/2003	MSL	SW846 8270C
Acenaphthene	Below det lim	ug/Kg	106	4/8/2003	MSL	SW846 8270C
Fluorene	Below det lim	ug/Kg	106	4/8/2003	MSL	SW846 8270C
Phenanthrene	270	ug/Kg	106	4/8/2003	MSL	SW846 8270C
Anthracene	250	ug/Kg	106	4/8/2003	MSL	SW846 8270C
Fluoranthene	750	ug/Kg	106	4/8/2003	MSL	SW846 8270C
Pyrene	790	ug/Kg	106	4/8/2003	MSL	SW846 8270C
Benzo (a) anthracene	460	ug/Kg	106	4/8/2003	MSL	SW846 8270C
Chrysene	500	ug/Kg	106	4/8/2003	MSL	SW846 8270C
Benzo (b) fluoranthene	650	ug/Kg	106	4/8/2003	MSL	SW846 8270C
Benzo (k) fluoranthene	450	ug/Kg	106	4/8/2003	MSL	SW846 8270C
Benzo (a) pyrene	600	ug/Kg	106	4/8/2003	MSL	SW846 8270C
Indeno (1,2,3-cd) pyrene	460	ug/Kg	106	4/8/2003	MSL	SW846 8270C
Dibenzo (a,h) anthracene	Below det lim	ug/Kg	106	4/8/2003	MSL	SW846 8270C
Benzo (g,h,i) perylene	610	ug/Kg	106	4/8/2003	MSL	SW846 8270C
2-Fluorobiphenyl (%SR)	74	ug/Kg	0.000	4/8/2003	MSL	SW846 8270C
Terphenyl-d14 (%SR)	89	ug/Kg	0.000	4/8/2003	MSL	SW846 8270C
Metals Preparation						

Lab ID No: AD76945

Client Id: GP-3 2-4

Collection Date: 4/3/2003

Matrix Soil

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Mercury Digestion	Completed			4/8/2003	KL	EPA 245.2
Mercury Digestion on Leachate	Completed			4/8/2003	LK	EPA 245.2
Metals Digestion	Completed			4/8/2003	KL	EPA 200.7
Metals Digestion on Leachate	Completed			4/8/2003	LK	EPA 200.7
Metals Analysis						
SPLP RCRA8 Metals						
SPLP Arsenic	Below det lim	mg/L	0.015	4/9/2003	CR	1312/200.7
SPLP Barium	0.0379	mg/L	0.020	4/9/2003	CR	1312/200.7
SPLP Cadmium	Below det lim	mg/L	0.0025	4/9/2003	CR	1312/200.7
SPLP Chromium	Below det lim	mg/L	0.005	4/9/2003	CR	1312/200.7
SPLP Lead	0.0276	mg/L	0.0075	4/9/2003	CR	1312/200.7
SPLP Selenium	Below det lim	mg/L	0.015	4/9/2003	CR	1312/200.7
SPLP Silver	Below det lim	mg/L	0.010	4/9/2003	CR	1312/200.7
SPLP Mercury	Below det lim	mg/L	0.0004	4/9/2003	LRR	1312/7470A
Total RCRA8 Metals						
Total Arsenic	3.73	mg/Kg	3.12	4/8/2003	CRE	EPA 200.7
Total Barium	31.0	mg/Kg	1.04	4/8/2003	CRE	EPA 200.7
Total Cadmium	Below det lim	mg/Kg	0.520	4/8/2003	CRE	EPA 200.7
Total Chromium	11.4	mg/Kg	1.04	4/8/2003	CRE	EPA 200.7
Total Lead	43.0	mg/Kg	1.56	4/8/2003	CRE	EPA 200.7
Total Selenium	Below det lim	mg/Kg	3.12	4/8/2003	CRE	EPA 200.7
Total Silver	Below det lim	mg/Kg	2.08	4/8/2003	CRE	EPA 200.7
Total Mercury	Below det lim	mg/Kg	0.182	4/9/2003	LRR	SW846 7471A
TCLP/SPLP Preparation						
SPLP Extraction for Metals	Completed			4/7/2003	KP	SW846 1312
% Solids	94.5	%		4/7/2003	BH	SM2540 B Mod.

NOTE: Poor surrogate recovery due to matrix interference using EPA5035a extraction technique.

Parameter	Results	Units	PQL	Start Date	Analyst	Method
VOC Preparation						
VOC Extraction (solid)						
Extraction Technique	Laboratory			4/7/2003	SS	
Sample Introduction SW846 5030	N/A			4/7/2003	SS	
Sample Introduction SW846 5035	Completed			4/7/2003	SS	
Sample Introduction SW846 5035 Mod	N/A			4/7/2003	SS	
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/Kg	100	4/8/2003	CH	SW846 8260B
Acrylonitrile	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Benzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Bromobenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Bromochloromethane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Bromodichloromethane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Bromoform	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Bromomethane	Below det lim	ug/Kg	10.0	4/8/2003	CH	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/Kg	50.0	4/8/2003	CH	SW846 8260B
n-Butylbenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
sec-Butylbenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
tert-Butylbenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Carbon disulfide	Below det lim	ug/Kg	25.0	4/8/2003	CH	SW846 8260B
Carbon tetrachloride	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Chlorobenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Chloroethane	Below det lim	ug/Kg	10.0	4/8/2003	CH	SW846 8260B
Chloroform	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Chloromethane	Below det lim	ug/Kg	10.0	4/8/2003	CH	SW846 8260B
2-Chlorotoluene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
4-Chlorotoluene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/Kg	10.0	4/8/2003	CH	SW846 8260B
Dibromochloromethane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Dibromomethane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/Kg	10.0	4/8/2003	CH	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
cis-1,2-Dichloroethene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B

Parameter	Results	Units	PQL	Start Date	Analyst	Method
trans-1,2-Dichloroethene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Ethylbenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Hexachlorobutadiene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/Kg	50.0	4/8/2003	CH	SW846 8260B
Isopropylbenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/Kg	50.0	4/8/2003	CH	SW846 8260B
Methylene chloride	Below det lim	ug/Kg	15.0	4/8/2003	CH	SW846 8260B
Naphthalene	6.6	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
n-Propylbenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Styrene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Tetrachloroethene (PCE)	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Toluene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Trichloroethene (TCE)	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Vinyl chloride	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
m,p-Xylenes	Below det lim	ug/Kg	10.0	4/8/2003	CH	SW846 8260B
o-Xylene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
4-Bromofluorobenzene (%SR)	81	ug/Kg	0.000	4/8/2003	CH	SW846 8260B
1,4-Difluorobenzene (%SR)	103	ug/Kg	0.000	4/8/2003	CH	SW846 8260B
Chlorobenzene-d5 (%SR)	90	ug/Kg	0.000	4/8/2003	CH	SW846 8260B
Dibromofluoromethane (%SR)	na	ug/Kg	0.000	4/8/2003	CH	SW846 8260B
1,2-Dichloroethane-d4 (%SR)	na	ug/Kg	0.000	4/8/2003	CH	SW846 8260B
Toluene-d8 (%SR)	na	ug/Kg	0.000	4/8/2003	CH	SW846 8260B

Parameter	Results	Units	PQL	Start Date	Analyst	Method
TPH Preparation						
Ultrasonic Extraction	Completed			4/8/2003	AM	SW846 3550B
Petroleum Hydrocarbon Analysis						
<i>Extractable TPH</i>						
Total Petroleum Hydrocarbons (C9-C36)	240	mg/Kg	10	4/8/2003	KG	CT ETPH
Gasoline	Below det lim	mg/Kg	10	4/8/2003	KG	CT ETPH
Fuel Oil #2	Below det lim	mg/Kg	10	4/8/2003	KG	CT ETPH
Fuel Oil #4	Below det lim	mg/Kg	10	4/8/2003	KG	CT ETPH
Fuel Oil #6	*	mg/Kg	10	4/8/2003	KG	CT ETPH
Motor Oil	Below det lim	mg/Kg	10	4/8/2003	KG	CT ETPH
Aviation Fuel	Below det lim	mg/Kg	10	4/8/2003	KG	CT ETPH
Unidentified	240	mg/Kg	10	4/8/2003	KG	CT ETPH
Other Oil	Below det lim	mg/Kg	10	4/8/2003	KG	CT ETPH
1-Chloro-octadecane (%SR)	55	mg/Kg	0.	4/8/2003	KG	CT ETPH
SVOC Preparation						
Ultrasonic Extraction	Completed			4/8/2003	AM	SW846 3550B
Semivolatile Organic Compounds						
<i>PAHs by GC/MS</i>						
Naphthalene	Below det lim	ug/Kg	141	4/8/2003	MSL	SW846 8270C
2-Methylnaphthalene	Below det lim	ug/Kg	141	4/8/2003	MSL	SW846 8270C
1-Methylnaphthalene	Below det lim	ug/Kg	141	4/8/2003	MSL	SW846 8270C
Acenaphthylene	1,100	ug/Kg	141	4/8/2003	MSL	SW846 8270C
Acenaphthene	Below det lim	ug/Kg	141	4/8/2003	MSL	SW846 8270C
Fluorene	300	ug/Kg	141	4/8/2003	MSL	SW846 8270C
Phenanthrene	3,000	ug/Kg	141	4/8/2003	MSL	SW846 8270C
Anthracene	860	ug/Kg	141	4/8/2003	MSL	SW846 8270C
Fluoranthene	5,600	ug/Kg	141	4/8/2003	MSL	SW846 8270C
Pyrene	5,600	ug/Kg	141	4/8/2003	MSL	SW846 8270C
Benzo (a) anthracene	2,800	ug/Kg	141	4/8/2003	MSL	SW846 8270C
Chrysene	3,200	ug/Kg	141	4/8/2003	MSL	SW846 8270C
Benzo (b) fluoranthene	3,500	ug/Kg	141	4/8/2003	MSL	SW846 8270C
Benzo (k) fluoranthene	2,200	ug/Kg	141	4/8/2003	MSL	SW846 8270C
Benzo (a) pyrene	3,300	ug/Kg	141	4/8/2003	MSL	SW846 8270C
Indeno (1,2,3-cd) pyrene	2,100	ug/Kg	141	4/8/2003	MSL	SW846 8270C
Dibenzo (a,h) anthracene	590	ug/Kg	141	4/8/2003	MSL	SW846 8270C
Benzo (g,h,i) perylene	2,300	ug/Kg	141	4/8/2003	MSL	SW846 8270C
2-Fluorobiphenyl (%SR)	70	ug/Kg	0.000	4/8/2003	MSL	SW846 8270C
Terphenyl-d14 (%SR)	90	ug/Kg	0.000	4/8/2003	MSL	SW846 8270C
Metals Preparation						

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Parameter	Results	Units	PQL	Start Date	Analyst	Method
Mercury Digestion	Completed			4/8/2003	KL	EPA 245.2
Mercury Digestion on Leachate	Completed			4/8/2003	LK	EPA 245.2
Metals Digestion	Completed			4/8/2003	KL	EPA 200.7
Metals Digestion on Leachate	dine			4/8/2003	LK	EPA 200.7
Metals Analysis						
SPLP RCRA8 Metals						
SPLP Arsenic	Below det lim	mg/L	0.015	4/9/2003	CR	1312/200.7
SPLP Barium	Below det lim	mg/L	0.020	4/9/2003	CR	1312/200.7
SPLP Cadmium	Below det lim	mg/L	0.0025	4/9/2003	CR	1312/200.7
SPLP Chromium	0.0199	mg/L	0.005	4/9/2003	CR	1312/200.7
SPLP Lead	0.0223	mg/L	0.0075	4/9/2003	CR	1312/200.7
SPLP Selenium	Below det lim	mg/L	0.015	4/9/2003	CR	1312/200.7
SPLP Silver	Below det lim	mg/L	0.010	4/9/2003	CR	1312/200.7
SPLP Mercury	Below det lim	mg/L	0.0004	4/9/2003	LRR	1312/7470A
Total RCRA8 Metals						
Total Arsenic	Below det lim	mg/Kg	3.20	4/8/2003	CRE	EPA 200.7
Total Barium	24.8	mg/Kg	1.07	4/8/2003	CRE	EPA 200.7
Total Cadmium	Below det lim	mg/Kg	0.534	4/8/2003	CRE	EPA 200.7
Total Chromium	12.6	mg/Kg	1.07	4/8/2003	CRE	EPA 200.7
Total Lead	137	mg/Kg	1.60	4/8/2003	CRE	EPA 200.7
Total Selenium	Below det lim	mg/Kg	3.20	4/8/2003	CRE	EPA 200.7
Total Silver	Below det lim	mg/Kg	2.14	4/8/2003	CRE	EPA 200.7
Total Mercury	Below det lim	mg/Kg	0.189	4/9/2003	LRR	SW846 7471A
TCLP/SPLP Preparation						
SPLP Extraction for Metals	Completed			4/7/2003	KP	SW846 1312
% Solids	91.7	%		4/7/2003	BH	SM2540 B Mod.

Parameter	Results	Units	PQL	Start Date	Analyst	Method
VOC Preparation						
<i>VOC Extraction (solid)</i>						
Extraction Technique	Laboratory			4/7/2003	SS	
Sample Introduction SW846 5030	N/A			4/7/2003	SS	
Sample Introduction SW846 5035	Completed			4/7/2003	SS	
Sample Introduction SW846 5035 Mod	N/A			4/7/2003	SS	
Volatile Organic Compounds						
<i>VOCs by GC/MS</i>						
Acetone	Below det lim	ug/Kg	200	4/8/2003	CH	SW846 8260B
Acrylonitrile	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Benzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Bromobenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Bromochloromethane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Bromodichloromethane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Bromoform	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Bromomethane	Below det lim	ug/Kg	10.0	4/8/2003	CH	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/Kg	50.0	4/8/2003	CH	SW846 8260B
n-Butylbenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
sec-Butylbenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
tert-Butylbenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Carbon disulfide	Below det lim	ug/Kg	25.0	4/8/2003	CH	SW846 8260B
Carbon tetrachloride	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Chlorobenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Chloroethane	Below det lim	ug/Kg	10.0	4/8/2003	CH	SW846 8260B
Chloroform	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Chloromethane	Below det lim	ug/Kg	10.0	4/8/2003	CH	SW846 8260B
2-Chlorotoluene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
4-Chlorotoluene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/Kg	10.0	4/8/2003	CH	SW846 8260B
Dibromochloromethane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Dibromomethane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/Kg	10.0	4/8/2003	CH	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
cis-1,2-Dichloroethene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B

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Parameter	Results	Units	PQL	Start Date	Analyst	Method
trans-1,2-Dichloroethene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Ethylbenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Hexachlorobutadiene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/Kg	50.0	4/8/2003	CH	SW846 8260B
Isopropylbenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/Kg	50.0	4/8/2003	CH	SW846 8260B
Methylene chloride	Below det lim	ug/Kg	10.0	4/8/2003	CH	SW846 8260B
Naphthalene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
n-Propylbenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Styrene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Tetrachloroethene (PCE)	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Toluene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Trichloroethene (TCE)	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Vinyl chloride	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
m,p-Xylenes	Below det lim	ug/Kg	10.0	4/8/2003	CH	SW846 8260B
o-Xylene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
4-Bromofluorobenzene (%SR)	68	ug/Kg	0.000	4/8/2003	CH	SW846 8260B
1,4-Difluorobenzene (%SR)	102	ug/Kg	0.000	4/8/2003	CH	SW846 8260B
Chlorobenzene-d5 (%SR)	83	ug/Kg	0.000	4/8/2003	CH	SW846 8260B
Dibromofluoromethane (%SR)	na	ug/Kg	0.000	4/8/2003	CH	SW846 8260B
1,2-Dichloroethane-d4 (%SR)	na	ug/Kg	0.000	4/8/2003	CH	SW846 8260B
Toluene-d8 (%SR)	na	ug/Kg	0.000	4/8/2003	CH	SW846 8260B

Parameter	Results	Units	PQL	Start Date	Analyst	Method
TPH Preparation						
Ultrasonic Extraction	Completed			4/8/2003	AM	SW846 3550B
Petroleum Hydrocarbon Analysis						
<i>Extractable TPH</i>						
Total Petroleum Hydrocarbons (C9-C36)	75	mg/Kg	20	4/8/2003	JD	CT ETPH
Gasoline	Below det lim	mg/Kg	20	4/8/2003	JD	CT ETPH
Fuel Oil #2	Below det lim	mg/Kg	20	4/8/2003	JD	CT ETPH
Fuel Oil #4	Below det lim	mg/Kg	20	4/8/2003	JD	CT ETPH
Fuel Oil #6	*	mg/Kg	20	4/8/2003	JD	CT ETPH
Motor Oil	Below det lim	mg/Kg	20	4/8/2003	JD	CT ETPH
Aviation Fuel	Below det lim	mg/Kg	20	4/8/2003	JD	CT ETPH
Unidentified	75	mg/Kg	20	4/8/2003	JD	CT ETPH
Other Oil	Below det lim	mg/Kg	20	4/8/2003	JD	CT ETPH
1-Chloro-octadecane (%SR)	84	mg/Kg	0.	4/8/2003	JD	CT ETPH
SVOC Preparation						
Ultrasonic Extraction	Completed			4/8/2003	AM	SW846 3550B
Semivolatile Organic Compounds						
<i>PAHs by GC/MS</i>						
Naphthalene	Below det lim	ug/Kg	168	4/8/2003	MSL	SW846 8270C
2-Methylnaphthalene	Below det lim	ug/Kg	168	4/8/2003	MSL	SW846 8270C
1-Methylnaphthalene	Below det lim	ug/Kg	168	4/8/2003	MSL	SW846 8270C
Acenaphthylene	650	ug/Kg	168	4/8/2003	MSL	SW846 8270C
Acenaphthene	Below det lim	ug/Kg	168	4/8/2003	MSL	SW846 8270C
Fluorene	Below det lim	ug/Kg	168	4/8/2003	MSL	SW846 8270C
Phenanthrene	1,700	ug/Kg	168	4/8/2003	MSL	SW846 8270C
Anthracene	510	ug/Kg	168	4/8/2003	MSL	SW846 8270C
Fluoranthene	3,200	ug/Kg	168	4/8/2003	MSL	SW846 8270C
Pyrene	3,100	ug/Kg	168	4/8/2003	MSL	SW846 8270C
Benzo (a) anthracene	1,700	ug/Kg	168	4/8/2003	MSL	SW846 8270C
Chrysene	1,800	ug/Kg	168	4/8/2003	MSL	SW846 8270C
Benzo (b) fluoranthene	2,000	ug/Kg	168	4/8/2003	MSL	SW846 8270C
Benzo (k) fluoranthene	1,300	ug/Kg	168	4/8/2003	MSL	SW846 8270C
Benzo (a) pyrene	1,900	ug/Kg	168	4/8/2003	MSL	SW846 8270C
Indeno (1,2,3-cd) pyrene	960	ug/Kg	168	4/8/2003	MSL	SW846 8270C
Dibenzo (a,h) anthracene	Below det lim	ug/Kg	168	4/8/2003	MSL	SW846 8270C
Benzo (g,h,i) perylene	1,000	ug/Kg	168	4/8/2003	MSL	SW846 8270C
2-Fluorobiphenyl (%SR)	78	ug/Kg	0.000	4/8/2003	MSL	SW846 8270C
Terphenyl-d14 (%SR)	86	ug/Kg	0.000	4/8/2003	MSL	SW846 8270C
Metals Preparation						

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Parameter	Results	Units	PQL	Start Date	Analyst	Method
Mercury Digestion	Completed			4/8/2003	KL	EPA 245.2
Mercury Digestion on Leachate	Completed			4/8/2003	LK	EPA 245.2
Metals Digestion	Completed			4/8/2003	KL	EPA 200.7
Metals Digestion on Leachate	Completed			4/8/2003	LK	EPA 200.7
Metals Analysis						
SPLP RCRA8 Metals						
SPLP Arsenic	Below det lim	mg/L	0.015	4/9/2003	CR	1312/200.7
SPLP Barium	Below det lim	mg/L	0.020	4/9/2003	CR	1312/200.7
SPLP Cadmium	Below det lim	mg/L	0.0025	4/9/2003	CR	1312/200.7
SPLP Chromium	Below det lim	mg/L	0.005	4/9/2003	CR	1312/200.7
SPLP Lead	0.0164	mg/L	0.0075	4/9/2003	CR	1312/200.7
SPLP Selenium	Below det lim	mg/L	0.015	4/9/2003	CR	1312/200.7
SPLP Silver	Below det lim	mg/L	0.010	4/9/2003	CR	1312/200.7
SPLP Mercury	Below det lim	mg/L	0.0004	4/9/2003	LRR	1312/7470A
Total RCRA8 Metals						
Total Arsenic	4.60	mg/Kg	3.43	4/8/2003	CRE	EPA 200.7
Total Barium	47.9	mg/Kg	1.14	4/8/2003	CRE	EPA 200.7
Total Cadmium	Below det lim	mg/Kg	0.572	4/8/2003	CRE	EPA 200.7
Total Chromium	16.2	mg/Kg	1.14	4/8/2003	CRE	EPA 200.7
Total Lead	106	mg/Kg	1.71	4/8/2003	CRE	EPA 200.7
Total Selenium	Below det lim	mg/Kg	3.43	4/8/2003	CRE	EPA 200.7
Total Silver	Below det lim	mg/Kg	2.29	4/8/2003	CRE	EPA 200.7
Total Mercury	Below det lim	mg/Kg	0.194	4/9/2003	LRR	SW846 7471A
TCLP/SPLP Preparation						
SPLP Extraction for Metals	Completed			4/7/2003	KP	SW846 1312
% Solids	85.0	%		4/7/2003	BH	SM2540 B Mod.

NOTE: Poor surrogate recovery due to matrix interference using EPA5035a extraction technique.

Parameter	Results	Units	PQL	Start Date	Analyst	Method
VOC Preparation						
VOC Extraction (solid)						
Extraction Technique	Laboratory			4/7/2003	SS	
Sample Introduction SW846 5030	N/A			4/7/2003	SS	
Sample Introduction SW846 5035	Completed			4/7/2003	SS	
Sample Introduction SW846 5035 Mod	N/A			4/7/2003	SS	
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/Kg	200	4/8/2003	CH	SW846 8260B
Acrylonitrile	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Benzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Bromobenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Bromochloromethane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Bromodichloromethane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Bromoform	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Bromomethane	Below det lim	ug/Kg	10.0	4/8/2003	CH	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/Kg	50.0	4/8/2003	CH	SW846 8260B
n-Butylbenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
sec-Butylbenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
tert-Butylbenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Carbon disulfide	Below det lim	ug/Kg	25.0	4/8/2003	CH	SW846 8260B
Carbon tetrachloride	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Chlorobenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Chloroethane	Below det lim	ug/Kg	10.0	4/8/2003	CH	SW846 8260B
Chloroform	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Chloromethane	Below det lim	ug/Kg	10.0	4/8/2003	CH	SW846 8260B
2-Chlorotoluene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
4-Chlorotoluene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/Kg	10.0	4/8/2003	CH	SW846 8260B
Dibromochloromethane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Dibromomethane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/Kg	10.0	4/8/2003	CH	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
cis-1,2-Dichloroethene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B

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Parameter	Results	Units	PQL	Start Date	Analyst	Method
trans-1,2-Dichloroethene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Ethylbenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Hexachlorobutadiene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/Kg	50.0	4/8/2003	CH	SW846 8260B
Isopropylbenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/Kg	50.0	4/8/2003	CH	SW846 8260B
Methylene chloride	Below det lim	ug/Kg	10.0	4/8/2003	CH	SW846 8260B
Naphthalene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
n-Propylbenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Styrene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Tetrachloroethene (PCE)	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Toluene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Trichloroethene (TCE)	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Vinyl chloride	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
m,p-Xylenes	Below det lim	ug/Kg	10.0	4/8/2003	CH	SW846 8260B
o-Xylene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
4-Bromofluorobenzene (%SR)	62	ug/Kg	0.000	4/8/2003	CH	SW846 8260B
1,4-Difluorobenzene (%SR)	102	ug/Kg	0.000	4/8/2003	CH	SW846 8260B
Chlorobenzene-d5 (%SR)	79	ug/Kg	0.000	4/8/2003	CH	SW846 8260B
Dibromofluoromethane (%SR)	na	ug/Kg	0.000	4/8/2003	CH	SW846 8260B
1,2-Dichloroethane-d4 (%SR)	na	ug/Kg	0.000	4/8/2003	CH	SW846 8260B
Toluene-d8 (%SR)	na	ug/Kg	0.000	4/8/2003	CH	SW846 8260B

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Matrix Soil

Parameter	Results	Units	PQL	Start Date	Analyst	Method
TPH Preparation						
Ultrasonic Extraction	Completed			4/8/2003	AM	SW846 3550B
Petroleum Hydrocarbon Analysis						
<i>Extractable TPH</i>						
Total Petroleum Hydrocarbons (C9-C36)	42	mg/Kg	10	4/8/2003	JD	CT ETPH
Gasoline	Below det lim	mg/Kg	10	4/8/2003	JD	CT ETPH
Fuel Oil #2	Below det lim	mg/Kg	10	4/8/2003	JD	CT ETPH
Fuel Oil #4	Below det lim	mg/Kg	10	4/8/2003	JD	CT ETPH
Fuel Oil #6	Below det lim	mg/Kg	10	4/8/2003	JD	CT ETPH
Motor Oil	Below det lim	mg/Kg	10	4/8/2003	JD	CT ETPH
Aviation Fuel	Below det lim	mg/Kg	10	4/8/2003	JD	CT ETPH
Unidentified	42	mg/Kg	10	4/8/2003	JD	CT ETPH
Other Oil	*	mg/Kg	10	4/8/2003	JD	CT ETPH
1-Chloro-octadecane (%SR)	79	mg/Kg	0.	4/8/2003	JD	CT ETPH
SVOC Preparation						
Ultrasonic Extraction	Completed			4/8/2003	AM	SW846 3550B
Semivolatile Organic Compounds						
<i>PAHs by GC/MS</i>						
Naphthalene	Below det lim	ug/Kg	134	4/8/2003	MSL	SW846 8270C
2-Methylnaphthalene	Below det lim	ug/Kg	134	4/8/2003	MSL	SW846 8270C
1-Methylnaphthalene	Below det lim	ug/Kg	134	4/8/2003	MSL	SW846 8270C
Acenaphthylene	Below det lim	ug/Kg	134	4/8/2003	MSL	SW846 8270C
Acenaphthene	Below det lim	ug/Kg	134	4/8/2003	MSL	SW846 8270C
Fluorene	Below det lim	ug/Kg	134	4/8/2003	MSL	SW846 8270C
Phenanthrene	320	ug/Kg	134	4/8/2003	MSL	SW846 8270C
Anthracene	Below det lim	ug/Kg	134	4/8/2003	MSL	SW846 8270C
Fluoranthene	920	ug/Kg	134	4/8/2003	MSL	SW846 8270C
Pyrene	890	ug/Kg	134	4/8/2003	MSL	SW846 8270C
Benzo (a) anthracene	550	ug/Kg	134	4/8/2003	MSL	SW846 8270C
Chrysene	590	ug/Kg	134	4/8/2003	MSL	SW846 8270C
Benzo (b) fluoranthene	870	ug/Kg	134	4/8/2003	MSL	SW846 8270C
Benzo (k) fluoranthene	560	ug/Kg	134	4/8/2003	MSL	SW846 8270C
Benzo (a) pyrene	690	ug/Kg	134	4/8/2003	MSL	SW846 8270C
Indeno (1,2,3-cd) pyrene	380	ug/Kg	134	4/8/2003	MSL	SW846 8270C
Dibenzo (a,h) anthracene	Below det lim	ug/Kg	134	4/8/2003	MSL	SW846 8270C
Benzo (g,h,i) perylene	410	ug/Kg	134	4/8/2003	MSL	SW846 8270C
2-Fluorobiphenyl (%SR)	65	ug/Kg	0.000	4/8/2003	MSL	SW846 8270C
Terphenyl-d14 (%SR)	88	ug/Kg	0.000	4/8/2003	MSL	SW846 8270C

Metals Preparation

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Matrix Soil

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Mercury Digestion	Completed			4/8/2003	KL	EPA 245.2
Mercury Digestion on Leachate	Completed			4/8/2003	LK	EPA 245.2
Metals Digestion	Completed			4/8/2003	KL	EPA 200.7
Metals Digestion on Leachate	Completed			4/8/2003	LK	EPA 200.7
Metals Analysis						
SPLP RCRA8 Metals						
SPLP Arsenic	Below det lim	mg/L	0.015	4/9/2003	CR	1312/200.7
SPLP Barium	Below det lim	mg/L	0.020	4/9/2003	CR	1312/200.7
SPLP Cadmium	Below det lim	mg/L	0.0025	4/9/2003	CR	1312/200.7
SPLP Chromium	Below det lim	mg/L	0.005	4/9/2003	CR	1312/200.7
SPLP Lead	0.0168	mg/L	0.0075	4/9/2003	CR	1312/200.7
SPLP Selenium	Below det lim	mg/L	0.015	4/9/2003	CR	1312/200.7
SPLP Silver	Below det lim	mg/L	0.010	4/9/2003	CR	1312/200.7
SPLP Mercury	Below det lim	mg/L	0.0004	4/9/2003	LRR	1312/7470A
Total RCRA8 Metals						
Total Arsenic	4.60	mg/Kg	3.28	4/8/2003	CRE	EPA 200.7
Total Barium	47.8	mg/Kg	1.09	4/8/2003	CRE	EPA 200.7
Total Cadmium	Below det lim	mg/Kg	0.547	4/8/2003	CRE	EPA 200.7
Total Chromium	14.4	mg/Kg	1.09	4/8/2003	CRE	EPA 200.7
Total Lead	66.2	mg/Kg	1.64	4/8/2003	CRE	EPA 200.7
Total Selenium	Below det lim	mg/Kg	3.28	4/8/2003	CRE	EPA 200.7
Total Silver	Below det lim	mg/Kg	2.19	4/8/2003	CRE	EPA 200.7
Total Mercury	Below det lim	mg/Kg	0.188	4/9/2003	LRR	SW846 7471A
TCLP/SPLP Preparation						
SPLP Extraction for Metals	Completed			4/7/2003	KP	SW846 1312
% Solids	87.5	%		4/7/2003	BH	SM2540 B Mod.

NOTE: Poor surrogate recovery due to matrix interference using EPA5035a extraction technique.

Parameter	Results	Units	PQL	Start Date	Analyst	Method
VOC Preparation						
VOC Extraction (solid)						
Extraction Technique	Laboratory			4/7/2003	SS	
Sample Introduction SW846 5030	N/A			4/7/2003	SS	
Sample Introduction SW846 5035	Completed			4/7/2003	SS	
Sample Introduction SW846 5035 Mod	N/A			4/7/2003	SS	
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/Kg	100	4/8/2003	CH	SW846 8260B
Acrylonitrile	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Benzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Bromobenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Bromochloromethane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Bromodichloromethane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Bromoform	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Bromomethane	Below det lim	ug/Kg	10.0	4/8/2003	CH	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/Kg	50.0	4/8/2003	CH	SW846 8260B
n-Butylbenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
sec-Butylbenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
tert-Butylbenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Carbon disulfide	Below det lim	ug/Kg	25.0	4/8/2003	CH	SW846 8260B
Carbon tetrachloride	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Chlorobenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Chloroethane	Below det lim	ug/Kg	10.0	4/8/2003	CH	SW846 8260B
Chloroform	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Chloromethane	Below det lim	ug/Kg	10.0	4/8/2003	CH	SW846 8260B
2-Chlorotoluene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
4-Chlorotoluene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/Kg	10.0	4/8/2003	CH	SW846 8260B
Dibromochloromethane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Dibromomethane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/Kg	10.0	4/8/2003	CH	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
cis-1,2-Dichloroethene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B

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Matrix Soil

Parameter	Results	Units	PQL	Start Date	Analyst	Method
trans-1,2-Dichloroethene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Ethylbenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Hexachlorobutadiene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/Kg	50.0	4/8/2003	CH	SW846 8260B
Isopropylbenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/Kg	50.0	4/8/2003	CH	SW846 8260B
Methylene chloride	Below det lim	ug/Kg	10.0	4/8/2003	CH	SW846 8260B
Naphthalene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
n-Propylbenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Styrene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Tetrachloroethene (PCE)	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Toluene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Trichloroethene (TCE)	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Vinyl chloride	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
m,p-Xylenes	Below det lim	ug/Kg	10.0	4/8/2003	CH	SW846 8260B
o-Xylene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
4-Bromofluorobenzene (%SR)	72	ug/Kg	0.000	4/8/2003	CH	SW846 8260B
1,4-Difluorobenzene (%SR)	103	ug/Kg	0.000	4/8/2003	CH	SW846 8260B
Chlorobenzene-d5 (%SR)	86	ug/Kg	0.000	4/8/2003	CH	SW846 8260B
Dibromofluoromethane (%SR)	na	ug/Kg	0.000	4/8/2003	CH	SW846 8260B
1,2-Dichloroethane-d4 (%SR)	na	ug/Kg	0.000	4/8/2003	CH	SW846 8260B
Toluene-d8 (%SR)	na	ug/Kg	0.000	4/8/2003	CH	SW846 8260B

Parameter	Results	Units	PQL	Start Date	Analyst	Method
TPH Preparation						
Ultrasonic Extraction	Completed			4/8/2003	AM	SW846 3550B
Petroleum Hydrocarbon Analysis						
<i>Extractable TPH</i>						
Total Petroleum Hydrocarbons (C9-C36)	110	mg/Kg	20	4/8/2003	JD	CT ETPH
Gasoline	Below det lim	mg/Kg	20	4/8/2003	JD	CT ETPH
Fuel Oil #2	Below det lim	mg/Kg	20	4/8/2003	JD	CT ETPH
Fuel Oil #4	Below det lim	mg/Kg	20	4/8/2003	JD	CT ETPH
Fuel Oil #6	Below det lim	mg/Kg	20	4/8/2003	JD	CT ETPH
Motor Oil	Below det lim	mg/Kg	20	4/8/2003	JD	CT ETPH
Aviation Fuel	Below det lim	mg/Kg	20	4/8/2003	JD	CT ETPH
Unidentified	110	mg/Kg	20	4/8/2003	JD	CT ETPH
Other Oil	*	mg/Kg	20	4/8/2003	JD	CT ETPH
1-Chloro-octadecane (%SR)	43	mg/Kg	0.	4/8/2003	JD	CT ETPH
SVOC Preparation						
Ultrasonic Extraction	Completed			4/8/2003	AM	SW846 3550B
Semivolatile Organic Compounds						
<i>PAHs by GC/MS</i>						
Naphthalene	Below det lim	ug/Kg	151	4/8/2003	MSL	SW846 8270C
2-Methylnaphthalene	Below det lim	ug/Kg	151	4/8/2003	MSL	SW846 8270C
1-Methylnaphthalene	Below det lim	ug/Kg	151	4/8/2003	MSL	SW846 8270C
Acenaphthylene	1,100	ug/Kg	151	4/8/2003	MSL	SW846 8270C
Acenaphthene	Below det lim	ug/Kg	151	4/8/2003	MSL	SW846 8270C
Fluorene	220	ug/Kg	151	4/8/2003	MSL	SW846 8270C
Phenanthrene	2,400	ug/Kg	151	4/8/2003	MSL	SW846 8270C
Anthracene	930	ug/Kg	151	4/8/2003	MSL	SW846 8270C
Fluoranthene	6,100	ug/Kg	151	4/8/2003	MSL	SW846 8270C
Pyrene	6,300	ug/Kg	151	4/8/2003	MSL	SW846 8270C
Benzo (a) anthracene	3,300	ug/Kg	151	4/8/2003	MSL	SW846 8270C
Chrysene	3,400	ug/Kg	151	4/8/2003	MSL	SW846 8270C
Benzo (b) fluoranthene	4,000	ug/Kg	151	4/8/2003	MSL	SW846 8270C
Benzo (k) fluoranthene	2,500	ug/Kg	151	4/8/2003	MSL	SW846 8270C
Benzo (a) pyrene	3,800	ug/Kg	151	4/8/2003	MSL	SW846 8270C
Indeno (1,2,3-cd) pyrene	1,700	ug/Kg	151	4/8/2003	MSL	SW846 8270C
Dibenzo (a,h) anthracene	300	ug/Kg	151	4/8/2003	MSL	SW846 8270C
Benzo (g,h,i) perylene	1,800	ug/Kg	151	4/8/2003	MSL	SW846 8270C
2-Fluorobiphenyl (%SR)	65	ug/Kg	0.000	4/8/2003	MSL	SW846 8270C
Terphenyl-d14 (%SR)	92	ug/Kg	0.000	4/8/2003	MSL	SW846 8270C

Metals Preparation

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Matrix Soil

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Mercury Digestion	Completed			4/8/2003	KL	EPA 245.2
Mercury Digestion on Leachate	Completed			4/8/2003	LK	EPA 245.2
Metals Digestion	Completed			4/8/2003	KL	EPA 200.7
Metals Digestion on Leachate	Completed			4/8/2003	LK	EPA 200.7
Metals Analysis						
SPLP RCRA8 Metals						
SPLP Arsenic	Below det lim	mg/L	0.015	4/9/2003	CR	1312/200.7
SPLP Barium	0.0275	mg/L	0.020	4/9/2003	CR	1312/200.7
SPLP Cadmium	Below det lim	mg/L	0.0025	4/9/2003	CR	1312/200.7
SPLP Chromium	Below det lim	mg/L	0.005	4/9/2003	CR	1312/200.7
SPLP Lead	0.0467	mg/L	0.0075	4/9/2003	CR	1312/200.7
SPLP Selenium	Below det lim	mg/L	0.015	4/9/2003	CR	1312/200.7
SPLP Silver	Below det lim	mg/L	0.010	4/9/2003	CR	1312/200.7
SPLP Mercury	Below det lim	mg/L	0.0004	4/9/2003	LRR	1312/7470A
Total RCRA8 Metals						
Total Arsenic	8.55	mg/Kg	3.30	4/8/2003	CRE	EPA 200.7
Total Barium	47.2	mg/Kg	1.10	4/8/2003	CRE	EPA 200.7
Total Cadmium	Below det lim	mg/Kg	0.550	4/8/2003	CRE	EPA 200.7
Total Chromium	9.89	mg/Kg	1.10	4/8/2003	CRE	EPA 200.7
Total Lead	83.3	mg/Kg	1.65	4/8/2003	CRE	EPA 200.7
Total Selenium	Below det lim	mg/Kg	3.30	4/8/2003	CRE	EPA 200.7
Total Silver	Below det lim	mg/Kg	2.20	4/8/2003	CRE	EPA 200.7
Total Mercury	Below det lim	mg/Kg	0.185	4/9/2003	LRR	SW846 7471A
TCLP/SPLP Preparation						
SPLP Extraction for Metals	Completed			4/7/2003	KP	SW846 1312
% Solids	85.9	%		4/7/2003	BH	SM2540 B Mod.

Parameter	Results	Units	PQL	Start Date	Analyst	Method
VOC Preparation						
VOC Extraction (solid)						
Extraction Technique	Laboratory			4/7/2003	SS	
Sample Introduction SW846 5030	n/a			4/7/2003	SS	
Sample Introduction SW846 5035	Completed			4/7/2003	SS	
Sample Introduction SW846 5035 Mod	n/a			4/7/2003	SS	
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/Kg	100	4/8/2003	CH	SW846 8260B
Acrylonitrile	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Benzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Bromobenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Bromochloromethane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Bromodichloromethane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Bromoform	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Bromomethane	Below det lim	ug/Kg	10.0	4/8/2003	CH	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/Kg	50.0	4/8/2003	CH	SW846 8260B
n-Butylbenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
sec-Butylbenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
tert-Butylbenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Carbon disulfide	Below det lim	ug/Kg	25.0	4/8/2003	CH	SW846 8260B
Carbon tetrachloride	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Chlorobenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Chloroethane	Below det lim	ug/Kg	10.0	4/8/2003	CH	SW846 8260B
Chloroform	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Chloromethane	Below det lim	ug/Kg	10.0	4/8/2003	CH	SW846 8260B
2-Chlorotoluene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
4-Chlorotoluene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/Kg	10.0	4/8/2003	CH	SW846 8260B
Dibromochloromethane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Dibromomethane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/Kg	10.0	4/8/2003	CH	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
cis-1,2-Dichloroethene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B

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Matrix Soil

Parameter	Results	Units	PQL	Start Date	Analyst	Method
trans-1,2-Dichloroethene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Ethylbenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Hexachlorobutadiene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/Kg	50.0	4/8/2003	CH	SW846 8260B
Isopropylbenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/Kg	50.0	4/8/2003	CH	SW846 8260B
Methylene chloride	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Naphthalene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
n-Propylbenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Styrene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Tetrachloroethene (PCE)	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Toluene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Trichloroethene (TCE)	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Vinyl chloride	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
m,p-Xylenes	Below det lim	ug/Kg	10.0	4/8/2003	CH	SW846 8260B
o-Xylene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
4-Bromofluorobenzene (%SR)	74	ug/Kg	0.000	4/8/2003	CH	SW846 8260B
1,4-Difluorobenzene (%SR)	104	ug/Kg	0.000	4/8/2003	CH	SW846 8260B
Chlorobenzene-d5 (%SR)	89	ug/Kg	0.000	4/8/2003	CH	SW846 8260B
Dibromofluoromethane (%SR)	na	ug/Kg	0.000	4/8/2003	CH	SW846 8260B
1,2-Dichloroethane-d4 (%SR)	na	ug/Kg	0.000	4/8/2003	CH	SW846 8260B
Toluene-d8 (%SR)	na	ug/Kg	0.000	4/8/2003	CH	SW846 8260B

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Matrix Soil

Parameter	Results	Units	PQL	Start Date	Analyst	Method
TPH Preparation						
Ultrasonic Extraction	Completed			4/8/2003	AM	SW846 3550B
Petroleum Hydrocarbon Analysis						
<i>Extractable TPH</i>						
Total Petroleum Hydrocarbons (C9-C36)	50	mg/Kg	20	4/8/2003	JD	CT ETPH
Gasoline	Below det lim	mg/Kg	20	4/8/2003	JD	CT ETPH
Fuel Oil #2	Below det lim	mg/Kg	20	4/8/2003	JD	CT ETPH
Fuel Oil #4	Below det lim	mg/Kg	20	4/8/2003	JD	CT ETPH
Fuel Oil #6	Below det lim	mg/Kg	20	4/8/2003	JD	CT ETPH
Motor Oil	Below det lim	mg/Kg	20	4/8/2003	JD	CT ETPH
Aviation Fuel	Below det lim	mg/Kg	20	4/8/2003	JD	CT ETPH
Unidentified	50	mg/Kg	20	4/8/2003	JD	CT ETPH
Other Oil	*	mg/Kg	20	4/8/2003	JD	CT ETPH
1-Chloro-octadecane (%SR)	74	mg/Kg	0.	4/8/2003	JD	CT ETPH
SVOC Preparation						
Ultrasonic Extraction	Completed			4/8/2003	AM	SW846 3550B
Semivolatile Organic Compounds						
<i>PAHs by GC/MS</i>						
Naphthalene	Below det lim	ug/Kg	166	4/8/2003	MSL	SW846 8270C
2-Methylnaphthalene	Below det lim	ug/Kg	166	4/8/2003	MSL	SW846 8270C
1-Methylnaphthalene	Below det lim	ug/Kg	166	4/8/2003	MSL	SW846 8270C
Acenaphthylene	Below det lim	ug/Kg	166	4/8/2003	MSL	SW846 8270C
Acenaphthene	Below det lim	ug/Kg	166	4/8/2003	MSL	SW846 8270C
Fluorene	Below det lim	ug/Kg	166	4/8/2003	MSL	SW846 8270C
Phenanthrene	Below det lim	ug/Kg	166	4/8/2003	MSL	SW846 8270C
Anthracene	Below det lim	ug/Kg	166	4/8/2003	MSL	SW846 8270C
Fluoranthene	680	ug/Kg	166	4/8/2003	MSL	SW846 8270C
Pyrene	720	ug/Kg	166	4/8/2003	MSL	SW846 8270C
Benzo (a) anthracene	420	ug/Kg	166	4/8/2003	MSL	SW846 8270C
Chrysene	430	ug/Kg	166	4/8/2003	MSL	SW846 8270C
Benzo (b) fluoranthene	550	ug/Kg	166	4/8/2003	MSL	SW846 8270C
Benzo (k) fluoranthene	440	ug/Kg	166	4/8/2003	MSL	SW846 8270C
Benzo (a) pyrene	510	ug/Kg	166	4/8/2003	MSL	SW846 8270C
Indeno (1,2,3-cd) pyrene	330	ug/Kg	166	4/8/2003	MSL	SW846 8270C
Dibenzo (a,h) anthracene	Below det lim	ug/Kg	166	4/8/2003	MSL	SW846 8270C
Benzo (g,h,i) perylene	360	ug/Kg	166	4/8/2003	MSL	SW846 8270C
2-Fluorobiphenyl (%SR)	75	ug/Kg	0.000	4/8/2003	MSL	SW846 8270C
Terphenyl-d14 (%SR)	85	ug/Kg	0.000	4/8/2003	MSL	SW846 8270C

Metals Preparation

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Matrix Soil

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Mercury Digestion	Completed			4/8/2003	KL	EPA 245.2
Mercury Digestion on Leachate	Completed			4/8/2003	LK	EPA 245.2
Metals Digestion	Completed			4/8/2003	KL	EPA 200.7
Metals Digestion on Leachate	Completed			4/8/2003	LK	EPA 200.7
Metals Analysis						
SPLP RCRA8 Metals						
SPLP Arsenic	Below det lim	mg/L	0.015	4/9/2003	CR	1312/200.7
SPLP Barium	Below det lim	mg/L	0.020	4/9/2003	CR	1312/200.7
SPLP Cadmium	Below det lim	mg/L	0.0025	4/9/2003	CR	1312/200.7
SPLP Chromium	Below det lim	mg/L	0.005	4/9/2003	CR	1312/200.7
SPLP Lead	Below det lim	mg/L	0.0075	4/9/2003	CR	1312/200.7
SPLP Selenium	Below det lim	mg/L	0.015	4/9/2003	CR	1312/200.7
SPLP Silver	Below det lim	mg/L	0.010	4/9/2003	CR	1312/200.7
SPLP Mercury	Below det lim	mg/L	0.0004	4/9/2003	LRR	1312/7470A
Total RCRA8 Metals						
Total Arsenic	8.01	mg/Kg	3.64	4/8/2003	CRE	EPA 200.7
Total Barium	60.8	mg/Kg	1.21	4/8/2003	CRE	EPA 200.7
Total Cadmium	Below det lim	mg/Kg	0.607	4/8/2003	CRE	EPA 200.7
Total Chromium	15.5	mg/Kg	1.21	4/8/2003	CRE	EPA 200.7
Total Lead	63.1	mg/Kg	1.82	4/8/2003	CRE	EPA 200.7
Total Selenium	Below det lim	mg/Kg	3.64	4/8/2003	CRE	EPA 200.7
Total Silver	Below det lim	mg/Kg	2.43	4/8/2003	CRE	EPA 200.7
Total Mercury	Below det lim	mg/Kg	0.208	4/9/2003	LRR	SW846 7471A
TCLP/SPLP Preparation						
SPLP Extraction for Metals	Completed			4/7/2003	KP	SW846 1312
% Solids	81.8	%		4/7/2003	BH	SM2540 B Mod.

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Matrix Soil

Parameter	Results	Units	PQL	Start Date	Analyst	Method
VOC Preparation						
VOC Extraction (solid)						
Extraction Technique	Laboratory			4/7/2003	SS	
Sample Introduction SW846 5030	N/A			4/7/2003	SS	
Sample Introduction SW846 5035	Completed			4/7/2003	SS	
Sample Introduction SW846 5035 Mod	N/A			4/7/2003	SS	
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/Kg	100	4/8/2003	CH	SW846 8260B
Acrylonitrile	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Benzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Bromobenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Bromochloromethane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Bromodichloromethane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Bromoform	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Bromomethane	Below det lim	ug/Kg	10.0	4/8/2003	CH	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/Kg	50.0	4/8/2003	CH	SW846 8260B
n-Butylbenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
sec-Butylbenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
tert-Butylbenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Carbon disulfide	Below det lim	ug/Kg	25.0	4/8/2003	CH	SW846 8260B
Carbon tetrachloride	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Chlorobenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Chloroethane	Below det lim	ug/Kg	10.0	4/8/2003	CH	SW846 8260B
Chloroform	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Chloromethane	Below det lim	ug/Kg	10.0	4/8/2003	CH	SW846 8260B
2-Chlorotoluene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
4-Chlorotoluene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/Kg	10.0	4/8/2003	CH	SW846 8260B
Dibromochloromethane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Dibromomethane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/Kg	10.0	4/8/2003	CH	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
cis-1,2-Dichloroethene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B

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Matrix Soil

Parameter	Results	Units	PQL	Start Date	Analyst	Method
trans-1,2-Dichloroethene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Ethylbenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Hexachlorobutadiene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/Kg	50.0	4/8/2003	CH	SW846 8260B
Isopropylbenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/Kg	50.0	4/8/2003	CH	SW846 8260B
Methylene chloride	Below det lim	ug/Kg	10.0	4/8/2003	CH	SW846 8260B
Naphthalene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
n-Propylbenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Styrene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Tetrachloroethene (PCE)	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Toluene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Trichloroethene (TCE)	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
Vinyl chloride	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
m,p-Xylenes	Below det lim	ug/Kg	10.0	4/8/2003	CH	SW846 8260B
o-Xylene	Below det lim	ug/Kg	5.00	4/8/2003	CH	SW846 8260B
4-Bromofluorobenzene (%SR)	84	ug/Kg	0.000	4/8/2003	CH	SW846 8260B
1,4-Difluorobenzene (%SR)	104	ug/Kg	0.000	4/8/2003	CH	SW846 8260B
Chlorobenzene-d5 (%SR)	95	ug/Kg	0.000	4/8/2003	CH	SW846 8260B
Dibromofluoromethane (%SR)	na	ug/Kg	0.000	4/8/2003	CH	SW846 8260B
1,2-Dichloroethane-d4 (%SR)	na	ug/Kg	0.000	4/8/2003	CH	SW846 8260B
Toluene-d8 (%SR)	na	ug/Kg	0.000	4/8/2003	CH	SW846 8260B

Parameter	Results	Units	PQL	Start Date	Analyst	Method
TPH Preparation						
Ultrasonic Extraction	Completed			4/8/2003	AM	SW846 3550B
Petroleum Hydrocarbon Analysis						
<i>Extractable TPH</i>						
Total Petroleum Hydrocarbons (C9-C36)	57	mg/Kg	10	4/8/2003	JD	CT ETPH
Gasoline	Below det lim	mg/Kg	10	4/8/2003	JD	CT ETPH
Fuel Oil #2	Below det lim	mg/Kg	10	4/8/2003	JD	CT ETPH
Fuel Oil #4	Below det lim	mg/Kg	10	4/8/2003	JD	CT ETPH
Fuel Oil #6	Below det lim	mg/Kg	10	4/8/2003	JD	CT ETPH
Motor Oil	Below det lim	mg/Kg	10	4/8/2003	JD	CT ETPH
Aviation Fuel	Below det lim	mg/Kg	10	4/8/2003	JD	CT ETPH
Unidentified	57	mg/Kg	10	4/8/2003	JD	CT ETPH
Other Oil	*	mg/Kg	10	4/8/2003	JD	CT ETPH
1-Chloro-octadecane (%SR)	78	mg/Kg	0.	4/8/2003	JD	CT ETPH
SVOC Preparation						
Ultrasonic Extraction	Completed			4/8/2003	AM	SW846 3550B
Semivolatile Organic Compounds						
<i>PAHs by GC/MS</i>						
Naphthalene	Below det lim	ug/Kg	147	4/8/2003	MSL	SW846 8270C
2-Methylnaphthalene	Below det lim	ug/Kg	147	4/8/2003	MSL	SW846 8270C
1-Methylnaphthalene	Below det lim	ug/Kg	147	4/8/2003	MSL	SW846 8270C
Acenaphthylene	310	ug/Kg	147	4/8/2003	MSL	SW846 8270C
Acenaphthene	Below det lim	ug/Kg	147	4/8/2003	MSL	SW846 8270C
Fluorene	Below det lim	ug/Kg	147	4/8/2003	MSL	SW846 8270C
Phenanthrene	1,000	ug/Kg	147	4/8/2003	MSL	SW846 8270C
Anthracene	350	ug/Kg	147	4/8/2003	MSL	SW846 8270C
Fluoranthene	2,400	ug/Kg	147	4/8/2003	MSL	SW846 8270C
Pyrene	2,300	ug/Kg	147	4/8/2003	MSL	SW846 8270C
Benzo (a) anthracene	1,300	ug/Kg	147	4/8/2003	MSL	SW846 8270C
Chrysene	1,300	ug/Kg	147	4/8/2003	MSL	SW846 8270C
Benzo (b) fluoranthene	1,800	ug/Kg	147	4/8/2003	MSL	SW846 8270C
Benzo (k) fluoranthene	1,000	ug/Kg	147	4/8/2003	MSL	SW846 8270C
Benzo (a) pyrene	1,500	ug/Kg	147	4/8/2003	MSL	SW846 8270C
Indeno (1,2,3-cd) pyrene	730	ug/Kg	147	4/8/2003	MSL	SW846 8270C
Dibenzo (a,h) anthracene	Below det lim	ug/Kg	147	4/8/2003	MSL	SW846 8270C
Benzo (g,h,i) perylene	740	ug/Kg	147	4/8/2003	MSL	SW846 8270C
2-Fluorobiphenyl (%SR)	63	ug/Kg	0.000	4/8/2003	MSL	SW846 8270C
Terphenyl-d14 (%SR)	91	ug/Kg	0.000	4/8/2003	MSL	SW846 8270C
Metals Preparation						

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Matrix Soil

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Mercury Digestion	Completed			4/8/2003	KL	EPA 245.2
Mercury Digestion on Leachate	Completed			4/8/2003	LK	EPA 245.2
Metals Digestion	Completed			4/8/2003	KL	EPA 200.7
Metals Digestion on Leachate	Completed			4/8/2003	LK	EPA 200.7
Metals Analysis						
SPLP RCRA8 Metals						
SPLP Arsenic	Below det lim	mg/L	0.015	4/9/2003	CR	1312/200.7
SPLP Barium	0.0260	mg/L	0.020	4/9/2003	CR	1312/200.7
SPLP Cadmium	Below det lim	mg/L	0.0025	4/9/2003	CR	1312/200.7
SPLP Chromium	Below det lim	mg/L	0.005	4/9/2003	CR	1312/200.7
SPLP Lead	0.0156	mg/L	0.0075	4/9/2003	CR	1312/200.7
SPLP Selenium	Below det lim	mg/L	0.015	4/9/2003	CR	1312/200.7
SPLP Silver	Below det lim	mg/L	0.010	4/9/2003	CR	1312/200.7
SPLP Mercury	Below det lim	mg/L	0.0004	4/9/2003	LRR	1312/7470A
Total RCRA8 Metals						
Total Arsenic	9.71	mg/Kg	3.20	4/8/2003	CRE	EPA 200.7
Total Barium	53.1	mg/Kg	1.07	4/8/2003	CRE	EPA 200.7
Total Cadmium	Below det lim	mg/Kg	0.534	4/8/2003	CRE	EPA 200.7
Total Chromium	14.0	mg/Kg	1.07	4/8/2003	CRE	EPA 200.7
Total Lead	42.3	mg/Kg	1.60	4/8/2003	CRE	EPA 200.7
Total Selenium	Below det lim	mg/Kg	3.20	4/8/2003	CRE	EPA 200.7
Total Silver	Below det lim	mg/Kg	2.14	4/8/2003	CRE	EPA 200.7
Total Mercury	Below det lim	mg/Kg	0.205	4/9/2003	LRR	SW846 7471A
TCLP/SPLP Preparation						
SPLP Extraction for Metals	Completed			4/7/2003	KP	SW846 1312
% Solids	85.3	%		4/7/2003	BH	SM2540 B Mod.

APPENDIX D
QA/QC Sample
Laboratory Reports

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	4/8/2003	TR	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
Benzene	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	4/8/2003	TR	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	4/8/2003	TR	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	4/8/2003	TR	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	4/8/2003	TR	SW846 8260B
Chloroform	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	4/8/2003	TR	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	4/8/2003	TR	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	4/8/2003	TR	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
cis-1,2-Dichloroethene	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B

Lab ID No: AD76954

Client Id: FB-1

Collection Date: 4/3/2003

Matrix Blank Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Ethylbenzene	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
Hexachlorobutadiene	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	10.0	4/8/2003	TR	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	4/8/2003	TR	SW846 8260B
Methylene chloride	Below det lim	ug/L	1.5	4/8/2003	TR	SW846 8260B
Naphthalene	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
Styrene	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
Tetrachloroethene (PCE)	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
Toluene	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
Trichloroethene (TCE)	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
Vinyl chloride	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	4/8/2003	TR	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
4-Bromofluorobenzene (%SR)	97	ug/L		4/8/2003	TR	SW846 8260B
1,4-Difluorobenzene (%SR)	103	ug/L		4/8/2003	TR	SW846 8260B
Chlorobenzene-d5 (%SR)	99	ug/L		4/8/2003	TR	SW846 8260B
Dibromofluoromethane (%SR)	na	ug/L		4/8/2003	TR	SW846 8260B
1,2-Dichloroethane-d4 (%SR)	na	ug/L		4/8/2003	TR	SW846 8260B
Toluene-d8 (%SR)	na	ug/L		4/8/2003	TR	SW846 8260B

TPH Preparation

Separatory Funnel Extraction	Completed			4/8/2003	AAS	SW846 3510C
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Petroleum Hydrocarbon Analysis*Extractable TPH*

Total Petroleum Hydrocarbons (C9-C36)	Below det lim	mg/L	0.1	4/8/2003	JD	CT ETPH
Gasoline	Below det lim	mg/L	0.1	4/8/2003	JD	CT ETPH
Fuel Oil #2	Below det lim	mg/L	0.1	4/8/2003	JD	CT ETPH

Lab ID No: AD76954

Client Id: FB-1

Collection Date: 4/3/2003

Matrix Blank Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Fuel Oil #4	Below det lim	mg/L	0.1	4/8/2003	JD	CT ETPH
Fuel Oil #6	Below det lim	mg/L	0.1	4/8/2003	JD	CT ETPH
Motor Oil	Below det lim	mg/L	0.1	4/8/2003	JD	CT ETPH
Aviation Fuel	Below det lim	mg/L	0.1	4/8/2003	JD	CT ETPH
Unidentified	Below det lim	mg/L	0.1	4/8/2003	JD	CT ETPH
Other Oil	Below det lim	mg/L	0.1	4/8/2003	JD	CT ETPH
1-Chloro-octadecane (%SR)	88	mg/L		4/8/2003	JD	CT ETPH
SVOC Preparation						
Separatory Funnel Extraction	Completed			4/8/2003	AAS	SW846 3510C
Semivolatile Organic Compounds						
PAHs by GC/MS						
Naphthalene	Below det lim	ug/L	5.00	4/9/2003	MSL	SW846 8270C
2-Methylnaphthalene	Below det lim	ug/L	5.00	4/9/2003	MSL	SW846 8270C
1-Methylnaphthalene	Below det lim	ug/L	5.00	4/9/2003	MSL	SW846 8270C
Acenaphthylene	Below det lim	ug/L	5.00	4/9/2003	MSL	SW846 8270C
Acenaphthene	Below det lim	ug/L	5.00	4/9/2003	MSL	SW846 8270C
Fluorene	Below det lim	ug/L	5.00	4/9/2003	MSL	SW846 8270C
Phenanthrene	Below det lim	ug/L	5.00	4/9/2003	MSL	SW846 8270C
Anthracene	Below det lim	ug/L	5.00	4/9/2003	MSL	SW846 8270C
Fluoranthene	Below det lim	ug/L	5.00	4/9/2003	MSL	SW846 8270C
Pyrene	Below det lim	ug/L	5.00	4/9/2003	MSL	SW846 8270C
Benzo (a) anthracene	Below det lim	ug/L	5.00	4/9/2003	MSL	SW846 8270C
Chrysene	Below det lim	ug/L	5.00	4/9/2003	MSL	SW846 8270C
Benzo (b) fluoranthene	Below det lim	ug/L	5.00	4/9/2003	MSL	SW846 8270C
Benzo (k) fluoranthene	Below det lim	ug/L	5.00	4/9/2003	MSL	SW846 8270C
Benzo (a) pyrene	Below det lim	ug/L	5.00	4/9/2003	MSL	SW846 8270C
Indeno (1,2,3-cd) pyrene	Below det lim	ug/L	5.00	4/9/2003	MSL	SW846 8270C
Dibenzo (a,h) anthracene	Below det lim	ug/L	5.00	4/9/2003	MSL	SW846 8270C
Benzo (g,h,i) perylene	Below det lim	ug/L	5.00	4/9/2003	MSL	SW846 8270C
2-Fluorobiphenyl (%SR)	80	ug/L	0.000	4/9/2003	MSL	SW846 8270C
Terphenyl-d14 (%SR)	90	ug/L	0.000	4/9/2003	MSL	SW846 8270C
Metals Preparation						
Mercury Digestion	Completed			4/8/2003	KL	EPA 245.2
Metals Digestion	Completed			4/8/2003	KL	EPA 200.7
Metals Analysis						
Total RCRA8 Metals						
Total Arsenic	Below det lim	mg/L	0.004	4/8/2003	CRE	EPA 200.7
Total Barium	Below det lim	mg/L	0.0025	4/8/2003	CRE	EPA 200.7
Total Cadmium	Below det lim	mg/L	0.00125	4/8/2003	CRE	EPA 200.7

Lab ID No: AD76954

Client Id: FB-1

Collection Date: 4/3/2003

Matrix Blank Water

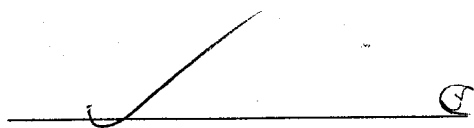
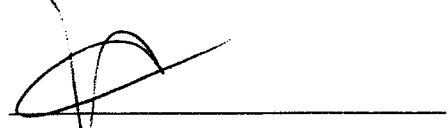
Parameter	Results	Units	PQL	Start Date	Analyst	Method
Total Chromium	Below det lim	mg/L	0.0025	4/8/2003	CRE	EPA 200.7
Total Lead	0.0083	mg/L	0.00375	4/8/2003	CRE	EPA 200.7
Total Selenium	Below det lim	mg/L	0.0075	4/8/2003	CRE	EPA 200.7
Total Silver	Below det lim	mg/L	0.005	4/8/2003	CRE	EPA 200.7
Total Mercury	Below det lim	mg/L	0.0004	4/8/2003	JME	EPA 245.2

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	4/8/2003	TR	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
Benzene	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	4/8/2003	TR	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	4/8/2003	TR	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	4/8/2003	TR	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	4/8/2003	TR	SW846 8260B
Chloroform	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	4/8/2003	TR	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	4/8/2003	TR	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	4/8/2003	TR	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
cis-1,2-Dichloroethene	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Ethylbenzene	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
Hexachlorobutadiene	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	10.0	4/8/2003	TR	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	4/8/2003	TR	SW846 8260B
Methylene chloride	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
Naphthalene	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
Styrene	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
Tetrachloroethene (PCE)	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
Toluene	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
Trichloroethene (TCE)	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
Vinyl chloride	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	4/8/2003	TR	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	4/8/2003	TR	SW846 8260B
4-Bromofluorobenzene (%SR)	94	ug/L		4/8/2003	TR	SW846 8260B
1,4-Difluorobenzene (%SR)	101	ug/L		4/8/2003	TR	SW846 8260B
Chlorobenzene-d5 (%SR)	98	ug/L		4/8/2003	TR	SW846 8260B
Dibromofluoromethane (%SR)	na	ug/L		4/8/2003	TR	SW846 8260B
1,2-Dichloroethane-d4 (%SR)	na	ug/L		4/8/2003	TR	SW846 8260B
Toluene-d8 (%SR)	na	ug/L		4/8/2003	TR	SW846 8260B

Reviewed by:

Validated by:

Quality Service/Quality Assurance Depts.

President/Laboratory Director

4/9/2003



SPECTRUM ANALYTICAL, INC.

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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



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CHAIN OF CUSTODY RECORD

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0407 1119

Special Handling:

- Standard TAT - 7 to 10 business days
- Rush TAT - Date Needed: 3 Day Turnaround
- All TATs subject to laboratory approval.
- Min. 24-hour notification needed for rushes.
- All samples are disposed of after 60 days unless otherwise instructed.

Report To: C. Knight
LES
354 S. River Rd.
Tolland CT 06084

Invoice To: CTDOT - Contract #6
c/o LES
354 S River Rd.
Tolland CT 06084

Project No.: 83-244
Site Name: Route 1 Bridge
Location: Stratford 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= WOOD X2=_____ X3=_____

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix
76943	GP-1 2=4'	4/3/03		C	SO
76944	GP-2 4=6'			C	SO
76945	GP-3 2=4'			C	SO
76946	GP-4 4=6'			C	SO
76947	GP-5 2=4'			C	SO
76948	GP-6 2=4'			C	SO
76949	GP-7 2=4'			C	SO
76950	GP-8 2=4'			C	SO
76951	GP-9 2=4'			C	SO
76952	W-1			G	XI

Containers:

Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic
	2			
	2			
	2			
	2			
	2			
	2			
	2			
	2			
	2			
	2			
	2			
	2			

Analyses:

VOGs - 8260	CT EPH	PAHs - 8270	Total RURA 8 Metals	SPLP RURA 8 Metals	TCLP RURA 8 Metals	PCBs + Pesticides 8080
X	X	X	X	X		
X	X	X	X	X		
X	X	X	X	X		
X	X	X	X	X		
X	X	X	X	X		
X	X	X	X	X		
X	X	X	X	X		
X	X	X	X	X		
X	X	X	X	X		
X	X	X	X	X		
X	X	X	X	X		
X	X	X	X	X	X	X

Notes:

Fax results when available to (____) _____
 E-mail results when available to _____
Condition upon Receipt: Iced Ambient 1 °C

Relinquished by:	Received by:	Date:	Time:
<u>[Signature]</u>	<u>[Signature]</u>	4/4/03	1003
<u>[Signature]</u>	<u>[Signature]</u>	4/4/03	1530

IN POWER

04071119



CHAIN OF CUSTODY RECORD

Special Handling:
 Standard TAT - 7 to 10 business days
 Rush TAT - Date Needed: 3 Day TAT
 • All TATs subject to laboratory approval.
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 • 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.: D. Stock - MAJ

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

Project No.: 03-244
 Site Name: Route 1 Bridge
 Location: Storford State: CT
 Sampler(s): C Casuolo

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=Spil. SL=Sludge A=Air
 X1= WOOD X2= Blank Water X3= _____

G=Grab C=Composite

				Containers:				Analyses:						Notes:			
Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic							
76953	W-2	4/3/03		G	X1			2				X	X	X	X	X	
76954	FB-1	↓			X2		2	2	1			X	X	X	X		
76955	TB-1	↓			X2		1					X					

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

Relinquished by:	Received by:	Date:	Time:
<u>Judith Knight</u>	<u>And Casuolo</u>	4/4/03	1003
<u>And Casuolo</u>	<u>Mts</u>	4/4/03	1530

10 copies

APPENDIX C
Timber Sample
Laboratory Reports

Parameter	Results	Units	PQL	Start Date	Analyst	Method
VOC Preparation						
<i>VOC Extraction (solid)</i>						
Extraction Technique	Lab ext			4/7/2003	SS	
Sample Introduction SW846 5030	Completed			4/7/2003	SS	
Sample Introduction SW846 5035	na			4/7/2003	SS	
Sample Introduction SW846 5035 Mod	na			4/7/2003	SS	
Volatile Organic Compounds						
<i>VOCs by GC/MS</i>						
Acetone	Below det lim	ug/Kg	183000	4/8/2003	TR	SW846 8260B
Acrylonitrile	Below det lim	ug/Kg	9170	4/8/2003	TR	SW846 8260B
Benzene	Below det lim	ug/Kg	9170	4/8/2003	TR	SW846 8260B
Bromobenzene	Below det lim	ug/Kg	9170	4/8/2003	TR	SW846 8260B
Bromochloromethane	Below det lim	ug/Kg	9170	4/8/2003	TR	SW846 8260B
Bromodichloromethane	Below det lim	ug/Kg	9170	4/8/2003	TR	SW846 8260B
Bromoform	Below det lim	ug/Kg	9170	4/8/2003	TR	SW846 8260B
Bromomethane	Below det lim	ug/Kg	18300	4/8/2003	TR	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/Kg	91700	4/8/2003	TR	SW846 8260B
n-Butylbenzene	Below det lim	ug/Kg	9170	4/8/2003	TR	SW846 8260B
sec-Butylbenzene	Below det lim	ug/Kg	9170	4/8/2003	TR	SW846 8260B
tert-Butylbenzene	Below det lim	ug/Kg	9170	4/8/2003	TR	SW846 8260B
Carbon disulfide	Below det lim	ug/Kg	45800	4/8/2003	TR	SW846 8260B
Carbon tetrachloride	Below det lim	ug/Kg	9170	4/8/2003	TR	SW846 8260B
Chlorobenzene	Below det lim	ug/Kg	9170	4/8/2003	TR	SW846 8260B
Chloroethane	Below det lim	ug/Kg	18300	4/8/2003	TR	SW846 8260B
Chloroform	Below det lim	ug/Kg	9170	4/8/2003	TR	SW846 8260B
Chloromethane	Below det lim	ug/Kg	23000	4/8/2003	TR	SW846 8260B
2-Chlorotoluene	Below det lim	ug/Kg	9170	4/8/2003	TR	SW846 8260B
4-Chlorotoluene	Below det lim	ug/Kg	9170	4/8/2003	TR	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/Kg	18300	4/8/2003	TR	SW846 8260B
Dibromochloromethane	Below det lim	ug/Kg	9170	4/8/2003	TR	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/Kg	9170	4/8/2003	TR	SW846 8260B
Dibromomethane	Below det lim	ug/Kg	9170	4/8/2003	TR	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/Kg	9170	4/8/2003	TR	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/Kg	9170	4/8/2003	TR	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/Kg	9170	4/8/2003	TR	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/Kg	18300	4/8/2003	TR	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/Kg	9170	4/8/2003	TR	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/Kg	9170	4/8/2003	TR	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/Kg	9170	4/8/2003	TR	SW846 8260B
cis-1,2-Dichloroethene	Below det lim	ug/Kg	9170	4/8/2003	TR	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/Kg	9170	4/8/2003	TR	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/Kg	9170	4/8/2003	TR	SW846 8260B

Lab ID No: AD76952

Collection Date: 4/3/2003

Client Id: W-1

Matrix Wood

Parameter	Results	Units	PQL	Start Date	Analyst	Method
1,3-Dichloropropane	Below det lim	ug/Kg	9170	4/8/2003	TR	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/Kg	9170	4/8/2003	TR	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/Kg	9170	4/8/2003	TR	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/Kg	9170	4/8/2003	TR	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/Kg	9170	4/8/2003	TR	SW846 8260B
Ethylbenzene	Below det lim	ug/Kg	9170	4/8/2003	TR	SW846 8260B
Hexachlorobutadiene	Below det lim	ug/Kg	9170	4/8/2003	TR	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/Kg	91700	4/8/2003	TR	SW846 8260B
Isopropylbenzene	Below det lim	ug/Kg	9170	4/8/2003	TR	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/Kg	9170	4/8/2003	TR	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/Kg	9170	4/8/2003	TR	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/Kg	91700	4/8/2003	TR	SW846 8260B
Methylene chloride	Below det lim	ug/Kg	61000	4/8/2003	TR	SW846 8260B
Naphthalene	731,900	ug/Kg	9170	4/8/2003	TR	SW846 8260B
n-Propylbenzene	Below det lim	ug/Kg	9170	4/8/2003	TR	SW846 8260B
Styrene	Below det lim	ug/Kg	9170	4/8/2003	TR	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/Kg	9170	4/8/2003	TR	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/Kg	9170	4/8/2003	TR	SW846 8260B
Tetrachloroethene (PCE)	Below det lim	ug/Kg	9170	4/8/2003	TR	SW846 8260B
Toluene	Below det lim	ug/Kg	9170	4/8/2003	TR	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/Kg	9170	4/8/2003	TR	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/Kg	9170	4/8/2003	TR	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/Kg	9170	4/8/2003	TR	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/Kg	9170	4/8/2003	TR	SW846 8260B
Trichloroethene (TCE)	Below det lim	ug/Kg	9170	4/8/2003	TR	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/Kg	9170	4/8/2003	TR	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/Kg	9170	4/8/2003	TR	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/Kg	9170	4/8/2003	TR	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/Kg	9170	4/8/2003	TR	SW846 8260B
Vinyl chloride	Below det lim	ug/Kg	9170	4/8/2003	TR	SW846 8260B
m,p-Xylenes	Below det lim	ug/Kg	18300	4/8/2003	TR	SW846 8260B
o-Xylene	Below det lim	ug/Kg	9170	4/8/2003	TR	SW846 8260B
4-Bromofluorobenzene (%SR)	97	ug/Kg	0.000	4/8/2003	TR	SW846 8260B
1,4-Difluorobenzene (%SR)	na	ug/Kg	0.000	4/8/2003	TR	SW846 8260B
Chlorobenzene-d5 (%SR)	na	ug/Kg	0.000	4/8/2003	TR	SW846 8260B
Dibromofluoromethane (%SR)	101	ug/Kg	0.000	4/8/2003	TR	SW846 8260B
1,2-Dichloroethane-d4 (%SR)	101	ug/Kg	0.000	4/8/2003	TR	SW846 8260B
Toluene-d8 (%SR)	100	ug/Kg	0.000	4/8/2003	TR	SW846 8260B
TPH Preparation						
Ultrasonic Extraction	Completed			4/8/2003	AM	SW846 3550B

Petroleum Hydrocarbon Analysis

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Extractable TPH						
Total Petroleum Hydrocarbons (C9-C36)	18,000	mg/Kg	40	4/8/2003	JD	CT ETPH
Gasoline	Below det lim	mg/Kg	40	4/8/2003	JD	CT ETPH
Fuel Oil #2	Below det lim	mg/Kg	40	4/8/2003	JD	CT ETPH
Fuel Oil #4	Below det lim	mg/Kg	40	4/8/2003	JD	CT ETPH
Fuel Oil #6	Below det lim	mg/Kg	40	4/8/2003	JD	CT ETPH
Motor Oil	Below det lim	mg/Kg	40	4/8/2003	JD	CT ETPH
Aviation Fuel	Below det lim	mg/Kg	40	4/8/2003	JD	CT ETPH
Unidentified	18,000	mg/Kg	40	4/8/2003	JD	CT ETPH
Other Oil	*	mg/Kg	40	4/8/2003	JD	CT ETPH
1-Chloro-octadecane (%SR)	64	mg/Kg	0.	4/8/2003	JD	CT ETPH
SVOC Preparation						
Separatory Funnel Extraction on Leachate	Completed			4/16/2003	AAS	SW846 3510C
Ultrasonic Extraction	Completed			4/8/2003	AM	SW846 3550B
Semivolatile Organic Compounds						
PAHs by GC/MS						
Naphthalene	160,000	ug/Kg	422	4/8/2003	MSL	SW846 8270C
2-Methylnaphthalene	270,000	ug/Kg	422	4/8/2003	MSL	SW846 8270C
1-Methylnaphthalene	120,000	ug/Kg	422	4/8/2003	MSL	SW846 8270C
Acenaphthylene	9,900	ug/Kg	422	4/8/2003	MSL	SW846 8270C
Acenaphthene	680,000	ug/Kg	422	4/8/2003	MSL	SW846 8270C
Fluorene	1,000,000	ug/Kg	422	4/8/2003	MSL	SW846 8270C
Phenanthrene	3,100,000	ug/Kg	422	4/8/2003	MSL	SW846 8270C
Anthracene	880,000	ug/Kg	422	4/8/2003	MSL	SW846 8270C
Fluoranthene	1,700,000	ug/Kg	422	4/8/2003	MSL	SW846 8270C
Pyrene	1,200,000	ug/Kg	422	4/8/2003	MSL	SW846 8270C
Benzo (a) anthracene	270,000	ug/Kg	422	4/8/2003	MSL	SW846 8270C
Chrysene	240,000	ug/Kg	422	4/8/2003	MSL	SW846 8270C
Benzo (b) fluoranthene	130,000	ug/Kg	422	4/8/2003	MSL	SW846 8270C
Benzo (k) fluoranthene	75,000	ug/Kg	422	4/8/2003	MSL	SW846 8270C
Benzo (a) pyrene	73,000	ug/Kg	422	4/8/2003	MSL	SW846 8270C
Indeno (1,2,3-cd) pyrene	15,000	ug/Kg	422	4/8/2003	MSL	SW846 8270C
Dibenzo (a,h) anthracene	3,900	ug/Kg	422	4/8/2003	MSL	SW846 8270C
Benzo (g,h,i) perylene	11,000	ug/Kg	422	4/8/2003	MSL	SW846 8270C
2-Fluorobiphenyl (%SR)	79	ug/Kg	0.000	4/8/2003	MSL	SW846 8270C
Terphenyl-d14 (%SR)	90	ug/Kg	0.000	4/8/2003	MSL	SW846 8270C
Phenols by GC/MS						
Phenol	Below det lim	ug/Kg	420	4/16/2003	MB	SW846 8270C
2-Chlorophenol	Below det lim	ug/Kg	420	4/16/2003	MB	SW846 8270C
2-Methylphenol (o-cresol)	Below det lim	ug/Kg	420	4/16/2003	MB	SW846 8270C
4-Methylphenol (p-cresol)	Below det lim	ug/Kg	420	4/16/2003	MB	SW846 8270C

Parameter	Results	Units	PQL	Start Date	Analyst	Method
2-Nitrophenol	Below det lim	ug/Kg	420	4/16/2003	MB	SW846 8270C
2,4-Dimethylphenol	Below det lim	ug/Kg	420	4/16/2003	MB	SW846 8270C
2,4-Dichlorophenol	Below det lim	ug/Kg	420	4/16/2003	MB	SW846 8270C
4-Chloro-3-methylphenol	Below det lim	ug/Kg	420	4/16/2003	MB	SW846 8270C
2,4,6-Trichlorophenol	Below det lim	ug/Kg	420	4/16/2003	MB	SW846 8270C
2,4,5-Trichlorophenol	Below det lim	ug/Kg	420	4/16/2003	MB	SW846 8270C
2,6-Dichlorophenol	Below det lim	ug/Kg	420	4/16/2003	MB	SW846 8270C
4-Nitrophenol	Below det lim	ug/Kg	420	4/16/2003	MB	SW846 8270C
2,4-Dinitrophenol	Below det lim	ug/Kg	420	4/16/2003	MB	SW846 8270C
4,6-Dinitro-2-methylphenol	Below det lim	ug/Kg	420	4/16/2003	MB	SW846 8270C
Pentachlorophenol	Below det lim	ug/Kg	420	4/16/2003	MB	SW846 8270C
3-Methylphenol (m-cresol)	Below det lim	ug/Kg	420	4/16/2003	MB	SW846 8270C
2-Fluorophenol (%SR)	78			4/16/2003	MB	SW846 8270C
Phenol-d5 (%SR)	80			4/16/2003	MB	SW846 8270C
TCLP Semivolatiles						
Phenol	Below det lim	ug/L	5.0	4/16/2003	MB	1311/8270C
2-Chlorophenol	Below det lim	ug/L	5.0	4/16/2003	MB	1311/8270C
2-Methylphenol (o-cresol)	Below det lim	ug/L	5.0	4/16/2003	MB	1311/8270C
3-Methylphenol (m-cresol)	Below det lim	ug/L	5.0	4/16/2003	MB	1311/8270C
4-Methylphenol (p-cresol)	Below det lim	ug/L	5.0	4/16/2003	MB	1311/8270C
2-Nitrophenol	Below det lim	ug/L	5.0	4/16/2003	MB	1311/8270C
2,4-Dimethylphenol	Below det lim	ug/L	5.0	4/16/2003	MB	1311/8270C
2,4-Dichlorophenol	Below det lim	ug/L	5.0	4/16/2003	MB	1311/8270C
4-Chloro-3-methylphenol	Below det lim	ug/L	5.0	4/16/2003	MB	1311/8270C
2,4,6-Trichlorophenol	Below det lim	ug/L	5.0	4/16/2003	MB	1311/8270C
2,4,5-Trichlorophenol	Below det lim	ug/L	5.0	4/16/2003	MB	1311/8270C
2,4-Dinitrophenol	Below det lim	ug/L	5.0	4/16/2003	MB	1311/8270C
4-Nitrophenol	Below det lim	ug/L	5.0	4/16/2003	MB	1311/8270C
4,6-Dinitro-2-methylphenol	Below det lim	ug/L	5.0	4/16/2003	MB	1311/8270C
Pentachlorophenol	Below det lim	ug/L	5.0	4/16/2003	MB	1311/8270C
2-Fluorophenol (%SR)	70	ug/L	0.	4/16/2003	MB	1311/8270C
Phenol-d5 (%SR)	70	ug/L	0.	4/16/2003	MB	1311/8270C
2,4,6-Tribromophenol (%SR)	75	ug/L	0.	4/16/2003	MB	1311/8270C
Semivolatile Organic Compounds						
Organochlorine Pesticides by GC						
Aldrin	Below det lim	ug/Kg	21	4/8/2003	TG	SW846 8081A
alpha-BHC	Below det lim	ug/Kg	21	4/8/2003	TG	SW846 8081A
beta-BHC	Below det lim	ug/Kg	21	4/8/2003	TG	SW846 8081A
delta-BHC	Below det lim	ug/Kg	21	4/8/2003	TG	SW846 8081A
gamma-BHC (Lindane)	Below det lim	ug/Kg	21	4/8/2003	TG	SW846 8081A
Chlordane	Below det lim	ug/Kg	80	4/8/2003	TG	SW846 8081A
4,4'-DDD	Below det lim	ug/Kg	21	4/8/2003	TG	SW846 8081A

Lab ID No: AD76952

Collection Date: 4/3/2003

Client Id: W-1

Matrix Wood

Parameter	Results	Units	PQL	Start Date	Analyst	Method
4,4'-DDE	Below det lim	ug/Kg	21	4/8/2003	TG	SW846 8081A
4,4'-DDT	Below det lim	ug/Kg	21	4/8/2003	TG	SW846 8081A
Dieldrin	Below det lim	ug/Kg	21	4/8/2003	TG	SW846 8081A
Endosulfan I	Below det lim	ug/Kg	21	4/8/2003	TG	SW846 8081A
Endosulfan II	Below det lim	ug/Kg	21	4/8/2003	TG	SW846 8081A
Endosulfan sulfate	Below det lim	ug/Kg	21	4/8/2003	TG	SW846 8081A
Endrin	Below det lim	ug/Kg	21	4/8/2003	TG	SW846 8081A
Endrin aldehyde	Below det lim	ug/Kg	21	4/8/2003	TG	SW846 8081A
Heptachlor	Below det lim	ug/Kg	21	4/8/2003	TG	SW846 8081A
Methoxychlor	Below det lim	ug/Kg	40	4/8/2003	TG	SW846 8081A
Heptachlor epoxide	Below det lim	ug/Kg	21	4/8/2003	TG	SW846 8081A
Toxaphene	Below det lim	ug/Kg	200	4/8/2003	TG	SW846 8081A
4,4'-DB-OF-Biphenyl (%SR)	76	ug/Kg	0.	4/8/2003	TG	SW846 8081A
Decachlorobiphenyl (%SR)	85	ug/Kg	0.	4/8/2003	TG	SW846 8081A
Polychlorinated Biphenyls by GC						
PCB-1016	Below det lim	ug/Kg	84	4/8/2003	TG	SW846 8082
PCB-1221	Below det lim	ug/Kg	84	4/8/2003	TG	SW846 8082
PCB-1232	Below det lim	ug/Kg	84	4/8/2003	TG	SW846 8082
PCB-1242	Below det lim	ug/Kg	84	4/8/2003	TG	SW846 8082
PCB-1248	Below det lim	ug/Kg	84	4/8/2003	TG	SW846 8082
PCB-1254	Below det lim	ug/Kg	84	4/8/2003	TG	SW846 8082
PCB-1260	Below det lim	ug/Kg	84	4/8/2003	TG	SW846 8082
4,4'-DB-OF-Biphenyl (%SR)	76	ug/Kg	0.00	4/8/2003	TG	SW846 8082
Decachlorobiphenyl (%SR)	85	ug/Kg	0.00	4/8/2003	TG	SW846 8082
Metals Preparation						
Mercury Digestion	Completed			4/8/2003	KL	EPA 245.2
Mercury Digestion on Leachate	Completed			4/8/2003	LK	EPA 245.2
Metals Digestion	Completed			4/8/2003	KL	EPA 200.7
Metals Digestion on Leachate	Completed			4/8/2003	LK	EPA 200.7
Metals Analysis						
TCLP Mercury	Below det lim	mg/L	0.0004	4/9/2003	LRR	1311/7470A
TCLP RCRA8 Metals						
TCLP Arsenic	Below det lim	mg/L	0.015	4/9/2003	RER	1311/200.7
TCLP Barium	0.0497	mg/L	0.005	4/9/2003	RER	1311/200.7
TCLP Cadmium	Below det lim	mg/L	0.0025	4/9/2003	RER	1311/200.7
TCLP Chromium	Below det lim	mg/L	0.005	4/9/2003	RER	1311/200.7
TCLP Lead	Below det lim	mg/L	0.0075	4/9/2003	RER	1311/200.7
TCLP Selenium	Below det lim	mg/L	0.015	4/9/2003	RER	1311/200.7
TCLP Silver	Below det lim	mg/L	0.010	4/9/2003	RER	1311/200.7
Total RCRA8 Metals						
Total Arsenic	Below det lim	mg/Kg	2.78	4/8/2003	CRE	EPA 200.7

Lab ID No: AD76952

Client Id: W-1

Collection Date: 4/3/2003

Matrix Wood

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Total Barium	6.02	mg/Kg	0.927	4/8/2003	CRE	EPA 200.7
Total Cadmium	Below det lim	mg/Kg	0.464	4/8/2003	CRE	EPA 200.7
Total Chromium	1.26	mg/Kg	0.927	4/8/2003	CRE	EPA 200.7
Total Lead	11.7	mg/Kg	1.39	4/8/2003	CRE	EPA 200.7
Total Selenium	Below det lim	mg/Kg	2.78	4/8/2003	CRE	EPA 200.7
Total Silver	Below det lim	mg/Kg	1.85	4/8/2003	CRE	EPA 200.7
Total Mercury	Below det lim	mg/Kg	0.177	4/9/2003	LRR	SW846 7471A
TCLP/SPLP Preparation						
TCLP Extraction for Metals	Completed			4/7/2003	KP	SW846 1311
TCLP Extraction for SVOCs	Completed			4/14/2003	KP	SW846 1311

Parameter	Results	Units	PQL	Start Date	Analyst	Method
VOC Preparation						
VOC Extraction (solid)						
Extraction Technique	Lab ext			4/7/2003	SS	
Sample Introduction SW846 5030	Completed			4/7/2003	SS	
Sample Introduction SW846 5035	na			4/7/2003	SS	
Sample Introduction SW846 5035 Mod	na			4/7/2003	SS	
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/Kg	251000	4/8/2003	TR	SW846 8260B
Acrylonitrile	Below det lim	ug/Kg	12600	4/8/2003	TR	SW846 8260B
Benzene	Below det lim	ug/Kg	12600	4/8/2003	TR	SW846 8260B
Bromobenzene	Below det lim	ug/Kg	12600	4/8/2003	TR	SW846 8260B
Bromochloromethane	Below det lim	ug/Kg	12600	4/8/2003	TR	SW846 8260B
Bromodichloromethane	Below det lim	ug/Kg	12600	4/8/2003	TR	SW846 8260B
Bromoform	Below det lim	ug/Kg	12600	4/8/2003	TR	SW846 8260B
Bromomethane	Below det lim	ug/Kg	25100	4/8/2003	TR	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/Kg	126000	4/8/2003	TR	SW846 8260B
n-Butylbenzene	Below det lim	ug/Kg	12600	4/8/2003	TR	SW846 8260B
sec-Butylbenzene	Below det lim	ug/Kg	12600	4/8/2003	TR	SW846 8260B
tert-Butylbenzene	Below det lim	ug/Kg	12600	4/8/2003	TR	SW846 8260B
Carbon disulfide	Below det lim	ug/Kg	62800	4/8/2003	TR	SW846 8260B
Carbon tetrachloride	Below det lim	ug/Kg	12600	4/8/2003	TR	SW846 8260B
Chlorobenzene	Below det lim	ug/Kg	12600	4/8/2003	TR	SW846 8260B
Chloroethane	Below det lim	ug/Kg	25100	4/8/2003	TR	SW846 8260B
Chloroform	Below det lim	ug/Kg	12600	4/8/2003	TR	SW846 8260B
Chloromethane	Below det lim	ug/Kg	25100	4/8/2003	TR	SW846 8260B
2-Chlorotoluene	Below det lim	ug/Kg	12600	4/8/2003	TR	SW846 8260B
4-Chlorotoluene	Below det lim	ug/Kg	12600	4/8/2003	TR	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/Kg	25100	4/8/2003	TR	SW846 8260B
Dibromochloromethane	Below det lim	ug/Kg	12600	4/8/2003	TR	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/Kg	12600	4/8/2003	TR	SW846 8260B
Dibromomethane	Below det lim	ug/Kg	12600	4/8/2003	TR	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/Kg	12600	4/8/2003	TR	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/Kg	12600	4/8/2003	TR	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/Kg	12600	4/8/2003	TR	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/Kg	25100	4/8/2003	TR	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/Kg	12600	4/8/2003	TR	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/Kg	12600	4/8/2003	TR	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/Kg	12600	4/8/2003	TR	SW846 8260B
cis-1,2-Dichloroethene	Below det lim	ug/Kg	12600	4/8/2003	TR	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/Kg	12600	4/8/2003	TR	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/Kg	12600	4/8/2003	TR	SW846 8260B

Parameter	Results	Units	PQL	Start Date	Analyst	Method
1,3-Dichloropropane	Below det lim	ug/Kg	12600	4/8/2003	TR	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/Kg	12600	4/8/2003	TR	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/Kg	12600	4/8/2003	TR	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/Kg	12600	4/8/2003	TR	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/Kg	12600	4/8/2003	TR	SW846 8260B
Ethylbenzene	Below det lim	ug/Kg	12600	4/8/2003	TR	SW846 8260B
Hexachlorobutadiene	Below det lim	ug/Kg	12600	4/8/2003	TR	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/Kg	126000	4/8/2003	TR	SW846 8260B
Isopropylbenzene	Below det lim	ug/Kg	12600	4/8/2003	TR	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/Kg	12600	4/8/2003	TR	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/Kg	12600	4/8/2003	TR	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/Kg	126000	4/8/2003	TR	SW846 8260B
Methylene chloride	Below det lim	ug/Kg	80000	4/8/2003	TR	SW846 8260B
Naphthalene	3,197,100	ug/Kg	12600	4/8/2003	TR	SW846 8260B
n-Propylbenzene	Below det lim	ug/Kg	12600	4/8/2003	TR	SW846 8260B
Styrene	Below det lim	ug/Kg	12600	4/8/2003	TR	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/Kg	12600	4/8/2003	TR	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/Kg	12600	4/8/2003	TR	SW846 8260B
Tetrachloroethene (PCE)	Below det lim	ug/Kg	12600	4/8/2003	TR	SW846 8260B
Toluene	Below det lim	ug/Kg	12600	4/8/2003	TR	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/Kg	12600	4/8/2003	TR	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/Kg	12600	4/8/2003	TR	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/Kg	12600	4/8/2003	TR	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/Kg	12600	4/8/2003	TR	SW846 8260B
Trichloroethene (TCE)	Below det lim	ug/Kg	12600	4/8/2003	TR	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/Kg	12600	4/8/2003	TR	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/Kg	12600	4/8/2003	TR	SW846 8260B
1,2,4-Trimethylbenzene	23,300	ug/Kg	12600	4/8/2003	TR	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/Kg	12600	4/8/2003	TR	SW846 8260B
Vinyl chloride	Below det lim	ug/Kg	12600	4/8/2003	TR	SW846 8260B
m,p-Xylenes	Below det lim	ug/Kg	25100	4/8/2003	TR	SW846 8260B
o-Xylene	Below det lim	ug/Kg	12600	4/8/2003	TR	SW846 8260B
4-Bromofluorobenzene (%SR)	98	ug/Kg	0.000	4/8/2003	TR	SW846 8260B
1,4-Difluorobenzene (%SR)	na	ug/Kg	0.000	4/8/2003	TR	SW846 8260B
Chlorobenzene-d5 (%SR)	na	ug/Kg	0.000	4/8/2003	TR	SW846 8260B
Dibromofluoromethane (%SR)	102	ug/Kg	0.000	4/8/2003	TR	SW846 8260B
1,2-Dichloroethane-d4 (%SR)	104	ug/Kg	0.000	4/8/2003	TR	SW846 8260B
Toluene-d8 (%SR)	100	ug/Kg	0.000	4/8/2003	TR	SW846 8260B
TPH Preparation						
Ultrasonic Extraction	Completed			4/8/2003	RT	SW846 3550B

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Matrix Wood

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Extractable TPH						
Total Petroleum Hydrocarbons (C9-C36)	14,000	mg/Kg	50	4/8/2003	JD	CT ETPH
Gasoline	Below det lim	mg/Kg	50	4/8/2003	JD	CT ETPH
Fuel Oil #2	Below det lim	mg/Kg	50	4/8/2003	JD	CT ETPH
Fuel Oil #4	Below det lim	mg/Kg	50	4/8/2003	JD	CT ETPH
Fuel Oil #6	Below det lim	mg/Kg	50	4/8/2003	JD	CT ETPH
Motor Oil	Below det lim	mg/Kg	50	4/8/2003	JD	CT ETPH
Aviation Fuel	Below det lim	mg/Kg	50	4/8/2003	JD	CT ETPH
Unidentified	14,000	mg/Kg	50	4/8/2003	JD	CT ETPH
Other Oil	*	mg/Kg	50	4/8/2003	JD	CT ETPH
1-Chloro-octadecane (%SR)	42	mg/Kg	0.	4/8/2003	JD	CT ETPH
SVOC Preparation						
Separatory Funnel Extraction on Leachate	Completed			4/16/2003	AAS	SW846 3510C
Ultrasonic Extraction	Completed			4/8/2003	AM	SW846 3550B
Semivolatile Organic Compounds						
PAHs by GC/MS						
Naphthalene	170,000	ug/Kg	543	4/8/2003	MSL	SW846 8270C
2-Methylnaphthalene	150,000	ug/Kg	543	4/8/2003	MSL	SW846 8270C
1-Methylnaphthalene	79,000	ug/Kg	543	4/8/2003	MSL	SW846 8270C
Acenaphthylene	9,000	ug/Kg	543	4/8/2003	MSL	SW846 8270C
Acenaphthene	410,000	ug/Kg	543	4/8/2003	MSL	SW846 8270C
Fluorene	530,000	ug/Kg	543	4/8/2003	MSL	SW846 8270C
Phenanthrene	2,120,000	ug/Kg	543	4/8/2003	MSL	SW846 8270C
Anthracene	560,000	ug/Kg	543	4/8/2003	MSL	SW846 8270C
Fluoranthene	1,400,000	ug/Kg	543	4/8/2003	MSL	SW846 8270C
Pyrene	950,000	ug/Kg	543	4/8/2003	MSL	SW846 8270C
Benzo (a) anthracene	150,000	ug/Kg	543	4/8/2003	MSL	SW846 8270C
Chrysene	180,000	ug/Kg	543	4/8/2003	MSL	SW846 8270C
Benzo (b) fluoranthene	84,000	ug/Kg	543	4/8/2003	MSL	SW846 8270C
Benzo (k) fluoranthene	59,000	ug/Kg	543	4/8/2003	MSL	SW846 8270C
Benzo (a) pyrene	39,000	ug/Kg	543	4/8/2003	MSL	SW846 8270C
Indeno (1,2,3-cd) pyrene	11,000	ug/Kg	543	4/8/2003	MSL	SW846 8270C
Dibenzo (a,h) anthracene	1,800	ug/Kg	543	4/8/2003	MSL	SW846 8270C
Benzo (g,h,i) perylene	8,500	ug/Kg	543	4/8/2003	MSL	SW846 8270C
2-Fluorobiphenyl (%SR)	73	ug/Kg	0.000	4/8/2003	MSL	SW846 8270C
Terphenyl-d14 (%SR)	89	ug/Kg	0.000	4/8/2003	MSL	SW846 8270C
Phenols by GC/MS						
Phenol	Below det lim	ug/Kg	540	4/16/2003	MB	SW846 8270C
2-Chlorophenol	Below det lim	ug/Kg	540	4/16/2003	MB	SW846 8270C
2-Methylphenol (o-cresol)	Below det lim	ug/Kg	540	4/16/2003	MB	SW846 8270C
4-Methylphenol (p-cresol)	Below det lim	ug/Kg	540	4/16/2003	MB	SW846 8270C

Parameter	Results	Units	PQL	Start Date	Analyst	Method
2-Nitrophenol	Below det lim	ug/Kg	540	4/16/2003	MB	SW846 8270C
2,4-Dimethylphenol	Below det lim	ug/Kg	540	4/16/2003	MB	SW846 8270C
2,4-Dichlorophenol	Below det lim	ug/Kg	540	4/16/2003	MB	SW846 8270C
4-Chloro-3-methylphenol	Below det lim	ug/Kg	540	4/16/2003	MB	SW846 8270C
2,4,6-Trichlorophenol	Below det lim	ug/Kg	540	4/16/2003	MB	SW846 8270C
2,4,5-Trichlorophenol	Below det lim	ug/Kg	540	4/16/2003	MB	SW846 8270C
2,6-Dichlorophenol	Below det lim	ug/Kg	540	4/16/2003	MB	SW846 8270C
4-Nitrophenol	Below det lim	ug/Kg	540	4/16/2003	MB	SW846 8270C
2,4-Dinitrophenol	Below det lim	ug/Kg	540	4/16/2003	MB	SW846 8270C
4,6-Dinitro-2-methylphenol	Below det lim	ug/Kg	540	4/16/2003	MB	SW846 8270C
Pentachlorophenol	Below det lim	ug/Kg	540	4/16/2003	MB	SW846 8270C
3-Methylphenol (m-cresol)	Below det lim	ug/Kg	540	4/16/2003	MB	SW846 8270C
2-Fluorophenol (%SR)	69		0.	4/16/2003	MB	SW846 8270C
Phenol-d5 (%SR)	77		0.	4/16/2003	MB	SW846 8270C
TCLP Semivolatiles						
Phenol	Below det lim	ug/L	5.0	4/16/2003	MB	1311/8270C
2-Chlorophenol	Below det lim	ug/L	5.0	4/16/2003	MB	1311/8270C
2-Methylphenol (o-cresol)	Below det lim	ug/L	5.0	4/16/2003	MB	1311/8270C
3-Methylphenol (m-cresol)	Below det lim	ug/L	5.0	4/16/2003	MB	1311/8270C
4-Methylphenol (p-cresol)	Below det lim	ug/L	5.0	4/16/2003	MB	1311/8270C
2-Nitrophenol	Below det lim	ug/L	5.0	4/16/2003	MB	1311/8270C
2,4-Dimethylphenol	Below det lim	ug/L	5.0	4/16/2003	MB	1311/8270C
2,4-Dichlorophenol	Below det lim	ug/L	5.0	4/16/2003	MB	1311/8270C
4-Chloro-3-methylphenol	Below det lim	ug/L	5.0	4/16/2003	MB	1311/8270C
2,4,6-Trichlorophenol	Below det lim	ug/L	5.0	4/16/2003	MB	1311/8270C
2,4,5-Trichlorophenol	Below det lim	ug/L	5.0	4/16/2003	MB	1311/8270C
2,4-Dinitrophenol	Below det lim	ug/L	5.0	4/16/2003	MB	1311/8270C
4-Nitrophenol	Below det lim	ug/L	5.0	4/16/2003	MB	1311/8270C
4,6-Dinitro-2-methylphenol	Below det lim	ug/L	5.0	4/16/2003	MB	1311/8270C
Pentachlorophenol	Below det lim	ug/L	5.0	4/16/2003	MB	1311/8270C
2-Fluorophenol (%SR)	64	ug/L	0.	4/16/2003	MB	1311/8270C
Phenol-d5 (%SR)	68	ug/L	0.	4/16/2003	MB	1311/8270C
2,4,6-Tribromophenol (%SR)	63	ug/L	0.	4/16/2003	MB	1311/8270C
Semivolatile Organic Compounds						
Organochlorine Pesticides by GC						
Aldrin	Below det lim	ug/Kg	15	4/8/2003	TG	SW846 8081A
alpha-BHC	Below det lim	ug/Kg	15	4/8/2003	TG	SW846 8081A
beta-BHC	Below det lim	ug/Kg	15	4/8/2003	TG	SW846 8081A
delta-BHC	Below det lim	ug/Kg	15	4/8/2003	TG	SW846 8081A
gamma-BHC (Lindane)	Below det lim	ug/Kg	15	4/8/2003	TG	SW846 8081A
Chlordane	Below det lim	ug/Kg	60	4/8/2003	TG	SW846 8081A
4,4'-DDD	Below det lim	ug/Kg	15	4/8/2003	TG	SW846 8081A

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Matrix Wood

Parameter	Results	Units	PQL	Start Date	Analyst	Method
4,4'-DDE	Below det lim	ug/Kg	15	4/8/2003	TG	SW846 8081A
4,4'-DDT	Below det lim	ug/Kg	15	4/8/2003	TG	SW846 8081A
Dieldrin	Below det lim	ug/Kg	15	4/8/2003	TG	SW846 8081A
Endosulfan I	Below det lim	ug/Kg	15	4/8/2003	TG	SW846 8081A
Endosulfan II	Below det lim	ug/Kg	15	4/8/2003	TG	SW846 8081A
Endosulfan sulfate	Below det lim	ug/Kg	15	4/8/2003	TG	SW846 8081A
Endrin	Below det lim	ug/Kg	15	4/8/2003	TG	SW846 8081A
Endrin aldehyde	Below det lim	ug/Kg	15	4/8/2003	TG	SW846 8081A
Heptachlor	Below det lim	ug/Kg	15	4/8/2003	TG	SW846 8081A
Methoxychlor	Below det lim	ug/Kg	30	4/8/2003	TG	SW846 8081A
Heptachlor epoxide	Below det lim	ug/Kg	15	4/8/2003	TG	SW846 8081A
Toxaphene	Below det lim	ug/Kg	200	4/8/2003	TG	SW846 8081A
4,4'-DB-OF-Biphenyl (%SR)	65	ug/Kg	0.	4/8/2003	TG	SW846 8081A
Decachlorobiphenyl (%SR)	80	ug/Kg	0.	4/8/2003	TG	SW846 8081A
Polychlorinated Biphenyls by GC						
PCB-1016	Below det lim	ug/Kg	62	4/8/2003	TG	SW846 8082
PCB-1221	Below det lim	ug/Kg	62	4/8/2003	TG	SW846 8082
PCB-1232	Below det lim	ug/Kg	62	4/8/2003	TG	SW846 8082
PCB-1242	Below det lim	ug/Kg	62	4/8/2003	TG	SW846 8082
PCB-1248	Below det lim	ug/Kg	62	4/8/2003	TG	SW846 8082
PCB-1254	Below det lim	ug/Kg	62	4/8/2003	TG	SW846 8082
PCB-1260	Below det lim	ug/Kg	62	4/8/2003	TG	SW846 8082
4,4'-DB-OF-Biphenyl (%SR)	65	ug/Kg	0.00	4/8/2003	TG	SW846 8082
Decachlorobiphenyl (%SR)	80	ug/Kg	0.00	4/8/2003	TG	SW846 8082
Metals Preparation						
Mercury Digestion	Completed			4/8/2003	KL	EPA 245.2
Mercury Digestion on Leachate	Completed			4/8/2003	LK	EPA 245.2
Metals Digestion	Completed			4/8/2003	KL	EPA 200.7
Metals Digestion on Leachate	Completed			4/8/2003	LK	EPA 200.7
Metals Analysis						
TCLP Mercury	Below det lim	mg/L	0.0004	4/9/2003	LRR	1311/7470A
TCLP RCRA8 Metals						
TCLP Arsenic	Below det lim	mg/L	0.015	4/9/2003	RER	1311/200.7
TCLP Barium	0.0578	mg/L	0.005	4/9/2003	RER	1311/200.7
TCLP Cadmium	Below det lim	mg/L	0.0025	4/9/2003	RER	1311/200.7
TCLP Chromium	Below det lim	mg/L	0.005	4/9/2003	RER	1311/200.7
TCLP Lead	Below det lim	mg/L	0.0075	4/9/2003	RER	1311/200.7
TCLP Selenium	Below det lim	mg/L	0.015	4/9/2003	RER	1311/200.7
TCLP Silver	Below det lim	mg/L	0.010	4/9/2003	RER	1311/200.7
Total RCRA8 Metals						
Total Arsenic	Below det lim	mg/Kg	2.87	4/8/2003	CRE	EPA 200.7

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Client Id: W-2

Collection Date: 4/3/2003
Matrix Wood

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Total Barium	2.63	mg/Kg	0.956	4/8/2003	CRE	EPA 200.7
Total Cadmium	Below det lim	mg/Kg	0.478	4/8/2003	CRE	EPA 200.7
Total Chromium	Below det lim	mg/Kg	0.956	4/8/2003	CRE	EPA 200.7
Total Lead	10.8	mg/Kg	1.43	4/8/2003	CRE	EPA 200.7
Total Selenium	Below det lim	mg/Kg	2.87	4/8/2003	CRE	EPA 200.7
Total Silver	Below det lim	mg/Kg	1.91	4/8/2003	CRE	EPA 200.7
Total Mercury	Below det lim	mg/Kg	0.173	4/9/2003	LRR	SW846 7471A
TCLP/SPLP Preparation						
TCLP Extraction for Metals	Completed			4/7/2003	KP	SW846 1311
TCLP Extraction for SVOCs	Completed			4/14/2003	KP	SW846 1311