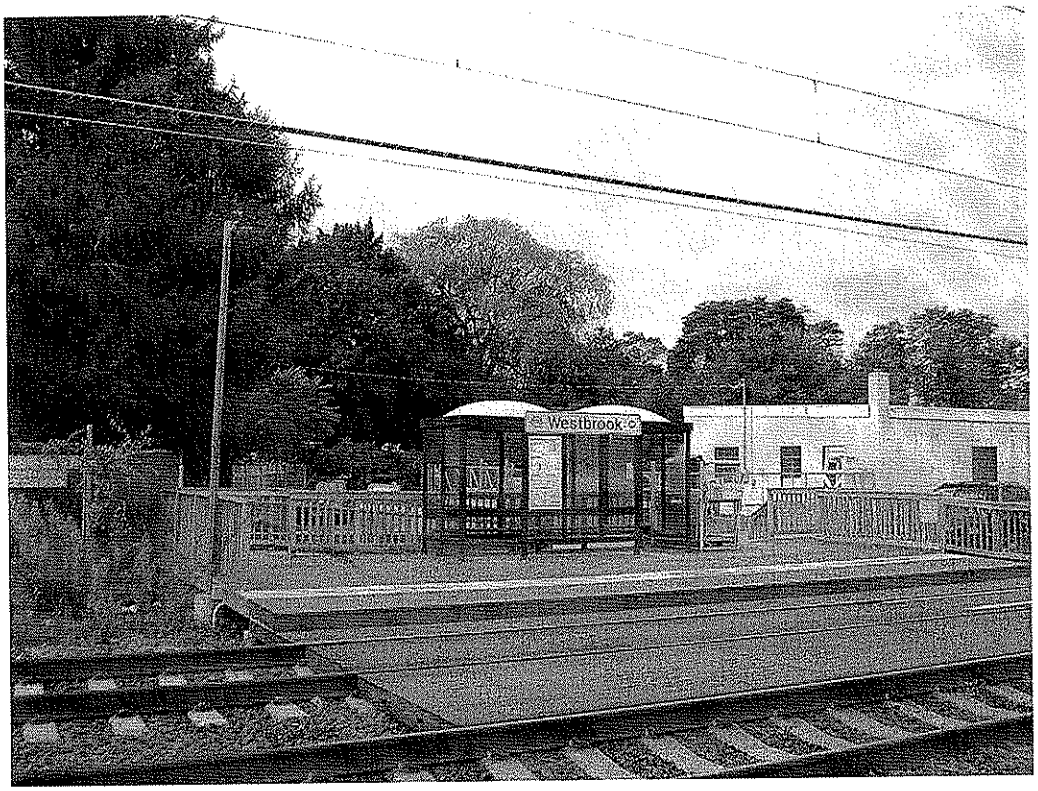
TASK 210 Subsurface Site Investigation



Shore Line East Station Enhancements

Westbrook, CT

Prepared for:
Division of Environmental Compliance
Connecticut Department of Transportation
2800 Berlin Turnpike
Newington, CT 06111

October 2010

ON CALL ENVIRONMENTAL SERVICES
Conn DOT Project No. 310-0048
Assignment No. 304-4066
DTC Project No. 09-188-07E

DIVERSIFIED TECHNOLOGY CONSULTANTS, INC.
HAMDEN, CT ANDOVER, MA

SIGNATURE PAGE

TASK 210 SUBSURFACE SITE INVESTIGATION

SHORE LINE EAST STATION ENHANCEMENTS

WESTBROOK, CONNECTICUT

Joy P. Kloss
Environmental Scientist

Michelle L. Malone
Environmental Project Manager

Richard C. Hathaway, L.E.P.
Manager - Environmental

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1.0 INTRODUCTION

Diversified Technology Consultants, Inc. (DTC) was retained by the State of Connecticut Department of Transportation (ConnDOT) to conduct a Task 210 Subsurface Site Investigation (SSI) in support of ConnDOT Project No. 310-0048, Shore Line East (SLE) Station Enhancements, in Westbrook, Connecticut. This report provides a brief description and history of the project area, a discussion of the local environment and receptors, the investigation rationale, a summary of the data obtained during the investigation, an interpretation of the results with respect to the appropriate regulatory criteria, and recommendations.

1.1 Background and Purpose

The project is located along the northern and southern sides of the Amtrak railroad tracks at the Westbrook SLE Station located at 199 Essex Road in Westbrook, Connecticut. The project will involve construction of high-level boarding platforms at the station and electrical improvements to support the introduction of electrified SLE Commuter Railroad service. The site's location and pertinent features are depicted on Figures 1 and 2.

The purpose of this Task 210 SSI is to collect and review on-site soil and groundwater data in order to characterize the project area with respect to subsurface contamination and to evaluate whether the proposed construction activities may require management of contaminated soil or groundwater.

The potential exists for soil and/or groundwater within the project area to be impacted with volatile organic compounds (VOCs), petroleum hydrocarbons, semi-volatile organic compounds (SVOCs), metals, polychlorinated biphenyls (PCBs), and chlorinated pesticides and herbicides. These constituents of concern (COCs) were selected for analysis as part of this Task 210 SSI because they are common contaminants associated railroad embankments and with the historic use of the adjoining parcels, which include a town garage, concrete manufacturer and distributer, and oil distributing company.

1.2 Previous Environmental Reports

Prior to the preparation of this Task 210 SSI, no environmental investigation reports were completed by ConnDOT for review by DTC.

1.3 Scope of Work

DTC completed this Task 210 SSI pursuant to our task assignment recommendation, dated July 23, 2010, which was approved by ConnDOT. DTC designed the Task 210 SSI activities based on boring locations selected by the geotechnical engineer, GeoDesign Inc. Preliminary project plans were not provided by ConnDOT.

The scope of work for this Task 210 SSI included the following tasks:

- Pre-drilling activities, completed by GeoDesign, included: (1) marking proposed drilling locations, (2) contacting Call-Before-You-Dig to request mark outs of subsurface utilities, and (3) meeting on-site to discuss proposed drilling locations with representatives of Amtrak and other utility companies/agencies;

- Completed an application for and obtained a temporary permit to enter upon Amtrak property;
- Completion of 8 soil borings to a maximum depth of 49 feet below grade using a hollow-stem auger (HSA) drill rig;
- Installation of one groundwater monitoring well;
- Recording lithology and field screening soil samples with a photoionization detector (PID);
- Collection and laboratory analysis of 22 soil samples for one or more of the following:
    - VOCs by EPA Method 8260B;
    - SVOCs by EPA Method 8270;
    - ETPH by Connecticut DEP Method;
    - total RCRA 8 metals by EPA Method 6010B;
    - leachable metals by Synthetic Precipitation Leaching Procedure (SPLP) and/or Toxicity Characteristic Leaching Procedure (TCLP);
    - PCBs by EPA Method 8082;
    - chlorinated pesticides by EPA Method 8081; and
    - chlorinated herbicides by EPA Method 8151.
- Collection and laboratory analysis of one groundwater sample (from a permanent monitoring well) for VOCs by EPA Method 624, SVOCs by EPA 625, TPH by EPA Method 1664, total and dissolved RCRA 8 metals, copper, and zinc by EPA Method 200.7, and PCBs and pesticides by EPA Method 608.

2.0 LOCAL ENVIRONMENT AND RECEPTORS

2.1 Surficial Geology

According to the "Surficial Materials Map of Connecticut", dated 1992, surficial materials of the project area consist of end moraine deposits, which are described as sandy upper till with lenses of stratified sand and gravel within the till and boulders present in some places.

Based on soil samples observed during the boring advancement activities, surficial materials consist of both native and non-native materials (fill). Fill materials consisting of fine to medium, black sand were observed to overlie native material consisting of brown, fine to coarse sand with traces of silt, gravel, cobbles, and boulders. Boring logs are included as Appendix A.

2.2 Bedrock Geology

According to the "Bedrock Geological Map of Connecticut", the project area is underlain by Brimfield Schist, which is described as gray, rusty-weathering, medium to coarse grained, interlayered schist and gneiss. Auger refusal was encountered at depths ranging from approximately 20 to 49 feet below grade. Bedrock outcrops were observed within the immediate vicinity.

2.3 Groundwater

Based on a review of the Water Quality Classifications Map of the Connecticut River and Southcentral Coastal Basins, adopted 1993, DEP has designated groundwater beneath the project area and surrounding area as "GA" quality. Groundwater of this classification is defined by the DEP as groundwater within the area of existing private water supply wells or an area with the potential to provide water to public or private water supply wells. The DEP presumes that groundwater in such an area is, at a minimum, suitable for drinking or other domestic uses without treatment.

During this Task 210 SSI, the groundwater table within the project corridor was observed at one location (RR-32) at depth of 21.65 feet below grade. Based on local surface topography (sloping to the southwest) and the presence of the Patchogue River and Westbrook Harbor, the general direction of groundwater flow is inferred to be toward the west/southwest. Generally, groundwater flows from topographic high to topographic low areas with local changes near bodies of surface water and contrasting rock types. The presence of subsurface structures, impervious surfaces, and the character of the subsurface stratigraphy may also locally influence the direction of groundwater movement.

2.4 Surface Water

The Patchogue River is located approximately 600 feet to the west of the project area. According the above referenced DEP map, the Patchogue River is classified as a "SB" surface water body. The Class "SB" designation indicates a coastal and marine water body known or presumed to meet water quality criteria for marine fish, shellfish, and wildlife habitat, shellfish harvesting for transfer to approved areas for purification prior to human consumption, recreation, and other legitimate uses including navigation.

3.0 FIELD INVESTIGATION AND SAMPLING METHODS

This Task 210 SSI included the advancement of 8 borings, installation of one permanent monitoring well, and collection and laboratory analysis of 21 soil samples and one groundwater sample.

GeoDesign was retained by ConnDOT to collect soil and bedrock samples for geotechnical purposes and to classify the soil and bedrock underlying the site. GeoDesign subcontracted Soil Testing, Inc. (Soil Testing) of Oxford, Connecticut to advance the borings and install the permanent well using a HSA drill rig. DTC was retained by ConnDOT to collect environmental samples from the same borings. The subsurface exploration program was completed between September 8 through 17, 2010.

The soil boring and the monitoring well locations are depicted on Figure 2.

Soil and groundwater samples were analyzed for regulated constituents of concern associated with the railroad embankment and current uses of the adjacent parcels in the vicinity of the project area. Table 1 provides a summary of the sampling rationale and the laboratory analyses requested for each soil and groundwater sample. The following sections summarize the field investigation and sampling methodologies used during this investigation.

3.1 Soil Boring Advancement and Sampling

The borings, identified as RR-31 through RR-38, were advanced to depths ranging from 20 to 49 feet below grade. Soil samples were obtained semi-continuously during advancement of the borings using a stainless-steel, two-foot long split-spoon sampling device. The split-spoon was opened on its horizontal axis to allow inspection, description of lithology, and sampling of the material.

A representative portion of each 2-foot long soil core was immediately collected by the DTC field scientist and placed within a clean polyethylene zip-lock bag for field screening with a PID. The PID was equipped with a 10.6 eV bulb and was calibrated to isobutylene standard gas (100 parts per million). The results of the PID screening are provided on the boring logs, which are included as Appendix A.

Following lithology description, soil samples were collected at approximately 2 foot intervals from each boring. Since the soil underlying the site is classified by ConnDOT as Class "A" soil, GeoDesign required the use of casing instead of augers at depths beyond 12 to 15 feet to ensure the integrity of the nearby Amtrak railroad tracks. After the casing was advanced, Soil Testing used potable water from the Town of Westbrook property, located adjacent to the station, to wash out the interior of the casing. Since the soil below the casing was disturbed due to the introduction of the water, no environmental samples were submitted for laboratory analysis beyond that depth. Casing was advanced in boring RR-34 only after auger refusal was encountered at 32 feet, in order to core through bedrock.

Soil samples from the borings were selected for laboratory analysis based upon the current use of the nearby parcels, visual appearance of the soil, the results of the field screening, and the anticipated construction activities. The samples were submitted to Phoenix Environmental Laboratories, Inc. (Phoenix) of Manchester, Connecticut, a State of Connecticut Department of Public Health certified environmental testing laboratory, using proper preservation techniques and chain of custody control.

3.2 Groundwater Sampling

On September 10, 2010, following soil sampling and bedrock coring, a permanent monitoring well was installed at boring RR-32 by assembling and inserting 1-inch diameter PVC slotted screen and 1-inch diameter PVC riser pipe coupled with a PVC end-cap. A sand pack was installed surrounding the screened section of the well, which extended approximately two feet above the top of the screen. An approximately 6-foot thick bentonite clay seal was installed above the sand pack to limit potential vertical migration of surface water down the borehole. The well was then completed with a manhole cover cemented in place. A monitoring well completion log is included in Appendix A.

After the groundwater in the well was allowed to equilibrate, the well was sampled on September 17, 2010 using a peristaltic pump, set at a low-flow rate, and dedicated tubing. Groundwater was observed in monitoring well RR-32 at approximately 21.65 feet on September 17, 2010.

The groundwater was decanted from the dedicated tubing directly into pre-preserved sample containers provided by the laboratory.

Upon collection, the groundwater sample was immediately placed in a cooler with ice. The sample was submitted to Phoenix using proper preservation techniques and chain of custody control.

4.0 REGULATORY CRITERIA

The soil and groundwater analytical results were compared to the numeric criteria listed in the Connecticut DEP Remediation Standard Regulations (RSRs), sections 22a-133k-1 through 22a-133k-3 of the Regulations of Connecticut State Agencies, dated January 1996, and to numeric criteria in the DEP Comprehensive List of Approved Additional Polluting Substances Criteria and Alternative Criteria, dated October 24, 2005. The RSRs were developed by the DEP to define the remediation performance standards for soil and groundwater.

The groundwater analytical results were also compared to the maximum contaminant concentration limits listed in the DEP General Permit for Discharge of Groundwater Remediation Wastewater Directly to Surface Water, dated February 9, 2005.

The RSRs apply specifically to sites at which remedial actions are required by the DEP under Chapters 445 or 446k of the Connecticut General Statutes (CGS) such as under an administrative order, subsequent to a transfer of an establishment under CGS Section 22a-134a, and to sites that are enrolled in a Voluntary Remediation Program under CGS Sections 22a-133x or 22a-133y.

The Westbrook SLE Station site is not currently regulated under any of these State statutes. However, DTC used the numeric criteria in the RSRs as guidelines to evaluate the data and to make conclusions regarding concentrations of regulated compounds detected in soil and groundwater. The following sections provide a brief summary of the soil and groundwater criteria utilized during this Task 210 SSI.

4.1 Soil Criteria

Direct Exposure Criteria (DEC)

The DEC are designed to protect human health from risks associated with exposure to pollutants in contaminated soil within 15 feet of the ground surface.

The RSRs provide two sets of DEC, one for residential land use (RES DEC) and another for industrial/commercial land use (I/C DEC). Remediation to the RES DEC is required unless an ELUR has been recorded that restricts residential use. For this project, DTC compared the soil analytical results to the RES DEC and I/C DEC.

Pollutant Mobility Criteria (PMC)

The PMC are designed to protect groundwater quality by reducing or eliminating the potential for migration of pollutants to groundwater from contaminated soil. The RSRs provide two sets of PMC based on the groundwater classification of the site, as designated by DEP. In a "GA" groundwater classification area, the GA PMC apply to soil located from the ground surface to the depth of the seasonal low water table. As the project area is in a "GA" area, DTC compared the soil analytical results to the GA PMC.

4.2 Groundwater Criteria

Groundwater Water Protection Criteria (GWPC)

The GWPC apply to groundwater within "GA" and "GAA" classified areas. The goal of the GWPC is to preserve the designated use of the groundwater resource as an existing or potential future supply of water suitable for drinking or other uses without prior treatment. As the project area is in a "GA" area, DTC compared the groundwater analytical data to the GWPC.

Surface Water Protection Criteria (SWPC)

The SWPC apply to groundwater that discharges to surface water. The goal of the SWPC is to preserve surface water quality to protect both human health and the environment. Site groundwater likely discharges to the Patchogue River; therefore; DTC compared the groundwater analytical results to the SWPC.

Volatilization Criteria (VC)

The VC apply to groundwater located within 15 feet of the ground surface or a building; however the DEP has proposed amending the regulations to include groundwater located within 30 feet of the surface. The goal of the VC is to protect human health from contaminants that may volatilize from impacted groundwater into overlying buildings.

The RSRs provide two sets of VC, one for residential land use and another for industrial/commercial land use. Remediation to the RES VC is required unless an ELUR has been recorded that restricts residential use. For this project, DTC compared the analytical results for groundwater to the RES VC.

DEP General Permit for Discharge of Groundwater Remediation Wastewater Directly to Surface Water Maximum Concentration Limits (MCLs)

The Surface Water Discharge MCLs apply to groundwater remediation wastewater that is discharged to surface water. The potential exists for excavations located within the project corridor to be performed below the water table. In order to evaluate whether groundwater dewatered from various excavation would require special management, DTC compared the groundwater analytical results to the Surface Water Discharge MCLs that apply to discharge to a Class A surface water body.

5.0 SUMMARY AND EVALUATION OF ANALYTICAL DATA

5.1 Soil Sample Analytical Results

Soil analytical results for this Task 210 are summarized in Table 2 along with the regulatory criteria and are discussed below. The soil analytical laboratory reports are included in Appendix B.

ETPH

A total of 20 soil samples were analyzed for ETPH. ETPH was detected above the method detection limit in three soil samples including RR-31 (0-1.4'), RR-31 (2-3.5'), and RR-34 (0-1').

ETPH was not detected at concentrations above the RES DEC of 500 mg/kg or the I/C DEC of 2,500 mg/kg in any of the soil samples.

VOCs

A total of 20 soil samples were analyzed for aromatic and halogenated VOCs by EPA Method 8260. No VOCs were detected above the method detection limits in any of the soil samples obtained during the Task 210 SSI.

SVOCs

A total of 19 soil samples were analyzed for SVOCs by EPA Method 8270. Polynuclear aromatic hydrocarbons (PAHs) were detected above the method detection limits in four samples. PAHs, including benzo(a)anthracene, benzo(a)pyrene, and benzo(b)fluoranthene, were detected at concentrations exceeding the RES DEC and GA PMC, and chrysene was also detected at a concentration exceeding the GA PMC in sample RR-34 (0-1').

Metals

A total of 20 soil samples were analyzed for total RCRA 8 metals and two samples were analyzed for total lead only. As summarized in Table 2, metals were not detected in any of the soil samples at concentrations exceeding the RES DEC and I/C DEC. Lead was detected at concentrations above typical background concentrations in soil samples obtained from borings RR-31 (0-1.4'), RR-31 (2-3.5'), RR-33 (2-3'), RR-34 (0-1'), RR-34 (2-3'), and RR-37 (0.33-2.5'). None of the other metals were detected at concentrations greater than typical background levels.

Soil samples containing elevated concentrations of metals were additionally analyzed for specific leachable metals by SPLP for comparison to the GA PMC. Leachable lead was detected in samples RR-31 (0-1.4'), RR-31 (2-3.5'), RR-31 (5-6.3'), RR-33 (2-3'), RR-34 (0-1'), RR-34 (2-3'), RR-34 (7-8'), and RR-37 (0.33-2.5') at concentrations exceeding the GA PMC of 0.015 mg/l. Leachable arsenic was not detected above the method detection limit in sample RR-34 (0-1'). No other leachable metals were detected in the analyzed samples.

Samples RR-31 (0-1.4') and RR-34 (0-1') were additionally analyzed for leachable lead by TCLP to evaluate whether the soil contained hazardous levels of lead. Leachable lead was detected at concentrations of 0.591 and 0.09 mg/l which do not exceed the RCRA Characteristically Hazardous Waste Regulatory Limit of 5 mg/l.

PCBs

A total of 20 soil samples were analyzed for PCBs by EPA Method 8082. PCBs were not detected above the method detection limits in the soil samples.

Chlorinated Pesticides and Herbicides

A total of seven soil samples were analyzed for chlorinated pesticides and a total of four soil samples were analyzed for herbicides by EPA Method 8081 and 8151, respectively. Chlorinated pesticides and herbicides were not detected above the method detection limits in the soil samples.

5.2 Groundwater Sample Analytical Results

One groundwater sample was submitted for laboratory analysis during this Task 210 SSI. Groundwater analytical results are summarized in Table 3, along with the appropriate regulatory criteria. The groundwater analytical laboratory report is included in Appendix B.

VOCs, SVOCs, TPH, total and dissolved arsenic, cadmium, chromium, mercury, lead, selenium, silver, and copper, PCBs, and pesticides were not detected in the sample above the method detection limits. Total and dissolved barium and zinc were detected above the method detection limits although below the Surface Water Discharge MCLs.

5.3 Quality Assurance (QA)/Quality Control (QC) Results

Soil

Three trip blank samples were prepared at the laboratory and accompanied the soil sample containers from the laboratory, to the site, and back to the laboratory. The purpose of a trip blank sample is to evaluate the potential for cross-contamination during transport. The trip blank samples were analyzed for VOCs. VOCs were not detected in the trip blank samples, indicating that there was likely no cross-contamination of the samples during transportation.

A duplicate soil sample was obtained from one randomly selected soil sample interval to evaluate the accuracy of the laboratory analytical data. The duplicate was obtained from sample RR-32 (5-6.5') was analyzed for VOCs, SVOCs, ETPH, total RCRA 8 metals, and PCBs.

The results indicated that there was a 15.1 Relative Percent Difference (RPD) in the total barium concentrations, a 7.55 RPD in the total chromium concentrations, and a 8.55 RPD in the total lead concentrations, which are less than the 50 RPD allowed for non-aqueous samples according to the DEP Laboratory QA/QC Guidance document, dated May 2009. VOCs, SVOCs, ETPH, and PCBs were not detected in either the original sample RR-32 (5-6.5') or its duplicate.

All analyses were performed per the DEP Reasonable Confidence Protocol (RCP) and meet the RCP requirements. Therefore, all of the soil analytical data meet the requirements for Reasonable Confidence as defined by the DEP.

DTC also thoroughly reviewed the QA/QC report included with the laboratory analytical reports to evaluate the reliability of the analytical data. Please refer to the analytical reports for a detailed narrative discussion of the reliability of the data.

Groundwater

A field blank sample was collected by running de-ionized water through the sampling equipment and into the laboratory provided sample containers. The purpose of a field blank sample is to evaluate the potential for cross-contamination due to the sampling equipment or technique.

The field blank sample was analyzed for VOCs. No constituents were detected in the field blank sample.

A trip blank sample was prepared at the laboratory and accompanied the sample containers from the laboratory, to the site, and back to the laboratory. The purpose of a trip blank sample is to evaluate the potential for cross-contamination during transport. The trip blank sample was analyzed for VOCs. VOCs were not detected in the sample, indicating that there was likely no cross-contamination of the samples during transport.

A duplicate groundwater sample was obtained from the permanent well installed in boring RR-32 to evaluate the accuracy of the laboratory analytical data. The duplicate sample was analyzed for VOCs and TPH only. VOCs and TPH were not detected in either the original sample RR-32 or its duplicate

All analyses were performed per the RCP and meet the RCP requirements. Therefore, all of the groundwater analytical data meet the requirements for Reasonable Confidence as defined by the DEP.

DTC also thoroughly reviewed the QA/QC report included with the laboratory analytical results report to evaluate the reliability of the analytical data. Please refer to the analytical reports for a detailed narrative discussion of the reliability of the data.

6.0 POTENTIAL SOURCES OF CONTAMINATION, RECEPTORS, AND IDENTIFIED PRELIMINARY AREAS OF ENVIRONMENTAL CONCERN

The following provides a summary of the potential sources of soil and groundwater contamination identified during completion of this Task 210 SSI, an evaluation of potential pathways for migration, and the identification of preliminary Areas of Environmental Concern (AOECs) and Low-level Areas of Environmental Concern (LLAOECs) within the project corridor. The identified preliminary soil AOECs are depicted in Figure 2.

AOEC 1 – Contaminated Soil in the Vicinity of Boring RR-31

Leachable lead was detected at concentrations exceeding the GA PMC in soil samples obtained from boring RR-31 at depths ranging from 0 to 3.5 feet below grade. As previously discussed, the project will involve construction of high-level boarding platforms at the station and electrical improvements to support the introduction of electrified SLE Commuter Railroad service. Any soil excavated from this area should be handled as controlled material.

Potential receptors of the impacted soil could include workers involved in the construction activities, particularly during excavation activities.

AOEC 2 – Contaminated Soil in the Vicinity of Borings RR-33, RR-34, and RR-37

Leachable lead was detected at concentrations exceeding the GA PMC in soil samples obtained from borings RR-33, RR-34, and RR-37 at depths ranging from 0 to 8 feet below grade. In addition, PAHs were detected at concentrations exceeding the RES DEC and GA PMC in boring RR-34. Any soil excavated from this area should be handled as controlled material.

Potential receptors of the impacted soil could include workers involved in the construction activities, particularly during excavation activities.

It is unknown whether excavations will be performed below the water table during the project. However, based on the results of this investigation, it is not anticipated that groundwater will be encountered which will require special management or treatment.

7.0 CONCLUSIONS AND RECOMMENDATIONS

Based on the analytical data collected by DTC, two preliminary AOECs were identified within the project corridor, as summarized below:

- Soil within AOEC 1 contains leachable lead at concentrations exceeding the GA PMC.
- Soil within AOEC 2 contains leachable lead at concentrations exceeding the GA PMC and PAHs at concentrations exceeding the RES DEC and GA PMC.

Based on the results of this Task 210 SSI, DTC recommends that a Task 310 – Plans, Specifications, and Estimates be assigned to prepare plans and specifications for the proper management and disposal of contaminated materials that may be excavated, handled, transported, or disposed during construction activities and for the establishment of appropriate worker health and safety protocols.

8.0 LIMITATIONS

All work product and reports provided in connection with the performance of this Task 210 SSI are subject to the following limitations:

This investigation and report were conducted and prepared on behalf of, and for the exclusive use of, ConnDOT.

The observations, findings, and conclusions provided in this report were based on DTC's observations of the site conditions at the time of the investigation.

The conclusions summarized herein are based on the observations and investigations described within this report. Future events at the site or surrounding properties may alter these findings. This Task 210 SSI was designed specifically to evaluate soil and groundwater conditions within the project corridor and did not involve sampling and laboratory analysis of soil vapor, surface water, or sediment. Subsurface conditions beyond the project corridor were not evaluated as part of this Task 210 SSI.

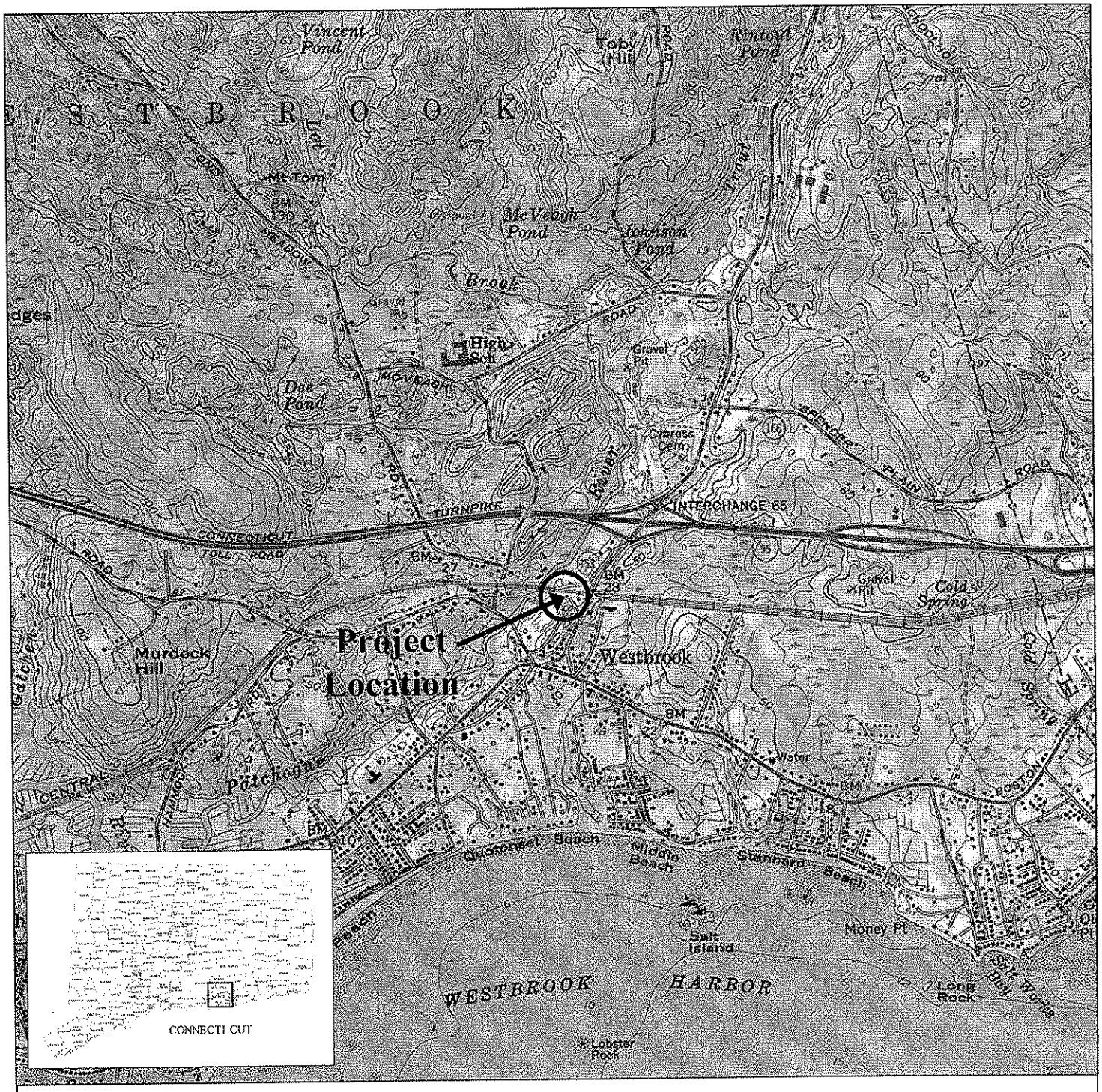
In completing this Task 210 SSI, DTC relied upon information provided by subcontractors (i.e. laboratories and drilling contractors). DTC has relied upon this information carefully; however, DTC provides no warranty regarding the accuracy and completeness of the information provided.

DTC has performed this study in a professional manner using a degree of skill and care exercised for similar projects under similar conditions by reputable and competent environmental consultants. The conclusions provided by DTC are based solely on the scope of work conducted and on observations and limited explorations described within this report at the time these services were conducted. No other warranty, expressed or implied, is made as to the professional opinions included by DTC in this report.

9.0 REFERENCES

1. State of Connecticut Department of Environmental Protection (CTDEP), Remediation Standard Regulations, Sections 22a-133k-1 through –3 of the Regulations of Connecticut State Agencies, effective January 30, 1996. Proposed Revisions, Connecticut's Remediation Standard Regulations, Volatilization Criteria, dated March 2003.
2. CTDEP, "Comprehensive List of Approved Additional Polluting Substances Criteria and Alternative Criteria", dated October 24, 2005.
3. CTDEP, "Water Quality Classifications Map of the Connecticut and Southcentral Coastal Basins", adopted 1993.
4. State of Connecticut Department of Transportation, Division of Environmental Compliance, "On-Call Contaminated Soil/Groundwater Scopes" manual, dated 2003.
5. Rogers, John, USGS, "Bedrock Geological Map of Connecticut", dated 1985.
6. Stone, J., USGS, "Surficial Materials Map of Connecticut", dated 1992.

FIGURES



USGS Quadrangle:, Essex – Map 99
1 inch = 2,000 feet

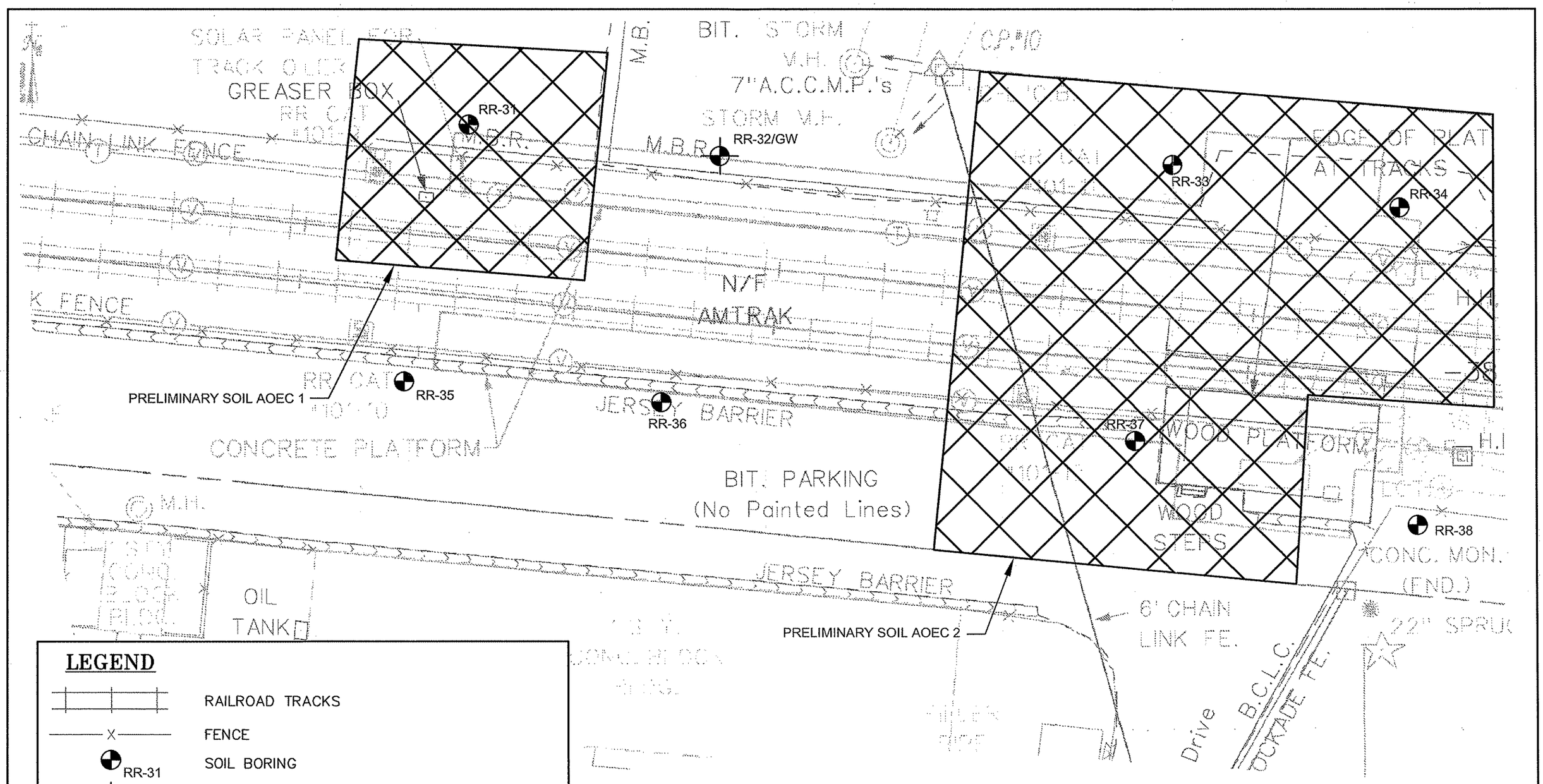
Site Location Map
Shore Line East Station Enhancements
Westbrook, Connecticut

DTC Project No. 09-188-07E

October 2010

Figure 1

Diversified Technology Consultants, Inc.
2321 Whitney Avenue, Suite 301 Hamden CT 06518



LEGEND

	RAILROAD TRACKS
—X—	FENCE
RR-31	SOIL BORING
RR-32/GW	SOIL BORING / MONITORING WELL
	AREA OF ENVIRONMENTAL CONCERN

REFERENCE:
1. "DEPARTMENT OF TRANSPORTATION, SHORE LINE EAST RAILROAD STATIONS, RAILROAD BORING LOCATION PLAN (SLE–4), WESTBROOK, CT" BY: GEODESIGN, INC., DATED 5–18–07, SCALE: 1"=20'

GRAPHIC SCALE

20 0 10 20

(IN FEET)

DTC PROJECT NUMBER: 09-188-07E
DTC DRAWING FILE: P:_ENVIRONMENTAL\DOT 09188\07 WESTBROOK SHORE LINE EAST\ TASK 2\0-211(E-G)\8-SITE PLANS\WESTBROOK\FIGURE2.DWG
SCALE: 1"=20' DRAWN BY: SG
DATE: 10/6/10 CHECKED BY: JK

dtc

DIVERSIFIED TECHNOLOGY CONSULTANTS
2321 Whitney Avenue - Hamden Center II - Hamden CT 06518
Ph: 203 239 4200 Fax: 203 234 7376

SOIL BORING AND GROUNDWATER SAMPLE LOCATIONS

SHORE LINE EAST
RAILROAD STATION
WESTBROOK, CT

FIGURE 2

TABLES

TABLE 1

Sample Location Rationale and Selected Analyses

Task 210 – Subsurface Site Investigation

Shore Line East Station Enhancements

Westbrook, Connecticut

Sample Identification	Sample Interval (feet)	Location Rationale	VOCs (8260)	SVOCs (8270)	ETPH	RCRA 8 Metals	SPLP Pb	TCLP Pb	SPLP As	PCBs (8082)	Pesticides (8081)	Herbicides (8151)
RR-31	0-1.4	Northern Side of Tracks/Vicinity of Proposed Platform	X	X	X	X	X	X		X	X	X
	2-3.5		X	X	X	X	X			X		
	5-6.3					X*	X					
RR-32	5-6.5	Northern Side of Tracks/Vicinity of Proposed Platform	X	X	X	X				X		
	10-11.5		X	X	X	X				X		
RR-33	2-3	Northern Side of Tracks/Vicinity of Proposed Platform	X	X	X	X	X			X	X	
	5-6		X	X	X	X				X		
	12-12.5		X	X	X	X				X		
RR-34	0-1	Northern Side of Tracks/Vicinity of Proposed Platform	X	X	X	X	X	X	X	X	X	
	2-3					X*	X					
	7-8		X	X	X	X	X			X		
	20-21.5		X	X	X	X				X		
RR-35	0.25-1	Southern Side of Tracks/Vicinity of Proposed Platform	X		X	X				X	X	X
	5-5.6		X	X	X	X				X		
	15-16.5		X	X	X	X				X		
RR-36	0.33-2.7	Southern Side of Tracks/Vicinity of Proposed Platform	X	X	X	X				X	X	X
	5-6		X	X	X	X				X		
	10-11.5		X	X	X	X				X		
RR-37	0.33-2.5	Southern Side of Tracks/Vicinity of Proposed Platform and Building	X	X	X	X	X	X		X	X	X
RR-38	0-1.3	Southern Side of Tracks/Vicinity of Proposed Platform and Building	X	X	X	X				X	X	
	5-5.7		X	X	X	X				X		
	10-11		X	X	X	X				X		
Duplicate RR-32 (5-6.5)			X	X	X	X				X		

Notes:

* Analyzed for Total Pb only.

TABLE 1

Sample Location Rationale and Selected Analyses

Task 210 – Subsurface Site Investigation
Shore Line East Station Enhancements
Westbrook, Connecticut

Sample Identification	Sample Interval (feet)	Location Rationale	VOCs (624)	SVOCs (625)	TPH (1664)	PCBs and Pesticides (608)	Total RCRA 8 Metals (200.7)	Dissolved RCRA 8 Metals (200.7)
RR-32/GW	--	Northern Side of Tracks/Vicinity of Proposed Platform	X	X	X	X	X	X

TABLE 2

Soil Sample Analytical Results

Task 210 - Subsurface Site Investigation
Shore Line East Station Enhancements
Westbrook, Connecticut

Parameters	Remediation Standard Regulations			sample #	RR-36	RR-36	RR-36	RR-37	RR-38	RR-38	RR-38	Trip	Trip	Trip
					0.33-2.7'	5-6'	10-11.5'	0.33-2.5'	0-1.3'	5-5.7'	10-11'	Blank	Blank	Blank
	RES DEC	I/C DEC	GA PMC		9/15/10	9/15/10	9/16/10	9/14/10	9/17/10	9/17/10	9/17/10	9/10/10 to 9/13/10	9/14/10 to 9/16/10	9/17/10
VOCs per EPA 8260 (mg/kg)	Various	Various	Various		--	--	--	--	--	--	--	--	--	--
SVOCs per EPA 8270 (mg/kg)	Various	Various	Various									*NA*	*NA*	*NA*
Benzo (a) anthracene	1	7.8	1		--	--	--	--	--	--	--			
Benzo (a) pyrene	1	1	1		--	--	--	--	--	--	--			
Benzo (b) fluoranthene	1	7.8	1		--	--	--	--	--	--	--			
Benzo (g,h,i) perylene	1,000	2,500	4		--	--	--	--	--	--	--			
Benzo (k) fluoranthene	8.4	78	1		--	--	--	--	--	--	--			
Chrysene	84	780	1		--	--	--	--	--	--	--			
Dibenzo (a,h) anthracene	1	1	1		--	--	--	--	--	--	--			
Fluoranthene	1,000	2,500	5.6		--	--	--	--	--	--	--			
Indeno (1,2,3-cd) pyrene	1	7.8	1		--	--	--	--	--	--	--			
Phenanthrene	1,000	2,500	4		--	--	--	--	--	--	--			
Pyrene	1,000	2,500	4		--	--	--	--	--	--	--			
ETPH per CTDEP method (mg/kg)	500	2,500	500		--	--	--	--	--	--	--	*NA*	*NA*	*NA*
Total 8 RCRA Metals per EPA 6010 & 7471 (mg/kg)												*NA*	*NA*	*NA*
Arsenic	10	10	NE		0.9	--	--	1.3	--	--	--			
Barium	4,700	140,000	NE		38.9	15.5	11.4	70.7	28.2	67	16.9			
Cadmium	34	1,000	NE		--	--	--	--	--	--	--			
Total Chromium	100	100	NE		11.9	5.26	2.03	13.6	11.1	15.7	3.79			
Mercury	20	610	NE		--	--	--	0.5	--	--	--			
Lead	500	1,000	NE		9.3	1.57	1.06	71.5	3.94	11.1	1.72			
Silver	340	10,000	NE		--	--	--	--	--	--	--			
Selenium	340	10,000	NE		--	--	--	--	--	--	--			
SPLP Metals per EPA 6010 (mg/l)					*NA*	*NA*	*NA*		*NA*	*NA*	*NA*	*NA*	*NA*	*NA*
Arsenic	*NA*	*NA*	0.05					*NA*						
Lead	*NA*	*NA*	0.015					**0.031**						
TCLP Metals per EPA 6010 (mg/l)					*NA*	*NA*	*NA*		*NA*	*NA*	*NA*	*NA*	*NA*	*NA*
Lead	*NA*	*NA*	5*					0.02						
PCBs per EPA 8082 (mg/kg)	1	10	*NA*		--	--	--	--	--	--	--	*NA*	*NA*	*NA*
Chlorinated Herbicides per EPA 8151 (mg/kg)	Various	Various	Various		--	*NA*	*NA*	--	*NA*	*NA*	*NA*	*NA*	*NA*	*NA*
Chlorinated Pesticides per EPA 8081 (mg/kg)	Various	Various	Various		--	*NA*	*NA*	--	--	*NA*	*NA*	*NA*	*NA*	*NA*

Notes:
RES DEC = Residential Direct Exposure Criteria.
I/C DEC = Industrial/Commercial Direct Exposure Criteria.
GA PMC = GA Pollutant Mobility Criteria.
VOCs = Volatile Organic Compounds.
SVOCs = Semi-volatile Organic Compounds.
ETPH = Extractable Total Petroleum Hydrocarbons.
SPLP = Synthetic Precipitation Leaching Procedure.
TCLP = Toxicity Characteristic Leaching Procedure.
PCBs = Polychlorinated Biphenyls.
mg/kg = milligrams per kilogram.
mg/l = milligrams per liter.
* RCRA Characteristically Hazardous Waste Regulatory Limit
-- = not detected, see laboratory reports for specific detection limits.
NA = not applicable / not analyzed for this compound.
NE = Criteria not established.
Shaded values indicate an exceedance of the RES DEC.
Bold values indicate an exceedance of the GA PMC.

TABLE 2

Soil Sample Analytical Results

Task 210 - Subsurface Site Investigation
Shore Line East Station Enhancements
Westbrook, Connecticut

Parameters	Remediation Standard Regulations			sample #	RR-31	RR-31	RR-31	RR-32	Duplicate	RR-32	RR-33	RR-33	RR-33	RR-34	RR-34	RR-34	RR-34	RR-35	RR-35	RR-35
					0-1.4'	2-3.5'	5-6.3'	5-6.5'	RR-32 5-6.5'	10-11.5'	2-3'	5-6'	12-12.5'	0-1'	2-3'	7-8'	20-21.5'	0.25-1'	5-5.6'	15-16.5'
	RES DEC	I/C DEC	GA PMC		9/13/10	9/13/10	9/13/10	9/10/10	9/10/10	9/10/10	9/9/10	9/9/10	9/9/10	9/9/10	9/9/10	9/9/10	9/9/10	9/16/10	9/16/10	9/16/10
VOCs per EPA 8260 (mg/kg)	Various	Various	Various		--	--	*NA*	--	--	--	--	--	--	--	*NA*	--	--	--	--	--
SVOCs per EPA 8270 (mg/kg)	Various	Various	Various				*NA*								*NA*			*NA*		
Benzo (a) anthracene	1	7.8	1		--	--		--	--	--	--	--	--	**1.7**		--	0.74		--	--
Benzo (a) pyrene	1	1	1		--	--		--	--	--	--	--	--	**1.3**		--	0.63		--	--
Benzo (b) fluoranthene	1	7.8	1		0.54	--		--	--	--	--	--	--	**2**		0.34	0.98		--	--
Benzo (g,h,i) perylene	1,000	2,500	4		--	--		--	--	--	--	--	--	0.81		--	--		--	--
Benzo (k) fluoranthene	8.4	78	1		--	--		--	--	--	--	--	--	0.78		--	--		--	--
Chrysene	84	780	1		--	--		--	--	--	--	--	--	**1.8**		0.25	0.72		--	--
Dibenzo (a,h) anthracene	1	1	1		--	--		--	--	--	--	--	--	--		--	--		--	--
Fluoranthene	1,000	2,500	5.6		--	--		--	--	--	--	--	--	2.1		0.29	1.3		--	--
Indeno (1,2,3-cd) pyrene	1	7.8	1		--	--		--	--	--	--	--	--	0.75		--	--		--	--
Phenanthrene	1,000	2,500	4		--	--		--	--	--	--	--	--	0.8		--	--		--	--
Pyrene	1,000	2,500	4		--	--		--	--	--	--	--	--	2.1		--	1.1		--	--
ETPH per CTDEP method (mg/kg)	500	2,500	500		220	51	*NA*	--	--	--	--	--	--	50	*NA*	--	--	--	--	--
Total 8 RCRA Metals per EPA 6010 & 7471 (mg/kg)																				
Arsenic	10	10	NE		1.9	--	*NA*	--	--	--	1.3	--	1.7	7.6	*NA*	1.7	--	1	--	--
Barium	4,700	140,000	NE		33.1	37.4	*NA*	10.4	12.1	20.2	38.8	62	43.5	40.3	*NA*	51	33.5	26.9	17.5	44.1
Cadmium	34	1,000	NE		--	--	*NA*	--	--	--	--	--	--	--	*NA*	--	--	--	--	--
Total Chromium	100	100	NE		7.41	9.56	*NA*	2.34	2.17	3.63	14.9	13.7	19	12.3	*NA*	12.7	7.49	9.65	8.17	8.91
Mercury	20	610	NE		0.12	--	*NA*	--	--	--	0.19	--	--	0.27	*NA*	--	--	0.25	--	--
Lead	500	1,000	NE		392	113	1.81	1.12	1.22	1.08	80.9	12.1	6.86	127	54.4	24.1	1.6	13.8	2.7	1.04
Silver	340	10,000	NE		--	--	*NA*	--	--	--	--	--	--	--	*NA*	--	--	--	--	--
Selenium	340	10,000	NE		--	--	*NA*	--	--	--	--	--	--	--	*NA*	--	--	--	--	--
SPLP Metals per EPA 6010 (mg/l)								*NA*	*NA*	*NA*		*NA*	*NA*				*NA*	*NA*	*NA*	*NA*
Arsenic	*NA*	*NA*	0.05		*NA*	*NA*	*NA*				*NA*			--	*NA*	*NA*				
Lead	*NA*	*NA*	0.015		**2.43**	**0.061**	--				**0.271**			**0.176**	**0.063**	**0.038**				
TCLP Metals per EPA 6010 (mg/l)						*NA*	*NA*	*NA*	*NA*	*NA*	*NA*	*NA*	*NA*		*NA*	*NA*	*NA*	*NA*	*NA*	*NA*
Lead	*NA*	*NA*	5*		0.591									0.09						
PCBs per EPA 8082 (mg/kg)	1	10	*NA*		--	--	*NA*	--	--	--	--	--	--	--	*NA*	--	--	--	--	--
Chlorinated Herbicides per EPA 8151 (mg/kg)	Various	Various	Various		--	*NA*	*NA*	*NA*	*NA*	*NA*	*NA*	*NA*	*NA*	*NA*	*NA*	*NA*	*NA*	--	*NA*	*NA*
Chlorinated Pesticides per EPA 8081 (mg/kg)	Various	Various	Various		--	*NA*	*NA*	*NA*	*NA*	*NA*	--	*NA*	*NA*	--	*NA*	*NA*	*NA*	--	*NA*	*NA*

Notes:
RES DEC = Residential Direct Exposure Criteria.
I/C DEC = Industrial/Commercial Direct Exposure Criteria.
GA PMC = GA Pollutant Mobility Criteria.
VOCs = Volatile Organic Compounds.
SVOCs = Semi-volatile Organic Compounds.
ETPH = Extractable Total Petroleum Hydrocarbons.
SPLP = Synthetic Precipitation Leaching Procedure.
TCLP = Toxicity Characteristic Leaching Procedure.
PCBs = Polychlorinated Biphenyls.
mg/kg = milligrams per kilogram.
mg/l = milligrams per liter.
* RCRA Characteristically Hazardous Waste Regulatory Limit
-- = not detected, see laboratory reports for specific detection limits.
NA = not applicable / not analyzed for this compound.
NE = Criteria not established.
Shaded values indicate an exceedance of the RES DEC.
Bold values indicate an exceedance of the GA PMC.

TABLE 3
Groundwater Sample Analytical Results
Task 210 - Subsurface Site Investigation
Shore Line East Station
Westbrook, Connecticut

Parameters	Remediation Standard Regulations				RR-32	Duplicate (RR-32)	Field Blank	Trip Blank
	RES VC	GWPC	SWPC	SW Discharge MCL	9/17/10	9/17/10	9/17/10	9/17/10
Total VOCs per EPA 624 (ug/l)	Various	Various	Various	NE	--	--	--	--
Total SVOCs per EPA 625 (ug/l)	NE	Various	Various	Various	--	*NA*	*NA*	*NA*
TPH per EPA 1664 (ug/l)	NE	100	NE	5,000	--	--	*NA*	*NA*
Total Metals per EPA 200.7 (ug/l)						*NA*	*NA*	*NA*
Arsenic	NE	50	4	0.021	--			
Barium	NE	1,000	NE	24.8	10			
Cadmium	NE	5	6	95.9	--			
Total Chromium	NE	50	1,200	1,000	--			
Mercury	NE	2	0.4	9.7	--			
Lead	NE	15	13	93.6	--			
Silver	NE	36	12	48	--			
Selenium	NE	50	50	390	--			
Copper	NE	1,300	48	480	--			
Zinc	NE	5,000	123	94	5			
Dissolved Metals per EPA 200.7 (ug/l)						*NA*	*NA*	*NA*
Arsenic	NE	50	4	0.021	--			
Barium	NE	1,000	NE	24.8	11			
Cadmium	NE	5	6	95.9	--			
Total Chromium	NE	50	1,200	1,000	--			
Mercury	NE	2	0.4	9.7	--			
Lead	NE	15	13	93.6	--			
Silver	NE	36	12	48	--			
Selenium	NE	50	50	390	--			
Copper	NE	1,300	48	480	--			
Zinc	NE	5,000	123	94	8			
Total PCBs per EPA 608 (ug/l)	NE	Various	Various	0.1	--	*NA*	*NA*	*NA*
Total Pesticides per EPA 608 (ug/l)	NE	Various	Various	Various	--	*NA*	*NA*	*NA*

Notes:
RES VC = Residential Volatilization Criteria
SWPC = Surface Water Protection Criteria.
GWPC = Groundwater Protection Criteria.
SW Discharge MCL = maximum concentration limits listed in the DEP General Permit for Discharge of Groundwater Remediation Wastewater Directly to Surface Water, dated February 9, 2005.
VOCs = Volatile Organic Compounds.
SVOCs = Semi-volatile Organic Compounds.
TPH = Total Petroleum Hydrocarbons.
PCBs = Polychlorinated Biphenyls.
ug/l = micrograms per liter.
-- = not detected, see laboratory reports for specific detection limits (Detection Limit < Criteria).
NA = not analyzed for this parameter.
NE = no criteria established.
Bold and shaded values indicate an exceedance of RSR criteria or the DEP General Permit for Discharge of Groundwater Remediation Wastewater Directly to Surface Water MCLs.

APPENDIX A

Soil Boring Logs and Monitoring Well Completion Diagram

ENGINEERED SOLUTIONS — dtc — LAND STRUCTURES WATER DIVERSIFIED TECHNOLOGY CONSULTANTS	**Subsurface Log**	**Sheet** 1 of 1	***Date started:*** 9-13-10 ***Date Completed:*** 9-13-10	**BORING No. RR-31**
	Project: SLE Station Enhancements Task 210 ***Location:*** Westbrook, CT			***Method of investigation:*** Split Spoon

Project No.: 09-188-07E	***Drilling Co.:*** SoilTesting, Inc.	***Driller:*** Matt	***Drill Rig:*** H.S.A.	***Weather:*** low 60's
P. Manager: Joy Kloss	***Geologist:*** J. Andrew	***D. Helper:*** Dave		

Depth (ft.)	Sample No.	Sample Depth (ft.)	Blows per 6"	"N"	Recovery (in.)	Sample Description	Field Analytical Readings	Groundwater and Other Observations
0-2		0-0.4	4		16	Black organic topsoil		
			18					
	1	0.4-1.4	13			Dark-brown to black F-M SAND, stained	2.9	
			20					
2-4		2-2.4	10		16	Dark-brown to black F-M SAND, stained		
			11					
	2	2.4-3.4	18			Orange brown C-M SAND and GRAVEL	1.8	
			24					
5-7		5-5.2	4		15	Orange brown C-M SAND and GRAVEL		
			9					
	3	5.2-6.3	7			Light brown F SAND, little silt	3.1	
			9					
7-9	4	7-8.4	12		16	Light brown to grey F-M SAND, trace silt	0.4	Groundwater not observed due to introduction of drilling wash water
			7					
			10					
			7					
10-12		10-10.6	9		23	Light brown to grey F-M SAND, trace silt		
			8					
	5	10.6-11.9	10			Light brown F SAND, some silt	0.0	
			11					
15-17		15-15.9	7		11	Light brown to brown F SAND with silt		
			8					
			11					
			14					
20-22		20-21.1	8		13	Light brown to grey F SAND with silt		
			9					
			8					
			13					
25-27		25-25.5	7		14	Light brown F SAND and SILT		
			8					
		25.5-26.2	7			Orange to brown F SAND		
			9					
30-32		30-31.3	10		15	Light brown Clayey SILT, little F sand		
			11					
			11					
			17					
35-37		35-36.9	5		22	Grey to light brown Clayey ILT, trace F sand		
			4					
			3					
			3					
40-42		40-40.3	11		19	Grey brown Clayey SILT, trace F sand		
			20					
		40.3-41.1	13			Brown C-M SAND, trace C Gravel		
			19					
45-47		45-46.7	16		19	Orange brown C-M SAND, with C gravel (Refusal @ 49')		
			17					
			15					
			43			END OF BORING @ 49'		

Sample Types:
S=Split Spoon: _____ T= Shelby Tube: _____
R= Rock Core: _____ O = Other: _____
N = ASTM D1586

Comments:
Drilling wash water introduced at 14 feet, no env samples collected for analysis beyond this point.

DIVERSIFIED TECHNOLOGY CONSULTANTS	Subsurface Log	Sheet 1 of 1	Date started: 9-10-10 Date Completed: 9-10-10	BORING No. RR-32
	Project: SLE Station Enhancements Task 210 Location: Westbrook, CT			Method of investigation: Split Spoon

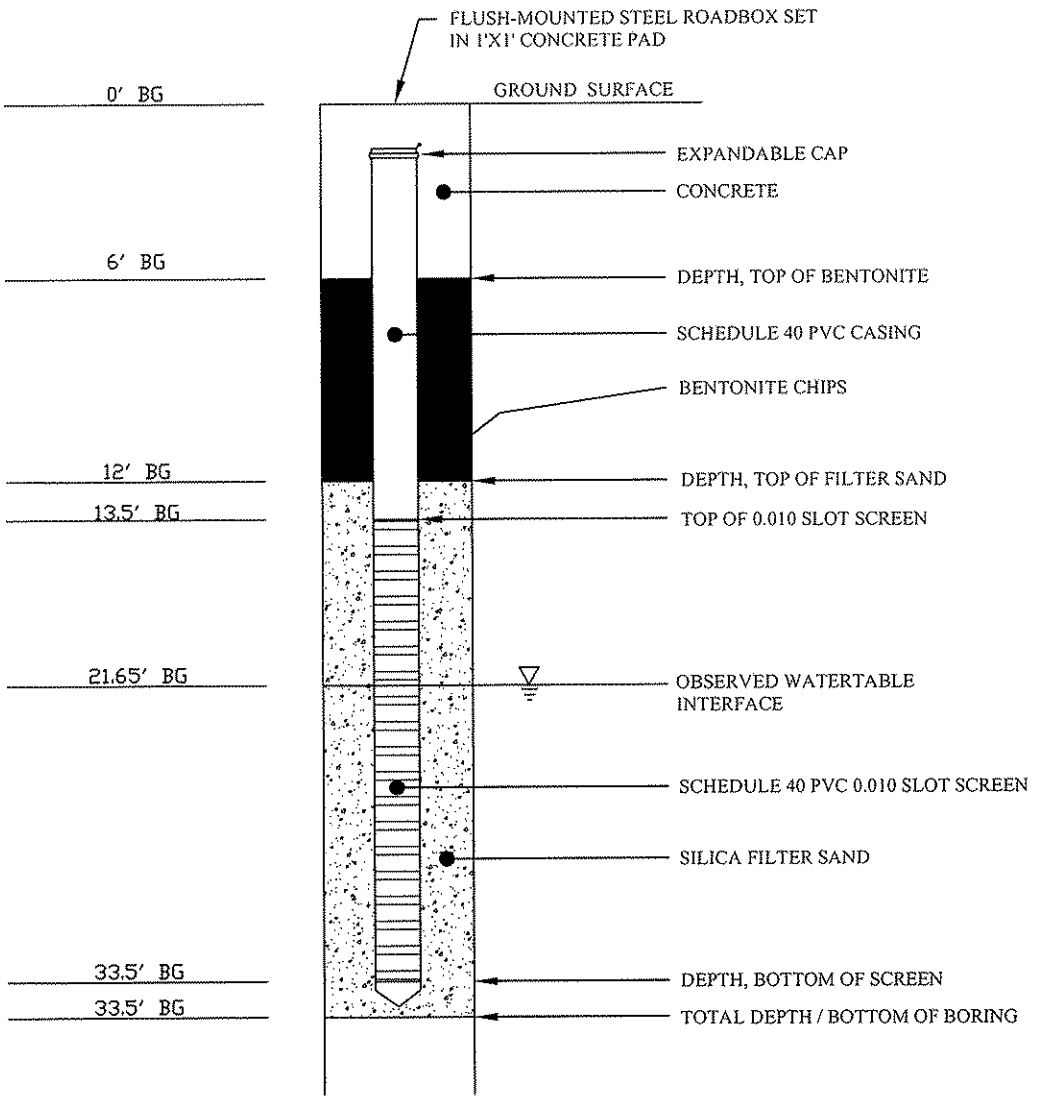
Project No.: 09-188-07E	Drilling Co.: SoilTesting, Inc.	Driller: Matt	Drill Rig: H.S.A.	Weather: low 70's
P. Manager: Joy Kloss	Geologist: Joy Kloss	D. Helper: Dave		

Depth (ft.)	Sample No.	Sample Depth (ft.)	Blows per 6"	"N"	Recovery (in.)	Sample Description	Field Analytical Readings	Groundwater and Other Observations
0-2		0-0.25	19		16	Asphalt		
		0.25-0.6	27			Asphalt/subase		
	1	0.6-1	25			Grey F SAND, little silt	0.0	
			27			Lt Br F-M SAND (minimal sample)		
2-4			20		0			
			21					
			28					
			29					
5-7		5-5.5	6		15	Lt Br F SAND		
			8					
	2	5.5-6.5	9			Lt Br F SAND and SILT	0.0	Duplicate
			10					
7-9	3	7-8.5	11		17	Lt Br F-M SAND, trace silt	0.0	
			11					Groundwater not observed due to introduction of drilling wash water
			13					
			13					
10-12		10-10.5	6		18	Lt Br F SAND		
			6					
	4	10.5-11.5	7			Lt Br F SAND and SILT	0.0	
			7					
15-17		15-15.75	14		11	Lt Br F-M SANT, little silt		
			17					
	5	15.75-16	20			Lt Br SILT, little F sand	0.0	
			21					
20-22	6	20-21	8		17	Md Br F SAND and SILT	0.0	
			11					
			12					
			14					
25-27	7	25-26	10		12	Lt Br F SAND, some silt	0.0	
			11					
			10					
			12					
30-32		30-31	8		24	Grey/Lt Br SILT, little F sand		
			4					
	8	31-32	4			Lt Br Clayey SILT, trace F sand, with bedrock fragments (refusal @ 33.5')	0.0	
			14					
						END OF BORING @ 33.5'		

Sample Types:
S=Split Spoon: _____ T= Shelby Tube: _____
R= Rock Core: _____ O = Other: _____
N = ASTM D1586

Comments:
Drilling wash water introduced at 15 feet, no env samples collected for analysis beyond this point. This boring was completed as a monitoring well.

MONITORING WELL COMPLETION DIAGRAM	SHEET: 1 OF 1	DATE COMPLETED: 9-10-10	WELL I.D.: RR-32/GW
	DRILLING COMPANY: SOIL TESTING, INC.	DRILLER: MATT HELPER: DAVE	DRILL RIG: TRUCK MOUNTED RIG
	DTC GEOLOGIST: JPK	PROJECT MANAGER: J. KLOSS	METHOD OF INVESTIGATION: HSA
BACKFILL WELL KEY: NATIVE BACKFILL, GROUT, BENTONITE, FILTER SAND			WEATHER: LOW 70's



NOT TO SCALE

CONSTRUCTION NOTES:

1-INCH DIAMETER WELL, 20' OF SCREEN, FINISHED WITH ROADBOX. MONITORING WELL WAS SET BY GEODESIGN.

dtc
DIVERSIFIED TECHNOLOGY CONSULTANTS
2321 Whitney Avenue - Hamden Center II - Hamden CT 06518
Ph: 203 239 4200 Fax: 203 234 7376

SLE STATION ENHANCEMENTS
WESTBROOK, CONNECTICUT

DRAWN BY: JK
DATE: 10-11-10

DTC No.: 09-188-07E
DWG. FILE: RR-32.DWG

DIVERSIFIED TECHNOLOGY CONSULTANTS	Subsurface Log	Sheet 1 of 1	Date started: 9-9-10 Date Completed: 9-10-10	BORING No. RR-33
	Project: SLE Station Enhancements Task 210 Location: Westbrook, CT			Method of investigation: Split Spoon

Project No.: 09-188-07E	Drilling Co.: SoilTesting, Inc.	Driller: Matt	Drill Rig: H.S.A.	Weather: low 70's
P. Manager: Joy Kloss	Geologist: Joy Kloss	D. Helper: Dave		

Depth (ft.)	Sample No.	Sample Depth (ft.)	Sample Blows per 6"	Sample "N"	Recovery (in.)	Sample Description	Field Analytical Readings	Groundwater and Other Observations
0-2		0-0.33	18		14	Asphalt		Groundwater not observed due to introduction of drilling wash water
			31					
	1	0.33-1	20			Br-F-M SAND, some F-C gravel, with asphalt	0.0	
			18					
2-4	2	2-3	11		12	Lt Br F-M SAND, little silt	0.0	
			9					
			10					
			24					
5-7	3	5-6	14		9	Lt Br F-M SAND, some F gravel, trace silt	0.0	
			21					
			27					
			14					
7-9	4		13		9	Lt Br F-M SAND, trace F gravel	0.0	
			33					
			20					
			11					
10-12			15		6	Or SILT, trace F sand		
			7					
			7					
			8					
12-14	5	12-12.5	9		5	Or SILT and F SAND, trace C gravel	0.0	
			100/5"					
15-17		15-15.25	15		16	Or F-M SAND Grey SILT Or F-M SAND, trace gravel	0.0	
		15.25-16	24					
	6	16.16.5	24					
			23					
20-22	7	20-20.25	100/3"		3	Or F-C SAND, trace silt and F gravel (refusal @ 20.25 feet)	0.0	
						END OF BORING @ 20.25'		

Sample Types:
S=Split Spoon: _____ T= Shelby Tube: _____
R= Rock Core: _____ O = Other: _____
N = ASTM D1586

Comments:
Drilling wash water introduced at 15 feet, no env samples collected for analysis beyond this point

ENGINEERED SOLUTIONS — LAND STRUCTURES WATER

DIVERSIFIED TECHNOLOGY CONSULTANTS

Subsurface Log

Sheet	Date started: 9-9-10	BORING No. RR-34
1 of 1	Date Completed: 9-9-10	

Project: SLE Station Enhancements Task 210
Location: Westbrook, CT
Method of investigation: Split Spoon

Project No.: 09-188-07E	Drilling Co.: SoilTesting, Inc.	Driller: Matt	Drill Rig: H.S.A.	Weather: mid 70's
P. Manager: Joy Kloss	Geologist: Joy Kloss	D. Helper: Dave		

Depth (ft.)	Sample No.	Sample Depth (ft.)	Blows per 6"	"N"	Recovery (in.)	Sample Description	Field Analytical Readings	Groundwater and Other Observations
0-2	1	0-1	3		12	Blk/Br SAND, trace F gravel (fill)	0.6	Groundwater observed @ 21 feet
			4					
			3					
			4					
2-4	2	2-3	3		11	SAA (minimal sample)	0.4	
			4					
			17					
			46					
5-7	3	5-5.5	8		5	SAA (minimal sample)	0.0	
			20					
			10					
			11					
7-9	4	7-8	8		10	Or F-M SAND, trace silt and F gravel	0.0	
			5					
			5					
			5					
10-12		10-10.5	2		24	Dk Br clayey SILT (moist) Or Br F-M SAND, trace silt (moist) Lt Br F-C SAND	0.0	
		10.5-11.5	5					
	5	11.5-12	10					
			16					
15-17		15-16	4		18	Lt Br F SAND, trace F gravel Or Br F-M SAND	0.0	
			7					
	6	16-16.5	8					
			11					
20-22		20-20.5	4		19	Dk Br F SAND, trace F gravel Lt Br/Or F-C SAND (wet @ 21')	0.0	
			4					
	7	20.5-21.5	4					
			7					
25-27	8	25-26.3	18		16	Lt Br/Or F-M SAND, trace F gravel (wet)	0.0	
			31					
			49					
			73					
30-32		30-31	30		24	Lt Br F-M SAND, trace silt and C grabel (wet) Blk F-M SAND (wet) Or F-C SAND, trace C gravel (refusal @ 32')	0.0	
		31-31.25	43					
	9	31.25-32	66					
			100/0"					
						END OF BORING @ 32'		

Sample Types:
S=Split Spoon: _____ T= Shelby Tube: _____
R= Rock Core: _____ O = Other: _____
N = ASTM D1586

Comments:

ENGINEERED SOLUTIONS — LAND STRUCTURES WATER

DIVERSIFIED TECHNOLOGY CONSULTANTS

Subsurface Log

Sheet 1 of 1

Date started: 9-16-10
Date Completed: 9-16-10

BORING No. RR-35

Project: SLE Station Enhancements Task 210
Location: Westbrook, CT

Method of investigation: Split Spoon

Project No.: 09-188-07E
P. Manager: Joy Kloss
Drilling Co.: SoilTesting, Inc.
Geologist: Joy Kloss
Driller: Matt
D. Helper: Dave
Drill Rig: H.S.A.
Weather: low 70's

Depth (ft.)	Sample No.	Sample Depth (ft.)	Blows per 6"	"N"	Recovery (in.)	Sample Description	Field Analytical Readings	Groundwater and Other Observations
0-2		0-0.25	5		13	Asphalt		Groundwater not observed due to introduction of drilling wash water
			7					
	1	0.25-1	11			Br/Blk M SAND, trace F gravel, with asphalt fragments	0.0	
			28					
2-4			8		0		0.0	
			8					
			5					
			5					
5-7	2	5-5.6	8		7	Br F-M SAND, little silt, trace F gravel	0.0	
			22					
			14					
			12					
7-9	3	7-8	16		12	Or M-C SAND, with cobbles and F gravel	0.0	
			13					
			12					
			15					
10-12	4	10-11	5		9	Lt Br F-M SAND	0.0	
			8					
			100/6"					
15-17		15-15.3	6		15	Lt Br F SAND		
			29					
	5	15.3-16.5	15			Br F SAND and SILT, trace C gravel	0.0	
			14					
						END OF BORING @ 17'		

Sample Types:
S=Split Spoon: _____ T= Shelby Tube: _____
R= Rock Core: _____ O = Other: _____
N = ASTM D1586

Comments:
Drilling wash water introduced at 17 feet, no env samples collected for analysis beyond this point

ENGINEERED SOLUTIONS — LAND STRUCTURES WATER

DIVERSIFIED TECHNOLOGY CONSULTANTS

Subsurface Log

Sheet 1 of 1

Date started: 9-15-10
Date Completed: 9-16-10

BORING No. RR-36

Project: SLE Station Enhancements Task 210
Location: Westbrook, CT

Method of investigation: Split Spoon

Project No.: 09-188-07E
P. Manager: Joy Kloss
Drilling Co.: SoilTesting, Inc.
Geologist: Joy Kloss
Driller: Matt
D. Helper: Dave/Brian
Drill Rig: H.S.A.
Weather: low 70's

Depth (ft.)	Sample No.	Sample Depth (ft.)	Blows per 6"	"N"	Recovery (in.)	Sample Description	Field Analytical Readings	Groundwater and Other Observations
0-2		0-0.16	11		11	Asphalt		Groundwater not observed due to introduction of drilling wash water
			43					
		0.16-0.33	45			Md Br F-M SAND with black fill material		
			18					
2-4	1	2-2.7	12		9	Br M SAND, little F-C gravel	0.0	
			9					
			9					
			12					
5-7		5-5.5	3		13	Or F-M SAND, trace silt		
			3					
	2	5.5-6	5			Lt Br M SAND	0.0	
			6					
7-9		7-7.33	8		17	Or M-C SAND		
			7					
	3	7.33-8.5	6				0.0	
			7			Lt Br F SAND, little M SAND		
10-12		10-10.6	11		18	Or M-C SAND		
			13					
	4	10.6-11.5	13			Lt Br F-M SAND	0.0	
			15					
						END OF BORING @ 12'		

Sample Types:
S=Split Spoon: _____ T= Shelby Tube: _____
R= Rock Core: _____ O = Other: _____
N = ASTM D1586

Comments:
Drilling wash water introduced at 12 feet, no env samples collected for analysis beyond this point

DIVERSIFIED TECHNOLOGY CONSULTANTS	Subsurface Log	Sheet 1 of 1	Date started: 9-15-10 Date Completed: 9-16-10	BORING No. RR-37
	Project: SLE Station Enhancements Task 210 Location: Westbrook, CT			Method of investigation: Split Spoon

Project No.: 09-188-07E	Drilling Co.: SoilTesting, Inc.	Driller: Matt	Drill Rig: H.S.A.	Weather: low 70's
P. Manager: Joy Kloss	Geologist: Joy Kloss	D. Helper: Dave/Brian		

Depth (ft.)	Sample No.	Sample Depth (ft.)	Blows per 6"	"N"	Recovery (in.)	Sample Description	Field Analytical Readings	Groundwater and Other Observations
0-2		0-0.33	6		13	Asphalt Md Br F-M SAND, trace F gravel Blk M SAND (fill) Or Br F-M SAND		
		0.33-0.6	10					
		0.6-0.75	9					
		0.75-1.5	9					
2-4	1	2-2.5	8		5	Lt Br M SAND, trace F gravel with Blk M sand (fill) (boulder refusal @ 2.5'-core through boulder and drive casing)	0.3	Boulder refusal @ 2.5' - Core through boulder and drive casing through boulder)
			11					
			100/1"					
7-9		7-7.75	9		13	Or Br M SAND with bedrock fragments, trace C sand		
			12					
	2	7.75-8	21			Grey/Br F-0M SAND, trace silt and F gravel	0.0	
			19					
10-12			34		0			Groundwater not observed due to introduction of drilling wash water
			19					
			22				0.0	
			25					
12-14	4	12-12.66	25		8	Or Br F-M SAND, little silt		
			24					
			25				0.0	
			30					
15-17		15-15.5	25		11	Or Br M SAND, little silt		
			24					
	5	15.5-16	24			Or Br C-M SAND and rock fragments	0.0	
			27					
20-22	6	20-20.66	25		8	Or Br M SAND, little silt	0.0	
			24					
			27					
			29					
29.5-31.5	7	29.5-30.5	58		11	Or Br M-C SAND, little F gravel/rock fragments (refusal @ 32')	0.0	
			104					
			100/5"					
						END OF BORING @ 32'		

Sample Types:
S=Split Spoon: _____ T= Shelby Tube: _____
R= Rock Core: _____ O = Other: _____
N = ASTM D1586

Comments:
Drilling wash water introduced at 2.5 feet (boulder), no env samples collected for analysis beyond this point

ENGINEERED SOLUTIONS — LAND STRUCTURES WATER

DIVERSIFIED TECHNOLOGY CONSULTANTS

Subsurface Log

Sheet	Date started: 9-17-10	BORING No. RR-38
1 of 1	Date Completed: 9-17-10	

Project: SLE Station Enhancements Task 210
Location: Westbrook, CT
Method of investigation: Split Spoon

Project No.: 09-188-07E	Drilling Co.: SoilTesting, Inc.	Driller: Matt	Drill Rig: H.S.A.	Weather: low 80's
P. Manager: Joy Kloss	Geologist: J. Andrew	D. Helper: Brian		

Depth (ft.)	Sample No.	Sample Depth (ft.)	Blows per 6"	"N"	Recovery (in.)	Sample Description	Field Analytical Readings	Groundwater and Other Observations
0-2		0-0.4	1		15	Black organic topsoil		
			7					
	1	0.4-1.3	4			Brown F-M SAND, little silt, trace gravel	1.2	
			3					
2-4	2	2-2.6	2		6	Brown F-M SAND, trace silt	0.1	
			7					
			10					
			12					
5-7	3	5-5.7	4		7	Brown to Dark Brown F-M SAND, little silt	0.2	
			4					
			3					
			2					
7-9		7-7.5	4		5	Brown F-M SAND, little silt		Groundwater not observed due to introduction of drilling wash water
			4					
			10				0.0	
			10					
10-12	4	10-10.4	5		12	Brown F-M SAND, little silt		
			7					
		10.4-11	9			Orange brown C-M SAND, trace C gravel	0.0	
			10					
15-17		15-15.7	5		16	Orange brown C-M SAND, trace silt, little C gravel		
			5					
	5	15.7-16.4	6			Grey brown SAND and SILT	0.0	
			14					
						END OF BORING @ 18'		

Sample Types:
S=Split Spoon: _____ T= Shelby Tube: _____
R= Rock Core: _____ O = Other: _____
N = ASTM D1586

Comments:
Drilling wash water introduced at 18 feet, no env samples collected for analysis beyond this point

APPENDIX B

Soil and Groundwater Analytical Laboratory Reports

PHOENIX
Environmental Laboratories, Inc.

Thursday, October 07, 2010

Attn: Ms. Joy Kloss
Diversified Tech. Consultants
2321 Whitney Avenue 3rd floor
Hamden Center II
Hamden CT 06518

Project ID: WESTBROOK SLE STATION
Sample ID#s: AZ53005 - AZ53010

This laboratory is in compliance with the QA/QC procedures outlined in EPA 600/4-79-019, Handbook for Analytical Quality in Water and Waste Water, March 1979, SW846 QA/QC and NELAC requirements of procedures used.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Telephone (860) 645-1102 Fax (860) 645-0823

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac
NY # 11301

SDG Comments

October 07, 2010

SDG I.D.: GAZ53005

Version 3: This report is revised to include SPLP Lead on AZ53006

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 07, 2010

FOR: Attn: Ms. Joy Kloss
Diversified Tech. Consultants
2321 Whitney Avenue 3rd floor
Hamden Center II
Hamden CT 06518

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	JK	09/09/10	8:20
Location Code:	DTECHDAS	Received by:	LB	09/10/10	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GAZ53005
Phoenix ID: AZ53005

Project ID: WESTBROOK SLE STATION

Client ID: RR-34 0-1

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.40	0.40	mg/Kg	09/12/10		EK	SW6010
Arsenic	7.6	0.8	mg/Kg	09/12/10		EK	SW6010
Barium	40.3	0.40	mg/Kg	09/12/10		EK	SW6010
Cadmium	< 0.40	0.40	mg/Kg	09/12/10		EK	SW6010
Chromium	12.3	0.40	mg/Kg	09/12/10		EK	SW6010
Mercury	0.27	0.07	mg/Kg	09/13/10		RS	SW-7471
Lead	127	0.40	mg/Kg	09/12/10		EK	SW6010
Selenium	< 1.6	1.6	mg/Kg	09/12/10		EK	SW6010
SPLP Arsenic	< 0.004	0.004	mg/L	09/24/10		TH	E1312/SW6010
SPLP Lead	0.176	0.010	mg/L	09/24/10		TH	E1312/SW6010
TCLP Lead	0.090	0.015	mg/L	09/24/10		TH	E1311/SW6010
Percent Solid	90		%	09/10/10		LK	E160.3
Soil Extraction for PCB	Completed			09/10/10		FB	SW3545
Soil Extraction for Pesticide	Completed			09/10/10		FB/F	SW3545
Soil Extraction for SVOA	Completed			09/10/10		FS/F	SW3545
Extraction of CT ETPH	Completed			09/10/10		FS/F	3545
Mercury Digestion	Completed			09/13/10		X	SW7471
SPLP Extraction for Metals	Completed			09/23/10		X	EPA 1312
TCLP Extraction for Metals	Completed			09/23/10		X	EPA 1311
Total Metals Digest	Completed			09/10/10		C/JA	SW846 - 3050
SPLP Metals Digestion	Completed			09/24/10		X	SW846-3005
TCLP Metals Digestion	Completed			09/24/10		X	SW846 - 3005
Field Extraction	Completed			09/09/10		JK	SW5035
Volatiles							
1,1,1,2-Tetrachloroethane	ND	6.3	ug/Kg	09/13/10		R/P	SW8260
1,1,1-Trichloroethane	ND	6.3	ug/Kg	09/13/10		R/P	SW8260
1,1,2,2-Tetrachloroethane	ND	3.8	ug/Kg	09/13/10		R/P	SW8260

Project ID: WESTBROOK SLE STATION
Client ID: RR-34 0-1

Phoenix I.D.: AZ53005

Parameter	Result	RL	Units	Date	Time	By	Reference
1,1,2-Trichloroethane	ND	6.3	ug/Kg	09/13/10		R/P	SW8260
1,1-Dichloroethane	ND	6.3	ug/Kg	09/13/10		R/P	SW8260
1,1-Dichloroethene	ND	6.3	ug/Kg	09/13/10		R/P	SW8260
1,1-Dichloropropene	ND	6.3	ug/Kg	09/13/10		R/P	SW8260
1,2,3-Trichlorobenzene	ND	6.3	ug/Kg	09/13/10		R/P	SW8260
1,2,3-Trichloropropane	ND	6.3	ug/Kg	09/13/10		R/P	SW8260
1,2,4-Trichlorobenzene	ND	6.3	ug/Kg	09/13/10		R/P	SW8260
1,2,4-Trimethylbenzene	ND	6.3	ug/Kg	09/13/10		R/P	SW8260
1,2-Dibromo-3-chloropropane	ND	6.3	ug/Kg	09/13/10		R/P	SW8260
1,2-Dichlorobenzene	ND	6.3	ug/Kg	09/13/10		R/P	SW8260
1,2-Dichloroethane	ND	6.3	ug/Kg	09/13/10		R/P	SW8260
1,2-Dichloropropane	ND	6.3	ug/Kg	09/13/10		R/P	SW8260
1,3,5-Trimethylbenzene	ND	6.3	ug/Kg	09/13/10		R/P	SW8260
1,3-Dichlorobenzene	ND	6.3	ug/Kg	09/13/10		R/P	SW8260
1,3-Dichloropropane	ND	6.3	ug/Kg	09/13/10		R/P	SW8260
1,4-Dichlorobenzene	ND	6.3	ug/Kg	09/13/10		R/P	SW8260
2,2-Dichloropropane	ND	6.3	ug/Kg	09/13/10		R/P	SW8260
2-Chlorotoluene	ND	6.3	ug/Kg	09/13/10		R/P	SW8260
2-Hexanone	ND	32	ug/Kg	09/13/10		R/P	SW8260
2-Isopropyltoluene	ND	6.3	ug/Kg	09/13/10		R/P	SW8260
4-Chlorotoluene	ND	6.3	ug/Kg	09/13/10		R/P	SW8260
4-Methyl-2-pentanone	ND	32	ug/Kg	09/13/10		R/P	SW8260
Acetone	ND	130	ug/Kg	09/13/10		R/P	SW8260
Acrylonitrile	ND	6.3	ug/Kg	09/13/10		R/P	SW8260
Benzene	ND	6.3	ug/Kg	09/13/10		R/P	SW8260
Bromobenzene	ND	6.3	ug/Kg	09/13/10		R/P	SW8260
Bromochloromethane	ND	6.3	ug/Kg	09/13/10		R/P	SW8260
Bromodichloromethane	ND	6.3	ug/Kg	09/13/10		R/P	SW8260
Bromoform	ND	6.3	ug/Kg	09/13/10		R/P	SW8260
Bromomethane	ND	6.3	ug/Kg	09/13/10		R/P	SW8260
Carbon Disulfide	ND	6.3	ug/Kg	09/13/10		R/P	SW8260
Carbon tetrachloride	ND	6.3	ug/Kg	09/13/10		R/P	SW8260
Chlorobenzene	ND	6.3	ug/Kg	09/13/10		R/P	SW8260
Chloroethane	ND	6.3	ug/Kg	09/13/10		R/P	SW8260
Chloroform	ND	6.3	ug/Kg	09/13/10		R/P	SW8260
Chloromethane	ND	6.3	ug/Kg	09/13/10		R/P	SW8260
cis-1,2-Dichloroethene	ND	6.3	ug/Kg	09/13/10		R/P	SW8260
cis-1,3-Dichloropropene	ND	6.3	ug/Kg	09/13/10		R/P	SW8260
Dibromochloromethane	ND	3.8	ug/Kg	09/13/10		R/P	SW8260
Dibromoethane	ND	6.3	ug/Kg	09/13/10		R/P	SW8260
Dibromomethane	ND	6.3	ug/Kg	09/13/10		R/P	SW8260
Dichlorodifluoromethane	ND	6.3	ug/Kg	09/13/10		R/P	SW8260
Ethylbenzene	ND	6.3	ug/Kg	09/13/10		R/P	SW8260
Hexachlorobutadiene	ND	6.3	ug/Kg	09/13/10		R/P	SW8260
Isopropylbenzene	ND	6.3	ug/Kg	09/13/10		R/P	SW8260
m&p-Xylene	ND	6.3	ug/Kg	09/13/10		R/P	SW8260
Methyl Ethyl Ketone	ND	38	ug/Kg	09/13/10		R/P	SW8260
Methyl t-butyl ether (MTBE)	ND	13	ug/Kg	09/13/10		R/P	SW8260
Methylene chloride	ND	6.3	ug/Kg	09/13/10		R/P	SW8260
Naphthalene	ND	6.3	ug/Kg	09/13/10		R/P	SW8260

Project ID: WESTBROOK SLE STATION
Client ID: RR-34 0-1

Phoenix I.D.: AZ53005

Parameter	Result	RL	Units	Date	Time	By	Reference
n-Butylbenzene	ND	6.3	ug/Kg	09/13/10		R/P	SW8260
n-Propylbenzene	ND	6.3	ug/Kg	09/13/10		R/P	SW8260
o-Xylene	ND	6.3	ug/Kg	09/13/10		R/P	SW8260
p-Isopropyltoluene	ND	6.3	ug/Kg	09/13/10		R/P	SW8260
sec-Butylbenzene	ND	6.3	ug/Kg	09/13/10		R/P	SW8260
Styrene	ND	6.3	ug/Kg	09/13/10		R/P	SW8260
tert-Butylbenzene	ND	6.3	ug/Kg	09/13/10		R/P	SW8260
Tetrachloroethene	ND	6.3	ug/Kg	09/13/10		R/P	SW8260
Tetrahydrofuran (THF)	ND	13	ug/Kg	09/13/10		R/P	SW8260
Toluene	ND	6.3	ug/Kg	09/13/10		R/P	SW8260
Total Xylenes	ND	6.3	ug/Kg	09/13/10		R/P	SW8260
trans-1,2-Dichloroethene	ND	6.3	ug/Kg	09/13/10		R/P	SW8260
trans-1,3-Dichloropropene	ND	6.3	ug/Kg	09/13/10		R/P	SW8260
trans-1,4-dichloro-2-butene	ND	13	ug/Kg	09/13/10		R/P	SW8260
Trichloroethene	ND	6.3	ug/Kg	09/13/10		R/P	SW8260
Trichlorofluoromethane	ND	6.3	ug/Kg	09/13/10		R/P	SW8260
Trichlorotrifluoroethane	ND	6.3	ug/Kg	09/13/10		R/P	SW8260
Vinyl chloride	ND	6.3	ug/Kg	09/13/10		R/P	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	112		%	09/13/10		R/P	SW8260
% Bromofluorobenzene	75		%	09/13/10		R/P	SW8260
% Dibromofluoromethane	104		%	09/13/10		R/P	SW8260
% Toluene-d8	96		%	09/13/10		R/P	SW8260
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	510	ug/Kg	09/12/10		HM	SW 8270
1,2,4-Trichlorobenzene	ND	510	ug/Kg	09/12/10		HM	SW 8270
1,2-Dichlorobenzene	ND	510	ug/Kg	09/12/10		HM	SW 8270
1,3-Dichlorobenzene	ND	510	ug/Kg	09/12/10		HM	SW 8270
1,4-Dichlorobenzene	ND	510	ug/Kg	09/12/10		HM	SW 8270
2,4,5-Trichlorophenol	ND	510	ug/Kg	09/12/10		HM	SW 8270
2,4,6-Trichlorophenol	ND	510	ug/Kg	09/12/10		HM	SW 8270
2,4-Dichlorophenol	ND	510	ug/Kg	09/12/10		HM	SW 8270
2,4-Dimethylphenol	ND	510	ug/Kg	09/12/10		HM	SW 8270
2,4-Dinitrophenol	ND	1200	ug/Kg	09/12/10		HM	SW 8270
2,4-Dinitrotoluene	ND	510	ug/Kg	09/12/10		HM	SW 8270
2,6-Dinitrotoluene	ND	510	ug/Kg	09/12/10		HM	SW 8270
2-Chloronaphthalene	ND	510	ug/Kg	09/12/10		HM	SW 8270
2-Chlorophenol	ND	510	ug/Kg	09/12/10		HM	SW 8270
2-Methylnaphthalene	ND	510	ug/Kg	09/12/10		HM	SW 8270
2-Methylphenol (o-cresol)	ND	510	ug/Kg	09/12/10		HM	SW 8270
2-Nitroaniline	ND	1200	ug/Kg	09/12/10		HM	SW 8270
2-Nitrophenol	ND	510	ug/Kg	09/12/10		HM	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	730	ug/Kg	09/12/10		HM	SW 8270
3,3'-Dichlorobenzidine	ND	870	ug/Kg	09/12/10		HM	SW 8270
3-Nitroaniline	ND	1200	ug/Kg	09/12/10		HM	SW 8270
4,6-Dinitro-2-methylphenol	ND	2100	ug/Kg	09/12/10		HM	SW 8270
4-Bromophenyl phenyl ether	ND	730	ug/Kg	09/12/10		HM	SW 8270
4-Chloro-3-methylphenol	ND	510	ug/Kg	09/12/10		HM	SW 8270
4-Chloroaniline	ND	510	ug/Kg	09/12/10		HM	SW 8270

Project ID: WESTBROOK SLE STATION
Client ID: RR-34 0-1

Phoenix I.D.: AZ53005

Parameter	Result	RL	Units	Date	Time	By	Reference
4-Chlorophenyl phenyl ether	ND	510	ug/Kg	09/12/10		HM	SW 8270
4-Nitroaniline	ND	1200	ug/Kg	09/12/10		HM	SW 8270
4-Nitrophenol	ND	2100	ug/Kg	09/12/10		HM	SW 8270
Acenaphthene	ND	510	ug/Kg	09/12/10		HM	SW 8270
Acenaphthylene	ND	510	ug/Kg	09/12/10		HM	SW 8270
Acetophenone	ND	510	ug/Kg	09/12/10		HM	SW 8270
Aniline	ND	2100	ug/Kg	09/12/10		HM	SW 8270
Anthracene	ND	510	ug/Kg	09/12/10		HM	SW 8270
Azobenzene	ND	730	ug/Kg	09/12/10		HM	SW 8270
Benz(a)anthracene	1700	510	ug/Kg	09/12/10		HM	SW 8270
Benzidine	ND	870	ug/Kg	09/12/10		HM	SW 8270
Benzo(a)pyrene	1300	510	ug/Kg	09/12/10		HM	SW 8270
Benzo(b)fluoranthene	2000	510	ug/Kg	09/12/10		HM	SW 8270
Benzo(ghi)perylene	810	510	ug/Kg	09/12/10		HM	SW 8270
Benzo(k)fluoranthene	780	510	ug/Kg	09/12/10		HM	SW 8270
Benzoic acid	ND	2100	ug/Kg	09/12/10		HM	SW 8270
Benzyl butyl phthalate	ND	510	ug/Kg	09/12/10		HM	SW 8270
Bis(2-chloroethoxy)methane	ND	510	ug/Kg	09/12/10		HM	SW 8270
Bis(2-chloroethyl)ether	ND	730	ug/Kg	09/12/10		HM	SW 8270
Bis(2-chloroisopropyl)ether	ND	510	ug/Kg	09/12/10		HM	SW 8270
Bis(2-ethylhexyl)phthalate	ND	510	ug/Kg	09/12/10		HM	SW 8270
Carbazole	ND	2100	ug/Kg	09/12/10		HM	SW 8270
Chrysene	1800	510	ug/Kg	09/12/10		HM	SW 8270
Dibenz(a,h)anthracene	ND	510	ug/Kg	09/12/10		HM	SW 8270
Dibenzofuran	ND	510	ug/Kg	09/12/10		HM	SW 8270
Diethyl phthalate	ND	510	ug/Kg	09/12/10		HM	SW 8270
Dimethylphthalate	ND	510	ug/Kg	09/12/10		HM	SW 8270
Di-n-butylphthalate	ND	510	ug/Kg	09/12/10		HM	SW 8270
Di-n-octylphthalate	ND	510	ug/Kg	09/12/10		HM	SW 8270
Fluoranthene	2100	510	ug/Kg	09/12/10		HM	SW 8270
Fluorene	ND	510	ug/Kg	09/12/10		HM	SW 8270
Hexachlorobenzene	ND	510	ug/Kg	09/12/10		HM	SW 8270
Hexachlorobutadiene	ND	510	ug/Kg	09/12/10		HM	SW 8270
Hexachlorocyclopentadiene	ND	510	ug/Kg	09/12/10		HM	SW 8270
Hexachloroethane	ND	510	ug/Kg	09/12/10		HM	SW 8270
Indeno(1,2,3-cd)pyrene	750	510	ug/Kg	09/12/10		HM	SW 8270
Isophorone	ND	510	ug/Kg	09/12/10		HM	SW 8270
Naphthalene	ND	510	ug/Kg	09/12/10		HM	SW 8270
Nitrobenzene	ND	510	ug/Kg	09/12/10		HM	SW 8270
N-Nitrosodimethylamine	ND	730	ug/Kg	09/12/10		HM	SW 8270
N-Nitrosodi-n-propylamine	ND	510	ug/Kg	09/12/10		HM	SW 8270
N-Nitrosodiphenylamine	ND	730	ug/Kg	09/12/10		HM	SW 8270
Pentachloronitrobenzene	ND	730	ug/Kg	09/12/10		HM	SW 8270
Pentachlorophenol	ND	730	ug/Kg	09/12/10		HM	SW 8270
Phenanthrene	800	510	ug/Kg	09/12/10		HM	SW 8270
Phenol	ND	510	ug/Kg	09/12/10		HM	SW 8270
Pyrene	2100	510	ug/Kg	09/12/10		HM	SW 8270
Pyridine	ND	730	ug/Kg	09/12/10		HM	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	84		%	09/12/10		HM	SW 8270

Project ID: WESTBROOK SLE STATION
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Phoenix I.D.: AZ53005

Parameter	Result	RL	Units	Date	Time	By	Reference
% 2-Fluorobiphenyl	61		%	09/12/10		HM	SW 8270
% 2-Fluorophenol	59		%	09/12/10		HM	SW 8270
% Nitrobenzene-d5	63		%	09/12/10		HM	SW 8270
% Phenol-d5	63		%	09/12/10		HM	SW 8270
% Terphenyl-d14	39		%	09/12/10		HM	SW 8270
TPH by GC (Extractable Products)							
Ext. Petroleum HC	50	11	mg/Kg	09/13/10		KCA	CT ETPH/8015
Identification	**		mg/Kg	09/13/10		KCA	CT ETPH/8015
QA/QC Surrogates							
% n-Pentacosane	74		%	09/13/10		KCA	CT ETPH/8015
Polychlorinated Biphenyls							
PCB-1016	ND	360	ug/Kg	09/13/10		MH	SW 8082
PCB-1221	ND	360	ug/Kg	09/13/10		MH	SW 8082
PCB-1232	ND	360	ug/Kg	09/13/10		MH	SW 8082
PCB-1242	ND	360	ug/Kg	09/13/10		MH	SW 8082
PCB-1248	ND	360	ug/Kg	09/13/10		MH	SW 8082
PCB-1254	ND	360	ug/Kg	09/13/10		MH	SW 8082
PCB-1260	ND	360	ug/Kg	09/13/10		MH	SW 8082
PCB-1262	ND	360	ug/Kg	09/13/10		MH	SW 8082
PCB-1268	ND	360	ug/Kg	09/13/10		MH	SW 8082
QA/QC Surrogates							
% DCBP	102		%	09/13/10		MH	SW 8082
% TCMX	82		%	09/13/10		MH	SW 8082
Pesticides							
4,4' -DDD	ND	6.9	ug/Kg	09/14/10		MH	SW8081
4,4' -DDE	ND	6.9	ug/Kg	09/14/10		MH	SW8081
4,4' -DDT	ND	6.9	ug/Kg	09/14/10		MH	SW8081
a-BHC	ND	3.5	ug/Kg	09/14/10		MH	SW8081
Alachlor	ND	3.5	ug/Kg	09/14/10		MH	SW8081
Aldrin	ND	1.1	ug/Kg	09/14/10		MH	SW8081
b-BHC	ND	3.5	ug/Kg	09/14/10		MH	SW8081
Chlordane	ND	11	ug/Kg	09/14/10		MH	SW8081
d-BHC	ND	3.5	ug/Kg	09/14/10		MH	SW8081
Dieldrin	ND	1.1	ug/Kg	09/14/10		MH	SW8081
Endosulfan I	ND	3.5	ug/Kg	09/14/10		MH	SW8081
Endosulfan II	ND	6.9	ug/Kg	09/14/10		MH	SW8081
Endosulfan sulfate	ND	6.9	ug/Kg	09/14/10		MH	SW8081
Endrin	ND	6.9	ug/Kg	09/14/10		MH	SW8081
Endrin aldehyde	ND	6.9	ug/Kg	09/14/10		MH	SW8081
Endrin ketone	ND	6.9	ug/Kg	09/14/10		MH	SW8081
g-BHC	ND	1.1	ug/Kg	09/14/10		MH	SW8081
Heptachlor	ND	2.2	ug/Kg	09/14/10		MH	SW8081
Heptachlor epoxide	ND	3.5	ug/Kg	09/14/10		MH	SW8081
Methoxychlor	ND	35	ug/Kg	09/14/10		MH	SW8081
Toxaphene	ND	35	ug/Kg	09/14/10		MH	SW8081
QA/QC Surrogates							
% DCBP	76		%	09/14/10		MH	SW8081

Project ID: WESTBROOK SLE STATION

Client ID: RR-34 0-1

Phoenix I.D.: AZ53005

Parameter	Result	RL	Units	Date	Time	By	Reference
% TCMX	52		%	09/14/10		MH	SW8081

Comments:

**Petroleum hydrocarbon chromatogram was not a perfect match with any of the standards, but contains discreet peaks in the C9 to C36 range. The sample was quantitated against a C9-C36 standard.

Elevated reporting limits for volatiles due to dilution for sample matrix. Low-level samples were analyzed with poor internal standard response.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director

October 07, 2010

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 07, 2010

FOR: Attn: Ms. Joy Kloss
Diversified Tech. Consultants
2321 Whitney Avenue 3rd floor
Hamden Center II
Hamden CT 06518

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	JK	09/09/10	8:45
Location Code:	DTECHDAS	Received by:	LB	09/10/10	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GAZ53005
Phoenix ID: AZ53006

Project ID: WESTBROOK SLE STATION

Client ID: RR-34 7-8

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.38	0.38	mg/Kg	09/12/10		EK	SW6010
Arsenic	1.7	0.8	mg/Kg	09/12/10		EK	SW6010
Barium	51.0	0.38	mg/Kg	09/12/10		EK	SW6010
Cadmium	< 0.38	0.38	mg/Kg	09/12/10		EK	SW6010
Chromium	12.7	0.38	mg/Kg	09/12/10		EK	SW6010
Mercury	< 0.07	0.07	mg/Kg	09/13/10		RS	SW-7471
Lead	24.1	0.38	mg/Kg	09/12/10		EK	SW6010
Selenium	< 1.5	1.5	mg/Kg	09/12/10		EK	SW6010
SPLP Lead	0.038	0.010	mg/L	10/04/10		EK	E1312/SW6010
Percent Solid	95		%	09/10/10		LK	E160.3
Soil Extraction for PCB	Completed			09/10/10		FB/F	SW3545
Soil Extraction for SVOA	Completed			09/16/10		BS/F	SW3545
Extraction of CT ETPH	Completed			09/10/10		FS/F	3545
Mercury Digestion	Completed			09/13/10		X	SW7471
SPLP Extraction for Metals	Completed			10/01/10		X	EPA 1312
Total Metals Digest	Completed			09/10/10		C/JA	SW846 - 3050
SPLP Metals Digestion	Completed			10/04/10		X	SW846-3005
Field Extraction	Completed			09/09/10		JK	SW5035
Volatiles							
1,1,1,2-Tetrachloroethane	ND	4.5	ug/Kg	09/12/10		R/L	SW8260
1,1,1-Trichloroethane	ND	4.5	ug/Kg	09/12/10		R/L	SW8260
1,1,2,2-Tetrachloroethane	ND	1.2	ug/Kg	09/12/10		R/L	SW8260
1,1,2-Trichloroethane	ND	4.5	ug/Kg	09/12/10		R/L	SW8260
1,1-Dichloroethane	ND	4.5	ug/Kg	09/12/10		R/L	SW8260
1,1-Dichloroethene	ND	4.5	ug/Kg	09/12/10		R/L	SW8260
1,1-Dichloropropene	ND	4.5	ug/Kg	09/12/10		R/L	SW8260
1,2,3-Trichlorobenzene	ND	4.5	ug/Kg	09/12/10		R/L	SW8260

Project ID: WESTBROOK SLE STATION
Client ID: RR-34 7-8

Phoenix I.D.: AZ53006

Parameter	Result	RL	Units	Date	Time	By	Reference
1,2,3-Trichloropropane	ND	4.5	ug/Kg	09/12/10		R/L	SW8260
1,2,4-Trichlorobenzene	ND	4.5	ug/Kg	09/12/10		R/L	SW8260
1,2,4-Trimethylbenzene	ND	4.5	ug/Kg	09/12/10		R/L	SW8260
1,2-Dibromo-3-chloropropane	ND	4.5	ug/Kg	09/12/10		R/L	SW8260
1,2-Dichlorobenzene	ND	4.5	ug/Kg	09/12/10		R/L	SW8260
1,2-Dichloroethane	ND	4.5	ug/Kg	09/12/10		R/L	SW8260
1,2-Dichloropropane	ND	4.5	ug/Kg	09/12/10		R/L	SW8260
1,3,5-Trimethylbenzene	ND	4.5	ug/Kg	09/12/10		R/L	SW8260
1,3-Dichlorobenzene	ND	4.5	ug/Kg	09/12/10		R/L	SW8260
1,3-Dichloropropane	ND	4.5	ug/Kg	09/12/10		R/L	SW8260
1,4-Dichlorobenzene	ND	4.5	ug/Kg	09/12/10		R/L	SW8260
2,2-Dichloropropane	ND	4.5	ug/Kg	09/12/10		R/L	SW8260
2-Chlorotoluene	ND	4.5	ug/Kg	09/12/10		R/L	SW8260
2-Hexanone	ND	23	ug/Kg	09/12/10		R/L	SW8260
2-Isopropyltoluene	ND	4.5	ug/Kg	09/12/10		R/L	SW8260
4-Chlorotoluene	ND	4.5	ug/Kg	09/12/10		R/L	SW8260
4-Methyl-2-pentanone	ND	23	ug/Kg	09/12/10		R/L	SW8260
Acetone	ND	91	ug/Kg	09/12/10		R/L	SW8260
Acrylonitrile	ND	4.5	ug/Kg	09/12/10		R/L	SW8260
Benzene	ND	4.5	ug/Kg	09/12/10		R/L	SW8260
Bromobenzene	ND	4.5	ug/Kg	09/12/10		R/L	SW8260
Bromochloromethane	ND	4.5	ug/Kg	09/12/10		R/L	SW8260
Bromodichloromethane	ND	3.8	ug/Kg	09/12/10		R/L	SW8260
Bromoform	ND	4.5	ug/Kg	09/12/10		R/L	SW8260
Bromomethane	ND	4.5	ug/Kg	09/12/10		R/L	SW8260
Carbon Disulfide	ND	4.5	ug/Kg	09/12/10		R/L	SW8260
Carbon tetrachloride	ND	4.5	ug/Kg	09/12/10		R/L	SW8260
Chlorobenzene	ND	4.5	ug/Kg	09/12/10		R/L	SW8260
Chloroethane	ND	4.5	ug/Kg	09/12/10		R/L	SW8260
Chloroform	ND	4.5	ug/Kg	09/12/10		R/L	SW8260
Chloromethane	ND	4.5	ug/Kg	09/12/10		R/L	SW8260
cis-1,2-Dichloroethene	ND	4.5	ug/Kg	09/12/10		R/L	SW8260
cis-1,3-Dichloropropene	ND	4.5	ug/Kg	09/12/10		R/L	SW8260
Dibromochloromethane	ND	2.7	ug/Kg	09/12/10		R/L	SW8260
Dibromoethane	ND	4.5	ug/Kg	09/12/10		R/L	SW8260
Dibromomethane	ND	4.5	ug/Kg	09/12/10		R/L	SW8260
Dichlorodifluoromethane	ND	4.5	ug/Kg	09/12/10		R/L	SW8260
Ethylbenzene	ND	4.5	ug/Kg	09/12/10		R/L	SW8260
Hexachlorobutadiene	ND	4.5	ug/Kg	09/12/10		R/L	SW8260
Isopropylbenzene	ND	4.5	ug/Kg	09/12/10		R/L	SW8260
m&p-Xylene	ND	4.5	ug/Kg	09/12/10		R/L	SW8260
Methyl Ethyl Ketone	ND	27	ug/Kg	09/12/10		R/L	SW8260
Methyl t-butyl ether (MTBE)	ND	9.1	ug/Kg	09/12/10		R/L	SW8260
Methylene chloride	ND	4.5	ug/Kg	09/12/10		R/L	SW8260
Naphthalene	ND	4.5	ug/Kg	09/12/10		R/L	SW8260
n-Butylbenzene	ND	4.5	ug/Kg	09/12/10		R/L	SW8260
n-Propylbenzene	ND	4.5	ug/Kg	09/12/10		R/L	SW8260
o-Xylene	ND	4.5	ug/Kg	09/12/10		R/L	SW8260
p-Isopropyltoluene	ND	4.5	ug/Kg	09/12/10		R/L	SW8260
sec-Butylbenzene	ND	4.5	ug/Kg	09/12/10		R/L	SW8260

Project ID: WESTBROOK SLE STATION
Client ID: RR-34 7-8

Phoenix I.D.: AZ53006

Parameter	Result	RL	Units	Date	Time	By	Reference
Styrene	ND	4.5	ug/Kg	09/12/10		R/L	SW8260
tert-Butylbenzene	ND	4.5	ug/Kg	09/12/10		R/L	SW8260
Tetrachloroethene	ND	4.5	ug/Kg	09/12/10		R/L	SW8260
Tetrahydrofuran (THF)	ND	9.1	ug/Kg	09/12/10		R/L	SW8260
Toluene	ND	4.5	ug/Kg	09/12/10		R/L	SW8260
Total Xylenes	ND	4.5	ug/Kg	09/12/10		R/L	SW8260
trans-1,2-Dichloroethene	ND	4.5	ug/Kg	09/12/10		R/L	SW8260
trans-1,3-Dichloropropene	ND	4.5	ug/Kg	09/12/10		R/L	SW8260
trans-1,4-dichloro-2-butene	ND	9.1	ug/Kg	09/12/10		R/L	SW8260
Trichloroethene	ND	4.5	ug/Kg	09/12/10		R/L	SW8260
Trichlorofluoromethane	ND	4.5	ug/Kg	09/12/10		R/L	SW8260
Trichlorotrifluoroethane	ND	4.5	ug/Kg	09/12/10		R/L	SW8260
Vinyl chloride	ND	4.5	ug/Kg	09/12/10		R/L	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	99		%	09/12/10		R/L	SW8260
% Bromofluorobenzene	94		%	09/12/10		R/L	SW8260
% Dibromofluoromethane	100		%	09/12/10		R/L	SW8260
% Toluene-d8	96		%	09/12/10		R/L	SW8260
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	240	ug/Kg	09/17/10		HM	SW 8270
1,2,4-Trichlorobenzene	ND	240	ug/Kg	09/17/10		HM	SW 8270
1,2-Dichlorobenzene	ND	240	ug/Kg	09/17/10		HM	SW 8270
1,3-Dichlorobenzene	ND	240	ug/Kg	09/17/10		HM	SW 8270
1,4-Dichlorobenzene	ND	240	ug/Kg	09/17/10		HM	SW 8270
2,4,5-Trichlorophenol	ND	240	ug/Kg	09/17/10		HM	SW 8270
2,4,6-Trichlorophenol	ND	240	ug/Kg	09/17/10		HM	SW 8270
2,4-Dichlorophenol	ND	240	ug/Kg	09/17/10		HM	SW 8270
2,4-Dimethylphenol	ND	240	ug/Kg	09/17/10		HM	SW 8270
2,4-Dinitrophenol	ND	540	ug/Kg	09/17/10		HM	SW 8270
2,4-Dinitrotoluene	ND	240	ug/Kg	09/17/10		HM	SW 8270
2,6-Dinitrotoluene	ND	240	ug/Kg	09/17/10		HM	SW 8270
2-Chloronaphthalene	ND	240	ug/Kg	09/17/10		HM	SW 8270
2-Chlorophenol	ND	240	ug/Kg	09/17/10		HM	SW 8270
2-Methylnaphthalene	ND	240	ug/Kg	09/17/10		HM	SW 8270
2-Methylphenol (o-cresol)	ND	240	ug/Kg	09/17/10		HM	SW 8270
2-Nitroaniline	ND	540	ug/Kg	09/17/10		HM	SW 8270
2-Nitrophenol	ND	240	ug/Kg	09/17/10		HM	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	340	ug/Kg	09/17/10		HM	SW 8270
3,3'-Dichlorobenzidine	ND	410	ug/Kg	09/17/10		HM	SW 8270
3-Nitroaniline	ND	540	ug/Kg	09/17/10		HM	SW 8270
4,6-Dinitro-2-methylphenol	ND	990	ug/Kg	09/17/10		HM	SW 8270
4-Bromophenyl phenyl ether	ND	340	ug/Kg	09/17/10		HM	SW 8270
4-Chloro-3-methylphenol	ND	240	ug/Kg	09/17/10		HM	SW 8270
4-Chloroaniline	ND	240	ug/Kg	09/17/10		HM	SW 8270
4-Chlorophenyl phenyl ether	ND	240	ug/Kg	09/17/10		HM	SW 8270
4-Nitroaniline	ND	540	ug/Kg	09/17/10		HM	SW 8270
4-Nitrophenol	ND	990	ug/Kg	09/17/10		HM	SW 8270
Acenaphthene	ND	240	ug/Kg	09/17/10		HM	SW 8270
Acenaphthylene	ND	240	ug/Kg	09/17/10		HM	SW 8270

Project ID: WESTBROOK SLE STATION
Client ID: RR-34 7-8

Phoenix I.D.: AZ53006

Parameter	Result	RL	Units	Date	Time	By	Reference
Acetophenone	ND	240	ug/Kg	09/17/10		HM	SW 8270
Aniline	ND	990	ug/Kg	09/17/10		HM	SW 8270
Anthracene	ND	240	ug/Kg	09/17/10		HM	SW 8270
Azobenzene	ND	340	ug/Kg	09/17/10		HM	SW 8270
Benz(a)anthracene	ND	240	ug/Kg	09/17/10		HM	SW 8270
Benzidine	ND	410	ug/Kg	09/17/10		HM	SW 8270
Benzo(a)pyrene	ND	240	ug/Kg	09/17/10		HM	SW 8270
Benzo(b)fluoranthene	340	240	ug/Kg	09/17/10		HM	SW 8270
Benzo(ghi)perylene	ND	240	ug/Kg	09/17/10		HM	SW 8270
Benzo(k)fluoranthene	ND	240	ug/Kg	09/17/10		HM	SW 8270
Benzoic acid	ND	990	ug/Kg	09/17/10		HM	SW 8270
Benzyl butyl phthalate	ND	240	ug/Kg	09/17/10		HM	SW 8270
Bis(2-chloroethoxy)methane	ND	240	ug/Kg	09/17/10		HM	SW 8270
Bis(2-chloroethyl)ether	ND	340	ug/Kg	09/17/10		HM	SW 8270
Bis(2-chloroisopropyl)ether	ND	240	ug/Kg	09/17/10		HM	SW 8270
Bis(2-ethylhexyl)phthalate	ND	240	ug/Kg	09/17/10		HM	SW 8270
Carbazole	ND	990	ug/Kg	09/17/10		HM	SW 8270
Chrysene	250	240	ug/Kg	09/17/10		HM	SW 8270
Dibenz(a,h)anthracene	ND	240	ug/Kg	09/17/10		HM	SW 8270
Dibenzofuran	ND	240	ug/Kg	09/17/10		HM	SW 8270
Diethyl phthalate	ND	240	ug/Kg	09/17/10		HM	SW 8270
Dimethylphthalate	ND	240	ug/Kg	09/17/10		HM	SW 8270
Di-n-butylphthalate	ND	240	ug/Kg	09/17/10		HM	SW 8270
Di-n-octylphthalate	ND	240	ug/Kg	09/17/10		HM	SW 8270
Fluoranthene	290	240	ug/Kg	09/17/10		HM	SW 8270
Fluorene	ND	240	ug/Kg	09/17/10		HM	SW 8270
Hexachlorobenzene	ND	240	ug/Kg	09/17/10		HM	SW 8270
Hexachlorobutadiene	ND	240	ug/Kg	09/17/10		HM	SW 8270
Hexachlorocyclopentadiene	ND	240	ug/Kg	09/17/10		HM	SW 8270
Hexachloroethane	ND	240	ug/Kg	09/17/10		HM	SW 8270
Indeno(1,2,3-cd)pyrene	ND	240	ug/Kg	09/17/10		HM	SW 8270
Isophorone	ND	240	ug/Kg	09/17/10		HM	SW 8270
Naphthalene	ND	240	ug/Kg	09/17/10		HM	SW 8270
Nitrobenzene	ND	240	ug/Kg	09/17/10		HM	SW 8270
N-Nitrosodimethylamine	ND	340	ug/Kg	09/17/10		HM	SW 8270
N-Nitrosodi-n-propylamine	ND	240	ug/Kg	09/17/10		HM	SW 8270
N-Nitrosodiphenylamine	ND	340	ug/Kg	09/17/10		HM	SW 8270
Pentachloronitrobenzene	ND	340	ug/Kg	09/17/10		HM	SW 8270
Pentachlorophenol	ND	340	ug/Kg	09/17/10		HM	SW 8270
Phenanthrene	ND	240	ug/Kg	09/17/10		HM	SW 8270
Phenol	ND	240	ug/Kg	09/17/10		HM	SW 8270
Pyrene	ND	240	ug/Kg	09/17/10		HM	SW 8270
Pyridine	ND	340	ug/Kg	09/17/10		HM	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	96		%	09/17/10		HM	SW 8270
% 2-Fluorobiphenyl	73		%	09/17/10		HM	SW 8270
% 2-Fluorophenol	78		%	09/17/10		HM	SW 8270
% Nitrobenzene-d5	72		%	09/17/10		HM	SW 8270
% Phenol-d5	78		%	09/17/10		HM	SW 8270
% Terphenyl-d14	40		%	09/17/10		HM	SW 8270

Project ID: WESTBROOK SLE STATION
Client ID: RR-34 7-8

Phoenix I.D.: AZ53006

Parameter	Result	RL	Units	Date	Time	By	Reference
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	10	mg/Kg	09/13/10		KCA	CT ETPH/8015
Identification	ND		mg/Kg	09/13/10		KCA	CT ETPH/8015
QA/QC Surrogates							
% n-Pentacosane	72		%	09/13/10		KCA	CT ETPH/8015
Polychlorinated Biphenyls							
PCB-1016	ND	340	ug/Kg	09/13/10		MH	SW 8082
PCB-1221	ND	340	ug/Kg	09/13/10		MH	SW 8082
PCB-1232	ND	340	ug/Kg	09/13/10		MH	SW 8082
PCB-1242	ND	340	ug/Kg	09/13/10		MH	SW 8082
PCB-1248	ND	340	ug/Kg	09/13/10		MH	SW 8082
PCB-1254	ND	340	ug/Kg	09/13/10		MH	SW 8082
PCB-1260	ND	340	ug/Kg	09/13/10		MH	SW 8082
PCB-1262	ND	340	ug/Kg	09/13/10		MH	SW 8082
PCB-1268	ND	340	ug/Kg	09/13/10		MH	SW 8082
QA/QC Surrogates							
% DCBP	129		%	09/13/10		MH	SW 8082
% TCMX	110		%	09/13/10		MH	SW 8082

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller

Phyllis Shiller, Laboratory Director
October 07, 2010

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 07, 2010

FOR: Attn: Ms. Joy Kloss
Diversified Tech. Consultants
2321 Whitney Avenue 3rd floor
Hamden Center II
Hamden CT 06518

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	JK	09/09/10	9:15
Location Code:	DTECHDAS	Received by:	LB	09/10/10	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GAZ53005
Phoenix ID: AZ53007

Project ID: WESTBROOK SLE STATION

Client ID: RR-34 20-21.5

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.36	0.36	mg/Kg	09/12/10		EK	SW6010
Arsenic	< 0.7	0.7	mg/Kg	09/12/10		EK	SW6010
Barium	33.5	0.36	mg/Kg	09/12/10		EK	SW6010
Cadmium	< 0.36	0.36	mg/Kg	09/12/10		EK	SW6010
Chromium	7.49	0.36	mg/Kg	09/12/10		EK	SW6010
Mercury	< 0.07	0.07	mg/Kg	09/13/10		RS	SW-7471
Lead	1.60	0.36	mg/Kg	09/12/10		EK	SW6010
Selenium	< 1.5	1.5	mg/Kg	09/12/10		EK	SW6010
Percent Solid	84		%	09/10/10		LK	E160.3
Soil Extraction for PCB	Completed			09/10/10		FB/F	SW3545
Soil Extraction for SVOA	Completed			09/10/10		FS/F	SW3545
Extraction of CT ETPH	Completed			09/10/10		FS/F	3545
Mercury Digestion	Completed			09/13/10		X	SW7471
Total Metals Digest	Completed			09/10/10		C/JA	SW846 - 3050
Field Extraction	Completed			09/09/10		JK	SW5035
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.8	ug/Kg	09/12/10		R/L	SW8260
1,1,1-Trichloroethane	ND	5.8	ug/Kg	09/12/10		R/L	SW8260
1,1,2,2-Tetrachloroethane	ND	1.2	ug/Kg	09/12/10		R/L	SW8260
1,1,2-Trichloroethane	ND	5.8	ug/Kg	09/12/10		R/L	SW8260
1,1-Dichloroethane	ND	5.8	ug/Kg	09/12/10		R/L	SW8260
1,1-Dichloroethene	ND	5.8	ug/Kg	09/12/10		R/L	SW8260
1,1-Dichloropropene	ND	5.8	ug/Kg	09/12/10		R/L	SW8260
1,2,3-Trichlorobenzene	ND	5.8	ug/Kg	09/12/10		R/L	SW8260
1,2,3-Trichloropropane	ND	5.8	ug/Kg	09/12/10		R/L	SW8260
1,2,4-Trichlorobenzene	ND	5.8	ug/Kg	09/12/10		R/L	SW8260
1,2,4-Trimethylbenzene	ND	5.8	ug/Kg	09/12/10		R/L	SW8260

Project ID: WESTBROOK SLE STATION
Client ID: RR-34 20-21.5

Phoenix I.D.: AZ53007

Parameter	Result	RL	Units	Date	Time	By	Reference
1,2-Dibromo-3-chloropropane	ND	5.8	ug/Kg	09/12/10		R/L	SW8260
1,2-Dichlorobenzene	ND	5.8	ug/Kg	09/12/10		R/L	SW8260
1,2-Dichloroethane	ND	5.8	ug/Kg	09/12/10		R/L	SW8260
1,2-Dichloropropane	ND	5.8	ug/Kg	09/12/10		R/L	SW8260
1,3,5-Trimethylbenzene	ND	5.8	ug/Kg	09/12/10		R/L	SW8260
1,3-Dichlorobenzene	ND	5.8	ug/Kg	09/12/10		R/L	SW8260
1,3-Dichloropropane	ND	5.8	ug/Kg	09/12/10		R/L	SW8260
1,4-Dichlorobenzene	ND	5.8	ug/Kg	09/12/10		R/L	SW8260
2,2-Dichloropropane	ND	5.8	ug/Kg	09/12/10		R/L	SW8260
2-Chlorotoluene	ND	5.8	ug/Kg	09/12/10		R/L	SW8260
2-Hexanone	ND	29	ug/Kg	09/12/10		R/L	SW8260
2-Isopropyltoluene	ND	5.8	ug/Kg	09/12/10		R/L	SW8260
4-Chlorotoluene	ND	5.8	ug/Kg	09/12/10		R/L	SW8260
4-Methyl-2-pentanone	ND	29	ug/Kg	09/12/10		R/L	SW8260
Acetone	ND	120	ug/Kg	09/12/10		R/L	SW8260
Acrylonitrile	ND	5.8	ug/Kg	09/12/10		R/L	SW8260
Benzene	ND	5.8	ug/Kg	09/12/10		R/L	SW8260
Bromobenzene	ND	5.8	ug/Kg	09/12/10		R/L	SW8260
Bromochloromethane	ND	5.8	ug/Kg	09/12/10		R/L	SW8260
Bromodichloromethane	ND	3.8	ug/Kg	09/12/10		R/L	SW8260
Bromoform	ND	5.8	ug/Kg	09/12/10		R/L	SW8260
Bromomethane	ND	5.8	ug/Kg	09/12/10		R/L	SW8260
Carbon Disulfide	ND	5.8	ug/Kg	09/12/10		R/L	SW8260
Carbon tetrachloride	ND	5.8	ug/Kg	09/12/10		R/L	SW8260
Chlorobenzene	ND	5.8	ug/Kg	09/12/10		R/L	SW8260
Chloroethane	ND	5.8	ug/Kg	09/12/10		R/L	SW8260
Chloroform	ND	5.8	ug/Kg	09/12/10		R/L	SW8260
Chloromethane	ND	5.8	ug/Kg	09/12/10		R/L	SW8260
cis-1,2-Dichloroethene	ND	5.8	ug/Kg	09/12/10		R/L	SW8260
cis-1,3-Dichloropropene	ND	5.8	ug/Kg	09/12/10		R/L	SW8260
Dibromochloromethane	ND	3.5	ug/Kg	09/12/10		R/L	SW8260
Dibromoethane	ND	5.8	ug/Kg	09/12/10		R/L	SW8260
Dibromomethane	ND	5.8	ug/Kg	09/12/10		R/L	SW8260
Dichlorodifluoromethane	ND	5.8	ug/Kg	09/12/10		R/L	SW8260
Ethylbenzene	ND	5.8	ug/Kg	09/12/10		R/L	SW8260
Hexachlorobutadiene	ND	5.8	ug/Kg	09/12/10		R/L	SW8260
Isopropylbenzene	ND	5.8	ug/Kg	09/12/10		R/L	SW8260
m&p-Xylene	ND	5.8	ug/Kg	09/12/10		R/L	SW8260
Methyl Ethyl Ketone	ND	35	ug/Kg	09/12/10		R/L	SW8260
Methyl t-butyl ether (MTBE)	ND	12	ug/Kg	09/12/10		R/L	SW8260
Methylene chloride	ND	5.8	ug/Kg	09/12/10		R/L	SW8260
Naphthalene	ND	5.8	ug/Kg	09/12/10		R/L	SW8260
n-Butylbenzene	ND	5.8	ug/Kg	09/12/10		R/L	SW8260
n-Propylbenzene	ND	5.8	ug/Kg	09/12/10		R/L	SW8260
o-Xylene	ND	5.8	ug/Kg	09/12/10		R/L	SW8260
p-Isopropyltoluene	ND	5.8	ug/Kg	09/12/10		R/L	SW8260
sec-Butylbenzene	ND	5.8	ug/Kg	09/12/10		R/L	SW8260
Styrene	ND	5.8	ug/Kg	09/12/10		R/L	SW8260
tert-Butylbenzene	ND	5.8	ug/Kg	09/12/10		R/L	SW8260
Tetrachloroethene	ND	5.8	ug/Kg	09/12/10		R/L	SW8260

Project ID: WESTBROOK SLE STATION
Client ID: RR-34 20-21.5

Phoenix I.D.: AZ53007

Parameter	Result	RL	Units	Date	Time	By	Reference
Tetrahydrofuran (THF)	ND	12	ug/Kg	09/12/10		R/L	SW8260
Toluene	ND	5.8	ug/Kg	09/12/10		R/L	SW8260
Total Xylenes	ND	5.8	ug/Kg	09/12/10		R/L	SW8260
trans-1,2-Dichloroethene	ND	5.8	ug/Kg	09/12/10		R/L	SW8260
trans-1,3-Dichloropropene	ND	5.8	ug/Kg	09/12/10		R/L	SW8260
trans-1,4-dichloro-2-butene	ND	12	ug/Kg	09/12/10		R/L	SW8260
Trichloroethene	ND	5.8	ug/Kg	09/12/10		R/L	SW8260
Trichlorofluoromethane	ND	5.8	ug/Kg	09/12/10		R/L	SW8260
Trichlorotrifluoroethane	ND	5.8	ug/Kg	09/12/10		R/L	SW8260
Vinyl chloride	ND	5.8	ug/Kg	09/12/10		R/L	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	96		%	09/12/10		R/L	SW8260
% Bromofluorobenzene	99		%	09/12/10		R/L	SW8260
% Dibromofluoromethane	103		%	09/12/10		R/L	SW8260
% Toluene-d8	98		%	09/12/10		R/L	SW8260
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	540	ug/Kg	09/12/10		HM	SW 8270
1,2,4-Trichlorobenzene	ND	540	ug/Kg	09/12/10		HM	SW 8270
1,2-Dichlorobenzene	ND	540	ug/Kg	09/12/10		HM	SW 8270
1,3-Dichlorobenzene	ND	540	ug/Kg	09/12/10		HM	SW 8270
1,4-Dichlorobenzene	ND	540	ug/Kg	09/12/10		HM	SW 8270
2,4,5-Trichlorophenol	ND	540	ug/Kg	09/12/10		HM	SW 8270
2,4,6-Trichlorophenol	ND	540	ug/Kg	09/12/10		HM	SW 8270
2,4-Dichlorophenol	ND	540	ug/Kg	09/12/10		HM	SW 8270
2,4-Dimethylphenol	ND	540	ug/Kg	09/12/10		HM	SW 8270
2,4-Dinitrophenol	ND	1200	ug/Kg	09/12/10		HM	SW 8270
2,4-Dinitrotoluene	ND	540	ug/Kg	09/12/10		HM	SW 8270
2,6-Dinitrotoluene	ND	540	ug/Kg	09/12/10		HM	SW 8270
2-Chloronaphthalene	ND	540	ug/Kg	09/12/10		HM	SW 8270
2-Chlorophenol	ND	540	ug/Kg	09/12/10		HM	SW 8270
2-Methylnaphthalene	ND	540	ug/Kg	09/12/10		HM	SW 8270
2-Methylphenol (o-cresol)	ND	540	ug/Kg	09/12/10		HM	SW 8270
2-Nitroaniline	ND	1200	ug/Kg	09/12/10		HM	SW 8270
2-Nitrophenol	ND	540	ug/Kg	09/12/10		HM	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	780	ug/Kg	09/12/10		HM	SW 8270
3,3'-Dichlorobenzidine	ND	930	ug/Kg	09/12/10		HM	SW 8270
3-Nitroaniline	ND	1200	ug/Kg	09/12/10		HM	SW 8270
4,6-Dinitro-2-methylphenol	ND	2200	ug/Kg	09/12/10		HM	SW 8270
4-Bromophenyl phenyl ether	ND	780	ug/Kg	09/12/10		HM	SW 8270
4-Chloro-3-methylphenol	ND	540	ug/Kg	09/12/10		HM	SW 8270
4-Chloroaniline	ND	540	ug/Kg	09/12/10		HM	SW 8270
4-Chlorophenyl phenyl ether	ND	540	ug/Kg	09/12/10		HM	SW 8270
4-Nitroaniline	ND	1200	ug/Kg	09/12/10		HM	SW 8270
4-Nitrophenol	ND	2200	ug/Kg	09/12/10		HM	SW 8270
Acenaphthene	ND	540	ug/Kg	09/12/10		HM	SW 8270
Acenaphthylene	ND	540	ug/Kg	09/12/10		HM	SW 8270
Acetophenone	ND	540	ug/Kg	09/12/10		HM	SW 8270
Aniline	ND	2200	ug/Kg	09/12/10		HM	SW 8270
Anthracene	ND	540	ug/Kg	09/12/10		HM	SW 8270

Project ID: WESTBROOK SLE STATION
Client ID: RR-34 20-21.5

Phoenix I.D.: AZ53007

Parameter	Result	RL	Units	Date	Time	By	Reference
Azobenzene	ND	780	ug/Kg	09/12/10		HM	SW 8270
Benz(a)anthracene	740	540	ug/Kg	09/12/10		HM	SW 8270
Benzidine	ND	930	ug/Kg	09/12/10		HM	SW 8270
Benzo(a)pyrene	630	540	ug/Kg	09/12/10		HM	SW 8270
Benzo(b)fluoranthene	980	540	ug/Kg	09/12/10		HM	SW 8270
Benzo(ghi)perylene	ND	540	ug/Kg	09/12/10		HM	SW 8270
Benzo(k)fluoranthene	ND	540	ug/Kg	09/12/10		HM	SW 8270
Benzoic acid	ND	2200	ug/Kg	09/12/10		HM	SW 8270
Benzyl butyl phthalate	ND	540	ug/Kg	09/12/10		HM	SW 8270
Bis(2-chloroethoxy)methane	ND	540	ug/Kg	09/12/10		HM	SW 8270
Bis(2-chloroethyl)ether	ND	780	ug/Kg	09/12/10		HM	SW 8270
Bis(2-chloroisopropyl)ether	ND	540	ug/Kg	09/12/10		HM	SW 8270
Bis(2-ethylhexyl)phthalate	ND	540	ug/Kg	09/12/10		HM	SW 8270
Carbazole	ND	2200	ug/Kg	09/12/10		HM	SW 8270
Chrysene	720	540	ug/Kg	09/12/10		HM	SW 8270
Dibenz(a,h)anthracene	ND	540	ug/Kg	09/12/10		HM	SW 8270
Dibenzofuran	ND	540	ug/Kg	09/12/10		HM	SW 8270
Diethyl phthalate	ND	540	ug/Kg	09/12/10		HM	SW 8270
Dimethylphthalate	ND	540	ug/Kg	09/12/10		HM	SW 8270
Di-n-butylphthalate	ND	540	ug/Kg	09/12/10		HM	SW 8270
Di-n-octylphthalate	ND	540	ug/Kg	09/12/10		HM	SW 8270
Fluoranthene	1300	540	ug/Kg	09/12/10		HM	SW 8270
Fluorene	ND	540	ug/Kg	09/12/10		HM	SW 8270
Hexachlorobenzene	ND	540	ug/Kg	09/12/10		HM	SW 8270
Hexachlorobutadiene	ND	540	ug/Kg	09/12/10		HM	SW 8270
Hexachlorocyclopentadiene	ND	540	ug/Kg	09/12/10		HM	SW 8270
Hexachloroethane	ND	540	ug/Kg	09/12/10		HM	SW 8270
Indeno(1,2,3-cd)pyrene	ND	540	ug/Kg	09/12/10		HM	SW 8270
Isophorone	ND	540	ug/Kg	09/12/10		HM	SW 8270
Naphthalene	ND	540	ug/Kg	09/12/10		HM	SW 8270
Nitrobenzene	ND	540	ug/Kg	09/12/10		HM	SW 8270
N-Nitrosodimethylamine	ND	780	ug/Kg	09/12/10		HM	SW 8270
N-Nitrosodi-n-propylamine	ND	540	ug/Kg	09/12/10		HM	SW 8270
N-Nitrosodiphenylamine	ND	780	ug/Kg	09/12/10		HM	SW 8270
Pentachloronitrobenzene	ND	780	ug/Kg	09/12/10		HM	SW 8270
Pentachlorophenol	ND	780	ug/Kg	09/12/10		HM	SW 8270
Phenanthrene	ND	540	ug/Kg	09/12/10		HM	SW 8270
Phenol	ND	540	ug/Kg	09/12/10		HM	SW 8270
Pyrene	1100	540	ug/Kg	09/12/10		HM	SW 8270
Pyridine	ND	780	ug/Kg	09/12/10		HM	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	86		%	09/12/10		HM	SW 8270
% 2-Fluorobiphenyl	65		%	09/12/10		HM	SW 8270
% 2-Fluorophenol	63		%	09/12/10		HM	SW 8270
% Nitrobenzene-d5	62		%	09/12/10		HM	SW 8270
% Phenol-d5	64		%	09/12/10		HM	SW 8270
% Terphenyl-d14	70		%	09/12/10		HM	SW 8270
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	12	mg/Kg	09/13/10		KCA	CT ETPH/8015

Project ID: WESTBROOK SLE STATION
Client ID: RR-34 20-21.5

Phoenix I.D.: AZ53007

Parameter	Result	RL	Units	Date	Time	By	Reference
Identification	ND		mg/Kg	09/13/10		KCA	CT ETPH/8015
QA/QC Surrogates							
% n-Pentacosane	77		%	09/13/10		KCA	CT ETPH/8015
Polychlorinated Biphenyls							
PCB-1016	ND	390	ug/Kg	09/13/10		MH	SW 8082
PCB-1221	ND	390	ug/Kg	09/13/10		MH	SW 8082
PCB-1232	ND	390	ug/Kg	09/13/10		MH	SW 8082
PCB-1242	ND	390	ug/Kg	09/13/10		MH	SW 8082
PCB-1248	ND	390	ug/Kg	09/13/10		MH	SW 8082
PCB-1254	ND	390	ug/Kg	09/13/10		MH	SW 8082
PCB-1260	ND	390	ug/Kg	09/13/10		MH	SW 8082
PCB-1262	ND	390	ug/Kg	09/13/10		MH	SW 8082
PCB-1268	ND	390	ug/Kg	09/13/10		MH	SW 8082
QA/QC Surrogates							
% DCBP	129		%	09/13/10		MH	SW 8082
% TCMX	108		%	09/13/10		MH	SW 8082

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller

Phyllis Shiller, Laboratory Director
October 07, 2010

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 07, 2010

FOR: Attn: Ms. Joy Kloss
Diversified Tech. Consultants
2321 Whitney Avenue 3rd floor
Hamden Center II
Hamden CT 06518

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	JK	09/09/10	12:55
Location Code:	DTECHDAS	Received by:	LB	09/10/10	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GAZ53005
Phoenix ID: AZ53008

Project ID: WESTBROOK SLE STATION

Client ID: RR-33 2-3

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.37	0.37	mg/Kg	09/12/10		EK	SW6010
Arsenic	1.3	0.7	mg/Kg	09/12/10		EK	SW6010
Barium	38.8	0.37	mg/Kg	09/12/10		EK	SW6010
Cadmium	< 0.37	0.37	mg/Kg	09/12/10		EK	SW6010
Chromium	14.9	0.37	mg/Kg	09/12/10		EK	SW6010
Mercury	0.19	0.09	mg/Kg	09/13/10		RS	SW-7471
Lead	80.9	0.37	mg/Kg	09/12/10		EK	SW6010
Selenium	< 1.5	1.5	mg/Kg	09/12/10		EK	SW6010
SPLP Lead	0.271	0.010	mg/L	09/24/10		TH	E1312/SW6010
Percent Solid	94		%	09/10/10		LK	E160.3
Soil Extraction for PCB	Completed			09/10/10		FB	SW3545
Soil Extraction for Pesticide	Completed			09/10/10		FB/F	SW3545
Soil Extraction for SVOA	Completed			09/10/10		FS/F	SW3545
Extraction of CT ETPH	Completed			09/10/10		FS/F	3545
Mercury Digestion	Completed			09/13/10		X	SW7471
SPLP Extraction for Metals	Completed			09/23/10		X	EPA 1312
Total Metals Digest	Completed			09/10/10		C/JA	SW846 - 3050
SPLP Metals Digestion	Completed			09/24/10		X	SW846-3005
Field Extraction	Completed			09/09/10		JK	SW5035
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.6	ug/Kg	09/12/10		R/L	SW8260
1,1,1-Trichloroethane	ND	5.6	ug/Kg	09/12/10		R/L	SW8260
1,1,2,2-Tetrachloroethane	ND	1.2	ug/Kg	09/12/10		R/L	SW8260
1,1,2-Trichloroethane	ND	5.6	ug/Kg	09/12/10		R/L	SW8260
1,1-Dichloroethane	ND	5.6	ug/Kg	09/12/10		R/L	SW8260
1,1-Dichloroethene	ND	5.6	ug/Kg	09/12/10		R/L	SW8260
1,1-Dichloropropene	ND	5.6	ug/Kg	09/12/10		R/L	SW8260

Project ID: WESTBROOK SLE STATION
Client ID: RR-33 2-3

Phoenix I.D.: AZ53008

Parameter	Result	RL	Units	Date	Time	By	Reference
1,2,3-Trichlorobenzene	ND	5.6	ug/Kg	09/12/10		R/L	SW8260
1,2,3-Trichloropropane	ND	5.6	ug/Kg	09/12/10		R/L	SW8260
1,2,4-Trichlorobenzene	ND	5.6	ug/Kg	09/12/10		R/L	SW8260
1,2,4-Trimethylbenzene	ND	5.6	ug/Kg	09/12/10		R/L	SW8260
1,2-Dibromo-3-chloropropane	ND	5.6	ug/Kg	09/12/10		R/L	SW8260
1,2-Dichlorobenzene	ND	5.6	ug/Kg	09/12/10		R/L	SW8260
1,2-Dichloroethane	ND	5.6	ug/Kg	09/12/10		R/L	SW8260
1,2-Dichloropropane	ND	5.6	ug/Kg	09/12/10		R/L	SW8260
1,3,5-Trimethylbenzene	ND	5.6	ug/Kg	09/12/10		R/L	SW8260
1,3-Dichlorobenzene	ND	5.6	ug/Kg	09/12/10		R/L	SW8260
1,3-Dichloropropane	ND	5.6	ug/Kg	09/12/10		R/L	SW8260
1,4-Dichlorobenzene	ND	5.6	ug/Kg	09/12/10		R/L	SW8260
2,2-Dichloropropane	ND	5.6	ug/Kg	09/12/10		R/L	SW8260
2-Chlorotoluene	ND	5.6	ug/Kg	09/12/10		R/L	SW8260
2-Hexanone	ND	28	ug/Kg	09/12/10		R/L	SW8260
2-Isopropyltoluene	ND	5.6	ug/Kg	09/12/10		R/L	SW8260
4-Chlorotoluene	ND	5.6	ug/Kg	09/12/10		R/L	SW8260
4-Methyl-2-pentanone	ND	28	ug/Kg	09/12/10		R/L	SW8260
Acetone	ND	110	ug/Kg	09/12/10		R/L	SW8260
Acrylonitrile	ND	5.6	ug/Kg	09/12/10		R/L	SW8260
Benzene	ND	5.6	ug/Kg	09/12/10		R/L	SW8260
Bromobenzene	ND	5.6	ug/Kg	09/12/10		R/L	SW8260
Bromochloromethane	ND	5.6	ug/Kg	09/12/10		R/L	SW8260
Bromodichloromethane	ND	3.8	ug/Kg	09/12/10		R/L	SW8260
Bromoform	ND	5.6	ug/Kg	09/12/10		R/L	SW8260
Bromomethane	ND	5.6	ug/Kg	09/12/10		R/L	SW8260
Carbon Disulfide	ND	5.6	ug/Kg	09/12/10		R/L	SW8260
Carbon tetrachloride	ND	5.6	ug/Kg	09/12/10		R/L	SW8260
Chlorobenzene	ND	5.6	ug/Kg	09/12/10		R/L	SW8260
Chloroethane	ND	5.6	ug/Kg	09/12/10		R/L	SW8260
Chloroform	ND	5.6	ug/Kg	09/12/10		R/L	SW8260
Chloromethane	ND	5.6	ug/Kg	09/12/10		R/L	SW8260
cis-1,2-Dichloroethene	ND	5.6	ug/Kg	09/12/10		R/L	SW8260
cis-1,3-Dichloropropene	ND	5.6	ug/Kg	09/12/10		R/L	SW8260
Dibromochloromethane	ND	3.4	ug/Kg	09/12/10		R/L	SW8260
Dibromoethane	ND	5.6	ug/Kg	09/12/10		R/L	SW8260
Dibromomethane	ND	5.6	ug/Kg	09/12/10		R/L	SW8260
Dichlorodifluoromethane	ND	5.6	ug/Kg	09/12/10		R/L	SW8260
Ethylbenzene	ND	5.6	ug/Kg	09/12/10		R/L	SW8260
Hexachlorobutadiene	ND	5.6	ug/Kg	09/12/10		R/L	SW8260
Isopropylbenzene	ND	5.6	ug/Kg	09/12/10		R/L	SW8260
m&p-Xylene	ND	5.6	ug/Kg	09/12/10		R/L	SW8260
Methyl Ethyl Ketone	ND	34	ug/Kg	09/12/10		R/L	SW8260
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	09/12/10		R/L	SW8260
Methylene chloride	ND	5.6	ug/Kg	09/12/10		R/L	SW8260
Naphthalene	ND	5.6	ug/Kg	09/12/10		R/L	SW8260
n-Butylbenzene	ND	5.6	ug/Kg	09/12/10		R/L	SW8260
n-Propylbenzene	ND	5.6	ug/Kg	09/12/10		R/L	SW8260
o-Xylene	ND	5.6	ug/Kg	09/12/10		R/L	SW8260
p-Isopropyltoluene	ND	5.6	ug/Kg	09/12/10		R/L	SW8260

Project ID: WESTBROOK SLE STATION
Client ID: RR-33 2-3

Phoenix I.D.: AZ53008

Parameter	Result	RL	Units	Date	Time	By	Reference
sec-Butylbenzene	ND	5.6	ug/Kg	09/12/10		R/L	SW8260
Styrene	ND	5.6	ug/Kg	09/12/10		R/L	SW8260
tert-Butylbenzene	ND	5.6	ug/Kg	09/12/10		R/L	SW8260
Tetrachloroethene	ND	5.6	ug/Kg	09/12/10		R/L	SW8260
Tetrahydrofuran (THF)	ND	11	ug/Kg	09/12/10		R/L	SW8260
Toluene	ND	5.6	ug/Kg	09/12/10		R/L	SW8260
Total Xylenes	ND	5.6	ug/Kg	09/12/10		R/L	SW8260
trans-1,2-Dichloroethene	ND	5.6	ug/Kg	09/12/10		R/L	SW8260
trans-1,3-Dichloropropene	ND	5.6	ug/Kg	09/12/10		R/L	SW8260
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	09/12/10		R/L	SW8260
Trichloroethene	ND	5.6	ug/Kg	09/12/10		R/L	SW8260
Trichlorofluoromethane	ND	5.6	ug/Kg	09/12/10		R/L	SW8260
Trichlorotrifluoroethane	ND	5.6	ug/Kg	09/12/10		R/L	SW8260
Vinyl chloride	ND	5.6	ug/Kg	09/12/10		R/L	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	104		%	09/12/10		R/L	SW8260
% Bromofluorobenzene	89		%	09/12/10		R/L	SW8260
% Dibromofluoromethane	102		%	09/12/10		R/L	SW8260
% Toluene-d8	98		%	09/12/10		R/L	SW8260
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	250	ug/Kg	09/12/10		HM	SW 8270
1,2,4-Trichlorobenzene	ND	250	ug/Kg	09/12/10		HM	SW 8270
1,2-Dichlorobenzene	ND	250	ug/Kg	09/12/10		HM	SW 8270
1,3-Dichlorobenzene	ND	250	ug/Kg	09/12/10		HM	SW 8270
1,4-Dichlorobenzene	ND	250	ug/Kg	09/12/10		HM	SW 8270
2,4,5-Trichlorophenol	ND	250	ug/Kg	09/12/10		HM	SW 8270
2,4,6-Trichlorophenol	ND	250	ug/Kg	09/12/10		HM	SW 8270
2,4-Dichlorophenol	ND	250	ug/Kg	09/12/10		HM	SW 8270
2,4-Dimethylphenol	ND	250	ug/Kg	09/12/10		HM	SW 8270
2,4-Dinitrophenol	ND	560	ug/Kg	09/12/10		HM	SW 8270
2,4-Dinitrotoluene	ND	250	ug/Kg	09/12/10		HM	SW 8270
2,6-Dinitrotoluene	ND	250	ug/Kg	09/12/10		HM	SW 8270
2-Chloronaphthalene	ND	250	ug/Kg	09/12/10		HM	SW 8270
2-Chlorophenol	ND	250	ug/Kg	09/12/10		HM	SW 8270
2-Methylnaphthalene	ND	250	ug/Kg	09/12/10		HM	SW 8270
2-Methylphenol (o-cresol)	ND	250	ug/Kg	09/12/10		HM	SW 8270
2-Nitroaniline	ND	560	ug/Kg	09/12/10		HM	SW 8270
2-Nitrophenol	ND	250	ug/Kg	09/12/10		HM	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	350	ug/Kg	09/12/10		HM	SW 8270
3,3'-Dichlorobenzidine	ND	420	ug/Kg	09/12/10		HM	SW 8270
3-Nitroaniline	ND	560	ug/Kg	09/12/10		HM	SW 8270
4,6-Dinitro-2-methylphenol	ND	1000	ug/Kg	09/12/10		HM	SW 8270
4-Bromophenyl phenyl ether	ND	350	ug/Kg	09/12/10		HM	SW 8270
4-Chloro-3-methylphenol	ND	250	ug/Kg	09/12/10		HM	SW 8270
4-Chloroaniline	ND	250	ug/Kg	09/12/10		HM	SW 8270
4-Chlorophenyl phenyl ether	ND	250	ug/Kg	09/12/10		HM	SW 8270
4-Nitroaniline	ND	560	ug/Kg	09/12/10		HM	SW 8270
4-Nitrophenol	ND	1000	ug/Kg	09/12/10		HM	SW 8270
Acenaphthene	ND	250	ug/Kg	09/12/10		HM	SW 8270

Project ID: WESTBROOK SLE STATION
Client ID: RR-33 2-3

Phoenix I.D.: AZ53008

Parameter	Result	RL	Units	Date	Time	By	Reference
Acenaphthylene	ND	250	ug/Kg	09/12/10		HM	SW 8270
Acetophenone	ND	250	ug/Kg	09/12/10		HM	SW 8270
Aniline	ND	1000	ug/Kg	09/12/10		HM	SW 8270
Anthracene	ND	250	ug/Kg	09/12/10		HM	SW 8270
Azobenzene	ND	350	ug/Kg	09/12/10		HM	SW 8270
Benz(a)anthracene	ND	250	ug/Kg	09/12/10		HM	SW 8270
Benzidine	ND	420	ug/Kg	09/12/10		HM	SW 8270
Benzo(a)pyrene	ND	250	ug/Kg	09/12/10		HM	SW 8270
Benzo(b)fluoranthene	ND	250	ug/Kg	09/12/10		HM	SW 8270
Benzo(ghi)perylene	ND	250	ug/Kg	09/12/10		HM	SW 8270
Benzo(k)fluoranthene	ND	250	ug/Kg	09/12/10		HM	SW 8270
Benzoic acid	ND	1000	ug/Kg	09/12/10		HM	SW 8270
Benzyl butyl phthalate	ND	250	ug/Kg	09/12/10		HM	SW 8270
Bis(2-chloroethoxy)methane	ND	250	ug/Kg	09/12/10		HM	SW 8270
Bis(2-chloroethyl)ether	ND	350	ug/Kg	09/12/10		HM	SW 8270
Bis(2-chloroisopropyl)ether	ND	250	ug/Kg	09/12/10		HM	SW 8270
Bis(2-ethylhexyl)phthalate	ND	250	ug/Kg	09/12/10		HM	SW 8270
Carbazole	ND	1000	ug/Kg	09/12/10		HM	SW 8270
Chrysene	ND	250	ug/Kg	09/12/10		HM	SW 8270
Dibenz(a,h)anthracene	ND	250	ug/Kg	09/12/10		HM	SW 8270
Dibenzofuran	ND	250	ug/Kg	09/12/10		HM	SW 8270
Diethyl phthalate	ND	250	ug/Kg	09/12/10		HM	SW 8270
Dimethylphthalate	ND	250	ug/Kg	09/12/10		HM	SW 8270
Di-n-butylphthalate	ND	250	ug/Kg	09/12/10		HM	SW 8270
Di-n-octylphthalate	ND	250	ug/Kg	09/12/10		HM	SW 8270
Fluoranthene	ND	250	ug/Kg	09/12/10		HM	SW 8270
Fluorene	ND	250	ug/Kg	09/12/10		HM	SW 8270
Hexachlorobenzene	ND	250	ug/Kg	09/12/10		HM	SW 8270
Hexachlorobutadiene	ND	250	ug/Kg	09/12/10		HM	SW 8270
Hexachlorocyclopentadiene	ND	250	ug/Kg	09/12/10		HM	SW 8270
Hexachloroethane	ND	250	ug/Kg	09/12/10		HM	SW 8270
Indeno(1,2,3-cd)pyrene	ND	250	ug/Kg	09/12/10		HM	SW 8270
Isophorone	ND	250	ug/Kg	09/12/10		HM	SW 8270
Naphthalene	ND	250	ug/Kg	09/12/10		HM	SW 8270
Nitrobenzene	ND	250	ug/Kg	09/12/10		HM	SW 8270
N-Nitrosodimethylamine	ND	350	ug/Kg	09/12/10		HM	SW 8270
N-Nitrosodi-n-propylamine	ND	250	ug/Kg	09/12/10		HM	SW 8270
N-Nitrosodiphenylamine	ND	350	ug/Kg	09/12/10		HM	SW 8270
Pentachloronitrobenzene	ND	350	ug/Kg	09/12/10		HM	SW 8270
Pentachlorophenol	ND	350	ug/Kg	09/12/10		HM	SW 8270
Phenanthrene	ND	250	ug/Kg	09/12/10		HM	SW 8270
Phenol	ND	250	ug/Kg	09/12/10		HM	SW 8270
Pyrene	ND	250	ug/Kg	09/12/10		HM	SW 8270
Pyridine	ND	350	ug/Kg	09/12/10		HM	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	109		%	09/12/10		HM	SW 8270
% 2-Fluorobiphenyl	71		%	09/12/10		HM	SW 8270
% 2-Fluorophenol	73		%	09/12/10		HM	SW 8270
% Nitrobenzene-d5	72		%	09/12/10		HM	SW 8270
% Phenol-d5	78		%	09/12/10		HM	SW 8270

Project ID: WESTBROOK SLE STATION
Client ID: RR-33 2-3

Phoenix I.D.: AZ53008

Parameter	Result	RL	Units	Date	Time	By	Reference
% Terphenyl-d14	50		%	09/12/10		HM	SW 8270
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	10	mg/Kg	09/13/10		KCA	CT ETPH/8015
Identification	ND		mg/Kg	09/13/10		KCA	CT ETPH/8015
QA/QC Surrogates							
% n-Pentacosane	62		%	09/13/10		KCA	CT ETPH/8015
Polychlorinated Biphenyls							
PCB-1016	ND	350	ug/Kg	09/13/10		MH	SW 8082
PCB-1221	ND	350	ug/Kg	09/13/10		MH	SW 8082
PCB-1232	ND	350	ug/Kg	09/13/10		MH	SW 8082
PCB-1242	ND	350	ug/Kg	09/13/10		MH	SW 8082
PCB-1248	ND	350	ug/Kg	09/13/10		MH	SW 8082
PCB-1254	ND	350	ug/Kg	09/13/10		MH	SW 8082
PCB-1260	ND	350	ug/Kg	09/13/10		MH	SW 8082
PCB-1262	ND	350	ug/Kg	09/13/10		MH	SW 8082
PCB-1268	ND	350	ug/Kg	09/13/10		MH	SW 8082
QA/QC Surrogates							
% DCBP	138		%	09/13/10		MH	SW 8082
% TCMX	109		%	09/13/10		MH	SW 8082
Pesticides							
4,4' -DDD	ND	6.8	ug/Kg	09/14/10		MH	SW8081
4,4' -DDE	ND	6.8	ug/Kg	09/14/10		MH	SW8081
4,4' -DDT	ND	6.8	ug/Kg	09/14/10		MH	SW8081
a-BHC	ND	3.4	ug/Kg	09/14/10		MH	SW8081
Alachlor	ND	3.4	ug/Kg	09/14/10		MH	SW8081
Aldrin	ND	1.0	ug/Kg	09/14/10		MH	SW8081
b-BHC	ND	3.4	ug/Kg	09/14/10		MH	SW8081
Chlordane	ND	10	ug/Kg	09/14/10		MH	SW8081
d-BHC	ND	3.4	ug/Kg	09/14/10		MH	SW8081
Dieldrin	ND	1.0	ug/Kg	09/14/10		MH	SW8081
Endosulfan I	ND	3.4	ug/Kg	09/14/10		MH	SW8081
Endosulfan II	ND	6.8	ug/Kg	09/14/10		MH	SW8081
Endosulfan sulfate	ND	6.8	ug/Kg	09/14/10		MH	SW8081
Endrin	ND	6.8	ug/Kg	09/14/10		MH	SW8081
Endrin aldehyde	ND	6.8	ug/Kg	09/14/10		MH	SW8081
Endrin ketone	ND	6.8	ug/Kg	09/14/10		MH	SW8081
g-BHC	ND	1.0	ug/Kg	09/14/10		MH	SW8081
Heptachlor	ND	2.1	ug/Kg	09/14/10		MH	SW8081
Heptachlor epoxide	ND	3.4	ug/Kg	09/14/10		MH	SW8081
Methoxychlor	ND	34	ug/Kg	09/14/10		MH	SW8081
Toxaphene	ND	34	ug/Kg	09/14/10		MH	SW8081
QA/QC Surrogates							
% DCBP	91		%	09/14/10		MH	SW8081
% TCMX	58		%	09/14/10		MH	SW8081

Project ID: WESTBROOK SLE STATION

Phoenix I.D.: AZ53008

Client ID: RR-33 2-3

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director

October 07, 2010

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 07, 2010

FOR: Attn: Ms. Joy Kloss
Diversified Tech. Consultants
2321 Whitney Avenue 3rd floor
Hamden Center II
Hamden CT 06518

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	JK	09/09/10	13:00
Location Code:	DTECHDAS	Received by:	LB	09/10/10	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GAZ53005
Phoenix ID: AZ53009

Project ID: WESTBROOK SLE STATION

Client ID: RR-33 5-6

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.35	0.35	mg/Kg	09/12/10		EK	SW6010
Arsenic	< 0.7	0.7	mg/Kg	09/12/10		EK	SW6010
Barium	62.0	0.35	mg/Kg	09/12/10		EK	SW6010
Cadmium	< 0.35	0.35	mg/Kg	09/12/10		EK	SW6010
Chromium	13.7	0.35	mg/Kg	09/12/10		EK	SW6010
Mercury	< 0.06	0.06	mg/Kg	09/13/10		RS	SW-7471
Lead	12.1	0.35	mg/Kg	09/12/10		EK	SW6010
Selenium	< 1.4	1.4	mg/Kg	09/12/10		EK	SW6010
Percent Solid	96		%	09/10/10		LK	E160.3
Soil Extraction for PCB	Completed			09/10/10		FB/F	SW3545
Soil Extraction for SVOA	Completed			09/10/10		FS/F	SW3545
Extraction of CT ETPH	Completed			09/10/10		FS/F	3545
Mercury Digestion	Completed			09/13/10		X	SW7471
Total Metals Digest	Completed			09/10/10		C/JA	SW846 - 3050
Field Extraction	Completed			09/09/10		JK	SW5035
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.2	ug/Kg	09/12/10		R/L	SW8260
1,1,1-Trichloroethane	ND	5.2	ug/Kg	09/12/10		R/L	SW8260
1,1,2,2-Tetrachloroethane	ND	1.2	ug/Kg	09/12/10		R/L	SW8260
1,1,2-Trichloroethane	ND	5.2	ug/Kg	09/12/10		R/L	SW8260
1,1-Dichloroethane	ND	5.2	ug/Kg	09/12/10		R/L	SW8260
1,1-Dichloroethene	ND	5.2	ug/Kg	09/12/10		R/L	SW8260
1,1-Dichloropropene	ND	5.2	ug/Kg	09/12/10		R/L	SW8260
1,2,3-Trichlorobenzene	ND	5.2	ug/Kg	09/12/10		R/L	SW8260
1,2,3-Trichloropropane	ND	5.2	ug/Kg	09/12/10		R/L	SW8260
1,2,4-Trichlorobenzene	ND	5.2	ug/Kg	09/12/10		R/L	SW8260
1,2,4-Trimethylbenzene	ND	5.2	ug/Kg	09/12/10		R/L	SW8260

Project ID: WESTBROOK SLE STATION
Client ID: RR-33 5-6

Phoenix I.D.: AZ53009

Parameter	Result	RL	Units	Date	Time	By	Reference
1,2-Dibromo-3-chloropropane	ND	5.2	ug/Kg	09/12/10		R/L	SW8260
1,2-Dichlorobenzene	ND	5.2	ug/Kg	09/12/10		R/L	SW8260
1,2-Dichloroethane	ND	5.2	ug/Kg	09/12/10		R/L	SW8260
1,2-Dichloropropane	ND	5.2	ug/Kg	09/12/10		R/L	SW8260
1,3,5-Trimethylbenzene	ND	5.2	ug/Kg	09/12/10		R/L	SW8260
1,3-Dichlorobenzene	ND	5.2	ug/Kg	09/12/10		R/L	SW8260
1,3-Dichloropropane	ND	5.2	ug/Kg	09/12/10		R/L	SW8260
1,4-Dichlorobenzene	ND	5.2	ug/Kg	09/12/10		R/L	SW8260
2,2-Dichloropropane	ND	5.2	ug/Kg	09/12/10		R/L	SW8260
2-Chlorotoluene	ND	5.2	ug/Kg	09/12/10		R/L	SW8260
2-Hexanone	ND	26	ug/Kg	09/12/10		R/L	SW8260
2-Isopropyltoluene	ND	5.2	ug/Kg	09/12/10		R/L	SW8260
4-Chlorotoluene	ND	5.2	ug/Kg	09/12/10		R/L	SW8260
4-Methyl-2-pentanone	ND	26	ug/Kg	09/12/10		R/L	SW8260
Acetone	ND	100	ug/Kg	09/12/10		R/L	SW8260
Acrylonitrile	ND	5.2	ug/Kg	09/12/10		R/L	SW8260
Benzene	ND	5.2	ug/Kg	09/12/10		R/L	SW8260
Bromobenzene	ND	5.2	ug/Kg	09/12/10		R/L	SW8260
Bromochloromethane	ND	5.2	ug/Kg	09/12/10		R/L	SW8260
Bromodichloromethane	ND	3.8	ug/Kg	09/12/10		R/L	SW8260
Bromoform	ND	5.2	ug/Kg	09/12/10		R/L	SW8260
Bromomethane	ND	5.2	ug/Kg	09/12/10		R/L	SW8260
Carbon Disulfide	ND	5.2	ug/Kg	09/12/10		R/L	SW8260
Carbon tetrachloride	ND	5.2	ug/Kg	09/12/10		R/L	SW8260
Chlorobenzene	ND	5.2	ug/Kg	09/12/10		R/L	SW8260
Chloroethane	ND	5.2	ug/Kg	09/12/10		R/L	SW8260
Chloroform	ND	5.2	ug/Kg	09/12/10		R/L	SW8260
Chloromethane	ND	5.2	ug/Kg	09/12/10		R/L	SW8260
cis-1,2-Dichloroethene	ND	5.2	ug/Kg	09/12/10		R/L	SW8260
cis-1,3-Dichloropropene	ND	5.2	ug/Kg	09/12/10		R/L	SW8260
Dibromochloromethane	ND	3.1	ug/Kg	09/12/10		R/L	SW8260
Dibromoethane	ND	5.2	ug/Kg	09/12/10		R/L	SW8260
Dibromomethane	ND	5.2	ug/Kg	09/12/10		R/L	SW8260
Dichlorodifluoromethane	ND	5.2	ug/Kg	09/12/10		R/L	SW8260
Ethylbenzene	ND	5.2	ug/Kg	09/12/10		R/L	SW8260
Hexachlorobutadiene	ND	5.2	ug/Kg	09/12/10		R/L	SW8260
Isopropylbenzene	ND	5.2	ug/Kg	09/12/10		R/L	SW8260
m&p-Xylene	ND	5.2	ug/Kg	09/12/10		R/L	SW8260
Methyl Ethyl Ketone	ND	31	ug/Kg	09/12/10		R/L	SW8260
Methyl t-butyl ether (MTBE)	ND	10	ug/Kg	09/12/10		R/L	SW8260
Methylene chloride	ND	5.2	ug/Kg	09/12/10		R/L	SW8260
Naphthalene	ND	5.2	ug/Kg	09/12/10		R/L	SW8260
n-Butylbenzene	ND	5.2	ug/Kg	09/12/10		R/L	SW8260
n-Propylbenzene	ND	5.2	ug/Kg	09/12/10		R/L	SW8260
o-Xylene	ND	5.2	ug/Kg	09/12/10		R/L	SW8260
p-Isopropyltoluene	ND	5.2	ug/Kg	09/12/10		R/L	SW8260
sec-Butylbenzene	ND	5.2	ug/Kg	09/12/10		R/L	SW8260
Styrene	ND	5.2	ug/Kg	09/12/10		R/L	SW8260
tert-Butylbenzene	ND	5.2	ug/Kg	09/12/10		R/L	SW8260
Tetrachloroethene	ND	5.2	ug/Kg	09/12/10		R/L	SW8260

Project ID: WESTBROOK SLE STATION
Client ID: RR-33 5-6

Phoenix I.D.: AZ53009

Parameter	Result	RL	Units	Date	Time	By	Reference
Tetrahydrofuran (THF)	ND	10	ug/Kg	09/12/10		R/L	SW8260
Toluene	ND	5.2	ug/Kg	09/12/10		R/L	SW8260
Total Xylenes	ND	5.2	ug/Kg	09/12/10		R/L	SW8260
trans-1,2-Dichloroethene	ND	5.2	ug/Kg	09/12/10		R/L	SW8260
trans-1,3-Dichloropropene	ND	5.2	ug/Kg	09/12/10		R/L	SW8260
trans-1,4-dichloro-2-butene	ND	10	ug/Kg	09/12/10		R/L	SW8260
Trichloroethene	ND	5.2	ug/Kg	09/12/10		R/L	SW8260
Trichlorofluoromethane	ND	5.2	ug/Kg	09/12/10		R/L	SW8260
Trichlorotrifluoroethane	ND	5.2	ug/Kg	09/12/10		R/L	SW8260
Vinyl chloride	ND	5.2	ug/Kg	09/12/10		R/L	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	108		%	09/12/10		R/L	SW8260
% Bromofluorobenzene	88		%	09/12/10		R/L	SW8260
% Dibromofluoromethane	106		%	09/12/10		R/L	SW8260
% Toluene-d8	101		%	09/12/10		R/L	SW8260
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	480	ug/Kg	09/12/10		HM	SW 8270
1,2,4-Trichlorobenzene	ND	480	ug/Kg	09/12/10		HM	SW 8270
1,2-Dichlorobenzene	ND	480	ug/Kg	09/12/10		HM	SW 8270
1,3-Dichlorobenzene	ND	480	ug/Kg	09/12/10		HM	SW 8270
1,4-Dichlorobenzene	ND	480	ug/Kg	09/12/10		HM	SW 8270
2,4,5-Trichlorophenol	ND	480	ug/Kg	09/12/10		HM	SW 8270
2,4,6-Trichlorophenol	ND	480	ug/Kg	09/12/10		HM	SW 8270
2,4-Dichlorophenol	ND	480	ug/Kg	09/12/10		HM	SW 8270
2,4-Dimethylphenol	ND	480	ug/Kg	09/12/10		HM	SW 8270
2,4-Dinitrophenol	ND	1100	ug/Kg	09/12/10		HM	SW 8270
2,4-Dinitrotoluene	ND	480	ug/Kg	09/12/10		HM	SW 8270
2,6-Dinitrotoluene	ND	480	ug/Kg	09/12/10		HM	SW 8270
2-Chloronaphthalene	ND	480	ug/Kg	09/12/10		HM	SW 8270
2-Chlorophenol	ND	480	ug/Kg	09/12/10		HM	SW 8270
2-Methylnaphthalene	ND	480	ug/Kg	09/12/10		HM	SW 8270
2-Methylphenol (o-cresol)	ND	480	ug/Kg	09/12/10		HM	SW 8270
2-Nitroaniline	ND	1100	ug/Kg	09/12/10		HM	SW 8270
2-Nitrophenol	ND	480	ug/Kg	09/12/10		HM	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	690	ug/Kg	09/12/10		HM	SW 8270
3,3'-Dichlorobenzidine	ND	830	ug/Kg	09/12/10		HM	SW 8270
3-Nitroaniline	ND	1100	ug/Kg	09/12/10		HM	SW 8270
4,6-Dinitro-2-methylphenol	ND	2000	ug/Kg	09/12/10		HM	SW 8270
4-Bromophenyl phenyl ether	ND	690	ug/Kg	09/12/10		HM	SW 8270
4-Chloro-3-methylphenol	ND	480	ug/Kg	09/12/10		HM	SW 8270
4-Chloroaniline	ND	480	ug/Kg	09/12/10		HM	SW 8270
4-Chlorophenyl phenyl ether	ND	480	ug/Kg	09/12/10		HM	SW 8270
4-Nitroaniline	ND	1100	ug/Kg	09/12/10		HM	SW 8270
4-Nitrophenol	ND	2000	ug/Kg	09/12/10		HM	SW 8270
Acenaphthene	ND	480	ug/Kg	09/12/10		HM	SW 8270
Acenaphthylene	ND	480	ug/Kg	09/12/10		HM	SW 8270
Acetophenone	ND	480	ug/Kg	09/12/10		HM	SW 8270
Aniline	ND	2000	ug/Kg	09/12/10		HM	SW 8270
Anthracene	ND	480	ug/Kg	09/12/10		HM	SW 8270

Project ID: WESTBROOK SLE STATION
Client ID: RR-33 5-6

Phoenix I.D.: AZ53009

Parameter	Result	RL	Units	Date	Time	By	Reference
Azobenzene	ND	690	ug/Kg	09/12/10		HM	SW 8270
Benz(a)anthracene	ND	480	ug/Kg	09/12/10		HM	SW 8270
Benzidine	ND	830	ug/Kg	09/12/10		HM	SW 8270
Benzo(a)pyrene	ND	480	ug/Kg	09/12/10		HM	SW 8270
Benzo(b)fluoranthene	ND	480	ug/Kg	09/12/10		HM	SW 8270
Benzo(ghi)perylene	ND	480	ug/Kg	09/12/10		HM	SW 8270
Benzo(k)fluoranthene	ND	480	ug/Kg	09/12/10		HM	SW 8270
Benzoic acid	ND	2000	ug/Kg	09/12/10		HM	SW 8270
Benzyl butyl phthalate	ND	480	ug/Kg	09/12/10		HM	SW 8270
Bis(2-chloroethoxy)methane	ND	480	ug/Kg	09/12/10		HM	SW 8270
Bis(2-chloroethyl)ether	ND	690	ug/Kg	09/12/10		HM	SW 8270
Bis(2-chloroisopropyl)ether	ND	480	ug/Kg	09/12/10		HM	SW 8270
Bis(2-ethylhexyl)phthalate	ND	480	ug/Kg	09/12/10		HM	SW 8270
Carbazole	ND	2000	ug/Kg	09/12/10		HM	SW 8270
Chrysene	ND	480	ug/Kg	09/12/10		HM	SW 8270
Dibenz(a,h)anthracene	ND	480	ug/Kg	09/12/10		HM	SW 8270
Dibenzofuran	ND	480	ug/Kg	09/12/10		HM	SW 8270
Diethyl phthalate	ND	480	ug/Kg	09/12/10		HM	SW 8270
Dimethylphthalate	ND	480	ug/Kg	09/12/10		HM	SW 8270
Di-n-butylphthalate	ND	480	ug/Kg	09/12/10		HM	SW 8270
Di-n-octylphthalate	ND	480	ug/Kg	09/12/10		HM	SW 8270
Fluoranthene	ND	480	ug/Kg	09/12/10		HM	SW 8270
Fluorene	ND	480	ug/Kg	09/12/10		HM	SW 8270
Hexachlorobenzene	ND	480	ug/Kg	09/12/10		HM	SW 8270
Hexachlorobutadiene	ND	480	ug/Kg	09/12/10		HM	SW 8270
Hexachlorocyclopentadiene	ND	480	ug/Kg	09/12/10		HM	SW 8270
Hexachloroethane	ND	480	ug/Kg	09/12/10		HM	SW 8270
Indeno(1,2,3-cd)pyrene	ND	480	ug/Kg	09/12/10		HM	SW 8270
Isophorone	ND	480	ug/Kg	09/12/10		HM	SW 8270
Naphthalene	ND	480	ug/Kg	09/12/10		HM	SW 8270
Nitrobenzene	ND	480	ug/Kg	09/12/10		HM	SW 8270
N-Nitrosodimethylamine	ND	690	ug/Kg	09/12/10		HM	SW 8270
N-Nitrosodi-n-propylamine	ND	480	ug/Kg	09/12/10		HM	SW 8270
N-Nitrosodiphenylamine	ND	690	ug/Kg	09/12/10		HM	SW 8270
Pentachloronitrobenzene	ND	690	ug/Kg	09/12/10		HM	SW 8270
Pentachlorophenol	ND	690	ug/Kg	09/12/10		HM	SW 8270
Phenanthrene	ND	480	ug/Kg	09/12/10		HM	SW 8270
Phenol	ND	480	ug/Kg	09/12/10		HM	SW 8270
Pyrene	ND	480	ug/Kg	09/12/10		HM	SW 8270
Pyridine	ND	690	ug/Kg	09/12/10		HM	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	100		%	09/12/10		HM	SW 8270
% 2-Fluorobiphenyl	69		%	09/12/10		HM	SW 8270
% 2-Fluorophenol	71		%	09/12/10		HM	SW 8270
% Nitrobenzene-d5	69		%	09/12/10		HM	SW 8270
% Phenol-d5	73		%	09/12/10		HM	SW 8270
% Terphenyl-d14	43		%	09/12/10		HM	SW 8270
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	10	mg/Kg	09/14/10		KCA	CT ETPH/8015

Project ID: WESTBROOK SLE STATION
Client ID: RR-33 5-6

Phoenix I.D.: AZ53009

Parameter	Result	RL	Units	Date	Time	By	Reference
Identification	ND		mg/Kg	09/14/10		KCA	CT ETPH/8015
QA/QC Surrogates							
% n-Pentacosane	92		%	09/14/10		KCA	CT ETPH/8015
Polychlorinated Biphenyls							
PCB-1016	ND	350	ug/Kg	09/13/10		MH	SW 8082
PCB-1221	ND	350	ug/Kg	09/13/10		MH	SW 8082
PCB-1232	ND	350	ug/Kg	09/13/10		MH	SW 8082
PCB-1242	ND	350	ug/Kg	09/13/10		MH	SW 8082
PCB-1248	ND	350	ug/Kg	09/13/10		MH	SW 8082
PCB-1254	ND	350	ug/Kg	09/13/10		MH	SW 8082
PCB-1260	ND	350	ug/Kg	09/13/10		MH	SW 8082
PCB-1262	ND	350	ug/Kg	09/13/10		MH	SW 8082
PCB-1268	ND	350	ug/Kg	09/13/10		MH	SW 8082
QA/QC Surrogates							
% DCBP	122		%	09/13/10		MH	SW 8082
% TCMX	100		%	09/13/10		MH	SW 8082

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director
October 07, 2010

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 07, 2010

FOR: Attn: Ms. Joy Kloss
Diversified Tech. Consultants
2321 Whitney Avenue 3rd floor
Hamden Center II
Hamden CT 06518

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	JK	09/09/10	13:15
Location Code:	DTECHDAS	Received by:	LB	09/10/10	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GAZ53005
Phoenix ID: AZ53010

Project ID: WESTBROOK SLE STATION

Client ID: RR-33 12-12.5

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.38	0.38	mg/Kg	09/12/10		EK	SW6010
Arsenic	1.7	0.8	mg/Kg	09/12/10		EK	SW6010
Barium	43.5	0.38	mg/Kg	09/12/10		EK	SW6010
Cadmium	< 0.38	0.38	mg/Kg	09/12/10		EK	SW6010
Chromium	19.0	0.38	mg/Kg	09/12/10		EK	SW6010
Mercury	< 0.06	0.06	mg/Kg	09/14/10		RS	SW-7471
Lead	6.86	0.38	mg/Kg	09/12/10		EK	SW6010
Selenium	< 1.5	1.5	mg/Kg	09/12/10		EK	SW6010
Percent Solid	89		%	09/10/10		LK	E160.3
Soil Extraction for PCB	Completed			09/10/10		FB/F	SW3545
Soil Extraction for SVOA	Completed			09/10/10		FS/F	SW3545
Extraction of CT ETPH	Completed			09/10/10		FS/F	3545
Mercury Digestion	Completed			09/14/10		X	SW7471
Total Metals Digest	Completed			09/10/10		C/JA	SW846 - 3050
Field Extraction	Completed			09/09/10		JK	SW5035
Volatiles							
1,1,1,2-Tetrachloroethane	ND	7.9	ug/Kg	09/12/10		R/L	SW8260
1,1,1-Trichloroethane	ND	7.9	ug/Kg	09/12/10		R/L	SW8260
1,1,2,2-Tetrachloroethane	ND	1.2	ug/Kg	09/12/10		R/L	SW8260
1,1,2-Trichloroethane	ND	7.9	ug/Kg	09/12/10		R/L	SW8260
1,1-Dichloroethane	ND	7.9	ug/Kg	09/12/10		R/L	SW8260
1,1-Dichloroethene	ND	7.9	ug/Kg	09/12/10		R/L	SW8260
1,1-Dichloropropene	ND	7.9	ug/Kg	09/12/10		R/L	SW8260
1,2,3-Trichlorobenzene	ND	7.9	ug/Kg	09/12/10		R/L	SW8260
1,2,3-Trichloropropane	ND	7.9	ug/Kg	09/12/10		R/L	SW8260
1,2,4-Trichlorobenzene	ND	7.9	ug/Kg	09/12/10		R/L	SW8260
1,2,4-Trimethylbenzene	ND	7.9	ug/Kg	09/12/10		R/L	SW8260

Project ID: WESTBROOK SLE STATION
Client ID: RR-33 12-12.5

Phoenix I.D.: AZ53010

Parameter	Result	RL	Units	Date	Time	By	Reference
1,2-Dibromo-3-chloropropane	ND	7.9	ug/Kg	09/12/10		R/L	SW8260
1,2-Dichlorobenzene	ND	7.9	ug/Kg	09/12/10		R/L	SW8260
1,2-Dichloroethane	ND	7.9	ug/Kg	09/12/10		R/L	SW8260
1,2-Dichloropropane	ND	7.9	ug/Kg	09/12/10		R/L	SW8260
1,3,5-Trimethylbenzene	ND	7.9	ug/Kg	09/12/10		R/L	SW8260
1,3-Dichlorobenzene	ND	7.9	ug/Kg	09/12/10		R/L	SW8260
1,3-Dichloropropane	ND	7.9	ug/Kg	09/12/10		R/L	SW8260
1,4-Dichlorobenzene	ND	7.9	ug/Kg	09/12/10		R/L	SW8260
2,2-Dichloropropane	ND	7.9	ug/Kg	09/12/10		R/L	SW8260
2-Chlorotoluene	ND	7.9	ug/Kg	09/12/10		R/L	SW8260
2-Hexanone	ND	39	ug/Kg	09/12/10		R/L	SW8260
2-Isopropyltoluene	ND	7.9	ug/Kg	09/12/10		R/L	SW8260
4-Chlorotoluene	ND	7.9	ug/Kg	09/12/10		R/L	SW8260
4-Methyl-2-pentanone	ND	39	ug/Kg	09/12/10		R/L	SW8260
Acetone	ND	160	ug/Kg	09/12/10		R/L	SW8260
Acrylonitrile	ND	7.9	ug/Kg	09/12/10		R/L	SW8260
Benzene	ND	7.9	ug/Kg	09/12/10		R/L	SW8260
Bromobenzene	ND	7.9	ug/Kg	09/12/10		R/L	SW8260
Bromochloromethane	ND	7.9	ug/Kg	09/12/10		R/L	SW8260
Bromodichloromethane	ND	3.8	ug/Kg	09/12/10		R/L	SW8260
Bromoform	ND	7.9	ug/Kg	09/12/10		R/L	SW8260
Bromomethane	ND	7.9	ug/Kg	09/12/10		R/L	SW8260
Carbon Disulfide	ND	7.9	ug/Kg	09/12/10		R/L	SW8260
Carbon tetrachloride	ND	7.9	ug/Kg	09/12/10		R/L	SW8260
Chlorobenzene	ND	7.9	ug/Kg	09/12/10		R/L	SW8260
Chloroethane	ND	7.9	ug/Kg	09/12/10		R/L	SW8260
Chloroform	ND	7.9	ug/Kg	09/12/10		R/L	SW8260
Chloromethane	ND	7.9	ug/Kg	09/12/10		R/L	SW8260
cis-1,2-Dichloroethene	ND	7.9	ug/Kg	09/12/10		R/L	SW8260
cis-1,3-Dichloropropene	ND	7.9	ug/Kg	09/12/10		R/L	SW8260
Dibromochloromethane	ND	4.7	ug/Kg	09/12/10		R/L	SW8260
Dibromoethane	ND	7.9	ug/Kg	09/12/10		R/L	SW8260
Dibromomethane	ND	7.9	ug/Kg	09/12/10		R/L	SW8260
Dichlorodifluoromethane	ND	7.9	ug/Kg	09/12/10		R/L	SW8260
Ethylbenzene	ND	7.9	ug/Kg	09/12/10		R/L	SW8260
Hexachlorobutadiene	ND	7.9	ug/Kg	09/12/10		R/L	SW8260
Isopropylbenzene	ND	7.9	ug/Kg	09/12/10		R/L	SW8260
m&p-Xylene	ND	7.9	ug/Kg	09/12/10		R/L	SW8260
Methyl Ethyl Ketone	ND	47	ug/Kg	09/12/10		R/L	SW8260
Methyl t-butyl ether (MTBE)	ND	16	ug/Kg	09/12/10		R/L	SW8260
Methylene chloride	ND	7.9	ug/Kg	09/12/10		R/L	SW8260
Naphthalene	ND	7.9	ug/Kg	09/12/10		R/L	SW8260
n-Butylbenzene	ND	7.9	ug/Kg	09/12/10		R/L	SW8260
n-Propylbenzene	ND	7.9	ug/Kg	09/12/10		R/L	SW8260
o-Xylene	ND	7.9	ug/Kg	09/12/10		R/L	SW8260
p-Isopropyltoluene	ND	7.9	ug/Kg	09/12/10		R/L	SW8260
sec-Butylbenzene	ND	7.9	ug/Kg	09/12/10		R/L	SW8260
Styrene	ND	7.9	ug/Kg	09/12/10		R/L	SW8260
tert-Butylbenzene	ND	7.9	ug/Kg	09/12/10		R/L	SW8260
Tetrachloroethene	ND	7.9	ug/Kg	09/12/10		R/L	SW8260

Project ID: WESTBROOK SLE STATION
Client ID: RR-33 12-12.5

Phoenix I.D.: AZ53010

Parameter	Result	RL	Units	Date	Time	By	Reference
Tetrahydrofuran (THF)	ND	16	ug/Kg	09/12/10		R/L	SW8260
Toluene	ND	7.9	ug/Kg	09/12/10		R/L	SW8260
Total Xylenes	ND	7.9	ug/Kg	09/12/10		R/L	SW8260
trans-1,2-Dichloroethene	ND	7.9	ug/Kg	09/12/10		R/L	SW8260
trans-1,3-Dichloropropene	ND	7.9	ug/Kg	09/12/10		R/L	SW8260
trans-1,4-dichloro-2-butene	ND	16	ug/Kg	09/12/10		R/L	SW8260
Trichloroethene	ND	7.9	ug/Kg	09/12/10		R/L	SW8260
Trichlorofluoromethane	ND	7.9	ug/Kg	09/12/10		R/L	SW8260
Trichlorotrifluoroethane	ND	7.9	ug/Kg	09/12/10		R/L	SW8260
Vinyl chloride	ND	7.9	ug/Kg	09/12/10		R/L	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	99		%	09/12/10		R/L	SW8260
% Bromofluorobenzene	93		%	09/12/10		R/L	SW8260
% Dibromofluoromethane	100		%	09/12/10		R/L	SW8260
% Toluene-d8	96		%	09/12/10		R/L	SW8260
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	260	ug/Kg	09/12/10		HM	SW 8270
1,2,4-Trichlorobenzene	ND	260	ug/Kg	09/12/10		HM	SW 8270
1,2-Dichlorobenzene	ND	260	ug/Kg	09/12/10		HM	SW 8270
1,3-Dichlorobenzene	ND	260	ug/Kg	09/12/10		HM	SW 8270
1,4-Dichlorobenzene	ND	260	ug/Kg	09/12/10		HM	SW 8270
2,4,5-Trichlorophenol	ND	260	ug/Kg	09/12/10		HM	SW 8270
2,4,6-Trichlorophenol	ND	260	ug/Kg	09/12/10		HM	SW 8270
2,4-Dichlorophenol	ND	260	ug/Kg	09/12/10		HM	SW 8270
2,4-Dimethylphenol	ND	260	ug/Kg	09/12/10		HM	SW 8270
2,4-Dinitrophenol	ND	590	ug/Kg	09/12/10		HM	SW 8270
2,4-Dinitrotoluene	ND	260	ug/Kg	09/12/10		HM	SW 8270
2,6-Dinitrotoluene	ND	260	ug/Kg	09/12/10		HM	SW 8270
2-Chloronaphthalene	ND	260	ug/Kg	09/12/10		HM	SW 8270
2-Chlorophenol	ND	260	ug/Kg	09/12/10		HM	SW 8270
2-Methylnaphthalene	ND	260	ug/Kg	09/12/10		HM	SW 8270
2-Methylphenol (o-cresol)	ND	260	ug/Kg	09/12/10		HM	SW 8270
2-Nitroaniline	ND	590	ug/Kg	09/12/10		HM	SW 8270
2-Nitrophenol	ND	260	ug/Kg	09/12/10		HM	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	370	ug/Kg	09/12/10		HM	SW 8270
3,3'-Dichlorobenzidine	ND	450	ug/Kg	09/12/10		HM	SW 8270
3-Nitroaniline	ND	590	ug/Kg	09/12/10		HM	SW 8270
4,6-Dinitro-2-methylphenol	ND	1100	ug/Kg	09/12/10		HM	SW 8270
4-Bromophenyl phenyl ether	ND	370	ug/Kg	09/12/10		HM	SW 8270
4-Chloro-3-methylphenol	ND	260	ug/Kg	09/12/10		HM	SW 8270
4-Chloroaniline	ND	260	ug/Kg	09/12/10		HM	SW 8270
4-Chlorophenyl phenyl ether	ND	260	ug/Kg	09/12/10		HM	SW 8270
4-Nitroaniline	ND	590	ug/Kg	09/12/10		HM	SW 8270
4-Nitrophenol	ND	1100	ug/Kg	09/12/10		HM	SW 8270
Acenaphthene	ND	260	ug/Kg	09/12/10		HM	SW 8270
Acenaphthylene	ND	260	ug/Kg	09/12/10		HM	SW 8270
Acetophenone	ND	260	ug/Kg	09/12/10		HM	SW 8270
Aniline	ND	1100	ug/Kg	09/12/10		HM	SW 8270
Anthracene	ND	260	ug/Kg	09/12/10		HM	SW 8270

Project ID: WESTBROOK SLE STATION
Client ID: RR-33 12-12.5

Phoenix I.D.: AZ53010

Parameter	Result	RL	Units	Date	Time	By	Reference
Azobenzene	ND	370	ug/Kg	09/12/10		HM	SW 8270
Benz(a)anthracene	ND	260	ug/Kg	09/12/10		HM	SW 8270
Benzidine	ND	450	ug/Kg	09/12/10		HM	SW 8270
Benzo(a)pyrene	ND	260	ug/Kg	09/12/10		HM	SW 8270
Benzo(b)fluoranthene	ND	260	ug/Kg	09/12/10		HM	SW 8270
Benzo(ghi)perylene	ND	260	ug/Kg	09/12/10		HM	SW 8270
Benzo(k)fluoranthene	ND	260	ug/Kg	09/12/10		HM	SW 8270
Benzoic acid	ND	1100	ug/Kg	09/12/10		HM	SW 8270
Benzyl butyl phthalate	ND	260	ug/Kg	09/12/10		HM	SW 8270
Bis(2-chloroethoxy)methane	ND	260	ug/Kg	09/12/10		HM	SW 8270
Bis(2-chloroethyl)ether	ND	370	ug/Kg	09/12/10		HM	SW 8270
Bis(2-chloroisopropyl)ether	ND	260	ug/Kg	09/12/10		HM	SW 8270
Bis(2-ethylhexyl)phthalate	ND	260	ug/Kg	09/12/10		HM	SW 8270
Carbazole	ND	1100	ug/Kg	09/12/10		HM	SW 8270
Chrysene	ND	260	ug/Kg	09/12/10		HM	SW 8270
Dibenz(a,h)anthracene	ND	260	ug/Kg	09/12/10		HM	SW 8270
Dibenzofuran	ND	260	ug/Kg	09/12/10		HM	SW 8270
Diethyl phthalate	ND	260	ug/Kg	09/12/10		HM	SW 8270
Dimethylphthalate	ND	260	ug/Kg	09/12/10		HM	SW 8270
Di-n-butylphthalate	ND	260	ug/Kg	09/12/10		HM	SW 8270
Di-n-octylphthalate	ND	260	ug/Kg	09/12/10		HM	SW 8270
Fluoranthene	ND	260	ug/Kg	09/12/10		HM	SW 8270
Fluorene	ND	260	ug/Kg	09/12/10		HM	SW 8270
Hexachlorobenzene	ND	260	ug/Kg	09/12/10		HM	SW 8270
Hexachlorobutadiene	ND	260	ug/Kg	09/12/10		HM	SW 8270
Hexachlorocyclopentadiene	ND	260	ug/Kg	09/12/10		HM	SW 8270
Hexachloroethane	ND	260	ug/Kg	09/12/10		HM	SW 8270
Indeno(1,2,3-cd)pyrene	ND	260	ug/Kg	09/12/10		HM	SW 8270
Isophorone	ND	260	ug/Kg	09/12/10		HM	SW 8270
Naphthalene	ND	260	ug/Kg	09/12/10		HM	SW 8270
Nitrobenzene	ND	260	ug/Kg	09/12/10		HM	SW 8270
N-Nitrosodimethylamine	ND	370	ug/Kg	09/12/10		HM	SW 8270
N-Nitrosodi-n-propylamine	ND	260	ug/Kg	09/12/10		HM	SW 8270
N-Nitrosodiphenylamine	ND	370	ug/Kg	09/12/10		HM	SW 8270
Pentachloronitrobenzene	ND	370	ug/Kg	09/12/10		HM	SW 8270
Pentachlorophenol	ND	370	ug/Kg	09/12/10		HM	SW 8270
Phenanthrene	ND	260	ug/Kg	09/12/10		HM	SW 8270
Phenol	ND	260	ug/Kg	09/12/10		HM	SW 8270
Pyrene	ND	260	ug/Kg	09/12/10		HM	SW 8270
Pyridine	ND	370	ug/Kg	09/12/10		HM	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	105		%	09/12/10		HM	SW 8270
% 2-Fluorobiphenyl	68		%	09/12/10		HM	SW 8270
% 2-Fluorophenol	76		%	09/12/10		HM	SW 8270
% Nitrobenzene-d5	73		%	09/12/10		HM	SW 8270
% Phenol-d5	77		%	09/12/10		HM	SW 8270
% Terphenyl-d14	47		%	09/12/10		HM	SW 8270

TPH by GC (Extractable Products)

Ext. Petroleum HC	ND	11	mg/Kg	09/13/10		KCA	CT ETPH/8015

Project ID: WESTBROOK SLE STATION
Client ID: RR-33 12-12.5

Phoenix I.D.: AZ53010

Parameter	Result	RL	Units	Date	Time	By	Reference
Identification	ND		mg/Kg	09/13/10		KCA	CT ETPH/8015
QA/QC Surrogates							
% n-Pentacosane	72		%	09/13/10		KCA	CT ETPH/8015
Polychlorinated Biphenyls							
PCB-1016	ND	360	ug/Kg	09/13/10		MH	SW 8082
PCB-1221	ND	360	ug/Kg	09/13/10		MH	SW 8082
PCB-1232	ND	360	ug/Kg	09/13/10		MH	SW 8082
PCB-1242	ND	360	ug/Kg	09/13/10		MH	SW 8082
PCB-1248	ND	360	ug/Kg	09/13/10		MH	SW 8082
PCB-1254	ND	360	ug/Kg	09/13/10		MH	SW 8082
PCB-1260	ND	360	ug/Kg	09/13/10		MH	SW 8082
PCB-1262	ND	360	ug/Kg	09/13/10		MH	SW 8082
PCB-1268	ND	360	ug/Kg	09/13/10		MH	SW 8082
QA/QC Surrogates							
% DCBP	93		%	09/13/10		MH	SW 8082
% TCMX	91		%	09/13/10		MH	SW 8082

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director
October 07, 2010

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

October 07, 2010

QA/QC Data

SDG I.D.: GAZ53005

Parameter	Blank	Dup RPD	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch 161053, QC Sample No: AZ52805 (AZ53005, AZ53006, AZ53007, AZ53008, AZ53009, AZ53010)								
ICP Metals - Soil								
Arsenic	BDL	4.30	88.7	90.7	2.2	95.2	88.1	7.7
Barium	BDL	28.9	91.7	93.1	1.5	125	95.8	26.4
Cadmium	BDL	NC	91.9	98.0	6.4	98.4	89.9	9.0
Chromium	BDL	9.00	88.7	92.3	4.0	105	91.7	13.5
Lead	BDL	38.9	88.8	89.6	0.9	100	91.2	9.2
Selenium	BDL	NC	84.8	84.4	0.5	84.7	77.5	8.9
Silver	BDL	NC	88.0	89.5	1.7	105	95.2	9.8
QA/QC Batch 161074, QC Sample No: AZ52894 (AZ53005, AZ53006, AZ53007, AZ53008, AZ53009)								
Mercury	BDL	NC	97.7	93.0	4.9	99.8	89.1	11.3
QA/QC Batch 161144, QC Sample No: AZ53399 (AZ53010)								
Mercury	BDL	NC	103	121	16.1	115	116	0.9
QA/QC Batch 161825, QC Sample No: AZ57136 (AZ53005, AZ53008)								
ICP Metals - Aqueous Extraction								
Arsenic	BDL	NC	91.1	88.6	2.8	82.8	81.5	1.6
Lead	BDL	NC	97.6	93.7	4.1	95.8	92.8	3.2
QA/QC Batch 162553, QC Sample No: AZ60895 (AZ53006)								
ICP Metals - Aqueous Extraction								
Arsenic	BDL	NC	95.5	92.5	3.2	93.2	95.5	2.4
Lead	BDL	0.90	98.6	95.6	3.1	96.4	99.6	3.3

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QA/QC Report

October 07, 2010

QA/QC Data

SDG I.D.: GAZ53005

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch 160960, QC Sample No: AZ52826 (AZ53005, AZ53006, AZ53007, AZ53008, AZ53009, AZ53010)							
Polychlorinated Biphenyls							
PCB-1016	ND	80	95	17.1	87	79	9.6
PCB-1221	ND						
PCB-1232	ND						
PCB-1242	ND						
PCB-1248	ND						
PCB-1254	ND						
PCB-1260	ND	64	93	36.9	90	89	1.1
PCB-1262	ND						
PCB-1268	ND						
% DCBP (Surrogate Rec)	100	86	97	12.0	99	99	0.0
% TCMX (Surrogate Rec)	81	63	68	7.6	74	68	8.5
QA/QC Batch 161038, QC Sample No: AZ52894 (AZ53005, AZ53006, AZ53007, AZ53008)							
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	64	74	14.5	83	64	25.9
1,2,4-Trichlorobenzene	ND	59	68	14.2	76	57	28.6
1,2-Dichlorobenzene	ND	60	66	9.5	73	55	28.1
1,3-Dichlorobenzene	ND	60	65	8.0	71	53	29.0
1,4-Dichlorobenzene	ND	59	65	9.7	71	54	27.2
2,4,5-Trichlorophenol	ND	66	81	20.4	91	72	23.3
2,4,6-Trichlorophenol	ND	71	85	17.9	95	75	23.5
2,4-Dichlorophenol	ND	65	76	15.6	85	67	23.7
2,4-Dimethylphenol	ND	29	35	18.8	38	30	23.5
2,4-Dinitrophenol	ND	<5	<5	NC	NC	NC	NC
2,4-Dinitrotoluene	ND	58	71	20.2	78	62	22.9
2,6-Dinitrotoluene	ND	58	69	17.3	76	61	21.9
2-Chloronaphthalene	ND	61	71	15.2	79	62	24.1
2-Chlorophenol	ND	57	65	13.1	73	55	28.1
2-Methylnaphthalene	ND	58	68	15.9	77	60	24.8
2-Methylphenol (o-cresol)	ND	58	67	14.4	76	59	25.2
2-Nitroaniline	ND	>130	>130	NC	NC	NC	NC
2-Nitrophenol	ND	47	57	19.2	69	54	24.4
3&4-Methylphenol (m&p-cresol)	ND	71	84	16.8	93	73	24.1
3,3'-Dichlorobenzidine	ND	N/A	N/A	NC	N/A	N/A	NC
3-Nitroaniline	ND	75	91	19.3	93	79	16.3
4,6-Dinitro-2-methylphenol	ND	17	18	5.7	33	32	3.1
4-Bromophenyl phenyl ether	ND	69	81	16.0	88	71	21.4
4-Chloro-3-methylphenol	ND	62	75	19.0	82	65	23.1
4-Chloroaniline	ND	37	44	17.3	43	37	15.0
4-Chlorophenyl phenyl ether	ND	69	82	17.2	90	71	23.6
4-Nitroaniline	ND	59	71	18.5	78	62	22.9

QA/QC Data

SDG I.D.: GAZ53005

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
4-Nitrophenol	ND	41	50	19.8	64	40	46.2
Acenaphthene	ND	61	72	16.5	79	62	24.1
Acenaphthylene	ND	58	69	17.3	76	60	23.5
Acetophenone	ND	58	67	14.4	77	59	26.5
Aniline	ND	N/A	N/A	NC	N/A	N/A	NC
Anthracene	ND	62	75	19.0	82	66	21.6
Azobenzene	ND	54	64	16.9	70	55	24.0
Benz(a)anthracene	ND	64	76	17.1	81	67	18.9
Benzidine	ND	N/A	N/A	NC	N/A	N/A	NC
Benzo(a)pyrene	ND	63	76	18.7	81	67	18.9
Benzo(b)fluoranthene	ND	67	80	17.7	82	68	18.7
Benzo(ghi)perylene	ND	56	71	23.6	78	58	29.4
Benzo(k)fluoranthene	ND	66	80	19.2	82	68	18.7
Benzoic acid	ND	N/A	N/A	NC	N/A	N/A	NC
Benzyl butyl phthalate	ND	63	72	13.3	74	64	14.5
Bis(2-chloroethoxy)methane	ND	56	64	13.3	73	56	26.4
Bis(2-chloroethyl)ether	ND	53	60	12.4	68	51	28.6
Bis(2-chloroisopropyl)ether	ND	51	58	12.8	66	50	27.6
Bis(2-ethylhexyl)phthalate	ND	66	76	14.1	80	68	16.2
Carbazole	ND	64	80	22.2	87	68	24.5
Chrysene	ND	62	75	19.0	81	66	20.4
Dibenz(a,h)anthracene	ND	58	74	24.2	85	63	29.7
Dibenzofuran	ND	60	72	18.2	79	62	24.1
Diethyl phthalate	ND	62	74	17.6	81	65	21.9
Dimethylphthalate	ND	62	74	17.6	81	65	21.9
Di-n-butylphthalate	ND	62	73	16.3	81	64	23.4
Di-n-octylphthalate	ND	60	69	14.0	76	62	20.3
Fluoranthene	ND	65	80	20.7	88	70	22.8
Fluorene	ND	66	80	19.2	87	68	24.5
Hexachlorobenzene	ND	58	69	17.3	74	61	19.3
Hexachlorobutadiene	ND	63	71	11.9	80	61	27.0
Hexachlorocyclopentadiene	ND	40	52	26.1	30	29	3.4
Hexachloroethane	ND	54	60	10.5	61	47	25.9
Indeno(1,2,3-cd)pyrene	ND	57	72	23.3	82	61	29.4
Isophorone	ND	52	61	15.9	68	53	24.8
Naphthalene	ND	59	68	14.2	76	58	26.9
Nitrobenzene	ND	51	58	12.8	66	51	25.6
N-Nitrosodimethylamine	ND	36	47	26.5	49	38	25.3
N-Nitrosodi-n-propylamine	ND	56	66	16.4	70	58	18.8
N-Nitrosodiphenylamine	ND	68	82	18.7	89	70	23.9
Pentachloronitrobenzene	ND	60	71	16.8	80	65	20.7
Pentachlorophenol	ND	52	59	12.6	96	74	25.9
Phenanthrene	ND	61	73	17.9	79	64	21.0
Phenol	ND	60	69	14.0	78	60	26.1
Pyrene	ND	63	77	20.0	85	67	23.7
Pyridine	ND	6.1	7.2	16.5	7.4	5.7	26.0
% 2,4,6-Tribromophenol	79	62	76	20.3	83	68	19.9
% 2-Fluorobiphenyl	67	55	66	18.2	73	57	24.6
% 2-Fluorophenol	75	59	68	14.2	76	57	28.6
% Nitrobenzene-d5	61	48	55	13.6	62	48	25.5
% Phenol-d5	70	55	64	15.1	71	55	25.4
% Terphenyl-d14	71	54	67	21.5	76	59	25.2

QA/QC Data

SDG I.D.: GAZ53005

QA/QC Batch 161127, QC Sample No: AZ52897 (AZ53005, AZ53006, AZ53007, AZ53008, AZ53009, AZ53010)

Volatiles

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
1,1,1,2-Tetrachloroethane	ND	104	107	2.8	106	111	4.6
1,1,1-Trichloroethane	ND	88	90	2.2	100	104	3.9
1,1,2,2-Tetrachloroethane	ND	104	100	3.9	117	109	7.1
1,1,2-Trichloroethane	ND	98	101	3.0	102	105	2.9
1,1-Dichloroethane	ND	85	87	2.3	101	101	0.0
1,1-Dichloroethene	ND	69	73	5.6	98	101	3.0
1,1-Dichloropropene	ND	95	96	1.0	115	114	0.9
1,2,3-Trichlorobenzene	ND	150	123	19.8	124	106	15.7
1,2,3-Trichloropropane	ND	101	110	8.5	96	105	9.0
1,2,4-Trichlorobenzene	ND	>150	138	NC	138	128	7.5
1,2,4-Trimethylbenzene	ND	103	101	2.0	111	108	2.7
1,2-Dibromo-3-chloropropane	ND	98	90	8.5	95	86	9.9
1,2-Dichlorobenzene	ND	107	104	2.8	109	105	3.7
1,2-Dichloroethane	ND	92	92	0.0	100	97	3.0
1,2-Dichloropropane	ND	92	91	1.1	101	102	1.0
1,3,5-Trimethylbenzene	ND	101	98	3.0	110	106	3.7
1,3-Dichlorobenzene	ND	110	110	0.0	115	112	2.6
1,3-Dichloropropane	ND	95	98	3.1	101	100	1.0
1,4-Dichlorobenzene	ND	110	109	0.9	114	112	1.8
2,2-Dichloropropane	ND	91	96	5.3	104	104	0.0
2-Chlorotoluene	ND	99	98	1.0	110	107	2.8
2-Hexanone	ND	111	120	7.8	63	71	11.9
2-Isopropyltoluene	ND	108	103	4.7	111	105	5.6
4-Chlorotoluene	ND	103	101	2.0	114	111	2.7
4-Methyl-2-pentanone	ND	93	96	3.2	82	89	8.2
Acetone	ND	79	77	2.6	81	99	20.0
Acrylonitrile	ND	86	88	2.3	85	89	4.6
Benzene	ND	92	92	0.0	105	103	1.9
Bromobenzene	ND	101	100	1.0	107	106	0.9
Bromochloromethane	ND	93	96	3.2	103	103	0.0
Bromodichloromethane	ND	100	101	1.0	105	107	1.9
Bromoform	ND	109	119	8.8	106	115	8.1
Bromomethane	ND	80	84	4.9	92	95	3.2
Carbon Disulfide	ND	113	121	6.8	95	98	3.1
Carbon tetrachloride	ND	97	99	2.0	111	110	0.9
Chlorobenzene	ND	100	102	2.0	106	110	3.7
Chloroethane	ND	75	81	7.7	89	93	4.4
Chloroform	ND	86	88	2.3	99	98	1.0
Chloromethane	ND	72	71	1.4	107	100	6.8
cis-1,2-Dichloroethene	ND	89	92	3.3	104	102	1.9
cis-1,3-Dichloropropene	ND	106	109	2.8	110	111	0.9
Dibromochloromethane	ND	106	107	0.9	106	110	3.7
Dibromoethane	ND	101	107	5.8	105	109	3.7
Dibromomethane	ND	96	96	0.0	101	102	1.0
Dichlorodifluoromethane	ND	97	96	1.0	133	130	2.3
Ethylbenzene	ND	97	99	2.0	106	108	1.9
Hexachlorobutadiene	ND	143	121	16.7	131	109	18.3
Isopropylbenzene	ND	89	87	2.3	108	102	5.7
m&p-Xylene	ND	101	101	0.0	111	113	1.8
Methyl ethyl ketone	ND	85	84	1.2	67	65	3.0

QA/QC Data

SDG I.D.: GAZ53005

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
Methyl t-butyl ether (MTBE)	ND	107	107	0.0	105	104	1.0
Methylene chloride	ND	70	75	6.9	89	92	3.3
Naphthalene	ND	125	107	15.5	105	99	5.9
n-Butylbenzene	ND	111	108	2.7	115	112	2.6
n-Propylbenzene	ND	103	102	1.0	113	111	1.8
o-Xylene	ND	104	107	2.8	106	110	3.7
p-Isopropyltoluene	ND	110	107	2.8	116	112	3.5
sec-Butylbenzene	ND	98	96	2.1	108	104	3.8
Styrene	ND	105	110	4.7	105	111	5.6
tert-Butylbenzene	ND	99	96	3.1	109	103	5.7
Tetrachloroethene	ND	110	112	1.8	126	128	1.6
Tetrahydrofuran (THF)	ND	81	81	0.0	88	87	1.1
Toluene	ND	98	100	2.0	106	109	2.8
trans-1,2-Dichloroethene	ND	85	94	10.1	114	116	1.7
trans-1,3-Dichloropropene	ND	108	109	0.9	107	111	3.7
trans-1,4-dichloro-2-butene	ND	101	110	8.5	96	105	9.0
Trichloroethene	ND	90	90	0.0	100	100	0.0
Trichlorofluoromethane	ND	85	91	6.8	107	109	1.9
Trichlorotrifluoroethane	ND	86	91	5.6	101	104	2.9
Vinyl chloride	ND	75	75	0.0	104	98	5.9
% 1,2-dichlorobenzene-d4	95	98	98	0.0	98	97	1.0
% Bromofluorobenzene	97	95	103	8.1	93	104	11.2
% Dibromofluoromethane	99	102	104	1.9	101	103	2.0
% Toluene-d8	100	99	102	3.0	99	102	3.0

QA/QC Batch 161192, QC Sample No: AZ52947 (AZ53005)

Volatiles

1,1,1,2-Tetrachloroethane	ND	110	107	2.8	106	104	1.9
1,1,1-Trichloroethane	ND	101	99	2.0	102	95	7.1
1,1,2,2-Tetrachloroethane	ND	106	111	4.6	113	115	1.8
1,1,2-Trichloroethane	ND	106	108	1.9	106	107	0.9
1,1-Dichloroethane	ND	95	95	0.0	98	93	5.2
1,1-Dichloroethene	ND	97	92	5.3	99	89	10.6
1,1-Dichloropropene	ND	98	102	4.0	107	109	1.9
1,2,3-Trichlorobenzene	ND	125	148	16.8	126	142	11.9
1,2,3-Trichloropropane	ND	115	111	3.5	112	104	7.4
1,2,4-Trichlorobenzene	ND	137	>150	NC	139	>150	NC
1,2,4-Trimethylbenzene	ND	104	110	5.6	105	108	2.8
1,2-Dibromo-3-chloropropane	ND	97	108	10.7	101	100	1.0
1,2-Dichlorobenzene	ND	105	111	5.6	105	108	2.8
1,2-Dichloroethane	ND	98	99	1.0	98	97	1.0
1,2-Dichloropropane	ND	95	97	2.1	99	98	1.0
1,3,5-Trimethylbenzene	ND	101	106	4.8	102	106	3.8
1,3-Dichlorobenzene	ND	110	114	3.6	110	113	2.7
1,3-Dichloropropane	ND	101	97	4.0	102	96	6.1
1,4-Dichlorobenzene	ND	109	113	3.6	111	112	0.9
2,2-Dichloropropane	ND	102	100	2.0	106	99	6.8
2-Chlorotoluene	ND	102	106	3.8	102	106	3.8
2-Hexanone	ND	124	121	2.4	83	74	11.5
2-Isopropyltoluene	ND	103	109	5.7	107	111	3.7
4-Chlorotoluene	ND	108	109	0.9	109	110	0.9
4-Methyl-2-pentanone	ND	104	107	2.8	103	97	6.0
Acetone	ND	88	95	7.7	54	58	7.1

QA/QC Data

SDG I.D.: GAZ53005

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
Acrylonitrile	ND	96	102	6.1	100	99	1.0
Benzene	ND	99	98	1.0	100	100	0.0
Bromobenzene	ND	105	106	0.9	103	105	1.9
Bromochloromethane	ND	101	103	2.0	104	97	7.0
Bromodichloromethane	ND	102	105	2.9	102	104	1.9
Bromoform	ND	122	119	2.5	113	105	7.3
Bromomethane	ND	94	94	0.0	91	80	12.9
Carbon Disulfide	ND	89	86	3.4	94	83	12.4
Carbon tetrachloride	ND	102	105	2.9	104	105	1.0
Chlorobenzene	ND	104	104	0.0	106	102	3.8
Chloroethane	ND	93	91	2.2	88	80	9.5
Chloroform	ND	96	95	1.0	97	92	5.3
Chloromethane	ND	93	103	10.2	103	108	4.7
cis-1,2-Dichloroethene	ND	103	100	3.0	103	98	5.0
cis-1,3-Dichloropropene	ND	111	112	0.9	111	112	0.9
Dibromochloromethane	ND	111	109	1.8	107	103	3.8
Dibromoethane	ND	111	116	4.4	113	112	0.9
Dibromomethane	ND	101	105	3.9	100	104	3.9
Dichlorodifluoromethane	ND	132	147	10.8	132	128	3.1
Ethylbenzene	ND	101	102	1.0	103	101	2.0
Hexachlorobutadiene	ND	121	141	15.3	126	145	14.0
Isopropylbenzene	ND	89	94	5.5	96	102	6.1
m&p-Xylene	ND	105	106	0.9	108	105	2.8
Methyl ethyl ketone	ND	94	99	5.2	79	75	5.2
Methyl t-butyl ether (MTBE)	ND	106	105	0.9	109	108	0.9
Methylene chloride	ND	86	84	2.4	86	78	9.8
Naphthalene	ND	112	129	14.1	118	126	6.6
n-Butylbenzene	ND	109	115	5.4	111	115	3.5
n-Propylbenzene	ND	105	110	4.7	105	109	3.7
o-Xylene	ND	105	104	1.0	108	104	3.8
p-Isopropyltoluene	ND	109	115	5.4	109	113	3.6
sec-Butylbenzene	ND	98	104	5.9	100	105	4.9
Styrene	ND	107	105	1.9	110	105	4.7
tert-Butylbenzene	ND	99	105	5.9	99	106	6.8
Tetrachloroethene	ND	113	113	0.0	122	116	5.0
Tetrahydrofuran (THF)	ND	93	100	7.3	97	95	2.1
Toluene	ND	105	107	1.9	106	108	1.9
trans-1,2-Dichloroethene	ND	112	98	13.3	113	109	3.6
trans-1,3-Dichloropropene	ND	112	116	3.5	111	112	0.9
trans-1,4-dichloro-2-butene	ND	115	111	3.5	112	104	7.4
Trichloroethene	ND	96	96	0.0	97	98	1.0
Trichlorofluoromethane	ND	104	100	3.9	105	96	9.0
Trichlorotrifluoroethane	ND	99	98	1.0	106	96	9.9
Vinyl chloride	ND	96	105	9.0	97	91	6.4
% 1,2-dichlorobenzene-d4	97	97	100	3.0	97	99	2.0
% Bromofluorobenzene	95	103	95	8.1	102	95	7.1
% Dibromofluoromethane	96	105	106	0.9	108	101	6.7
% Toluene-d8	101	102	101	1.0	101	102	1.0

Comment:

Actual spiked sample was AZ53233.

QA/QC Data

SDG I.D.: GAZ53005

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch 161044, QC Sample No: AZ53005 (AZ53005, AZ53006, AZ53007, AZ53008, AZ53009, AZ53010)							
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	92	78	16.5	99	94	5.2
% n-Pentacosane	77	87	76	13.5	75	75	0.0
QA/QC Batch 161054, QC Sample No: AZ53008 (AZ53005, AZ53008)							
Pesticides							
4,4' -DDD	ND	65	84	25.5	77	73	5.3
4,4' -DDE	ND	70	92	27.2	81	78	3.8
4,4' -DDT	ND	68	92	30.0	82	78	5.0
a-BHC	ND	74	95	24.9	86	82	4.8
a-Chlordane	ND	73	95	26.2	85	82	3.6
Alachlor	ND	N/A	N/A	NC	N/A	N/A	NC
Aldrin	ND	77	98	24.0	88	84	4.7
b-BHC	ND	72	94	26.5	82	82	0.0
Chlordane	ND	N/A	N/A	NC	N/A	N/A	NC
d-BHC	ND	72	93	25.5	85	79	7.3
Dieldrin	ND	72	94	26.5	84	81	3.6
Endosulfan I	ND	70	92	27.2	84	80	4.9
Endosulfan II	ND	67	88	27.1	84	81	3.6
Endosulfan sulfate	ND	63	89	34.2	84	81	3.6
Endrin	ND	72	94	26.5	88	84	4.7
Endrin aldehyde	ND	78	107	31.4	107	103	3.8
Endrin ketone	ND	68	93	31.1	84	81	3.6
g-BHC	ND	74	95	24.9	86	82	4.8
g-Chlordane	ND	72	95	27.5	84	81	3.6
Heptachlor	ND	72	95	27.5	85	82	3.6
Heptachlor epoxide	ND	74	96	25.9	86	83	3.6
Methoxychlor	ND	67	92	31.4	82	80	2.5
Toxaphene	ND	N/A	N/A	NC	N/A	N/A	NC
% DCBP	84	77	100	26.0	91	88	3.4
% TCMX	55	71	88	21.4	78	76	2.6
QA/QC Batch 161056, QC Sample No: AZ53009 (AZ53009, AZ53010)							
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	63	62	1.6	75	86	13.7
1,2,4-Trichlorobenzene	ND	59	58	1.7	68	77	12.4
1,2-Dichlorobenzene	ND	61	58	5.0	70	79	12.1
1,3-Dichlorobenzene	ND	60	57	5.1	67	76	12.6
1,4-Dichlorobenzene	ND	60	57	5.1	67	77	13.9
2,4,5-Trichlorophenol	ND	65	63	3.1	85	100	16.2
2,4,6-Trichlorophenol	ND	61	59	3.3	75	87	14.8
2,4-Dichlorophenol	ND	67	65	3.0	78	92	16.5
2,4-Dimethylphenol	ND	35	34	2.9	42	47	11.2
2,4-Dinitrophenol	ND	<5	<5	NC	NC	NC	NC
2,4-Dinitrotoluene	ND	51	53	3.8	65	76	15.6
2,6-Dinitrotoluene	ND	61	60	1.7	70	82	15.8
2-Chloronaphthalene	ND	62	61	1.6	71	82	14.4
2-Chlorophenol	ND	58	57	1.7	67	78	15.2
2-Methylnaphthalene	ND	61	60	1.7	72	83	14.2
2-Methylphenol (o-cresol)	ND	58	56	3.5	67	79	16.4
2-Nitroaniline	ND	71	79	10.7	90	98	8.5
2-Nitrophenol	ND	57	55	3.6	71	81	13.2

QA/QC Data

SDG I.D.: GAZ53005

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
3&4-Methylphenol (m&p-cresol)	ND	61	59	3.3	69	81	16.0
3,3'-Dichlorobenzidine	ND	N/A	N/A	NC	N/A	N/A	NC
3-Nitroaniline	ND	72	72	0.0	81	88	8.3
4,6-Dinitro-2-methylphenol	ND	13	12	8.0	12	13	8.0
4-Bromophenyl phenyl ether	ND	74	73	1.4	87	104	17.8
4-Chloro-3-methylphenol	ND	73	67	8.6	88	104	16.7
4-Chloroaniline	ND	44	43	2.3	48	50	4.1
4-Chlorophenyl phenyl ether	ND	66	66	0.0	82	94	13.6
4-Nitroaniline	ND	67	66	1.5	79	92	15.2
4-Nitrophenol	ND	35	39	10.8	47	47	0.0
Acenaphthene	ND	60	60	0.0	73	84	14.0
Acenaphthylene	ND	62	61	1.6	74	84	12.7
Acetophenone	ND	61	59	3.3	68	79	15.0
Aniline	ND	N/A	N/A	NC	N/A	N/A	NC
Anthracene	ND	63	64	1.6	76	88	14.6
Azobenzene	ND	63	62	1.6	80	93	15.0
Benz(a)anthracene	ND	62	64	3.2	75	88	16.0
Benzidine	ND	N/A	N/A	NC	N/A	N/A	NC
Benzo(a)pyrene	ND	62	63	1.6	75	85	12.5
Benzo(b)fluoranthene	ND	61	65	6.3	73	84	14.0
Benzo(ghi)perylene	ND	67	60	11.0	64	72	11.8
Benzo(k)fluoranthene	ND	63	64	1.6	76	84	10.0
Benzoic acid	ND	N/A	N/A	NC	N/A	N/A	NC
Benzyl butyl phthalate	ND	53	58	9.0	71	81	13.2
Bis(2-chloroethoxy)methane	ND	64	63	1.6	75	86	13.7
Bis(2-chloroethyl)ether	ND	61	59	3.3	71	80	11.9
Bis(2-chloroisopropyl)ether	ND	62	61	1.6	72	84	15.4
Bis(2-ethylhexyl)phthalate	ND	60	64	6.5	81	93	13.8
Carbazole	ND	55	64	15.1	55	63	13.6
Chrysene	ND	65	66	1.5	78	90	14.3
Dibenz(a,h)anthracene	ND	68	63	7.6	72	84	15.4
Dibenzofuran	ND	62	62	0.0	76	88	14.6
Diethyl phthalate	ND	57	58	1.7	70	81	14.6
Dimethylphthalate	ND	63	63	0.0	72	83	14.2
Di-n-butylphthalate	ND	50	60	18.2	59	69	15.6
Di-n-octylphthalate	ND	69	70	1.4	94	109	14.8
Fluoranthene	ND	52	64	20.7	49	58	16.8
Fluorene	ND	65	64	1.6	84	96	13.3
Hexachlorobenzene	ND	70	68	2.9	84	99	16.4
Hexachlorobutadiene	ND	60	59	1.7	69	79	13.5
Hexachlorocyclopentadiene	ND	31	27	13.8	5.9	4.8	20.6
Hexachloroethane	ND	60	58	3.4	57	65	13.1
Indeno(1,2,3-cd)pyrene	ND	68	63	7.6	71	82	14.4
Isophorone	ND	62	62	0.0	73	83	12.8
Naphthalene	ND	61	60	1.7	72	82	13.0
Nitrobenzene	ND	60	58	3.4	70	81	14.6
N-Nitrosodimethylamine	ND	61	54	12.2	61	66	7.9
N-Nitrosodi-n-propylamine	ND	63	61	3.2	72	83	14.2
N-Nitrosodiphenylamine	ND	65	64	1.6	84	97	14.4
Pentachloronitrobenzene	ND	60	63	4.9	69	81	16.0
Pentachlorophenol	ND	38	39	2.6	55	64	15.1
Phenanthrene	ND	61	61	0.0	74	86	15.0
Phenol	ND	63	60	4.9	70	82	15.8

QA/QC Data

SDG I.D.: GAZ53005

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
Pyrene	ND	50	62	21.4	46	54	16.0
Pyridine	ND	9.5	8.1	15.9	9.7	9.0	7.5
% 2,4,6-Tribromophenol	95	76	74	2.7	96	110	13.6
% 2-Fluorobiphenyl	70	55	56	1.8	64	72	11.8
% 2-Fluorophenol	72	58	56	3.5	66	75	12.8
% Nitrobenzene-d5	71	53	51	3.8	66	75	12.8
% Phenol-d5	76	59	58	1.7	68	78	13.7
% Terphenyl-d14	64	46	59	24.8	41	48	15.7

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria

Phyllis Shiller, Laboratory Director
October 07, 2010

Sample Criteria Exceedences Report

Requested Criteria: GAM, RC, RV

GAZ53005

SampNo	LocCode	Acode	Phoenix Analyte	Criteria Units	ST	State Category	Criteria Name	Result	RL	Factored Criteria	Factored RL Criteria	Analysis Units
AZ53005	DTECHDAS	$8260MAR	Bromodichloromethane	ppm	CT	Volatile Organic Compound	Proposed RES SVVC (	ND	6.3	3.8	3.8	ug/Kg
AZ53005	DTECHDAS	$8260MAR	Dibromoethane	ppm	CT	Volatile Organic Compound	Proposed RES SVVC (	ND	6.3	0.5	0.5	ug/Kg
AZ53005	DTECHDAS	$8260MAR	1,1,2,2-Tetrachloroethane	ppm	CT	Volatile Organic Compound	Proposed RES SVVC (	ND	3.8	1.2	1.2	ug/Kg
AZ53005	DTECHDAS	$8270-SMR	Benz(a)anthracene	mg/kg	CT	Semivolatile Organic Comp	GA/GAA PMC (mg/kg)	1700	510	1000	1000	ug/Kg
AZ53005	DTECHDAS	$8270-SMR	Benz(a)anthracene	mg/kg	CT	Semivolatile Organic Comp	RES DEC (mg/kg)	1700	510	1000	1000	ug/Kg
AZ53005	DTECHDAS	$8270-SMR	Benzo(b)fluoranthene	mg/kg	CT	Semivolatile Organic Comp	GA/GAA PMC (mg/kg)	2000	510	1000	1000	ug/Kg
AZ53005	DTECHDAS	$8270-SMR	Benzo(b)fluoranthene	mg/kg	CT	Semivolatile Organic Comp	RES DEC (mg/kg)	2000	510	1000	1000	ug/Kg
AZ53005	DTECHDAS	$8270-SMR	Benzo(a)pyrene	mg/kg	CT	Semivolatile Organic Comp	GA/GAA PMC (mg/kg)	1300	510	1000	1000	ug/Kg
AZ53005	DTECHDAS	$8270-SMR	Benzo(a)pyrene	mg/kg	CT	Semivolatile Organic Comp	RES DEC (mg/kg)	1300	510	1000	1000	ug/Kg
AZ53005	DTECHDAS	SPLP-PB	SPLP Lead	mg/l	CT	Inorganic Substances	GA/GAA PMC (mg/l)**	0.176	0.010	0.015	0.015	mg/L
AZ53006	DTECHDAS	$8260MAR	Dibromoethane	ppm	CT	Volatile Organic Compound	Proposed RES SVVC (	ND	4.5	0.5	0.5	ug/Kg
AZ53006	DTECHDAS	SPLP-PB	SPLP Lead	mg/l	CT	Inorganic Substances	GA/GAA PMC (mg/l)**	0.038	0.010	0.015	0.015	mg/L
AZ53007	DTECHDAS	$8260MAR	Dibromoethane	ppm	CT	Volatile Organic Compound	Proposed RES SVVC (	ND	5.8	0.5	0.5	ug/Kg
AZ53008	DTECHDAS	$8260MAR	Dibromoethane	ppm	CT	Volatile Organic Compound	Proposed RES SVVC (	ND	5.6	0.5	0.5	ug/Kg
AZ53008	DTECHDAS	SPLP-PB	SPLP Lead	mg/l	CT	Inorganic Substances	GA/GAA PMC (mg/l)**	0.271	0.010	0.015	0.015	mg/L
AZ53009	DTECHDAS	$8260MAR	Dibromoethane	ppm	CT	Volatile Organic Compound	Proposed RES SVVC (	ND	5.2	0.5	0.5	ug/Kg
AZ53010	DTECHDAS	$8260MAR	Dibromoethane	ppm	CT	Volatile Organic Compound	Proposed RES SVVC (	ND	7.9	0.5	0.5	ug/Kg
AZ53010	DTECHDAS	$8260MAR	Dibromoethane	mg/kg	CT	Volatile Organic Compound	RES DEC (mg/kg)	ND	7.9	7	7	ug/Kg

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Reasonable Confidence Protocol
Laboratory Analysis QA/QC Certification Form

Laboratory Name: Phoenix Environmental Labs, Inc. **Client:** DTECHDAS

Project Location: WESTBROOK SLE STATION **Project Number:**

Laboratory Sample ID(s): AZ53005, AZ53006, AZ53007, AZ53008, AZ53009, AZ53010

Sampling Date(s): 9/9/2010

RCP Methods Used:

☐ 1311/1312 ☑ 6010 ☐ 7000 ☐ 7196 ☑ 7470/7471 ☑ 8081 ☐ EPH ☐ TO15

☑ 8082 ☐ 8151 ☑ 8260 ☑ 8270 ☑ ETPH ☐ 9010/9012 ☐ VPH

1.	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed (including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence	☑ Yes ☐ No
1a.	Were the method specified preservation and holding time requirements met?	☑ Yes ☐ No
1b.	EPH and VPH methods only: Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	☐ Yes ☐ No ☑ NA
2.	Were all samples received by the laboratory in a condition consistent with that described on the associated Chain-of-Custody document(s)?	☑ Yes ☐ No
3.	Were samples received at an appropriate temperature (< 6 Degrees C)?	☑ Yes ☐ No ☐ NA
4.	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents acheived? See Sections: Mercury Narration, PCB Narration, PEST Narration, SVOA Narration, VOA Narration.	☐ Yes ☑ No
5a.	Were reporting limits specified or referenced on the chain-of-custody?	☑ Yes ☐ No
5b.	Were these reporting limits met?	☐ Yes ☑ No ☐ NA
6.	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☑ Yes ☐ No ☐ NA
7.	Are project-specific QC samples included in the data set?	☑ Yes ☐ No ☐ NA

Note: For all questions to which the response was "No" (with the exception of question #5a, #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence"

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowlegde and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature: _____

Date: Thursday, October 07, 2010

Printed Name: Greg Lawrence

Position: Assistant Lab Director

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

RCP Certification Report

October 07, 2010

SDG I.D.: GAZ53005

Volatile 8260 analysis:
Dibromoethane doesn't meet RES SV criteria, this compound is analyzed by GC/ECD method 8011 when this criteria needs to be met.

ETPH Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Au-fid1 09/11/10-1 (AZ53005, AZ53006, AZ53007, AZ53008, AZ53010)

Initial Calibration (FID1 - ETPH_1) - The initial calibration curve was within method criteria and had a %RSD less than 30%.

The daily continuing calibration standard was within method criteria of +/- 30% RSD.

As per section 7.2.3, a discrimination check standard was run and contained the following outliers:

Printed Name Keith Aloisa
Position: Chemist
Date: 9/11/2010

Instrument: Au-fid1 09/13/10-1 (AZ53009)

Initial Calibration (FID1 - ETPH_1) - The initial calibration curve was within method criteria and had a %RSD less than 30%.

The daily continuing calibration standard was within method criteria of +/- 30% RSD.

As per section 7.2.3, a discrimination check standard was run and contained the following outliers: none

Printed Name Keith Aloisa
Position: Chemist
Date: 9/13/2010

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Tel. (860) 645-1102 Fax (860) 645-0823

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RCP Certification Report

October 07, 2010

SDG I.D.: GAZ53005

QC (Site Specific)

---------- Sample No: AZ53005 ----------

All LCS recoveries were within 50 - 150 with the following exceptions: None.

All LCSD recoveries were within 50 - 150 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

All MS recoveries were within 50 - 150 with the following exceptions: None.

All MSD recoveries were within 50 - 150 with the following exceptions: None.

All MS/MSD RPDs were less than 30% with the following exceptions: None.

A matrix effect is suspected when a MS/MSD recovery is outside of criteria. No further action is required if LCS/LCSD compounds are within criteria.

Mercury Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? No.

The LCSD recovery is slightly above the upper range. All of the other QC is within the acceptable range. No significant bias is suspected.

Instrument: Merlin 09/13/10-1 (AZ53005, AZ53006, AZ53007, AZ53008, AZ53009)

The method preparation blank contains all of the acids and reagents as the samples; the instrument blanks do not.
The initial calibration met all criteria including a standard run at or below the reporting level.
All calibration verification standards (ICV, CCV) met criteria.
All calibration blank verification standards (ICB, CCB) met criteria.
The matrix spike sample is used to identify spectral interfernce for each batch of samples, if within 85-115%, no interference is observed and no further action is taken.

Printed Name Rick Schweitzer
Position: Chemist
Date: 9/13/2010

Instrument: Merlin 09/14/10-1 (AZ53010)

The method preparation blank contains all of the acids and reagents as the samples; the instrument blanks do not.
The initial calibration met all criteria including a standard run at or below the reporting level.
All calibration verification standards (ICV, CCV) met criteria.
All calibration blank verification standards (ICB, CCB) met criteria.
The matrix spike sample is used to identify spectral interfernce for each batch of samples, if within 85-115%, no interference is observed and no further action is taken.

Printed Name Rick Schweitzer
Position: Chemist
Date: 9/14/2010

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587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

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RCP Certification Report

October 07, 2010

SDG I.D.: GAZ53005

QC (Batch Specific)

All LCS recoveries were within 80 - 120 with the following exceptions: None.

All LCSD recoveries were within 80 - 120 with the following exceptions: Mercury

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

ICP Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Icp7 09/24/10-1 (AZ53005, AZ53008)

The initial calibration met criteria.
The continuing calibration standards met criteria for all the elements reported. The linear range is defined daily by the calibration range.
The continuing calibration blanks were less than the reporting level for the elements reported.
The ICSA and ICSAB were analyzed at the beginning and end of the run and were within criteria.

Printed Name Emily Kolominskaya
Position: Chemist
Date: 9/24/2010

Instrument: Icp7 10/04/10-1 (AZ53006)

The initial calibration met criteria.
The continuing calibration standards met criteria for all the elements reported. The linear range is defined daily by the calibration range.
The continuing calibration blanks were less than the reporting level for the elements reported.
The ICSA and ICSAB were analyzed at the beginning and end of the run and were within criteria.

Printed Name Emily Kolominskaya
Position: Chemist
Date: 10/4/2010

Instrument: Icp9 09/12/10-1 (AZ53005, AZ53006, AZ53007, AZ53008, AZ53009, AZ53010)

The initial calibration met criteria.
The continuing calibration standards met criteria for all the elements reported. The linear range is defined daily by the calibration range.
The continuing calibration blanks were less than the reporting level for the elements reported.
The ICSA and ICSAB were analyzed at the beginning and end of the run and were within criteria.

Printed Name Emily Kolominskaya
Position: Chemist
Date: 9/12/2010

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Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

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RCP Certification Report

October 07, 2010

SDG I.D.: GAZ53005

QC (Batch Specific)

All LCS recoveries were within 75 - 125 with the following exceptions: None.

All LCSD recoveries were within 75 - 125 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

PCB Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? No.

The LCS/LCSD RPD for PCB-1260 is above the criteria. Both recoveries are within criteria.

Instrument: Au-ecd8 09/13/10-1 (AZ53005, AZ53006, AZ53007, AZ53008, AZ53009, AZ53010)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Michael Hahn
Position: Chemist
Date: 9/13/2010

QC (Batch Specific)

All LCS recoveries were within 30 - 130 with the following exceptions: None.

All LCSD recoveries were within 30 - 130 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: PCB-1260

PEST Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? No.

Several of the LCS/LCSD RPDs are above the criteria. Both of the recoveries are within the acceptable range. No significant bias is suspected.

Instrument: Au-ecd13 09/14/10-1 (AZ53005, AZ53008)

8081 Narration:

Endrin and DDT breakdown was evaluated and is below 15%.

The initial calibration RSD for the compound list was less than 15% except for the following compounds: None

The continuing calibration standards were within acceptance criteria except for the following compounds: None

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Tel. (860) 645-1102 Fax (860) 645-0823

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RCP Certification Report

October 07, 2010

SDG I.D.: GAZ53005

Printed Name	Michael Hahn
Position:	Chemist
Date:	9/14/2010

QC (Site Specific)

---------- Sample No: AZ53008 ----------

All LCS recoveries were within 30 - 130 with the following exceptions: None.

All LCSD recoveries were within 30 - 130 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: Endosulfan sulfate, Endrin aldehyde, Endrin ketone, Methoxychlor

All MS recoveries were within 30 - 130 with the following exceptions: None.

All MSD recoveries were within 30 - 130 with the following exceptions: None.

All MS/MSD RPDs were less than 30% with the following exceptions: None.

A matrix effect is suspected when a MS/MSD recovery is outside of criteria. No further action is required if LCS/LCSD compounds are within criteria.

SVOA Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? No.

2,4 Dinitrophenol, 4,6-Dinitro-2-methylphenol and pyridine have low LCS/LCSD recovery. A low bias for these compounds is possible. 2-Nitroaniline has LCS/LCSD recovery above the upper range. This compound was not detected in the samples. No significant analytical bias is suspected.

Instrument: Chem06 09/12/10-1 (AZ53005, AZ53006, AZ53007, AZ53008, AZ53009, AZ53010)

The DDT breakdown and pentachlorophenol & benzidine peak tailing were not evaluated in the DFTPP tune.

Initial Calibration (Chem06/SV_0912):
Greater than 90% of the target compounds met calibration criteria with a RSD <20% or >0.99 correlation coefficient. The following compounds had RSDs >20% and <0.99 correlation coefficient: N-nitrosodimethylamine, Pyridine, 3-nitroaniline

The following compounds failed to meet the minimum required response factor: 2-nitrophenol, Hexachlorobenzene, % 2,4,6-tribromophenol

Continuing Calibration:
Greater than 80% of target compounds met continuing calibration criteria with a %D <20. The following compounds had >20% difference from the initial calibration: Benzaldehyde, Hexachlorocyclopentadiene, 3-Nitroaniline, 2,4-Dinitrophenol, 4-Nitrophenol, 2-Nitroaniline, Carbazole, Di-n-butylphthalate, Fluoranthene, Pyrene, % Terphenyl-d14

Printed Name	Harry Mullin
Position:	Chemist
Date:	9/12/2010

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Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

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October 07, 2010

SDG I.D.: GAZ53005

Instrument: Chem06 09/17/10-1 (AZ53006)

The DDT breakdown and pentachlorophenol & benzidine peak tailing were not evaluated in the DFTPP tune.

Initial Calibration (Chem06/SV_0914):
Greater than 90% of the target compounds met calibration criteria with a RSD <20% or >0.99 correlation coefficient. The following compounds had RSDs >20% and <0.99 correlation coefficient: Benzoic Acid, Hexachlorocyclopentadiene, 3-nitroaniline, 2,4-dinitrophenol, 4,6-dinitro-2-methylphenol, Pentachlorophenol

The following compounds failed to meet the minimum required response factor: 2-nitrophenol, Hexachlorobenzene, % 2,4,6-tribromophenol

Continuing Calibration:
Greater than 80% of target compounds met continuing calibration criteria with a %D <20. The following compounds had >20% difference from the initial calibration: 3-Nitroaniline, 2,4-Dinitrophenol, 2,4-Dinitrotoluene, 4,6-Dinitro-2-methylphenol

Printed Name Harry Mullin
Position: Chemist
Date: 9/17/2010

Instrument: Chem07 09/15/10-1 (AZ53006)

The DDT breakdown and pentachlorophenol & benzidine peak tailing were not evaluated in the DFTPP tune.

Initial Calibration (Chem07/SV_0912):
Greater than 90% of the target compounds met calibration criteria with a RSD <20% or >0.99 correlation coefficient. The following compounds had RSDs >20% and <0.99 correlation coefficient: Hexachlorocyclopentadiene, 3-nitroaniline, 2,4-dinitrophenol, 2-nitrophenol, pentachlorophenol

The following compounds failed to meet the minimum required response factor: Hexachlorobenzene
Continuing Calibration:
Greater than 80% of target compounds met continuing calibration criteria with a %D <20. The following compunds had >20% difference from the initial calibration: Benzaldehyde, 3-Nitroaniline, 2-Nitroaniline, Carbazole

Printed Name Harry Mullin
Position: Chemist
Date: 9/15/2010

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Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

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RCP Certification Report

October 07, 2010

SDG I.D.: GAZ53005

QC (Site Specific)

---------- Sample No: AZ53009 ----------

All LCS recoveries were within 30 - 130 with the following exceptions: 2,4-Dinitrophenol, 4,6-Dinitro-2-methylphenol, Pyridine

All LCSD recoveries were within 30 - 130 with the following exceptions: 2,4-Dinitrophenol, 4,6-Dinitro-2-methylphenol, Hexachlorocyclopentadiene, Pyridine

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

All MS recoveries were within 30 - 130 with the following exceptions: 4,6-Dinitro-2-methylphenol, Hexachlorocyclopentadiene, Pyridine

All MSD recoveries were within 30 - 130 with the following exceptions: 4,6-Dinitro-2-methylphenol, Hexachlorocyclopentadiene, Pyridine

All MS/MSD RPDs were less than 30% with the following exceptions: None.

A matrix effect is suspected when a MS/MSD recovery is outside of criteria. No further action is required if LCS/LCSD compounds are within criteria.

QC (Batch Specific)

All LCS recoveries were within 30 - 130 with the following exceptions: 2,4-Dimethylphenol, 2,4-Dinitrophenol, 2-Nitroaniline, 4,6-Dinitro-2-methylphenol, Pyridine

All LCSD recoveries were within 30 - 130 with the following exceptions: 2,4-Dinitrophenol, 2-Nitroaniline, 4,6-Dinitro-2-methylphenol, Pyridine

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

VOA Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? No.

There are several compounds that have LCS/LCSD recovery above the upper range. These compounds were not detected in the samples. No significant bias is suspected.

Instrument: Chem11 09/12/10-1 (AZ53005, AZ53006, AZ53007, AZ53008, AZ53009, AZ53010)

Initial Calibration Verification (CHEM11/RCPS_0830):
>90% of target compounds met criteria.
The following compounds had %RSDs >20%: Acetone

Continuing Calibration Verification:
>80% of target compounds met criteria. Internal standards were within the 50%-200% deviation from the initial calibration.
The following compounds had % Deviations >30%: acrolein, 1,2,4-Trichlorobenzene, Hexachlorobutadiene, 1,2,3-Trichlorobenzene

Printed Name Lynne Matteson
Position: Chemist
Date: 9/12/2010

Instrument: Chem11 09/13/10-1 (AZ53005)

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Tel. (860) 645-1102 Fax (860) 645-0823

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RCP Certification Report

October 07, 2010

SDG I.D.: GAZ53005

Initial Calibration Verification (CHEM11/RCPS_0830):
>90% of target compounds met criteria.
The following compounds had %RSDs >20%: Acetone

Continuing Calibration Verification:
>80% of target compounds met criteria. Internal standards were within the 50%-200% deviation from the initial calibration.
The following compounds had % Deviations >30%: 2-Hexanone, 1,2,4-Trichlorobenzene

Printed Name Lynne Matteson
Position: Chemist
Date: 9/13/2010

QC Comments: QC Batch 61192 09/14/10 (AZ53005)

Actual spiked sample was AZ53233.

QC (Batch Specific)

All LCS recoveries were within 70 - 130 with the following exceptions: 1,1-Dichloroethene, 1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, Dichlorodifluoromethane, Hexachlorobutadiene

All LCSD recoveries were within 70 - 130 with the following exceptions: 1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, Dichlorodifluoromethane, Hexachlorobutadiene

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

PHOENIX Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: service@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Temp 6 Pg 1 of 1

Data Delivery:
- [ ] Fax #:
- [x] Email: joy.kloss@teamdtc.com

Customer: Diversified Technology Consultants
Address: 2321 Whitney Ave
Hamden, CT

Project: Westbrook SLE Station
Report to: Joy Kloss
Invoice to: DTC

Project P.O: DAS Contract - ISP Form
Phone #: 203-239-4200
Fax #:

Client Sample - Information - Identification

Sampler's Signature: Joy P Kloss Date: 9-9-10

Matrix Code:
DW=drinking water WW=wastewater S=soil/solid O=other
GW=groundwater SL=sludge A=air

Analysis Request

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	VOC 8260	SVOC 8270	ETPH	PCBs 8082	RCRA 8 Metals	Chlorinated Pesticides						Soil VOA [✓] Methanol [ ] S. Bisulfate [✓] H2O	GL Soil container (8) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
53005	RR-34 (0-1)	S	9-9-10	0820	X	X	X	X	X	X						3	1								
53006	RR-34 (7-8)	S	↓	0845	X	X	X	X	X							3	1								
53007	RR-34 (20-21.5)	S	↓	0915	X	X	X	X	X							3	1								
53008	RR-33 (2-3)	S	↓	1255	X	X	X	X	X	X						3	1								
53009	RR-33 (5-6)	S	↓	1300	X	X	X	X	X							3	1								
53010	RR-33 (12-12.5)	S	↓	1315	X	X	X	X	X							3	1								

Relinquished by:	Accepted by:	Date:	Time:
Joy P Kloss	[signature]	9-10-10	12:50pm
[signature]	[signature]	9/10/10	16:00

Comments, Special Requirements or Regulations:
Please hold samples. Possible SPLP/TCLP Analysis.

Turnaround:
- [ ] 1 Day*
- [ ] 2 Days*
- [ ] 3 Days*
- [x] Standard
- [ ] Other

5-DAY
* SURCHARGE APPLIES

CT/RI
- [x] RCP Cert.
- [ ] GW Protect.
- [x] GA Mobility
- [ ] GB Mobility
- [ ] SW Protect.
- [x] Res. Vol.
- [ ] Ind. Vol
- [x] Res. Criteria
- [ ] Other

MA
- [ ] MCP Cert.
- [ ] GW-1
- [ ] GW-2
- [ ] GW-3
- [ ] S-1
- [ ] S-2
- [ ] S-3
- [ ] MWRA eSMART
- [ ] Other

Data Format
- [ ] Excel
- [ ] PDF
- [ ] GIS/Key
- [ ] EQuIS
- [ ] Other

Data Package
- [ ] ASP-A
- [ ] NJ Reduced Deliv. *
- [ ] NJ Hazsite EDD
- [ ] Phoenix Std Report
- [ ] Other

State where samples were collected: CT

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587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: service@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Temp 6 Pg 1 of 1

Data Delivery:
☐ Fax #:
☑ Email: joy.kloss@teamdtc.com

Customer: Diversified Technology Consultants
Address: 2321 Whitney Ave
Hamden, CT

Project: Westbrook SLE Station
Report to: Joy Kloss
Invoice to: DTC

Project P.O: DAS Contract - ISP Form
Phone #: 203-239-4200
Fax #:

Client Sample - Information - Identification

Sampler's Signature: Joy P Kloss Date: 9-9-10

Matrix Code:
DW=drinking water WW=wastewater S=soil/solid O=other
GW=groundwater SL=sludge A=air

Analysis Request

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	VOC 8260	SVOC 8270	ETPH	PCBs 8082	RCRA 8 Metals	Chlorinated Pesticides	SPLP As+Pb	TCLP Pb	SPLP Pb			Soil VOA [✓] Methanol [ ] S. Bisulfate [✓] H2O	GL Soil container (8) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
53005	RR-34 (0-1)	S	9-9-10	0820	X	X	X	X	X	X	X	X				3	1								
53006	RR-34 (7-8)	S		0845	X	X	X	X	X							3	1								
53007	RR-34 (20-21.5)	S		0915	X	X	X	X	X							3	1								
53008	RR-33 (2-3)	S		1255	X	X	X	X	X	X			X			3	1								
53009	RR-33 (5-6)	S		1300	X	X	X	X	X							3	1								
53010	RR-33 (12-12.5)	S	↓	1315	X	X	X	X	X							3	1								

Relinquished by:	Accepted by:	Date:	Time:
Joy P Kloss	[signature]	9-10-10	12:50 pm
[signature]	[signature]	9/10/10	16:00

Comments, Special Requirements or Regulations:
Please hold samples. Possible SPLP/TCLP Analysis.

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☑ Standard
☐ Other
5-DAY
* SURCHARGE APPLIES

CT/RI
☑ RCP Cert.
☐ GW Protect.
☒ GA Mobility
☐ GB Mobility
☐ SW Protect.
☒ Res. Vol.
☐ Ind. Vol.
☒ Res. Criteria
☐ Other

MA
☐ MCP Cert.
☐ GW-1
☐ GW-2
☐ GW-3
☐ S-1
☐ S-2
☐ S-3
☐ MWRA eSMART
☐ Other

State where samples were collected: CT

Data Format
☐ Excel
☐ PDF
☐ GIS/Key
☐ EQuIS
☐ Other

Data Package
☐ ASP-A
☐ NJ Reduced Deliv. *
☐ NJ Hazsite EDD
☐ Phoenix Std Report
☐ Other

Linda - Phoenixlabs

From: Kloss, Joy [joy.kloss@teamdtc.com]
Sent: Friday, October 01, 2010 1:08 PM
To: Linda - Phoenixlabs
Subject: RE: Additional Analysis

You're right...I emailed you on 9/27/10. Thanks.

From: Linda - Phoenixlabs [mailto:linda@phoenixlabs.com]
Sent: Friday, October 01, 2010 12:06 PM
To: Kloss, Joy
Subject: RE: Additional Analysis

AZ55480 already has splp lead on it

-Linda Chapman
Client Services Representative
Phoenix Environmental Laboratories
587 East Middle Turnpike
Manchester, CT 06040
Ph: 1-860-645-1102
Fx: 1-860-645-0823

THIS MESSAGE IS INTENDED ONLY FOR THE USE OF THE INDIVIDUAL OR ENTITY TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL, AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. If the reader of this message is not the intended recipient, or the employee or agent responsible for delivering the message to the intended recipient, you are hereby notified that any dissemination, distribution, forwarding, or copying of this communication is strictly prohibited. If you have received this communication in error, please notify the sender immediately by e-mail or telephone, and delete the original message immediately. Thank you.

From: Kloss, Joy [mailto:joy.kloss@teamdtc.com]
Sent: Friday, October 01, 2010 11:49 AM
To: Linda - Phoenixlabs
Subject: Additional Analysis

Can you please analyze the following samples for 5 day TAT? Westbrook SLE Station

RR-31 2-3.5' (53982) - SPLP Pb
RR-31 5-6.3' (53983) - Total and SPLP Pb

RR-34 7-8' (53006) - SPLP Pb
RR-37 0.33-2.5' (55480) - SPLP Pb

Please let me know if you have any questions.

Thanks,

Joy P. Kloss
Sr. Environmental Scientist
Diversified Technology Consultants, Inc.
2321 Whitney Avenue
Suite 301
Hamden, CT 06518
ph (203) 239-4200
cell (203) 640-0965
fax (203) 234-7376

PHOENIX
Environmental Laboratories, Inc.

Thursday, October 07, 2010

Attn: Ms Joy Kloss
Diversified Tech. Consultants
2321 Whitney Avenue 3rd floor
Hamden Center II
Hamden CT 06518

Project ID: WESTBROOK SLE STATION
Sample ID#s: AZ53978 - AZ53986

This laboratory is in compliance with the QA/QC procedures outlined in EPA 600/4-79-019, Handbook for Analytical Quality in Water and Waste Water, March 1979, SW846 QA/QC and NELAC requirements of procedures used.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Telephone (860) 645-1102 Fax (860) 645-0823

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac
NY # 11301

SDG Comments

October 07, 2010

SDG I.D.: GAZ53978

Version 3: This report is revised. AZ53982 and AZ53983 now have SPLP and/or TCLP Metals added to them.

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac
NY # 11301

Analysis Report

October 07, 2010

FOR: Attn: Ms Joy Kloss
Diversified Tech. Consultants
2321 Whitney Avenue 3rd floor
Hamden Center II
Hamden CT 06518

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	JK	09/10/10	11:40
Location Code:	DTECHDAS	Received by:	SW	09/14/10	16:55
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GAZ53978
Phoenix ID: AZ53978

Project ID: WESTBROOK SLE STATION

Client ID: RR-32 (5-6.5)

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.34	0.34	mg/Kg	09/15/10		EK	SW6010
Arsenic	< 0.7	0.7	mg/Kg	09/15/10		EK	SW6010
Barium	10.4	0.34	mg/Kg	09/16/10		LK	SW6010
Cadmium	< 0.34	0.34	mg/Kg	09/15/10		EK	SW6010
Chromium	2.34	0.34	mg/Kg	09/15/10		EK	SW6010
Mercury	< 0.07	0.07	mg/Kg	09/15/10		RS	SW-7471
Lead	1.12	0.34	mg/Kg	09/15/10		EK	SW6010
Selenium	< 1.4	1.4	mg/Kg	09/15/10		EK	SW6010
Percent Solid	96		%	09/14/10		JL	E160.3
Soil Extraction for PCB	Completed			09/14/10		BB/F	SW3545
Soil Extraction for SVOA	Completed			09/14/10		BS/F	SW3545
Extraction of CT ETPH	Completed			09/14/10		FS/DK	3545
Mercury Digestion	Completed			09/15/10		X	SW7471
Total Metals Digest	Completed			09/14/10		C/AG	SW846 - 3050
Field Extraction	Completed			09/10/10		JK	SW5035
Volatiles							
1,1,1,2-Tetrachloroethane	ND	4.3	ug/Kg	09/14/10		R/L	SW8260
1,1,1-Trichloroethane	ND	4.3	ug/Kg	09/14/10		R/L	SW8260
1,1,2,2-Tetrachloroethane	ND	1.2	ug/Kg	09/14/10		R/L	SW8260
1,1,2-Trichloroethane	ND	4.3	ug/Kg	09/14/10		R/L	SW8260
1,1-Dichloroethane	ND	4.3	ug/Kg	09/14/10		R/L	SW8260
1,1-Dichloroethene	ND	4.3	ug/Kg	09/14/10		R/L	SW8260
1,1-Dichloropropene	ND	4.3	ug/Kg	09/14/10		R/L	SW8260
1,2,3-Trichlorobenzene	ND	4.3	ug/Kg	09/14/10		R/L	SW8260
1,2,3-Trichloropropane	ND	4.3	ug/Kg	09/14/10		R/L	SW8260
1,2,4-Trichlorobenzene	ND	4.3	ug/Kg	09/14/10		R/L	SW8260
1,2,4-Trimethylbenzene	ND	4.3	ug/Kg	09/14/10		R/L	SW8260

Project ID: WESTBROOK SLE STATION
Client ID: RR-32 (5-6.5)

Phoenix I.D.: AZ53978

Parameter	Result	RL	Units	Date	Time	By	Reference
1,2-Dibromo-3-chloropropane	ND	4.3	ug/Kg	09/14/10		R/L	SW8260
1,2-Dichlorobenzene	ND	4.3	ug/Kg	09/14/10		R/L	SW8260
1,2-Dichloroethane	ND	4.3	ug/Kg	09/14/10		R/L	SW8260
1,2-Dichloropropane	ND	4.3	ug/Kg	09/14/10		R/L	SW8260
1,3,5-Trimethylbenzene	ND	4.3	ug/Kg	09/14/10		R/L	SW8260
1,3-Dichlorobenzene	ND	4.3	ug/Kg	09/14/10		R/L	SW8260
1,3-Dichloropropane	ND	4.3	ug/Kg	09/14/10		R/L	SW8260
1,4-Dichlorobenzene	ND	4.3	ug/Kg	09/14/10		R/L	SW8260
2,2-Dichloropropane	ND	4.3	ug/Kg	09/14/10		R/L	SW8260
2-Chlorotoluene	ND	4.3	ug/Kg	09/14/10		R/L	SW8260
2-Hexanone	ND	21	ug/Kg	09/14/10		R/L	SW8260
2-Isopropyltoluene	ND	4.3	ug/Kg	09/14/10		R/L	SW8260
4-Chlorotoluene	ND	4.3	ug/Kg	09/14/10		R/L	SW8260
4-Methyl-2-pentanone	ND	21	ug/Kg	09/14/10		R/L	SW8260
Acetone	ND	85	ug/Kg	09/14/10		R/L	SW8260
Acrylonitrile	ND	4.3	ug/Kg	09/14/10		R/L	SW8260
Benzene	ND	4.3	ug/Kg	09/14/10		R/L	SW8260
Bromobenzene	ND	4.3	ug/Kg	09/14/10		R/L	SW8260
Bromochloromethane	ND	4.3	ug/Kg	09/14/10		R/L	SW8260
Bromodichloromethane	ND	3.8	ug/Kg	09/14/10		R/L	SW8260
Bromoform	ND	4.3	ug/Kg	09/14/10		R/L	SW8260
Bromomethane	ND	4.3	ug/Kg	09/14/10		R/L	SW8260
Carbon Disulfide	ND	4.3	ug/Kg	09/14/10		R/L	SW8260
Carbon tetrachloride	ND	4.3	ug/Kg	09/14/10		R/L	SW8260
Chlorobenzene	ND	4.3	ug/Kg	09/14/10		R/L	SW8260
Chloroethane	ND	4.3	ug/Kg	09/14/10		R/L	SW8260
Chloroform	ND	4.3	ug/Kg	09/14/10		R/L	SW8260
Chloromethane	ND	4.3	ug/Kg	09/14/10		R/L	SW8260
cis-1,2-Dichloroethene	ND	4.3	ug/Kg	09/14/10		R/L	SW8260
cis-1,3-Dichloropropene	ND	4.3	ug/Kg	09/14/10		R/L	SW8260
Dibromochloromethane	ND	2.6	ug/Kg	09/14/10		R/L	SW8260
Dibromoethane	ND	4.3	ug/Kg	09/14/10		R/L	SW8260
Dibromomethane	ND	4.3	ug/Kg	09/14/10		R/L	SW8260
Dichlorodifluoromethane	ND	4.3	ug/Kg	09/14/10		R/L	SW8260
Ethylbenzene	ND	4.3	ug/Kg	09/14/10		R/L	SW8260
Hexachlorobutadiene	ND	4.3	ug/Kg	09/14/10		R/L	SW8260
Isopropylbenzene	ND	4.3	ug/Kg	09/14/10		R/L	SW8260
m&p-Xylene	ND	4.3	ug/Kg	09/14/10		R/L	SW8260
Methyl Ethyl Ketone	ND	26	ug/Kg	09/14/10		R/L	SW8260
Methyl t-butyl ether (MTBE)	ND	8.5	ug/Kg	09/14/10		R/L	SW8260
Methylene chloride	ND	4.3	ug/Kg	09/14/10		R/L	SW8260
Naphthalene	ND	4.3	ug/Kg	09/14/10		R/L	SW8260
n-Butylbenzene	ND	4.3	ug/Kg	09/14/10		R/L	SW8260
n-Propylbenzene	ND	4.3	ug/Kg	09/14/10		R/L	SW8260
o-Xylene	ND	4.3	ug/Kg	09/14/10		R/L	SW8260
p-Isopropyltoluene	ND	4.3	ug/Kg	09/14/10		R/L	SW8260
sec-Butylbenzene	ND	4.3	ug/Kg	09/14/10		R/L	SW8260
Styrene	ND	4.3	ug/Kg	09/14/10		R/L	SW8260
tert-Butylbenzene	ND	4.3	ug/Kg	09/14/10		R/L	SW8260
Tetrachloroethene	ND	4.3	ug/Kg	09/14/10		R/L	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference
Tetrahydrofuran (THF)	ND	8.5	ug/Kg	09/14/10		R/L	SW8260
Toluene	ND	4.3	ug/Kg	09/14/10		R/L	SW8260
Total Xylenes	ND	4.3	ug/Kg	09/14/10		R/L	SW8260
trans-1,2-Dichloroethene	ND	4.3	ug/Kg	09/14/10		R/L	SW8260
trans-1,3-Dichloropropene	ND	4.3	ug/Kg	09/14/10		R/L	SW8260
trans-1,4-dichloro-2-butene	ND	8.5	ug/Kg	09/14/10		R/L	SW8260
Trichloroethene	ND	4.3	ug/Kg	09/14/10		R/L	SW8260
Trichlorofluoromethane	ND	4.3	ug/Kg	09/14/10		R/L	SW8260
Trichlorotrifluoroethane	ND	4.3	ug/Kg	09/14/10		R/L	SW8260
Vinyl chloride	ND	4.3	ug/Kg	09/14/10		R/L	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	102		%	09/14/10		R/L	SW8260
% Bromofluorobenzene	94		%	09/14/10		R/L	SW8260
% Dibromofluoromethane	101		%	09/14/10		R/L	SW8260
% Toluene-d8	94		%	09/14/10		R/L	SW8260
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	240	ug/Kg	09/15/10		HM	SW 8270
1,2,4-Trichlorobenzene	ND	240	ug/Kg	09/15/10		HM	SW 8270
1,2-Dichlorobenzene	ND	240	ug/Kg	09/15/10		HM	SW 8270
1,3-Dichlorobenzene	ND	240	ug/Kg	09/15/10		HM	SW 8270
1,4-Dichlorobenzene	ND	240	ug/Kg	09/15/10		HM	SW 8270
2,4,5-Trichlorophenol	ND	240	ug/Kg	09/15/10		HM	SW 8270
2,4,6-Trichlorophenol	ND	240	ug/Kg	09/15/10		HM	SW 8270
2,4-Dichlorophenol	ND	240	ug/Kg	09/15/10		HM	SW 8270
2,4-Dimethylphenol	ND	240	ug/Kg	09/15/10		HM	SW 8270
2,4-Dinitrophenol	ND	550	ug/Kg	09/15/10		HM	SW 8270
2,4-Dinitrotoluene	ND	240	ug/Kg	09/15/10		HM	SW 8270
2,6-Dinitrotoluene	ND	240	ug/Kg	09/15/10		HM	SW 8270
2-Chloronaphthalene	ND	240	ug/Kg	09/15/10		HM	SW 8270
2-Chlorophenol	ND	240	ug/Kg	09/15/10		HM	SW 8270
2-Methylnaphthalene	ND	240	ug/Kg	09/15/10		HM	SW 8270
2-Methylphenol (o-cresol)	ND	240	ug/Kg	09/15/10		HM	SW 8270
2-Nitroaniline	ND	550	ug/Kg	09/15/10		HM	SW 8270
2-Nitrophenol	ND	240	ug/Kg	09/15/10		HM	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	340	ug/Kg	09/15/10		HM	SW 8270
3,3'-Dichlorobenzidine	ND	410	ug/Kg	09/15/10		HM	SW 8270
3-Nitroaniline	ND	550	ug/Kg	09/15/10		HM	SW 8270
4,6-Dinitro-2-methylphenol	ND	990	ug/Kg	09/15/10		HM	SW 8270
4-Bromophenyl phenyl ether	ND	340	ug/Kg	09/15/10		HM	SW 8270
4-Chloro-3-methylphenol	ND	240	ug/Kg	09/15/10		HM	SW 8270
4-Chloroaniline	ND	240	ug/Kg	09/15/10		HM	SW 8270
4-Chlorophenyl phenyl ether	ND	240	ug/Kg	09/15/10		HM	SW 8270
4-Nitroaniline	ND	550	ug/Kg	09/15/10		HM	SW 8270
4-Nitrophenol	ND	990	ug/Kg	09/15/10		HM	SW 8270
Acenaphthene	ND	240	ug/Kg	09/15/10		HM	SW 8270
Acenaphthylene	ND	240	ug/Kg	09/15/10		HM	SW 8270
Acetophenone	ND	240	ug/Kg	09/15/10		HM	SW 8270
Aniline	ND	990	ug/Kg	09/15/10		HM	SW 8270
Anthracene	ND	240	ug/Kg	09/15/10		HM	SW 8270

Project ID: WESTBROOK SLE STATION
Client ID: RR-32 (5-6.5)

Phoenix I.D.: AZ53978

Parameter	Result	RL	Units	Date	Time	By	Reference
Azobenzene	ND	340	ug/Kg	09/15/10		HM	SW 8270
Benz(a)anthracene	ND	240	ug/Kg	09/15/10		HM	SW 8270
Benzidine	ND	410	ug/Kg	09/15/10		HM	SW 8270
Benzo(a)pyrene	ND	240	ug/Kg	09/15/10		HM	SW 8270
Benzo(b)fluoranthene	ND	240	ug/Kg	09/15/10		HM	SW 8270
Benzo(ghi)perylene	ND	240	ug/Kg	09/15/10		HM	SW 8270
Benzo(k)fluoranthene	ND	240	ug/Kg	09/15/10		HM	SW 8270
Benzoic acid	ND	990	ug/Kg	09/15/10		HM	SW 8270
Benzyl butyl phthalate	ND	240	ug/Kg	09/15/10		HM	SW 8270
Bis(2-chloroethoxy)methane	ND	240	ug/Kg	09/15/10		HM	SW 8270
Bis(2-chloroethyl)ether	ND	340	ug/Kg	09/15/10		HM	SW 8270
Bis(2-chloroisopropyl)ether	ND	240	ug/Kg	09/15/10		HM	SW 8270
Bis(2-ethylhexyl)phthalate	ND	240	ug/Kg	09/15/10		HM	SW 8270
Carbazole	ND	990	ug/Kg	09/15/10		HM	SW 8270
Chrysene	ND	240	ug/Kg	09/15/10		HM	SW 8270
Dibenz(a,h)anthracene	ND	240	ug/Kg	09/15/10		HM	SW 8270
Dibenzofuran	ND	240	ug/Kg	09/15/10		HM	SW 8270
Diethyl phthalate	ND	240	ug/Kg	09/15/10		HM	SW 8270
Dimethylphthalate	ND	240	ug/Kg	09/15/10		HM	SW 8270
Di-n-butylphthalate	ND	240	ug/Kg	09/15/10		HM	SW 8270
Di-n-octylphthalate	ND	240	ug/Kg	09/15/10		HM	SW 8270
Fluoranthene	ND	240	ug/Kg	09/15/10		HM	SW 8270
Fluorene	ND	240	ug/Kg	09/15/10		HM	SW 8270
Hexachlorobenzene	ND	240	ug/Kg	09/15/10		HM	SW 8270
Hexachlorobutadiene	ND	240	ug/Kg	09/15/10		HM	SW 8270
Hexachlorocyclopentadiene	ND	240	ug/Kg	09/15/10		HM	SW 8270
Hexachloroethane	ND	240	ug/Kg	09/15/10		HM	SW 8270
Indeno(1,2,3-cd)pyrene	ND	240	ug/Kg	09/15/10		HM	SW 8270
Isophorone	ND	240	ug/Kg	09/15/10		HM	SW 8270
Naphthalene	ND	240	ug/Kg	09/15/10		HM	SW 8270
Nitrobenzene	ND	240	ug/Kg	09/15/10		HM	SW 8270
N-Nitrosodimethylamine	ND	340	ug/Kg	09/15/10		HM	SW 8270
N-Nitrosodi-n-propylamine	ND	240	ug/Kg	09/15/10		HM	SW 8270
N-Nitrosodiphenylamine	ND	340	ug/Kg	09/15/10		HM	SW 8270
Pentachloronitrobenzene	ND	340	ug/Kg	09/15/10		HM	SW 8270
Pentachlorophenol	ND	340	ug/Kg	09/15/10		HM	SW 8270
Phenanthrene	ND	240	ug/Kg	09/15/10		HM	SW 8270
Phenol	ND	240	ug/Kg	09/15/10		HM	SW 8270
Pyrene	ND	240	ug/Kg	09/15/10		HM	SW 8270
Pyridine	ND	340	ug/Kg	09/15/10		HM	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	85		%	09/15/10		HM	SW 8270
% 2-Fluorobiphenyl	63		%	09/15/10		HM	SW 8270
% 2-Fluorophenol	67		%	09/15/10		HM	SW 8270
% Nitrobenzene-d5	63		%	09/15/10		HM	SW 8270
% Phenol-d5	68		%	09/15/10		HM	SW 8270
% Terphenyl-d14	47		%	09/15/10		HM	SW 8270
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	10	mg/Kg	09/16/10		KCA	CT ETPH/8015

Project ID: WESTBROOK SLE STATION
Client ID: RR-32 (5-6.5)

Phoenix I.D.: AZ53978

Parameter	Result	RL	Units	Date	Time	By	Reference
Identification	ND		mg/Kg	09/16/10		KCA	CT ETPH/8015
QA/QC Surrogates							
% n-Pentacosane	80		%	09/16/10		KCA	CT ETPH/8015
Polychlorinated Biphenyls							
PCB-1016	ND	340	ug/Kg	09/15/10		MH	SW 8082
PCB-1221	ND	340	ug/Kg	09/15/10		MH	SW 8082
PCB-1232	ND	340	ug/Kg	09/15/10		MH	SW 8082
PCB-1242	ND	340	ug/Kg	09/15/10		MH	SW 8082
PCB-1248	ND	340	ug/Kg	09/15/10		MH	SW 8082
PCB-1254	ND	340	ug/Kg	09/15/10		MH	SW 8082
PCB-1260	ND	340	ug/Kg	09/15/10		MH	SW 8082
PCB-1262	ND	340	ug/Kg	09/15/10		MH	SW 8082
PCB-1268	ND	340	ug/Kg	09/15/10		MH	SW 8082
QA/QC Surrogates							
% DCBP	94		%	09/15/10		MH	SW 8082
% TCMX	78		%	09/15/10		MH	SW 8082

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director
October 07, 2010

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 07, 2010

FOR: Attn: Ms Joy Kloss
Diversified Tech. Consultants
2321 Whitney Avenue 3rd floor
Hamden Center II
Hamden CT 06518

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	JK	09/10/10	11:55
Location Code:	DTECHDAS	Received by:	SW	09/14/10	16:55
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GAZ53978
Phoenix ID: AZ53979

Project ID: WESTBROOK SLE STATION

Client ID: RR-32 (10-11.5)

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.35	0.35	mg/Kg	09/15/10		EK	SW6010
Arsenic	< 0.7	0.7	mg/Kg	09/15/10		EK	SW6010
Barium	20.2	0.35	mg/Kg	09/16/10		LK	SW6010
Cadmium	< 0.35	0.35	mg/Kg	09/15/10		EK	SW6010
Chromium	3.63	0.35	mg/Kg	09/15/10		EK	SW6010
Mercury	< 0.07	0.07	mg/Kg	09/15/10		RS	SW-7471
Lead	1.08	0.35	mg/Kg	09/15/10		EK	SW6010
Selenium	< 1.4	1.4	mg/Kg	09/15/10		EK	SW6010
Percent Solid	93		%	09/14/10		JL	E160.3
Soil Extraction for PCB	Completed			09/14/10		BB/F	SW3545
Soil Extraction for SVOA	Completed			09/14/10		BS/F	SW3545
Extraction of CT ETPH	Completed			09/14/10		FS/DK	3545
Mercury Digestion	Completed			09/15/10		X	SW7471
Total Metals Digest	Completed			09/14/10		C/AG	SW846 - 3050
Field Extraction	Completed			09/10/10		JK	SW5035
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.5	ug/Kg	09/14/10		R/L	SW8260
1,1,1-Trichloroethane	ND	5.5	ug/Kg	09/14/10		R/L	SW8260
1,1,2,2-Tetrachloroethane	ND	1.2	ug/Kg	09/14/10		R/L	SW8260
1,1,2-Trichloroethane	ND	5.5	ug/Kg	09/14/10		R/L	SW8260
1,1-Dichloroethane	ND	5.5	ug/Kg	09/14/10		R/L	SW8260
1,1-Dichloroethene	ND	5.5	ug/Kg	09/14/10		R/L	SW8260
1,1-Dichloropropene	ND	5.5	ug/Kg	09/14/10		R/L	SW8260
1,2,3-Trichlorobenzene	ND	5.5	ug/Kg	09/14/10		R/L	SW8260
1,2,3-Trichloropropane	ND	5.5	ug/Kg	09/14/10		R/L	SW8260
1,2,4-Trichlorobenzene	ND	5.5	ug/Kg	09/14/10		R/L	SW8260
1,2,4-Trimethylbenzene	ND	5.5	ug/Kg	09/14/10		R/L	SW8260

Project ID: WESTBROOK SLE STATION
Client ID: RR-32 (10-11.5)

Phoenix I.D.: AZ53979

Parameter	Result	RL	Units	Date	Time	By	Reference
1,2-Dibromo-3-chloropropane	ND	5.5	ug/Kg	09/14/10		R/L	SW8260
1,2-Dichlorobenzene	ND	5.5	ug/Kg	09/14/10		R/L	SW8260
1,2-Dichloroethane	ND	5.5	ug/Kg	09/14/10		R/L	SW8260
1,2-Dichloropropane	ND	5.5	ug/Kg	09/14/10		R/L	SW8260
1,3,5-Trimethylbenzene	ND	5.5	ug/Kg	09/14/10		R/L	SW8260
1,3-Dichlorobenzene	ND	5.5	ug/Kg	09/14/10		R/L	SW8260
1,3-Dichloropropane	ND	5.5	ug/Kg	09/14/10		R/L	SW8260
1,4-Dichlorobenzene	ND	5.5	ug/Kg	09/14/10		R/L	SW8260
2,2-Dichloropropane	ND	5.5	ug/Kg	09/14/10		R/L	SW8260
2-Chlorotoluene	ND	5.5	ug/Kg	09/14/10		R/L	SW8260
2-Hexanone	ND	27	ug/Kg	09/14/10		R/L	SW8260
2-Isopropyltoluene	ND	5.5	ug/Kg	09/14/10		R/L	SW8260
4-Chlorotoluene	ND	5.5	ug/Kg	09/14/10		R/L	SW8260
4-Methyl-2-pentanone	ND	27	ug/Kg	09/14/10		R/L	SW8260
Acetone	ND	110	ug/Kg	09/14/10		R/L	SW8260
Acrylonitrile	ND	5.5	ug/Kg	09/14/10		R/L	SW8260
Benzene	ND	5.5	ug/Kg	09/14/10		R/L	SW8260
Bromobenzene	ND	5.5	ug/Kg	09/14/10		R/L	SW8260
Bromochloromethane	ND	5.5	ug/Kg	09/14/10		R/L	SW8260
Bromodichloromethane	ND	3.8	ug/Kg	09/14/10		R/L	SW8260
Bromoform	ND	5.5	ug/Kg	09/14/10		R/L	SW8260
Bromomethane	ND	5.5	ug/Kg	09/14/10		R/L	SW8260
Carbon Disulfide	ND	5.5	ug/Kg	09/14/10		R/L	SW8260
Carbon tetrachloride	ND	5.5	ug/Kg	09/14/10		R/L	SW8260
Chlorobenzene	ND	5.5	ug/Kg	09/14/10		R/L	SW8260
Chloroethane	ND	5.5	ug/Kg	09/14/10		R/L	SW8260
Chloroform	ND	5.5	ug/Kg	09/14/10		R/L	SW8260
Chloromethane	ND	5.5	ug/Kg	09/14/10		R/L	SW8260
cis-1,2-Dichloroethene	ND	5.5	ug/Kg	09/14/10		R/L	SW8260
cis-1,3-Dichloropropene	ND	5.5	ug/Kg	09/14/10		R/L	SW8260
Dibromochloromethane	ND	3.3	ug/Kg	09/14/10		R/L	SW8260
Dibromoethane	ND	5.5	ug/Kg	09/14/10		R/L	SW8260
Dibromomethane	ND	5.5	ug/Kg	09/14/10		R/L	SW8260
Dichlorodifluoromethane	ND	5.5	ug/Kg	09/14/10		R/L	SW8260
Ethylbenzene	ND	5.5	ug/Kg	09/14/10		R/L	SW8260
Hexachlorobutadiene	ND	5.5	ug/Kg	09/14/10		R/L	SW8260
Isopropylbenzene	ND	5.5	ug/Kg	09/14/10		R/L	SW8260
m&p-Xylene	ND	5.5	ug/Kg	09/14/10		R/L	SW8260
Methyl Ethyl Ketone	ND	33	ug/Kg	09/14/10		R/L	SW8260
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	09/14/10		R/L	SW8260
Methylene chloride	ND	5.5	ug/Kg	09/14/10		R/L	SW8260
Naphthalene	ND	5.5	ug/Kg	09/14/10		R/L	SW8260
n-Butylbenzene	ND	5.5	ug/Kg	09/14/10		R/L	SW8260
n-Propylbenzene	ND	5.5	ug/Kg	09/14/10		R/L	SW8260
o-Xylene	ND	5.5	ug/Kg	09/14/10		R/L	SW8260
p-Isopropyltoluene	ND	5.5	ug/Kg	09/14/10		R/L	SW8260
sec-Butylbenzene	ND	5.5	ug/Kg	09/14/10		R/L	SW8260
Styrene	ND	5.5	ug/Kg	09/14/10		R/L	SW8260
tert-Butylbenzene	ND	5.5	ug/Kg	09/14/10		R/L	SW8260
Tetrachloroethene	ND	5.5	ug/Kg	09/14/10		R/L	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference
Tetrahydrofuran (THF)	ND	11	ug/Kg	09/14/10		R/L	SW8260
Toluene	ND	5.5	ug/Kg	09/14/10		R/L	SW8260
Total Xylenes	ND	5.5	ug/Kg	09/14/10		R/L	SW8260
trans-1,2-Dichloroethene	ND	5.5	ug/Kg	09/14/10		R/L	SW8260
trans-1,3-Dichloropropene	ND	5.5	ug/Kg	09/14/10		R/L	SW8260
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	09/14/10		R/L	SW8260
Trichloroethene	ND	5.5	ug/Kg	09/14/10		R/L	SW8260
Trichlorofluoromethane	ND	5.5	ug/Kg	09/14/10		R/L	SW8260
Trichlorotrifluoroethane	ND	5.5	ug/Kg	09/14/10		R/L	SW8260
Vinyl chloride	ND	5.5	ug/Kg	09/14/10		R/L	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	101		%	09/14/10		R/L	SW8260
% Bromofluorobenzene	86		%	09/14/10		R/L	SW8260
% Dibromofluoromethane	97		%	09/14/10		R/L	SW8260
% Toluene-d8	93		%	09/14/10		R/L	SW8260
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	250	ug/Kg	09/15/10		HM	SW 8270
1,2,4-Trichlorobenzene	ND	250	ug/Kg	09/15/10		HM	SW 8270
1,2-Dichlorobenzene	ND	250	ug/Kg	09/15/10		HM	SW 8270
1,3-Dichlorobenzene	ND	250	ug/Kg	09/15/10		HM	SW 8270
1,4-Dichlorobenzene	ND	250	ug/Kg	09/15/10		HM	SW 8270
2,4,5-Trichlorophenol	ND	250	ug/Kg	09/15/10		HM	SW 8270
2,4,6-Trichlorophenol	ND	250	ug/Kg	09/15/10		HM	SW 8270
2,4-Dichlorophenol	ND	250	ug/Kg	09/15/10		HM	SW 8270
2,4-Dimethylphenol	ND	250	ug/Kg	09/15/10		HM	SW 8270
2,4-Dinitrophenol	ND	570	ug/Kg	09/15/10		HM	SW 8270
2,4-Dinitrotoluene	ND	250	ug/Kg	09/15/10		HM	SW 8270
2,6-Dinitrotoluene	ND	250	ug/Kg	09/15/10		HM	SW 8270
2-Chloronaphthalene	ND	250	ug/Kg	09/15/10		HM	SW 8270
2-Chlorophenol	ND	250	ug/Kg	09/15/10		HM	SW 8270
2-Methylnaphthalene	ND	250	ug/Kg	09/15/10		HM	SW 8270
2-Methylphenol (o-cresol)	ND	250	ug/Kg	09/15/10		HM	SW 8270
2-Nitroaniline	ND	570	ug/Kg	09/15/10		HM	SW 8270
2-Nitrophenol	ND	250	ug/Kg	09/15/10		HM	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	360	ug/Kg	09/15/10		HM	SW 8270
3,3'-Dichlorobenzidine	ND	430	ug/Kg	09/15/10		HM	SW 8270
3-Nitroaniline	ND	570	ug/Kg	09/15/10		HM	SW 8270
4,6-Dinitro-2-methylphenol	ND	1000	ug/Kg	09/15/10		HM	SW 8270
4-Bromophenyl phenyl ether	ND	360	ug/Kg	09/15/10		HM	SW 8270
4-Chloro-3-methylphenol	ND	250	ug/Kg	09/15/10		HM	SW 8270
4-Chloroaniline	ND	250	ug/Kg	09/15/10		HM	SW 8270
4-Chlorophenyl phenyl ether	ND	250	ug/Kg	09/15/10		HM	SW 8270
4-Nitroaniline	ND	570	ug/Kg	09/15/10		HM	SW 8270
4-Nitrophenol	ND	1000	ug/Kg	09/15/10		HM	SW 8270
Acenaphthene	ND	250	ug/Kg	09/15/10		HM	SW 8270
Acenaphthylene	ND	250	ug/Kg	09/15/10		HM	SW 8270
Acetophenone	ND	250	ug/Kg	09/15/10		HM	SW 8270
Aniline	ND	1000	ug/Kg	09/15/10		HM	SW 8270
Anthracene	ND	250	ug/Kg	09/15/10		HM	SW 8270

Project ID: WESTBROOK SLE STATION
Client ID: RR-32 (10-11.5)

Phoenix I.D.: AZ53979

Parameter	Result	RL	Units	Date	Time	By	Reference
Azobenzene	ND	360	ug/Kg	09/15/10		HM	SW 8270
Benz(a)anthracene	ND	250	ug/Kg	09/15/10		HM	SW 8270
Benzidine	ND	430	ug/Kg	09/15/10		HM	SW 8270
Benzo(a)pyrene	ND	250	ug/Kg	09/15/10		HM	SW 8270
Benzo(b)fluoranthene	ND	250	ug/Kg	09/15/10		HM	SW 8270
Benzo(ghi)perylene	ND	250	ug/Kg	09/15/10		HM	SW 8270
Benzo(k)fluoranthene	ND	250	ug/Kg	09/15/10		HM	SW 8270
Benzoic acid	ND	1000	ug/Kg	09/15/10		HM	SW 8270
Benzyl butyl phthalate	ND	250	ug/Kg	09/15/10		HM	SW 8270
Bis(2-chloroethoxy)methane	ND	250	ug/Kg	09/15/10		HM	SW 8270
Bis(2-chloroethyl)ether	ND	360	ug/Kg	09/15/10		HM	SW 8270
Bis(2-chloroisopropyl)ether	ND	250	ug/Kg	09/15/10		HM	SW 8270
Bis(2-ethylhexyl)phthalate	ND	250	ug/Kg	09/15/10		HM	SW 8270
Carbazole	ND	1000	ug/Kg	09/15/10		HM	SW 8270
Chrysene	ND	250	ug/Kg	09/15/10		HM	SW 8270
Dibenz(a,h)anthracene	ND	250	ug/Kg	09/15/10		HM	SW 8270
Dibenzofuran	ND	250	ug/Kg	09/15/10		HM	SW 8270
Diethyl phthalate	ND	250	ug/Kg	09/15/10		HM	SW 8270
Dimethylphthalate	ND	250	ug/Kg	09/15/10		HM	SW 8270
Di-n-butylphthalate	ND	250	ug/Kg	09/15/10		HM	SW 8270
Di-n-octylphthalate	ND	250	ug/Kg	09/15/10		HM	SW 8270
Fluoranthene	ND	250	ug/Kg	09/15/10		HM	SW 8270
Fluorene	ND	250	ug/Kg	09/15/10		HM	SW 8270
Hexachlorobenzene	ND	250	ug/Kg	09/15/10		HM	SW 8270
Hexachlorobutadiene	ND	250	ug/Kg	09/15/10		HM	SW 8270
Hexachlorocyclopentadiene	ND	250	ug/Kg	09/15/10		HM	SW 8270
Hexachloroethane	ND	250	ug/Kg	09/15/10		HM	SW 8270
Indeno(1,2,3-cd)pyrene	ND	250	ug/Kg	09/15/10		HM	SW 8270
Isophorone	ND	250	ug/Kg	09/15/10		HM	SW 8270
Naphthalene	ND	250	ug/Kg	09/15/10		HM	SW 8270
Nitrobenzene	ND	250	ug/Kg	09/15/10		HM	SW 8270
N-Nitrosodimethylamine	ND	360	ug/Kg	09/15/10		HM	SW 8270
N-Nitrosodi-n-propylamine	ND	250	ug/Kg	09/15/10		HM	SW 8270
N-Nitrosodiphenylamine	ND	360	ug/Kg	09/15/10		HM	SW 8270
Pentachloronitrobenzene	ND	360	ug/Kg	09/15/10		HM	SW 8270
Pentachlorophenol	ND	360	ug/Kg	09/15/10		HM	SW 8270
Phenanthrene	ND	250	ug/Kg	09/15/10		HM	SW 8270
Phenol	ND	250	ug/Kg	09/15/10		HM	SW 8270
Pyrene	ND	250	ug/Kg	09/15/10		HM	SW 8270
Pyridine	ND	360	ug/Kg	09/15/10		HM	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	108		%	09/15/10		HM	SW 8270
% 2-Fluorobiphenyl	80		%	09/15/10		HM	SW 8270
% 2-Fluorophenol	83		%	09/15/10		HM	SW 8270
% Nitrobenzene-d5	77		%	09/15/10		HM	SW 8270
% Phenol-d5	84		%	09/15/10		HM	SW 8270
% Terphenyl-d14	57		%	09/15/10		HM	SW 8270
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	10	mg/Kg	09/16/10		KCA	CT ETPH/8015

Project ID: WESTBROOK SLE STATION
Client ID: RR-32 (10-11.5)

Phoenix I.D.: AZ53979

Parameter	Result	RL	Units	Date	Time	By	Reference
Identification	ND		mg/Kg	09/16/10		KCA	CT ETPH/8015
QA/QC Surrogates							
% n-Pentacosane	91		%	09/16/10		KCA	CT ETPH/8015
Polychlorinated Biphenyls							
PCB-1016	ND	360	ug/Kg	09/15/10		MH	SW 8082
PCB-1221	ND	360	ug/Kg	09/15/10		MH	SW 8082
PCB-1232	ND	360	ug/Kg	09/15/10		MH	SW 8082
PCB-1242	ND	360	ug/Kg	09/15/10		MH	SW 8082
PCB-1248	ND	360	ug/Kg	09/15/10		MH	SW 8082
PCB-1254	ND	360	ug/Kg	09/15/10		MH	SW 8082
PCB-1260	ND	360	ug/Kg	09/15/10		MH	SW 8082
PCB-1262	ND	360	ug/Kg	09/15/10		MH	SW 8082
PCB-1268	ND	360	ug/Kg	09/15/10		MH	SW 8082
QA/QC Surrogates							
% DCBP	114		%	09/15/10		MH	SW 8082
% TCMX	88		%	09/15/10		MH	SW 8082

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director
October 07, 2010

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac
NY # 11301

Analysis Report

October 07, 2010

FOR: Attn: Ms Joy Kloss
Diversified Tech. Consultants
2321 Whitney Avenue 3rd floor
Hamden Center II
Hamden CT 06518

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	JK	09/10/10	11:45
Location Code:	DTECHDAS	Received by:	SW	09/14/10	16:55
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GAZ53978
Phoenix ID: AZ53980

Project ID: WESTBROOK SLE STATION

Client ID: RR-32 (7-8.5)

Parameter	Result	RL	Units	Date	Time	By	Reference
On Hold	Pending						

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director
October 07, 2010

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 07, 2010

FOR: Attn: Ms Joy Kloss
Diversified Tech. Consultants
2321 Whitney Avenue 3rd floor
Hamden Center II
Hamden CT 06518

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	JK	09/13/10	8:30
Location Code:	DTECHDAS	Received by:	SW	09/14/10	16:55
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GAZ53978
Phoenix ID: AZ53981

Project ID: WESTBROOK SLE STATION

Client ID: RR-31 (0-1.4)

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.38	0.38	mg/Kg	09/15/10		EK	SW6010
Arsenic	1.9	0.8	mg/Kg	09/15/10		EK	SW6010
Barium	33.1	3.8	mg/Kg	09/16/10		LK	SW6010
Cadmium	< 0.38	0.38	mg/Kg	09/15/10		EK	SW6010
Chromium	7.41	0.38	mg/Kg	09/15/10		EK	SW6010
Mercury	0.12	0.07	mg/Kg	09/15/10		RS	SW-7471
Lead	392	3.8	mg/Kg	09/16/10		LK	SW6010
Selenium	< 1.5	1.5	mg/Kg	09/15/10		EK	SW6010
SPLP Lead	2.43	0.010	mg/L	09/24/10		TH	E1312/SW6010
TCLP Lead	0.591	0.015	mg/L	09/24/10		TH	E1311/SW6010
Percent Solid	94		%	09/14/10		JL	E160.3
Soil Extraction for PCB	Completed			09/14/10		BB/F	SW3545
Soil Extraction for Pesticide	Completed			09/14/10		BB	SW3545
Soil Extraction for SVOA	Completed			09/16/10		FS/F	SW3545
Extraction of CT ETPH	Completed			09/14/10		FS/DK	3545
Mercury Digestion	Completed			09/15/10		X	SW7471
Soil Extraction for Herbicide	Completed			09/15/10		J/D/D	SW8151
SPLP Extraction for Metals	Completed			09/23/10		X	EPA 1312
TCLP Extraction for Metals	Completed			09/23/10		X	EPA 1311
Total Metals Digest	Completed			09/14/10		C/AG	SW846 - 3050
SPLP Metals Digestion	Completed			09/24/10		X	SW846-3005
TCLP Metals Digestion	Completed			09/24/10		X	SW846 - 3005
Field Extraction	Completed			09/13/10		JK	SW5035
Chlorinated Herbicides							
2,4,5-T	ND	110	ug/Kg	09/16/10		KCA	SW8151
2,4,5-TP (Silvex)	ND	110	ug/Kg	09/16/10		KCA	SW8151
2,4-D	ND	110	ug/Kg	09/16/10		KCA	SW8151

Project ID: WESTBROOK SLE STATION
Client ID: RR-31 (0-1.4)

Phoenix I.D.: AZ53981

Parameter	Result	RL	Units	Date	Time	By	Reference
2,4-DB	ND	1100	ug/Kg	09/16/10		KCA	SW8151
Dalapon	ND	530	ug/Kg	09/16/10		KCA	SW8151
Dicamba	ND	320	ug/Kg	09/16/10		KCA	SW8151
Dichloroprop	ND	110	ug/Kg	09/16/10		KCA	SW8151
Dinoseb	ND	210	ug/Kg	09/16/10		KCA	SW8151
QA/QC Surrogates							
% DCAA	101		%	09/16/10		KCA	SW8151
Volatiles							
1,1,1,2-Tetrachloroethane	ND	4.5	ug/Kg	09/15/10		R/L	SW8260
1,1,1-Trichloroethane	ND	4.5	ug/Kg	09/15/10		R/L	SW8260
1,1,2,2-Tetrachloroethane	ND	1.2	ug/Kg	09/15/10		R/L	SW8260
1,1,2-Trichloroethane	ND	4.5	ug/Kg	09/15/10		R/L	SW8260
1,1-Dichloroethane	ND	4.5	ug/Kg	09/15/10		R/L	SW8260
1,1-Dichloroethene	ND	4.5	ug/Kg	09/15/10		R/L	SW8260
1,1-Dichloropropene	ND	4.5	ug/Kg	09/15/10		R/L	SW8260
1,2,3-Trichlorobenzene	ND	4.5	ug/Kg	09/15/10		R/L	SW8260
1,2,3-Trichloropropane	ND	4.5	ug/Kg	09/15/10		R/L	SW8260
1,2,4-Trichlorobenzene	ND	4.5	ug/Kg	09/15/10		R/L	SW8260
1,2,4-Trimethylbenzene	ND	4.5	ug/Kg	09/15/10		R/L	SW8260
1,2-Dibromo-3-chloropropane	ND	4.5	ug/Kg	09/15/10		R/L	SW8260
1,2-Dichlorobenzene	ND	4.5	ug/Kg	09/15/10		R/L	SW8260
1,2-Dichloroethane	ND	4.5	ug/Kg	09/15/10		R/L	SW8260
1,2-Dichloropropane	ND	4.5	ug/Kg	09/15/10		R/L	SW8260
1,3,5-Trimethylbenzene	ND	4.5	ug/Kg	09/15/10		R/L	SW8260
1,3-Dichlorobenzene	ND	4.5	ug/Kg	09/15/10		R/L	SW8260
1,3-Dichloropropane	ND	4.5	ug/Kg	09/15/10		R/L	SW8260
1,4-Dichlorobenzene	ND	4.5	ug/Kg	09/15/10		R/L	SW8260
2,2-Dichloropropane	ND	4.5	ug/Kg	09/15/10		R/L	SW8260
2-Chlorotoluene	ND	4.5	ug/Kg	09/15/10		R/L	SW8260
2-Hexanone	ND	22	ug/Kg	09/15/10		R/L	SW8260
2-Isopropyltoluene	ND	4.5	ug/Kg	09/15/10		R/L	SW8260
4-Chlorotoluene	ND	4.5	ug/Kg	09/15/10		R/L	SW8260
4-Methyl-2-pentanone	ND	22	ug/Kg	09/15/10		R/L	SW8260
Acetone	ND	89	ug/Kg	09/15/10		R/L	SW8260
Acrylonitrile	ND	4.5	ug/Kg	09/15/10		R/L	SW8260
Benzene	ND	4.5	ug/Kg	09/15/10		R/L	SW8260
Bromobenzene	ND	4.5	ug/Kg	09/15/10		R/L	SW8260
Bromochloromethane	ND	4.5	ug/Kg	09/15/10		R/L	SW8260
Bromodichloromethane	ND	3.8	ug/Kg	09/15/10		R/L	SW8260
Bromoform	ND	4.5	ug/Kg	09/15/10		R/L	SW8260
Bromomethane	ND	4.5	ug/Kg	09/15/10		R/L	SW8260
Carbon Disulfide	ND	4.5	ug/Kg	09/15/10		R/L	SW8260
Carbon tetrachloride	ND	4.5	ug/Kg	09/15/10		R/L	SW8260
Chlorobenzene	ND	4.5	ug/Kg	09/15/10		R/L	SW8260
Chloroethane	ND	4.5	ug/Kg	09/15/10		R/L	SW8260
Chloroform	ND	4.5	ug/Kg	09/15/10		R/L	SW8260
Chloromethane	ND	4.5	ug/Kg	09/15/10		R/L	SW8260
cis-1,2-Dichloroethene	ND	4.5	ug/Kg	09/15/10		R/L	SW8260
cis-1,3-Dichloropropene	ND	4.5	ug/Kg	09/15/10		R/L	SW8260

Project ID: WESTBROOK SLE STATION
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Phoenix I.D.: AZ53981

Parameter	Result	RL	Units	Date	Time	By	Reference
Dibromochloromethane	ND	2.7	ug/Kg	09/15/10		R/L	SW8260
Dibromoethane	ND	4.5	ug/Kg	09/15/10		R/L	SW8260
Dibromomethane	ND	4.5	ug/Kg	09/15/10		R/L	SW8260
Dichlorodifluoromethane	ND	4.5	ug/Kg	09/15/10		R/L	SW8260
Ethylbenzene	ND	4.5	ug/Kg	09/15/10		R/L	SW8260
Hexachlorobutadiene	ND	4.5	ug/Kg	09/15/10		R/L	SW8260
Isopropylbenzene	ND	4.5	ug/Kg	09/15/10		R/L	SW8260
m&p-Xylene	ND	4.5	ug/Kg	09/15/10		R/L	SW8260
Methyl Ethyl Ketone	ND	27	ug/Kg	09/15/10		R/L	SW8260
Methyl t-butyl ether (MTBE)	ND	8.9	ug/Kg	09/15/10		R/L	SW8260
Methylene chloride	ND	4.5	ug/Kg	09/15/10		R/L	SW8260
Naphthalene	ND	4.5	ug/Kg	09/15/10		R/L	SW8260
n-Butylbenzene	ND	4.5	ug/Kg	09/15/10		R/L	SW8260
n-Propylbenzene	ND	4.5	ug/Kg	09/15/10		R/L	SW8260
o-Xylene	ND	4.5	ug/Kg	09/15/10		R/L	SW8260
p-Isopropyltoluene	ND	4.5	ug/Kg	09/15/10		R/L	SW8260
sec-Butylbenzene	ND	4.5	ug/Kg	09/15/10		R/L	SW8260
Styrene	ND	4.5	ug/Kg	09/15/10		R/L	SW8260
tert-Butylbenzene	ND	4.5	ug/Kg	09/15/10		R/L	SW8260
Tetrachloroethene	ND	4.5	ug/Kg	09/15/10		R/L	SW8260
Tetrahydrofuran (THF)	ND	8.9	ug/Kg	09/15/10		R/L	SW8260
Toluene	ND	4.5	ug/Kg	09/15/10		R/L	SW8260
Total Xylenes	ND	4.5	ug/Kg	09/15/10		R/L	SW8260
trans-1,2-Dichloroethene	ND	4.5	ug/Kg	09/15/10		R/L	SW8260
trans-1,3-Dichloropropene	ND	4.5	ug/Kg	09/15/10		R/L	SW8260
trans-1,4-dichloro-2-butene	ND	8.9	ug/Kg	09/15/10		R/L	SW8260
Trichloroethene	ND	4.5	ug/Kg	09/15/10		R/L	SW8260
Trichlorofluoromethane	ND	4.5	ug/Kg	09/15/10		R/L	SW8260
Trichlorotrifluoroethane	ND	4.5	ug/Kg	09/15/10		R/L	SW8260
Vinyl chloride	ND	4.5	ug/Kg	09/15/10		R/L	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	102		%	09/15/10		R/L	SW8260
% Bromofluorobenzene	83		%	09/15/10		R/L	SW8260
% Dibromofluoromethane	97		%	09/15/10		R/L	SW8260
% Toluene-d8	91		%	09/15/10		R/L	SW8260
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	480	ug/Kg	09/19/10		KCA	SW 8270
1,2,4-Trichlorobenzene	ND	480	ug/Kg	09/19/10		KCA	SW 8270
1,2-Dichlorobenzene	ND	480	ug/Kg	09/19/10		KCA	SW 8270
1,3-Dichlorobenzene	ND	480	ug/Kg	09/19/10		KCA	SW 8270
1,4-Dichlorobenzene	ND	480	ug/Kg	09/19/10		KCA	SW 8270
2,4,5-Trichlorophenol	ND	480	ug/Kg	09/19/10		KCA	SW 8270
2,4,6-Trichlorophenol	ND	480	ug/Kg	09/19/10		KCA	SW 8270
2,4-Dichlorophenol	ND	480	ug/Kg	09/19/10		KCA	SW 8270
2,4-Dimethylphenol	ND	480	ug/Kg	09/19/10		KCA	SW 8270
2,4-Dinitrophenol	ND	1100	ug/Kg	09/19/10		KCA	SW 8270
2,4-Dinitrotoluene	ND	480	ug/Kg	09/19/10		KCA	SW 8270
2,6-Dinitrotoluene	ND	480	ug/Kg	09/19/10		KCA	SW 8270
2-Chloronaphthalene	ND	480	ug/Kg	09/19/10		KCA	SW 8270

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Parameter	Result	RL	Units	Date	Time	By	Reference
2-Chlorophenol	ND	480	ug/Kg	09/19/10		KCA	SW 8270
2-Methylnaphthalene	ND	480	ug/Kg	09/19/10		KCA	SW 8270
2-Methylphenol (o-cresol)	ND	480	ug/Kg	09/19/10		KCA	SW 8270
2-Nitroaniline	ND	1100	ug/Kg	09/19/10		KCA	SW 8270
2-Nitrophenol	ND	480	ug/Kg	09/19/10		KCA	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	690	ug/Kg	09/19/10		KCA	SW 8270
3,3'-Dichlorobenzidine	ND	830	ug/Kg	09/19/10		KCA	SW 8270
3-Nitroaniline	ND	1100	ug/Kg	09/19/10		KCA	SW 8270
4,6-Dinitro-2-methylphenol	ND	2000	ug/Kg	09/19/10		KCA	SW 8270
4-Bromophenyl phenyl ether	ND	690	ug/Kg	09/19/10		KCA	SW 8270
4-Chloro-3-methylphenol	ND	480	ug/Kg	09/19/10		KCA	SW 8270
4-Chloroaniline	ND	480	ug/Kg	09/19/10		KCA	SW 8270
4-Chlorophenyl phenyl ether	ND	480	ug/Kg	09/19/10		KCA	SW 8270
4-Nitroaniline	ND	1100	ug/Kg	09/19/10		KCA	SW 8270
4-Nitrophenol	ND	2000	ug/Kg	09/19/10		KCA	SW 8270
Acenaphthene	ND	480	ug/Kg	09/19/10		KCA	SW 8270
Acenaphthylene	ND	480	ug/Kg	09/19/10		KCA	SW 8270
Acetophenone	ND	480	ug/Kg	09/19/10		KCA	SW 8270
Aniline	ND	2000	ug/Kg	09/19/10		KCA	SW 8270
Anthracene	ND	480	ug/Kg	09/19/10		KCA	SW 8270
Azobenzene	ND	690	ug/Kg	09/19/10		KCA	SW 8270
Benz(a)anthracene	ND	480	ug/Kg	09/19/10		KCA	SW 8270
Benzidine	ND	830	ug/Kg	09/19/10		KCA	SW 8270
Benzo(a)pyrene	ND	480	ug/Kg	09/19/10		KCA	SW 8270
Benzo(b)fluoranthene	540	480	ug/Kg	09/19/10		KCA	SW 8270
Benzo(ghi)perylene	ND	480	ug/Kg	09/19/10		KCA	SW 8270
Benzo(k)fluoranthene	ND	480	ug/Kg	09/19/10		KCA	SW 8270
Benzoic acid	ND	2000	ug/Kg	09/19/10		KCA	SW 8270
Benzyl butyl phthalate	ND	480	ug/Kg	09/19/10		KCA	SW 8270
Bis(2-chloroethoxy)methane	ND	480	ug/Kg	09/19/10		KCA	SW 8270
Bis(2-chloroethyl)ether	ND	690	ug/Kg	09/19/10		KCA	SW 8270
Bis(2-chloroisopropyl)ether	ND	480	ug/Kg	09/19/10		KCA	SW 8270
Bis(2-ethylhexyl)phthalate	ND	480	ug/Kg	09/19/10		KCA	SW 8270
Carbazole	ND	2000	ug/Kg	09/19/10		KCA	SW 8270
Chrysene	ND	480	ug/Kg	09/19/10		KCA	SW 8270
Dibenz(a,h)anthracene	ND	480	ug/Kg	09/19/10		KCA	SW 8270
Dibenzofuran	ND	480	ug/Kg	09/19/10		KCA	SW 8270
Diethyl phthalate	ND	480	ug/Kg	09/19/10		KCA	SW 8270
Dimethylphthalate	ND	480	ug/Kg	09/19/10		KCA	SW 8270
Di-n-butylphthalate	ND	480	ug/Kg	09/19/10		KCA	SW 8270
Di-n-octylphthalate	ND	480	ug/Kg	09/19/10		KCA	SW 8270
Fluoranthene	ND	480	ug/Kg	09/19/10		KCA	SW 8270
Fluorene	ND	480	ug/Kg	09/19/10		KCA	SW 8270
Hexachlorobenzene	ND	480	ug/Kg	09/19/10		KCA	SW 8270
Hexachlorobutadiene	ND	480	ug/Kg	09/19/10		KCA	SW 8270
Hexachlorocyclopentadiene	ND	480	ug/Kg	09/19/10		KCA	SW 8270
Hexachloroethane	ND	480	ug/Kg	09/19/10		KCA	SW 8270
Indeno(1,2,3-cd)pyrene	ND	480	ug/Kg	09/19/10		KCA	SW 8270
Isophorone	ND	480	ug/Kg	09/19/10		KCA	SW 8270
Naphthalene	ND	480	ug/Kg	09/19/10		KCA	SW 8270

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Phoenix I.D.: AZ53981

Parameter	Result	RL	Units	Date	Time	By	Reference
Nitrobenzene	ND	480	ug/Kg	09/19/10		KCA	SW 8270
N-Nitrosodimethylamine	ND	690	ug/Kg	09/19/10		KCA	SW 8270
N-Nitrosodi-n-propylamine	ND	480	ug/Kg	09/19/10		KCA	SW 8270
N-Nitrosodiphenylamine	ND	690	ug/Kg	09/19/10		KCA	SW 8270
Pentachloronitrobenzene	ND	690	ug/Kg	09/19/10		KCA	SW 8270
Pentachlorophenol	ND	690	ug/Kg	09/19/10		KCA	SW 8270
Phenanthrene	ND	480	ug/Kg	09/19/10		KCA	SW 8270
Phenol	ND	480	ug/Kg	09/19/10		KCA	SW 8270
Pyrene	ND	480	ug/Kg	09/19/10		KCA	SW 8270
Pyridine	ND	690	ug/Kg	09/19/10		KCA	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	67		%	09/19/10		KCA	SW 8270
% 2-Fluorobiphenyl	50		%	09/19/10		KCA	SW 8270
% 2-Fluorophenol	50		%	09/19/10		KCA	SW 8270
% Nitrobenzene-d5	48		%	09/19/10		KCA	SW 8270
% Phenol-d5	49		%	09/19/10		KCA	SW 8270
% Terphenyl-d14	33		%	09/19/10		KCA	SW 8270
TPH by GC (Extractable Products)							
Ext. Petroleum HC	220	11	mg/Kg	09/16/10		KCA	CT ETPH/8015
Identification	**		mg/Kg	09/16/10		KCA	CT ETPH/8015
QA/QC Surrogates							
% n-Pentacosane	53		%	09/16/10		KCA	CT ETPH/8015
Polychlorinated Biphenyls							
PCB-1016	ND	350	ug/Kg	09/15/10		MH	SW 8082
PCB-1221	ND	350	ug/Kg	09/15/10		MH	SW 8082
PCB-1232	ND	350	ug/Kg	09/15/10		MH	SW 8082
PCB-1242	ND	350	ug/Kg	09/15/10		MH	SW 8082
PCB-1248	ND	350	ug/Kg	09/15/10		MH	SW 8082
PCB-1254	ND	350	ug/Kg	09/15/10		MH	SW 8082
PCB-1260	ND	350	ug/Kg	09/15/10		MH	SW 8082
PCB-1262	ND	350	ug/Kg	09/15/10		MH	SW 8082
PCB-1268	ND	350	ug/Kg	09/15/10		MH	SW 8082
QA/QC Surrogates							
% DCBP	95		%	09/15/10		MH	SW 8082
% TCMX	74		%	09/15/10		MH	SW 8082
Pesticides							
4,4' -DDD	ND	6.7	ug/Kg	09/15/10		MH	SW8081
4,4' -DDE	ND	6.7	ug/Kg	09/15/10		MH	SW8081
4,4' -DDT	ND	6.7	ug/Kg	09/15/10		MH	SW8081
a-BHC	ND	3.4	ug/Kg	09/15/10		MH	SW8081
Alachlor	ND	3.4	ug/Kg	09/15/10		MH	SW8081
Aldrin	ND	1.0	ug/Kg	09/15/10		MH	SW8081
b-BHC	ND	3.4	ug/Kg	09/15/10		MH	SW8081
Chlordane	ND	10	ug/Kg	09/15/10		MH	SW8081
d-BHC	ND	3.4	ug/Kg	09/15/10		MH	SW8081
Dieldrin	ND	1.0	ug/Kg	09/15/10		MH	SW8081
Endosulfan I	ND	3.4	ug/Kg	09/15/10		MH	SW8081

Project ID: WESTBROOK SLE STATION
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Phoenix I.D.: AZ53981

Parameter	Result	RL	Units	Date	Time	By	Reference
Endosulfan II	ND	6.7	ug/Kg	09/15/10		MH	SW8081
Endosulfan sulfate	ND	6.7	ug/Kg	09/15/10		MH	SW8081
Endrin	ND	6.7	ug/Kg	09/15/10		MH	SW8081
Endrin aldehyde	ND	6.7	ug/Kg	09/15/10		MH	SW8081
Endrin ketone	ND	6.7	ug/Kg	09/15/10		MH	SW8081
g-BHC	ND	1.0	ug/Kg	09/15/10		MH	SW8081
Heptachlor	ND	2.1	ug/Kg	09/15/10		MH	SW8081
Heptachlor epoxide	ND	3.4	ug/Kg	09/15/10		MH	SW8081
Methoxychlor	ND	34	ug/Kg	09/15/10		MH	SW8081
Toxaphene	ND	34	ug/Kg	09/15/10		MH	SW8081
QA/QC Surrogates							
% DCBP	87		%	09/15/10		MH	SW8081
% TCMX	57		%	09/15/10		MH	SW8081

Comments:

**Petroleum hydrocarbon chromatogram was not a perfect match with any of the standards, but contains a distribution in the C18 to C36 range. The sample was quantitated against a C9-C36 standard.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller

Phyllis Shiller, Laboratory Director
October 07, 2010

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 07, 2010

FOR: Attn: Ms Joy Kloss
Diversified Tech. Consultants
2321 Whitney Avenue 3rd floor
Hamden Center II
Hamden CT 06518

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	JK	09/13/10	8:45
Location Code:	DTECHDAS	Received by:	SW	09/14/10	16:55
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GAZ53978
Phoenix ID: AZ53982

Project ID: WESTBROOK SLE STATION

Client ID: RR-31 (2-3.5)

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.35	0.35	mg/Kg	09/15/10		EK	SW6010
Arsenic	< 0.7	0.7	mg/Kg	09/15/10		EK	SW6010
Barium	37.4	0.35	mg/Kg	09/16/10		LK	SW6010
Cadmium	< 0.35	0.35	mg/Kg	09/15/10		EK	SW6010
Chromium	9.56	0.35	mg/Kg	09/15/10		EK	SW6010
Mercury	< 0.07	0.07	mg/Kg	09/15/10		RS	SW-7471
Lead	113	0.35	mg/Kg	09/15/10		EK	SW6010
Selenium	< 1.4	1.4	mg/Kg	09/15/10		EK	SW6010
SPLP Lead	0.061	0.010	mg/L	10/04/10		EK	E1312/SW6010
Percent Solid	94		%	09/14/10		JL	E160.3
Soil Extraction for PCB	Completed			09/14/10		BB/F	SW3545
Soil Extraction for SVOA	Completed			09/14/10		BS/F	SW3545
Extraction of CT ETPH	Completed			09/14/10		FS/DK	3545
Mercury Digestion	Completed			09/15/10		X	SW7471
SPLP Extraction for Metals	Completed			10/01/10		X	EPA 1312
Total Metals Digest	Completed			09/14/10		C/AG	SW846 - 3050
SPLP Metals Digestion	Completed			10/04/10		X	SW846-3005
Field Extraction	Completed			09/13/10		JK	SW5035
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.3	ug/Kg	09/15/10		R/P	SW8260
1,1,1-Trichloroethane	ND	5.3	ug/Kg	09/15/10		R/P	SW8260
1,1,2,2-Tetrachloroethane	ND	1.2	ug/Kg	09/15/10		R/P	SW8260
1,1,2-Trichloroethane	ND	5.3	ug/Kg	09/15/10		R/P	SW8260
1,1-Dichloroethane	ND	5.3	ug/Kg	09/15/10		R/P	SW8260
1,1-Dichloroethene	ND	5.3	ug/Kg	09/15/10		R/P	SW8260
1,1-Dichloropropene	ND	5.3	ug/Kg	09/15/10		R/P	SW8260
1,2,3-Trichlorobenzene	ND	5.3	ug/Kg	09/15/10		R/P	SW8260

Project ID: WESTBROOK SLE STATION
Client ID: RR-31 (2-3.5)

Phoenix I.D.: AZ53982

Parameter	Result	RL	Units	Date	Time	By	Reference
1,2,3-Trichloropropane	ND	5.3	ug/Kg	09/15/10		R/P	SW8260
1,2,4-Trichlorobenzene	ND	5.3	ug/Kg	09/15/10		R/P	SW8260
1,2,4-Trimethylbenzene	ND	5.3	ug/Kg	09/15/10		R/P	SW8260
1,2-Dibromo-3-chloropropane	ND	5.3	ug/Kg	09/15/10		R/P	SW8260
1,2-Dichlorobenzene	ND	5.3	ug/Kg	09/15/10		R/P	SW8260
1,2-Dichloroethane	ND	5.3	ug/Kg	09/15/10		R/P	SW8260
1,2-Dichloropropane	ND	5.3	ug/Kg	09/15/10		R/P	SW8260
1,3,5-Trimethylbenzene	ND	5.3	ug/Kg	09/15/10		R/P	SW8260
1,3-Dichlorobenzene	ND	5.3	ug/Kg	09/15/10		R/P	SW8260
1,3-Dichloropropane	ND	5.3	ug/Kg	09/15/10		R/P	SW8260
1,4-Dichlorobenzene	ND	5.3	ug/Kg	09/15/10		R/P	SW8260
2,2-Dichloropropane	ND	5.3	ug/Kg	09/15/10		R/P	SW8260
2-Chlorotoluene	ND	5.3	ug/Kg	09/15/10		R/P	SW8260
2-Hexanone	ND	27	ug/Kg	09/15/10		R/P	SW8260
2-Isopropyltoluene	ND	5.3	ug/Kg	09/15/10		R/P	SW8260
4-Chlorotoluene	ND	5.3	ug/Kg	09/15/10		R/P	SW8260
4-Methyl-2-pentanone	ND	27	ug/Kg	09/15/10		R/P	SW8260
Acetone	ND	110	ug/Kg	09/15/10		R/P	SW8260
Acrylonitrile	ND	5.3	ug/Kg	09/15/10		R/P	SW8260
Benzene	ND	5.3	ug/Kg	09/15/10		R/P	SW8260
Bromobenzene	ND	5.3	ug/Kg	09/15/10		R/P	SW8260
Bromochloromethane	ND	5.3	ug/Kg	09/15/10		R/P	SW8260
Bromodichloromethane	ND	3.8	ug/Kg	09/15/10		R/P	SW8260
Bromoform	ND	5.3	ug/Kg	09/15/10		R/P	SW8260
Bromomethane	ND	5.3	ug/Kg	09/15/10		R/P	SW8260
Carbon Disulfide	ND	5.3	ug/Kg	09/15/10		R/P	SW8260
Carbon tetrachloride	ND	5.3	ug/Kg	09/15/10		R/P	SW8260
Chlorobenzene	ND	5.3	ug/Kg	09/15/10		R/P	SW8260
Chloroethane	ND	5.3	ug/Kg	09/15/10		R/P	SW8260
Chloroform	ND	5.3	ug/Kg	09/15/10		R/P	SW8260
Chloromethane	ND	5.3	ug/Kg	09/15/10		R/P	SW8260
cis-1,2-Dichloroethene	ND	5.3	ug/Kg	09/15/10		R/P	SW8260
cis-1,3-Dichloropropene	ND	5.3	ug/Kg	09/15/10		R/P	SW8260
Dibromochloromethane	ND	3.2	ug/Kg	09/15/10		R/P	SW8260
Dibromoethane	ND	5.3	ug/Kg	09/15/10		R/P	SW8260
Dibromomethane	ND	5.3	ug/Kg	09/15/10		R/P	SW8260
Dichlorodifluoromethane	ND	5.3	ug/Kg	09/15/10		R/P	SW8260
Ethylbenzene	ND	5.3	ug/Kg	09/15/10		R/P	SW8260
Hexachlorobutadiene	ND	5.3	ug/Kg	09/15/10		R/P	SW8260
Isopropylbenzene	ND	5.3	ug/Kg	09/15/10		R/P	SW8260
m&p-Xylene	ND	5.3	ug/Kg	09/15/10		R/P	SW8260
Methyl Ethyl Ketone	ND	32	ug/Kg	09/15/10		R/P	SW8260
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	09/15/10		R/P	SW8260
Methylene chloride	ND	5.3	ug/Kg	09/15/10		R/P	SW8260
Naphthalene	ND	5.3	ug/Kg	09/15/10		R/P	SW8260
n-Butylbenzene	ND	5.3	ug/Kg	09/15/10		R/P	SW8260
n-Propylbenzene	ND	5.3	ug/Kg	09/15/10		R/P	SW8260
o-Xylene	ND	5.3	ug/Kg	09/15/10		R/P	SW8260
p-Isopropyltoluene	ND	5.3	ug/Kg	09/15/10		R/P	SW8260
sec-Butylbenzene	ND	5.3	ug/Kg	09/15/10		R/P	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference
Styrene	ND	5.3	ug/Kg	09/15/10		R/P	SW8260
tert-Butylbenzene	ND	5.3	ug/Kg	09/15/10		R/P	SW8260
Tetrachloroethene	ND	5.3	ug/Kg	09/15/10		R/P	SW8260
Tetrahydrofuran (THF)	ND	11	ug/Kg	09/15/10		R/P	SW8260
Toluene	ND	5.3	ug/Kg	09/15/10		R/P	SW8260
Total Xylenes	ND	5.3	ug/Kg	09/15/10		R/P	SW8260
trans-1,2-Dichloroethene	ND	5.3	ug/Kg	09/15/10		R/P	SW8260
trans-1,3-Dichloropropene	ND	5.3	ug/Kg	09/15/10		R/P	SW8260
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	09/15/10		R/P	SW8260
Trichloroethene	ND	5.3	ug/Kg	09/15/10		R/P	SW8260
Trichlorofluoromethane	ND	5.3	ug/Kg	09/15/10		R/P	SW8260
Trichlorotrifluoroethane	ND	5.3	ug/Kg	09/15/10		R/P	SW8260
Vinyl chloride	ND	5.3	ug/Kg	09/15/10		R/P	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	118		%	09/15/10		R/P	SW8260
% Bromofluorobenzene	70		%	09/15/10		R/P	SW8260
% Dibromofluoromethane	97		%	09/15/10		R/P	SW8260
% Toluene-d8	92		%	09/15/10		R/P	SW8260
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	240	ug/Kg	09/15/10		HM	SW 8270
1,2,4-Trichlorobenzene	ND	240	ug/Kg	09/15/10		HM	SW 8270
1,2-Dichlorobenzene	ND	240	ug/Kg	09/15/10		HM	SW 8270
1,3-Dichlorobenzene	ND	240	ug/Kg	09/15/10		HM	SW 8270
1,4-Dichlorobenzene	ND	240	ug/Kg	09/15/10		HM	SW 8270
2,4,5-Trichlorophenol	ND	240	ug/Kg	09/15/10		HM	SW 8270
2,4,6-Trichlorophenol	ND	240	ug/Kg	09/15/10		HM	SW 8270
2,4-Dichlorophenol	ND	240	ug/Kg	09/15/10		HM	SW 8270
2,4-Dimethylphenol	ND	240	ug/Kg	09/15/10		HM	SW 8270
2,4-Dinitrophenol	ND	560	ug/Kg	09/15/10		HM	SW 8270
2,4-Dinitrotoluene	ND	240	ug/Kg	09/15/10		HM	SW 8270
2,6-Dinitrotoluene	ND	240	ug/Kg	09/15/10		HM	SW 8270
2-Chloronaphthalene	ND	240	ug/Kg	09/15/10		HM	SW 8270
2-Chlorophenol	ND	240	ug/Kg	09/15/10		HM	SW 8270
2-Methylnaphthalene	ND	240	ug/Kg	09/15/10		HM	SW 8270
2-Methylphenol (o-cresol)	ND	240	ug/Kg	09/15/10		HM	SW 8270
2-Nitroaniline	ND	560	ug/Kg	09/15/10		HM	SW 8270
2-Nitrophenol	ND	240	ug/Kg	09/15/10		HM	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	350	ug/Kg	09/15/10		HM	SW 8270
3,3'-Dichlorobenzidine	ND	420	ug/Kg	09/15/10		HM	SW 8270
3-Nitroaniline	ND	560	ug/Kg	09/15/10		HM	SW 8270
4,6-Dinitro-2-methylphenol	ND	1000	ug/Kg	09/15/10		HM	SW 8270
4-Bromophenyl phenyl ether	ND	350	ug/Kg	09/15/10		HM	SW 8270
4-Chloro-3-methylphenol	ND	240	ug/Kg	09/15/10		HM	SW 8270
4-Chloroaniline	ND	240	ug/Kg	09/15/10		HM	SW 8270
4-Chlorophenyl phenyl ether	ND	240	ug/Kg	09/15/10		HM	SW 8270
4-Nitroaniline	ND	560	ug/Kg	09/15/10		HM	SW 8270
4-Nitrophenol	ND	1000	ug/Kg	09/15/10		HM	SW 8270
Acenaphthene	ND	240	ug/Kg	09/15/10		HM	SW 8270
Acenaphthylene	ND	240	ug/Kg	09/15/10		HM	SW 8270

Project ID: WESTBROOK SLE STATION
Client ID: RR-31 (2-3.5)

Phoenix I.D.: AZ53982

Parameter	Result	RL	Units	Date	Time	By	Reference
Acetophenone	ND	240	ug/Kg	09/15/10		HM	SW 8270
Aniline	ND	1000	ug/Kg	09/15/10		HM	SW 8270
Anthracene	ND	240	ug/Kg	09/15/10		HM	SW 8270
Azobenzene	ND	350	ug/Kg	09/15/10		HM	SW 8270
Benz(a)anthracene	ND	240	ug/Kg	09/15/10		HM	SW 8270
Benzidine	ND	420	ug/Kg	09/15/10		HM	SW 8270
Benzo(a)pyrene	ND	240	ug/Kg	09/15/10		HM	SW 8270
Benzo(b)fluoranthene	ND	240	ug/Kg	09/15/10		HM	SW 8270
Benzo(ghi)perylene	ND	240	ug/Kg	09/15/10		HM	SW 8270
Benzo(k)fluoranthene	ND	240	ug/Kg	09/15/10		HM	SW 8270
Benzoic acid	ND	1000	ug/Kg	09/15/10		HM	SW 8270
Benzyl butyl phthalate	ND	240	ug/Kg	09/15/10		HM	SW 8270
Bis(2-chloroethoxy)methane	ND	240	ug/Kg	09/15/10		HM	SW 8270
Bis(2-chloroethyl)ether	ND	350	ug/Kg	09/15/10		HM	SW 8270
Bis(2-chloroisopropyl)ether	ND	240	ug/Kg	09/15/10		HM	SW 8270
Bis(2-ethylhexyl)phthalate	ND	240	ug/Kg	09/15/10		HM	SW 8270
Carbazole	ND	1000	ug/Kg	09/15/10		HM	SW 8270
Chrysene	ND	240	ug/Kg	09/15/10		HM	SW 8270
Dibenz(a,h)anthracene	ND	240	ug/Kg	09/15/10		HM	SW 8270
Dibenzofuran	ND	240	ug/Kg	09/15/10		HM	SW 8270
Diethyl phthalate	ND	240	ug/Kg	09/15/10		HM	SW 8270
Dimethylphthalate	ND	240	ug/Kg	09/15/10		HM	SW 8270
Di-n-butylphthalate	ND	240	ug/Kg	09/15/10		HM	SW 8270
Di-n-octylphthalate	ND	240	ug/Kg	09/15/10		HM	SW 8270
Fluoranthene	ND	240	ug/Kg	09/15/10		HM	SW 8270
Fluorene	ND	240	ug/Kg	09/15/10		HM	SW 8270
Hexachlorobenzene	ND	240	ug/Kg	09/15/10		HM	SW 8270
Hexachlorobutadiene	ND	240	ug/Kg	09/15/10		HM	SW 8270
Hexachlorocyclopentadiene	ND	240	ug/Kg	09/15/10		HM	SW 8270
Hexachloroethane	ND	240	ug/Kg	09/15/10		HM	SW 8270
Indeno(1,2,3-cd)pyrene	ND	240	ug/Kg	09/15/10		HM	SW 8270
Isophorone	ND	240	ug/Kg	09/15/10		HM	SW 8270
Naphthalene	ND	240	ug/Kg	09/15/10		HM	SW 8270
Nitrobenzene	ND	240	ug/Kg	09/15/10		HM	SW 8270
N-Nitrosodimethylamine	ND	350	ug/Kg	09/15/10		HM	SW 8270
N-Nitrosodi-n-propylamine	ND	240	ug/Kg	09/15/10		HM	SW 8270
N-Nitrosodiphenylamine	ND	350	ug/Kg	09/15/10		HM	SW 8270
Pentachloronitrobenzene	ND	350	ug/Kg	09/15/10		HM	SW 8270
Pentachlorophenol	ND	350	ug/Kg	09/15/10		HM	SW 8270
Phenanthrene	ND	240	ug/Kg	09/15/10		HM	SW 8270
Phenol	ND	240	ug/Kg	09/15/10		HM	SW 8270
Pyrene	ND	240	ug/Kg	09/15/10		HM	SW 8270
Pyridine	ND	350	ug/Kg	09/15/10		HM	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	65		%	09/15/10		HM	SW 8270
% 2-Fluorobiphenyl	65		%	09/15/10		HM	SW 8270
% 2-Fluorophenol	62		%	09/15/10		HM	SW 8270
% Nitrobenzene-d5	59		%	09/15/10		HM	SW 8270
% Phenol-d5	63		%	09/15/10		HM	SW 8270
% Terphenyl-d14	52		%	09/15/10		HM	SW 8270

Project ID: WESTBROOK SLE STATION
Client ID: RR-31 (2-3.5)

Phoenix I.D.: AZ53982

Parameter	Result	RL	Units	Date	Time	By	Reference
TPH by GC (Extractable Products)							
Ext. Petroleum HC	51	10	mg/Kg	09/16/10		KCA	CT ETPH/8015
Identification	**		mg/Kg	09/16/10		KCA	CT ETPH/8015
QA/QC Surrogates							
% n-Pentacosane	117		%	09/16/10		KCA	CT ETPH/8015
Polychlorinated Biphenyls							
PCB-1016	ND	350	ug/Kg	09/15/10		MH	SW 8082
PCB-1221	ND	350	ug/Kg	09/15/10		MH	SW 8082
PCB-1232	ND	350	ug/Kg	09/15/10		MH	SW 8082
PCB-1242	ND	350	ug/Kg	09/15/10		MH	SW 8082
PCB-1248	ND	350	ug/Kg	09/15/10		MH	SW 8082
PCB-1254	ND	350	ug/Kg	09/15/10		MH	SW 8082
PCB-1260	ND	350	ug/Kg	09/15/10		MH	SW 8082
PCB-1262	ND	350	ug/Kg	09/15/10		MH	SW 8082
PCB-1268	ND	350	ug/Kg	09/15/10		MH	SW 8082
QA/QC Surrogates							
% DCBP	102		%	09/15/10		MH	SW 8082
% TCMX	75		%	09/15/10		MH	SW 8082

Comments:

**Petroleum hydrocarbon chromatogram was not a perfect match with any of the standards, but contains a distribution in the C24 to C36 range. The sample was quantitated against a C9-C36 standard.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director
October 07, 2010

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 07, 2010

FOR: Attn: Ms Joy Kloss
Diversified Tech. Consultants
2321 Whitney Avenue 3rd floor
Hamden Center II
Hamden CT 06518

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	JK	09/13/10	9:00
Location Code:	DTECHDAS	Received by:	SW	09/14/10	16:55
Rush Request:	RUSH24	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GAZ53978
Phoenix ID: AZ53983

Project ID: WESTBROOK SLE STATION

Client ID: RR-31 (5-6.3)

Parameter	Result	RL	Units	Date	Time	By	Reference
Lead	1.81	0.35	mg/Kg	10/07/10		EK	SW6010
SPLP Lead	< 0.010	0.010	mg/L	10/04/10		EK	E1312/SW6010
SPLP Extraction for Metals	Completed			10/01/10		X	EPA 1312
Total Metals Digest	Completed			10/06/10		F/AG	SW846 - 3050
SPLP Metals Digestion	Completed			10/04/10		X	SW846-3005

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Analysis Report

October 07, 2010

FOR: Attn: Ms Joy Kloss
Diversified Tech. Consultants
2321 Whitney Avenue 3rd floor
Hamden Center II
Hamden CT 06518

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	JK	09/10/10	0:00
Location Code:	DTECHDAS	Received by:	SW	09/14/10	16:55
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GAZ53978
Phoenix ID: AZ53984

Project ID: WESTBROOK SLE STATION

Client ID: DUPLICATE

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.34	0.34	mg/Kg	09/15/10		EK	SW6010
Arsenic	< 0.7	0.7	mg/Kg	09/15/10		EK	SW6010
Barium	12.1	0.34	mg/Kg	09/16/10		LK	SW6010
Cadmium	< 0.34	0.34	mg/Kg	09/15/10		EK	SW6010
Chromium	2.17	0.34	mg/Kg	09/15/10		EK	SW6010
Mercury	< 0.08	0.08	mg/Kg	09/15/10		RS	SW-7471
Lead	1.22	0.34	mg/Kg	09/15/10		EK	SW6010
Selenium	< 1.4	1.4	mg/Kg	09/15/10		EK	SW6010
Percent Solid	96		%	09/14/10		JL	E160.3
Soil Extraction for PCB	Completed			09/14/10		BB/F	SW3545
Soil Extraction for SVOA	Completed			09/14/10		BS/F	SW3545
Extraction of CT ETPH	Completed			09/14/10		FS/DK	3545
Mercury Digestion	Completed			09/15/10		X	SW7471
Total Metals Digest	Completed			09/14/10		C/AG	SW846 - 3050
Field Extraction	Completed			09/10/10		JK	SW5035
Volatiles							
1,1,1,2-Tetrachloroethane	ND	4.4	ug/Kg	09/14/10		R/L	SW8260
1,1,1-Trichloroethane	ND	4.4	ug/Kg	09/14/10		R/L	SW8260
1,1,2,2-Tetrachloroethane	ND	1.2	ug/Kg	09/14/10		R/L	SW8260
1,1,2-Trichloroethane	ND	4.4	ug/Kg	09/14/10		R/L	SW8260
1,1-Dichloroethane	ND	4.4	ug/Kg	09/14/10		R/L	SW8260
1,1-Dichloroethene	ND	4.4	ug/Kg	09/14/10		R/L	SW8260
1,1-Dichloropropene	ND	4.4	ug/Kg	09/14/10		R/L	SW8260
1,2,3-Trichlorobenzene	ND	4.4	ug/Kg	09/14/10		R/L	SW8260
1,2,3-Trichloropropane	ND	4.4	ug/Kg	09/14/10		R/L	SW8260
1,2,4-Trichlorobenzene	ND	4.4	ug/Kg	09/14/10		R/L	SW8260
1,2,4-Trimethylbenzene	ND	4.4	ug/Kg	09/14/10		R/L	SW8260

Project ID: WESTBROOK SLE STATION
Client ID: DUPLICATE

Phoenix I.D.: AZ53984

Parameter	Result	RL	Units	Date	Time	By	Reference
1,2-Dibromo-3-chloropropane	ND	4.4	ug/Kg	09/14/10		R/L	SW8260
1,2-Dichlorobenzene	ND	4.4	ug/Kg	09/14/10		R/L	SW8260
1,2-Dichloroethane	ND	4.4	ug/Kg	09/14/10		R/L	SW8260
1,2-Dichloropropane	ND	4.4	ug/Kg	09/14/10		R/L	SW8260
1,3,5-Trimethylbenzene	ND	4.4	ug/Kg	09/14/10		R/L	SW8260
1,3-Dichlorobenzene	ND	4.4	ug/Kg	09/14/10		R/L	SW8260
1,3-Dichloropropane	ND	4.4	ug/Kg	09/14/10		R/L	SW8260
1,4-Dichlorobenzene	ND	4.4	ug/Kg	09/14/10		R/L	SW8260
2,2-Dichloropropane	ND	4.4	ug/Kg	09/14/10		R/L	SW8260
2-Chlorotoluene	ND	4.4	ug/Kg	09/14/10		R/L	SW8260
2-Hexanone	ND	22	ug/Kg	09/14/10		R/L	SW8260
2-Isopropyltoluene	ND	4.4	ug/Kg	09/14/10		R/L	SW8260
4-Chlorotoluene	ND	4.4	ug/Kg	09/14/10		R/L	SW8260
4-Methyl-2-pentanone	ND	22	ug/Kg	09/14/10		R/L	SW8260
Acetone	ND	89	ug/Kg	09/14/10		R/L	SW8260
Acrylonitrile	ND	4.4	ug/Kg	09/14/10		R/L	SW8260
Benzene	ND	4.4	ug/Kg	09/14/10		R/L	SW8260
Bromobenzene	ND	4.4	ug/Kg	09/14/10		R/L	SW8260
Bromochloromethane	ND	4.4	ug/Kg	09/14/10		R/L	SW8260
Bromodichloromethane	ND	3.8	ug/Kg	09/14/10		R/L	SW8260
Bromoform	ND	4.4	ug/Kg	09/14/10		R/L	SW8260
Bromomethane	ND	4.4	ug/Kg	09/14/10		R/L	SW8260
Carbon Disulfide	ND	4.4	ug/Kg	09/14/10		R/L	SW8260
Carbon tetrachloride	ND	4.4	ug/Kg	09/14/10		R/L	SW8260
Chlorobenzene	ND	4.4	ug/Kg	09/14/10		R/L	SW8260
Chloroethane	ND	4.4	ug/Kg	09/14/10		R/L	SW8260
Chloroform	ND	4.4	ug/Kg	09/14/10		R/L	SW8260
Chloromethane	ND	4.4	ug/Kg	09/14/10		R/L	SW8260
cis-1,2-Dichloroethene	ND	4.4	ug/Kg	09/14/10		R/L	SW8260
cis-1,3-Dichloropropene	ND	4.4	ug/Kg	09/14/10		R/L	SW8260
Dibromochloromethane	ND	2.7	ug/Kg	09/14/10		R/L	SW8260
Dibromoethane	ND	4.4	ug/Kg	09/14/10		R/L	SW8260
Dibromomethane	ND	4.4	ug/Kg	09/14/10		R/L	SW8260
Dichlorodifluoromethane	ND	4.4	ug/Kg	09/14/10		R/L	SW8260
Ethylbenzene	ND	4.4	ug/Kg	09/14/10		R/L	SW8260
Hexachlorobutadiene	ND	4.4	ug/Kg	09/14/10		R/L	SW8260
Isopropylbenzene	ND	4.4	ug/Kg	09/14/10		R/L	SW8260
m&p-Xylene	ND	4.4	ug/Kg	09/14/10		R/L	SW8260
Methyl Ethyl Ketone	ND	27	ug/Kg	09/14/10		R/L	SW8260
Methyl t-butyl ether (MTBE)	ND	8.9	ug/Kg	09/14/10		R/L	SW8260
Methylene chloride	ND	4.4	ug/Kg	09/14/10		R/L	SW8260
Naphthalene	ND	4.4	ug/Kg	09/14/10		R/L	SW8260
n-Butylbenzene	ND	4.4	ug/Kg	09/14/10		R/L	SW8260
n-Propylbenzene	ND	4.4	ug/Kg	09/14/10		R/L	SW8260
o-Xylene	ND	4.4	ug/Kg	09/14/10		R/L	SW8260
p-Isopropyltoluene	ND	4.4	ug/Kg	09/14/10		R/L	SW8260
sec-Butylbenzene	ND	4.4	ug/Kg	09/14/10		R/L	SW8260
Styrene	ND	4.4	ug/Kg	09/14/10		R/L	SW8260
tert-Butylbenzene	ND	4.4	ug/Kg	09/14/10		R/L	SW8260
Tetrachloroethene	ND	4.4	ug/Kg	09/14/10		R/L	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference
Tetrahydrofuran (THF)	ND	8.9	ug/Kg	09/14/10		R/L	SW8260
Toluene	ND	4.4	ug/Kg	09/14/10		R/L	SW8260
Total Xylenes	ND	4.4	ug/Kg	09/14/10		R/L	SW8260
trans-1,2-Dichloroethene	ND	4.4	ug/Kg	09/14/10		R/L	SW8260
trans-1,3-Dichloropropene	ND	4.4	ug/Kg	09/14/10		R/L	SW8260
trans-1,4-dichloro-2-butene	ND	8.9	ug/Kg	09/14/10		R/L	SW8260
Trichloroethene	ND	4.4	ug/Kg	09/14/10		R/L	SW8260
Trichlorofluoromethane	ND	4.4	ug/Kg	09/14/10		R/L	SW8260
Trichlorotrifluoroethane	ND	4.4	ug/Kg	09/14/10		R/L	SW8260
Vinyl chloride	ND	4.4	ug/Kg	09/14/10		R/L	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	98		%	09/14/10		R/L	SW8260
% Bromofluorobenzene	96		%	09/14/10		R/L	SW8260
% Dibromofluoromethane	97		%	09/14/10		R/L	SW8260
% Toluene-d8	95		%	09/14/10		R/L	SW8260
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	240	ug/Kg	09/15/10		HM	SW 8270
1,2,4-Trichlorobenzene	ND	240	ug/Kg	09/15/10		HM	SW 8270
1,2-Dichlorobenzene	ND	240	ug/Kg	09/15/10		HM	SW 8270
1,3-Dichlorobenzene	ND	240	ug/Kg	09/15/10		HM	SW 8270
1,4-Dichlorobenzene	ND	240	ug/Kg	09/15/10		HM	SW 8270
2,4,5-Trichlorophenol	ND	240	ug/Kg	09/15/10		HM	SW 8270
2,4,6-Trichlorophenol	ND	240	ug/Kg	09/15/10		HM	SW 8270
2,4-Dichlorophenol	ND	240	ug/Kg	09/15/10		HM	SW 8270
2,4-Dimethylphenol	ND	240	ug/Kg	09/15/10		HM	SW 8270
2,4-Dinitrophenol	ND	550	ug/Kg	09/15/10		HM	SW 8270
2,4-Dinitrotoluene	ND	240	ug/Kg	09/15/10		HM	SW 8270
2,6-Dinitrotoluene	ND	240	ug/Kg	09/15/10		HM	SW 8270
2-Chloronaphthalene	ND	240	ug/Kg	09/15/10		HM	SW 8270
2-Chlorophenol	ND	240	ug/Kg	09/15/10		HM	SW 8270
2-Methylnaphthalene	ND	240	ug/Kg	09/15/10		HM	SW 8270
2-Methylphenol (o-cresol)	ND	240	ug/Kg	09/15/10		HM	SW 8270
2-Nitroaniline	ND	550	ug/Kg	09/15/10		HM	SW 8270
2-Nitrophenol	ND	240	ug/Kg	09/15/10		HM	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	350	ug/Kg	09/15/10		HM	SW 8270
3,3'-Dichlorobenzidine	ND	410	ug/Kg	09/15/10		HM	SW 8270
3-Nitroaniline	ND	550	ug/Kg	09/15/10		HM	SW 8270
4,6-Dinitro-2-methylphenol	ND	1000	ug/Kg	09/15/10		HM	SW 8270
4-Bromophenyl phenyl ether	ND	350	ug/Kg	09/15/10		HM	SW 8270
4-Chloro-3-methylphenol	ND	240	ug/Kg	09/15/10		HM	SW 8270
4-Chloroaniline	ND	240	ug/Kg	09/15/10		HM	SW 8270
4-Chlorophenyl phenyl ether	ND	240	ug/Kg	09/15/10		HM	SW 8270
4-Nitroaniline	ND	550	ug/Kg	09/15/10		HM	SW 8270
4-Nitrophenol	ND	1000	ug/Kg	09/15/10		HM	SW 8270
Acenaphthene	ND	240	ug/Kg	09/15/10		HM	SW 8270
Acenaphthylene	ND	240	ug/Kg	09/15/10		HM	SW 8270
Acetophenone	ND	240	ug/Kg	09/15/10		HM	SW 8270
Aniline	ND	1000	ug/Kg	09/15/10		HM	SW 8270
Anthracene	ND	240	ug/Kg	09/15/10		HM	SW 8270

Project ID: WESTBROOK SLE STATION
Client ID: DUPLICATE

Phoenix I.D.: AZ53984

Parameter	Result	RL	Units	Date	Time	By	Reference
Azobenzene	ND	350	ug/Kg	09/15/10		HM	SW 8270
Benz(a)anthracene	ND	240	ug/Kg	09/15/10		HM	SW 8270
Benzidine	ND	410	ug/Kg	09/15/10		HM	SW 8270
Benzo(a)pyrene	ND	240	ug/Kg	09/15/10		HM	SW 8270
Benzo(b)fluoranthene	ND	240	ug/Kg	09/15/10		HM	SW 8270
Benzo(ghi)perylene	ND	240	ug/Kg	09/15/10		HM	SW 8270
Benzo(k)fluoranthene	ND	240	ug/Kg	09/15/10		HM	SW 8270
Benzoic acid	ND	1000	ug/Kg	09/15/10		HM	SW 8270
Benzyl butyl phthalate	ND	240	ug/Kg	09/15/10		HM	SW 8270
Bis(2-chloroethoxy)methane	ND	240	ug/Kg	09/15/10		HM	SW 8270
Bis(2-chloroethyl)ether	ND	350	ug/Kg	09/15/10		HM	SW 8270
Bis(2-chloroisopropyl)ether	ND	240	ug/Kg	09/15/10		HM	SW 8270
Bis(2-ethylhexyl)phthalate	ND	240	ug/Kg	09/15/10		HM	SW 8270
Carbazole	ND	1000	ug/Kg	09/15/10		HM	SW 8270
Chrysene	ND	240	ug/Kg	09/15/10		HM	SW 8270
Dibenz(a,h)anthracene	ND	240	ug/Kg	09/15/10		HM	SW 8270
Dibenzofuran	ND	240	ug/Kg	09/15/10		HM	SW 8270
Diethyl phthalate	ND	240	ug/Kg	09/15/10		HM	SW 8270
Dimethylphthalate	ND	240	ug/Kg	09/15/10		HM	SW 8270
Di-n-butylphthalate	ND	240	ug/Kg	09/15/10		HM	SW 8270
Di-n-octylphthalate	ND	240	ug/Kg	09/15/10		HM	SW 8270
Fluoranthene	ND	240	ug/Kg	09/15/10		HM	SW 8270
Fluorene	ND	240	ug/Kg	09/15/10		HM	SW 8270
Hexachlorobenzene	ND	240	ug/Kg	09/15/10		HM	SW 8270
Hexachlorobutadiene	ND	240	ug/Kg	09/15/10		HM	SW 8270
Hexachlorocyclopentadiene	ND	240	ug/Kg	09/15/10		HM	SW 8270
Hexachloroethane	ND	240	ug/Kg	09/15/10		HM	SW 8270
Indeno(1,2,3-cd)pyrene	ND	240	ug/Kg	09/15/10		HM	SW 8270
Isophorone	ND	240	ug/Kg	09/15/10		HM	SW 8270
Naphthalene	ND	240	ug/Kg	09/15/10		HM	SW 8270
Nitrobenzene	ND	240	ug/Kg	09/15/10		HM	SW 8270
N-Nitrosodimethylamine	ND	350	ug/Kg	09/15/10		HM	SW 8270
N-Nitrosodi-n-propylamine	ND	240	ug/Kg	09/15/10		HM	SW 8270
N-Nitrosodiphenylamine	ND	350	ug/Kg	09/15/10		HM	SW 8270
Pentachloronitrobenzene	ND	350	ug/Kg	09/15/10		HM	SW 8270
Pentachlorophenol	ND	350	ug/Kg	09/15/10		HM	SW 8270
Phenanthrene	ND	240	ug/Kg	09/15/10		HM	SW 8270
Phenol	ND	240	ug/Kg	09/15/10		HM	SW 8270
Pyrene	ND	240	ug/Kg	09/15/10		HM	SW 8270
Pyridine	ND	350	ug/Kg	09/15/10		HM	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	105		%	09/15/10		HM	SW 8270
% 2-Fluorobiphenyl	74		%	09/15/10		HM	SW 8270
% 2-Fluorophenol	77		%	09/15/10		HM	SW 8270
% Nitrobenzene-d5	66		%	09/15/10		HM	SW 8270
% Phenol-d5	85		%	09/15/10		HM	SW 8270
% Terphenyl-d14	71		%	09/15/10		HM	SW 8270
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	10	mg/Kg	09/16/10		KCA	CT ETPH/8015

Project ID: WESTBROOK SLE STATION
Client ID: DUPLICATE

Phoenix I.D.: AZ53984

Parameter	Result	RL	Units	Date	Time	By	Reference
Identification	ND		mg/Kg	09/16/10		KCA	CT ETPH/8015
QA/QC Surrogates							
% n-Pentacosane	146		%	09/16/10		KCA	CT ETPH/8015
Polychlorinated Biphenyls							
PCB-1016	ND	340	ug/Kg	09/15/10		MH	SW 8082
PCB-1221	ND	340	ug/Kg	09/15/10		MH	SW 8082
PCB-1232	ND	340	ug/Kg	09/15/10		MH	SW 8082
PCB-1242	ND	340	ug/Kg	09/15/10		MH	SW 8082
PCB-1248	ND	340	ug/Kg	09/15/10		MH	SW 8082
PCB-1254	ND	340	ug/Kg	09/15/10		MH	SW 8082
PCB-1260	ND	340	ug/Kg	09/15/10		MH	SW 8082
PCB-1262	ND	340	ug/Kg	09/15/10		MH	SW 8082
PCB-1268	ND	340	ug/Kg	09/15/10		MH	SW 8082
QA/QC Surrogates							
% DCBP	96		%	09/15/10		MH	SW 8082
% TCMX	70		%	09/15/10		MH	SW 8082

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director
October 07, 2010

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 07, 2010

FOR: Attn: Ms Joy Kloss
Diversified Tech. Consultants
2321 Whitney Avenue 3rd floor
Hamden Center II
Hamden CT 06518

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	JK	09/10/10	0:00
Location Code:	DTECHDAS	Received by:	SW	09/14/10	16:55
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GAZ53978
Phoenix ID: AZ53985

Project ID: WESTBROOK SLE STATION

Client ID: TRIP BLANK

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	09/15/10		JL	E160.3
Field Extraction	Completed			09/10/10		JK	SW5035
Volatiles							
1,1,1,2-Tetrachloroethane	ND	250	ug/Kg	09/14/10		R/L	SW8260
1,1,1-Trichloroethane	ND	250	ug/Kg	09/14/10		R/L	SW8260
1,1,2,2-Tetrachloroethane	ND	250	ug/Kg	09/14/10		R/L	SW8260
1,1,2-Trichloroethane	ND	250	ug/Kg	09/14/10		R/L	SW8260
1,1-Dichloroethane	ND	250	ug/Kg	09/14/10		R/L	SW8260
1,1-Dichloroethene	ND	250	ug/Kg	09/14/10		R/L	SW8260
1,1-Dichloropropene	ND	250	ug/Kg	09/14/10		R/L	SW8260
1,2,3-Trichlorobenzene	ND	250	ug/Kg	09/14/10		R/L	SW8260
1,2,3-Trichloropropane	ND	250	ug/Kg	09/14/10		R/L	SW8260
1,2,4-Trichlorobenzene	ND	250	ug/Kg	09/14/10		R/L	SW8260
1,2,4-Trimethylbenzene	ND	250	ug/Kg	09/14/10		R/L	SW8260
1,2-Dibromo-3-chloropropane	ND	250	ug/Kg	09/14/10		R/L	SW8260
1,2-Dichlorobenzene	ND	250	ug/Kg	09/14/10		R/L	SW8260
1,2-Dichloroethane	ND	250	ug/Kg	09/14/10		R/L	SW8260
1,2-Dichloropropane	ND	250	ug/Kg	09/14/10		R/L	SW8260
1,3,5-Trimethylbenzene	ND	250	ug/Kg	09/14/10		R/L	SW8260
1,3-Dichlorobenzene	ND	250	ug/Kg	09/14/10		R/L	SW8260
1,3-Dichloropropane	ND	250	ug/Kg	09/14/10		R/L	SW8260
1,4-Dichlorobenzene	ND	250	ug/Kg	09/14/10		R/L	SW8260
2,2-Dichloropropane	ND	250	ug/Kg	09/14/10		R/L	SW8260
2-Chlorotoluene	ND	250	ug/Kg	09/14/10		R/L	SW8260
2-Hexanone	ND	1300	ug/Kg	09/14/10		R/L	SW8260
2-Isopropyltoluene	ND	250	ug/Kg	09/14/10		R/L	SW8260
4-Chlorotoluene	ND	250	ug/Kg	09/14/10		R/L	SW8260

Project ID: WESTBROOK SLE STATION
Client ID: TRIP BLANK

Phoenix I.D.: AZ53985

Parameter	Result	RL	Units	Date	Time	By	Reference
4-Methyl-2-pentanone	ND	1300	ug/Kg	09/14/10		R/L	SW8260
Acetone	ND	5000	ug/Kg	09/14/10		R/L	SW8260
Acrylonitrile	ND	500	ug/Kg	09/14/10		R/L	SW8260
Benzene	ND	250	ug/Kg	09/14/10		R/L	SW8260
Bromobenzene	ND	250	ug/Kg	09/14/10		R/L	SW8260
Bromochloromethane	ND	250	ug/Kg	09/14/10		R/L	SW8260
Bromodichloromethane	ND	250	ug/Kg	09/14/10		R/L	SW8260
Bromoform	ND	250	ug/Kg	09/14/10		R/L	SW8260
Bromomethane	ND	250	ug/Kg	09/14/10		R/L	SW8260
Carbon Disulfide	ND	250	ug/Kg	09/14/10		R/L	SW8260
Carbon tetrachloride	ND	250	ug/Kg	09/14/10		R/L	SW8260
Chlorobenzene	ND	250	ug/Kg	09/14/10		R/L	SW8260
Chloroethane	ND	250	ug/Kg	09/14/10		R/L	SW8260
Chloroform	ND	250	ug/Kg	09/14/10		R/L	SW8260
Chloromethane	ND	250	ug/Kg	09/14/10		R/L	SW8260
cis-1,2-Dichloroethene	ND	250	ug/Kg	09/14/10		R/L	SW8260
cis-1,3-Dichloropropene	ND	250	ug/Kg	09/14/10		R/L	SW8260
Dibromochloromethane	ND	250	ug/Kg	09/14/10		R/L	SW8260
Dibromoethane	ND	250	ug/Kg	09/14/10		R/L	SW8260
Dibromomethane	ND	250	ug/Kg	09/14/10		R/L	SW8260
Dichlorodifluoromethane	ND	250	ug/Kg	09/14/10		R/L	SW8260
Ethylbenzene	ND	250	ug/Kg	09/14/10		R/L	SW8260
Hexachlorobutadiene	ND	250	ug/Kg	09/14/10		R/L	SW8260
Isopropylbenzene	ND	250	ug/Kg	09/14/10		R/L	SW8260
m&p-Xylene	ND	250	ug/Kg	09/14/10		R/L	SW8260
Methyl Ethyl Ketone	ND	3000	ug/Kg	09/14/10		R/L	SW8260
Methyl t-butyl ether (MTBE)	ND	250	ug/Kg	09/14/10		R/L	SW8260
Methylene chloride	ND	500	ug/Kg	09/14/10		R/L	SW8260
Naphthalene	ND	250	ug/Kg	09/14/10		R/L	SW8260
n-Butylbenzene	ND	250	ug/Kg	09/14/10		R/L	SW8260
n-Propylbenzene	ND	250	ug/Kg	09/14/10		R/L	SW8260
o-Xylene	ND	250	ug/Kg	09/14/10		R/L	SW8260
p-Isopropyltoluene	ND	250	ug/Kg	09/14/10		R/L	SW8260
sec-Butylbenzene	ND	250	ug/Kg	09/14/10		R/L	SW8260
Styrene	ND	250	ug/Kg	09/14/10		R/L	SW8260
tert-Butylbenzene	ND	250	ug/Kg	09/14/10		R/L	SW8260
Tetrachloroethene	ND	250	ug/Kg	09/14/10		R/L	SW8260
Tetrahydrofuran (THF)	ND	500	ug/Kg	09/14/10		R/L	SW8260
Toluene	ND	250	ug/Kg	09/14/10		R/L	SW8260
Total Xylenes	ND	250	ug/Kg	09/14/10		R/L	SW8260
trans-1,2-Dichloroethene	ND	250	ug/Kg	09/14/10		R/L	SW8260
trans-1,3-Dichloropropene	ND	250	ug/Kg	09/14/10		R/L	SW8260
trans-1,4-dichloro-2-butene	ND	500	ug/Kg	09/14/10		R/L	SW8260
Trichloroethene	ND	250	ug/Kg	09/14/10		R/L	SW8260
Trichlorofluoromethane	ND	250	ug/Kg	09/14/10		R/L	SW8260
Trichlorotrifluoroethane	ND	250	ug/Kg	09/14/10		R/L	SW8260
Vinyl chloride	ND	250	ug/Kg	09/14/10		R/L	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	97		%	09/14/10		R/L	SW8260
% Bromofluorobenzene	95		%	09/14/10		R/L	SW8260

Project ID: WESTBROOK SLE STATION

Client ID: TRIP BLANK

Phoenix I.D.: AZ53985

Parameter	Result	RL	Units	Date	Time	By	Reference
% Dibromofluoromethane	89		%	09/14/10		R/L	SW8260
% Toluene-d8	95		%	09/14/10		R/L	SW8260

Comments:

TRIP BLANK INCLUDED. %SOLIDS ASSUMED 100%

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller

Phyllis Shiller, Laboratory Director

October 07, 2010

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 07, 2010

FOR: Attn: Ms Joy Kloss
Diversified Tech. Consultants
2321 Whitney Avenue 3rd floor
Hamden Center II
Hamden CT 06518

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	JK	09/10/10	0:00
Location Code:	DTECHDAS	Received by:	SW	09/14/10	16:55
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GAZ53978
Phoenix ID: AZ53986

Project ID: WESTBROOK SLE STATION

Client ID: TRIP BLANK

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	09/15/10		JL	E160.3
Field Extraction	Completed			09/10/10		JK	SW5035
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	09/14/10		R/L	SW8260
1,1,1-Trichloroethane	ND	5.0	ug/Kg	09/14/10		R/L	SW8260
1,1,2,2-Tetrachloroethane	ND	1.2	ug/Kg	09/14/10		R/L	SW8260
1,1,2-Trichloroethane	ND	5.0	ug/Kg	09/14/10		R/L	SW8260
1,1-Dichloroethane	ND	5.0	ug/Kg	09/14/10		R/L	SW8260
1,1-Dichloroethene	ND	5.0	ug/Kg	09/14/10		R/L	SW8260
1,1-Dichloropropene	ND	5.0	ug/Kg	09/14/10		R/L	SW8260
1,2,3-Trichlorobenzene	ND	5.0	ug/Kg	09/14/10		R/L	SW8260
1,2,3-Trichloropropane	ND	5.0	ug/Kg	09/14/10		R/L	SW8260
1,2,4-Trichlorobenzene	ND	5.0	ug/Kg	09/14/10		R/L	SW8260
1,2,4-Trimethylbenzene	ND	5.0	ug/Kg	09/14/10		R/L	SW8260
1,2-Dibromo-3-chloropropane	ND	5.0	ug/Kg	09/14/10		R/L	SW8260
1,2-Dichlorobenzene	ND	5.0	ug/Kg	09/14/10		R/L	SW8260
1,2-Dichloroethane	ND	5.0	ug/Kg	09/14/10		R/L	SW8260
1,2-Dichloropropane	ND	5.0	ug/Kg	09/14/10		R/L	SW8260
1,3,5-Trimethylbenzene	ND	5.0	ug/Kg	09/14/10		R/L	SW8260
1,3-Dichlorobenzene	ND	5.0	ug/Kg	09/14/10		R/L	SW8260
1,3-Dichloropropane	ND	5.0	ug/Kg	09/14/10		R/L	SW8260
1,4-Dichlorobenzene	ND	5.0	ug/Kg	09/14/10		R/L	SW8260
2,2-Dichloropropane	ND	5.0	ug/Kg	09/14/10		R/L	SW8260
2-Chlorotoluene	ND	5.0	ug/Kg	09/14/10		R/L	SW8260
2-Hexanone	ND	25	ug/Kg	09/14/10		R/L	SW8260
2-Isopropyltoluene	ND	5.0	ug/Kg	09/14/10		R/L	SW8260
4-Chlorotoluene	ND	5.0	ug/Kg	09/14/10		R/L	SW8260

Project ID: WESTBROOK SLE STATION
Client ID: TRIP BLANK

Phoenix I.D.: AZ53986

Parameter	Result	RL	Units	Date	Time	By	Reference
4-Methyl-2-pentanone	ND	25	ug/Kg	09/14/10		R/L	SW8260
Acetone	ND	100	ug/Kg	09/14/10		R/L	SW8260
Acrylonitrile	ND	5.0	ug/Kg	09/14/10		R/L	SW8260
Benzene	ND	5.0	ug/Kg	09/14/10		R/L	SW8260
Bromobenzene	ND	5.0	ug/Kg	09/14/10		R/L	SW8260
Bromochloromethane	ND	5.0	ug/Kg	09/14/10		R/L	SW8260
Bromodichloromethane	ND	3.8	ug/Kg	09/14/10		R/L	SW8260
Bromoform	ND	5.0	ug/Kg	09/14/10		R/L	SW8260
Bromomethane	ND	5.0	ug/Kg	09/14/10		R/L	SW8260
Carbon Disulfide	ND	5.0	ug/Kg	09/14/10		R/L	SW8260
Carbon tetrachloride	ND	5.0	ug/Kg	09/14/10		R/L	SW8260
Chlorobenzene	ND	5.0	ug/Kg	09/14/10		R/L	SW8260
Chloroethane	ND	5.0	ug/Kg	09/14/10		R/L	SW8260
Chloroform	ND	5.0	ug/Kg	09/14/10		R/L	SW8260
Chloromethane	ND	5.0	ug/Kg	09/14/10		R/L	SW8260
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	09/14/10		R/L	SW8260
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	09/14/10		R/L	SW8260
Dibromochloromethane	ND	3.0	ug/Kg	09/14/10		R/L	SW8260
Dibromoethane	ND	5.0	ug/Kg	09/14/10		R/L	SW8260
Dibromomethane	ND	5.0	ug/Kg	09/14/10		R/L	SW8260
Dichlorodifluoromethane	ND	5.0	ug/Kg	09/14/10		R/L	SW8260
Ethylbenzene	ND	5.0	ug/Kg	09/14/10		R/L	SW8260
Hexachlorobutadiene	ND	5.0	ug/Kg	09/14/10		R/L	SW8260
Isopropylbenzene	ND	5.0	ug/Kg	09/14/10		R/L	SW8260
m&p-Xylene	ND	5.0	ug/Kg	09/14/10		R/L	SW8260
Methyl Ethyl Ketone	ND	30	ug/Kg	09/14/10		R/L	SW8260
Methyl t-butyl ether (MTBE)	ND	10	ug/Kg	09/14/10		R/L	SW8260
Methylene chloride	ND	5.0	ug/Kg	09/14/10		R/L	SW8260
Naphthalene	ND	5.0	ug/Kg	09/14/10		R/L	SW8260
n-Butylbenzene	ND	5.0	ug/Kg	09/14/10		R/L	SW8260
n-Propylbenzene	ND	5.0	ug/Kg	09/14/10		R/L	SW8260
o-Xylene	ND	5.0	ug/Kg	09/14/10		R/L	SW8260
p-Isopropyltoluene	ND	5.0	ug/Kg	09/14/10		R/L	SW8260
sec-Butylbenzene	ND	5.0	ug/Kg	09/14/10		R/L	SW8260
Styrene	ND	5.0	ug/Kg	09/14/10		R/L	SW8260
tert-Butylbenzene	ND	5.0	ug/Kg	09/14/10		R/L	SW8260
Tetrachloroethene	ND	5.0	ug/Kg	09/14/10		R/L	SW8260
Tetrahydrofuran (THF)	ND	10	ug/Kg	09/14/10		R/L	SW8260
Toluene	ND	5.0	ug/Kg	09/14/10		R/L	SW8260
Total Xylenes	ND	5.0	ug/Kg	09/14/10		R/L	SW8260
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	09/14/10		R/L	SW8260
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	09/14/10		R/L	SW8260
trans-1,4-dichloro-2-butene	ND	10	ug/Kg	09/14/10		R/L	SW8260
Trichloroethene	ND	5.0	ug/Kg	09/14/10		R/L	SW8260
Trichlorofluoromethane	ND	5.0	ug/Kg	09/14/10		R/L	SW8260
Trichlorotrifluoroethane	ND	5.0	ug/Kg	09/14/10		R/L	SW8260
Vinyl chloride	ND	5.0	ug/Kg	09/14/10		R/L	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	98		%	09/14/10		R/L	SW8260
% Bromofluorobenzene	90		%	09/14/10		R/L	SW8260

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Parameter	Result	RL	Units	Date	Time	By	Reference
% Dibromofluoromethane	82		%	09/14/10		R/L	SW8260
% Toluene-d8	92		%	09/14/10		R/L	SW8260

Comments:

TRIP BLANK INCLUDED. %SOLIDS ASSUMED 100%

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director

October 07, 2010

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

October 07, 2010

QA/QC Data

SDG I.D.: GAZ53978

Parameter	Blank	Dup RPD	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch 161197, QC Sample No: AZ53733 (AZ53978, AZ53979, AZ53981, AZ53982, AZ53984)								
ICP Metals - Soil								
Arsenic	BDL	NC	88.0	86.4	1.8	87.8	89.5	1.9
Barium	BDL	20.2	91.1	89.3	2.0	91.1	89.2	2.1
Cadmium	BDL	NC	92.0	92.2	0.2	90.0	89.6	0.4
Chromium	BDL	20.0	91.0	90.2	0.9	92.6	92.0	0.7
Lead	BDL	13.6	88.7	87.3	1.6	93.2	91.7	1.6
Selenium	BDL	NC	89.0	88.0	1.1	85.3	85.1	0.2
Silver	BDL	NC	87.9	84.3	4.2	89.8	87.7	2.4
QA/QC Batch 161229, QC Sample No: AZ53984 (AZ53978, AZ53979, AZ53981, AZ53982, AZ53984)								
Mercury	BDL	NC	113	104	8.3	106	101	4.8
QA/QC Batch 161825, QC Sample No: AZ57136 (AZ53981)								
ICP Metals - Aqueous Extraction								
Lead	BDL	NC	97.6	93.7	4.1	95.8	92.8	3.2
QA/QC Batch 162553, QC Sample No: AZ60895 (AZ53982, AZ53983)								
ICP Metals - Aqueous Extraction								
Lead	BDL	0.90	98.6	95.6	3.1	96.4	99.6	3.3
QA/QC Batch 162780, QC Sample No: AZ62135 (AZ53983)								
ICP Metals - Soil								
Arsenic	BDL	NC	99.8	100	0.2	89.0	88.9	0.1
Barium	BDL	0.40	104	109	4.7	91.1	93.7	2.8
Cadmium	BDL	NC	105	100	4.9	88.9	88.3	0.7
Chromium	BDL	3.10	108	104	3.8	91.5	93.3	1.9
Lead	BDL	6.60	105	104	1.0	91.0	92.1	1.2
Selenium	BDL	NC	97.5	93.6	4.1	83.7	83.4	0.4
Silver	BDL	NC	103	103	0.0	89.0	89.7	0.8

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QA/QC Report

October 07, 2010

QA/QC Data

SDG I.D.: GAZ53978

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch 161207, QC Sample No: AZ52618 (AZ53981)							
Chlorinated Herbicides							
2,4,5-T	ND	83	69	18.4			
2,4,5-TP (Silvex)	ND	55	68	21.1			
2,4-D	ND	82	100	19.8			
2,4-DB	ND	101	88	13.8			
Dalapon	ND	46	44	4.4			
Dicamba	ND	59	71	18.5			
Dichloroprop	ND	117	98	17.7			
Dinoseb	ND	18	17	5.7			
% DCAA (Surrogate Rec)	126	126	120	4.9			
QA/QC Batch 161203, QC Sample No: AZ53978 (AZ53978, AZ53979, AZ53981, AZ53982, AZ53984)							
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	112	72	43.5	84	56	40.0
% n-Pentacosane	58	130	86	40.7	99	67	38.6
QA/QC Batch 161185, QC Sample No: AZ53978 (AZ53978, AZ53979, AZ53981, AZ53982, AZ53984)							
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	66	57	14.6	67	80	17.7
1,2,4-Trichlorobenzene	ND	59	51	14.5	60	71	16.8
1,2-Dichlorobenzene	ND	61	53	14.0	62	72	14.9
1,3-Dichlorobenzene	ND	61	52	15.9	61	70	13.7
1,4-Dichlorobenzene	ND	60	52	14.3	60	69	14.0
2,4,5-Trichlorophenol	ND	77	60	24.8	77	91	16.7
2,4,6-Trichlorophenol	ND	71	57	21.9	72	84	15.4
2,4-Dichlorophenol	ND	71	59	18.5	73	85	15.2
2,4-Dimethylphenol	ND	41	36	13.0	45	53	16.3
2,4-Dinitrophenol	ND	40	<5	NC	9.0	NC	NC
2,4-Dinitrotoluene	ND	64	55	15.1	65	79	19.4
2,6-Dinitrotoluene	ND	66	55	18.2	68	80	16.2
2-Chloronaphthalene	ND	64	54	16.9	66	76	14.1
2-Chlorophenol	ND	60	51	16.2	61	72	16.5
2-Methylnaphthalene	ND	65	55	16.7	66	78	16.7
2-Methylphenol (o-cresol)	ND	62	54	13.8	65	77	16.9
2-Nitroaniline	ND	114	99	14.1	119	NC	NC
2-Nitrophenol	ND	66	53	21.8	69	79	13.5
3&4-Methylphenol (m&p-cresol)	ND	66	56	16.4	68	81	17.4
3,3'-Dichlorobenzidine	ND	N/A	N/A	NC	N/A	N/A	NC
3-Nitroaniline	ND	111	95	15.5	110	129	15.9
4,6-Dinitro-2-methylphenol	ND	58	17	109.3	65	75	14.3
4-Bromophenyl phenyl ether	ND	73	59	21.2	73	86	16.4
4-Chloro-3-methylphenol	ND	76	61	21.9	77	90	15.6
4-Chloroaniline	ND	67	58	14.4	64	75	15.8

QA/QC Data

SDG I.D.: GAZ53978

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
4-Chlorophenyl phenyl ether	ND	68	57	17.6	69	83	18.4
4-Nitroaniline	ND	72	59	19.8	72	84	15.4
4-Nitrophenol	ND	59	45	26.9	61	72	16.5
Acenaphthene	ND	68	56	19.4	69	79	13.5
Acenaphthylene	ND	66	55	18.2	67	77	13.9
Acetophenone	ND	64	55	15.1	65	77	16.9
Aniline	ND	N/A	N/A	NC	N/A	N/A	NC
Anthracene	ND	72	59	19.8	72	86	17.7
Azobenzene	ND	65	56	14.9	67	79	16.4
Benz(a)anthracene	ND	69	58	17.3	71	85	17.9
Benzidine	ND	N/A	N/A	NC	N/A	N/A	NC
Benzo(a)pyrene	ND	69	58	17.3	70	84	18.2
Benzo(b)fluoranthene	ND	67	59	12.7	70	84	18.2
Benzo(ghi)perylene	ND	95	61	43.6	90	96	6.5
Benzo(k)fluoranthene	ND	62	57	8.4	69	81	16.0
Benzoic acid	ND	N/A	N/A	NC	N/A	N/A	NC
Benzyl butyl phthalate	ND	62	54	13.8	64	79	21.0
Bis(2-chloroethoxy)methane	ND	63	55	13.6	64	75	15.8
Bis(2-chloroethyl)ether	ND	61	53	14.0	62	72	14.9
Bis(2-chloroisopropyl)ether	ND	61	53	14.0	62	73	16.3
Bis(2-ethylhexyl)phthalate	ND	65	56	14.9	68	83	19.9
Carbazole	ND	69	63	9.1	71	87	20.3
Chrysene	ND	72	61	16.5	75	88	16.0
Dibenz(a,h)anthracene	ND	91	62	37.9	87	98	11.9
Dibenzofuran	ND	65	55	16.7	66	78	16.7
Diethyl phthalate	ND	64	55	15.1	65	80	20.7
Dimethylphthalate	ND	66	56	16.4	67	81	18.9
Di-n-butylphthalate	ND	53	52	1.9	55	71	25.4
Di-n-octylphthalate	ND	76	64	17.1	78	96	20.7
Fluoranthene	ND	55	54	1.8	57	72	23.3
Fluorene	ND	72	61	16.5	74	87	16.1
Hexachlorobenzene	ND	68	57	17.6	68	81	17.4
Hexachlorobutadiene	ND	60	53	12.4	61	73	17.9
Hexachlorocyclopentadiene	ND	70	56	22.2	65	82	23.1
Hexachloroethane	ND	60	52	14.3	60	70	15.4
Indeno(1,2,3-cd)pyrene	ND	92	62	39.0	88	97	9.7
Isophorone	ND	59	51	14.5	60	71	16.8
Naphthalene	ND	64	55	15.1	65	75	14.3
Nitrobenzene	ND	61	52	15.9	63	73	14.7
N-Nitrosodimethylamine	ND	61	48	23.9	59	65	9.7
N-Nitrosodi-n-propylamine	ND	63	54	15.4	65	77	16.9
N-Nitrosodiphenylamine	ND	76	64	17.1	76	91	18.0
Pentachloronitrobenzene	ND	66	56	16.4	66	83	22.8
Pentachlorophenol	ND	78	51	41.9	83	105	23.4
Phenanthrene	ND	68	56	19.4	68	81	17.4
Phenol	ND	66	55	18.2	66	77	15.4
Pyrene	ND	54	55	1.8	58	72	21.5
Pyridine	ND	9.8	8.4	15.4	8.9	9.3	4.4
% 2,4,6-Tribromophenol	101	84	61	31.7	81	92	12.7
% 2-Fluorobiphenyl	71	60	49	20.2	60	70	15.4
% 2-Fluorophenol	75	65	51	24.1	63	72	13.3
% Nitrobenzene-d5	71	58	47	21.0	58	67	14.4
% Phenol-d5	75	65	52	22.2	64	75	15.8

QA/QC Data

SDG I.D.: GAZ53978

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
% Terphenyl-d14	61	45	44	2.2	47	57	19.2
QA/QC Batch 161200, QC Sample No: AZ53981 (AZ53981)							
Pesticides							
4,4' -DDD	ND	74	85	13.8	92	88	4.4
4,4' -DDE	ND	80	91	12.9	91	83	9.2
4,4' -DDT	ND	79	91	14.1	95	87	8.8
a-BHC	ND	84	95	12.3	91	88	3.4
a-Chlordane	ND	81	93	13.8	90	84	6.9
Alachlor	ND	N/A	N/A	NC	N/A	N/A	NC
Aldrin	ND	85	97	13.2	93	88	5.5
b-BHC	ND	81	93	13.8	88	84	4.7
Chlordane	ND	N/A	N/A	NC	N/A	N/A	NC
d-BHC	ND	82	95	14.7	91	87	4.5
Dieldrin	ND	81	93	13.8	88	79	10.8
Endosulfan I	ND	81	93	13.8	88	81	8.3
Endosulfan II	ND	71	90	23.6	90	83	8.1
Endosulfan sulfate	ND	71	88	21.4	91	84	8.0
Endrin	ND	87	99	12.9	94	88	6.6
Endrin aldehyde	ND	78	109	33.2	112	103	8.4
Endrin ketone	ND	78	95	19.7	95	86	9.9
g-BHC	ND	84	94	11.2	94	89	5.5
g-Chlordane	ND	81	93	13.8	90	84	6.9
Heptachlor	ND	82	93	12.6	85	81	4.8
Heptachlor epoxide	ND	81	93	13.8	87	82	5.9
Methoxychlor	ND	78	91	15.4	104	93	11.2
Toxaphene	ND	N/A	N/A	NC	N/A	N/A	NC
% DCBP	89	86	94	8.9	99	93	6.3
% TCMX	66	75	81	7.7	77	74	4.0
QA/QC Batch 161199, QC Sample No: AZ53981 (AZ53978, AZ53979, AZ53981, AZ53982, AZ53984)							
Polychlorinated Biphenyls							
PCB-1016	ND	97	109	11.7	83	78	6.2
PCB-1221	ND						
PCB-1232	ND						
PCB-1242	ND						
PCB-1248	ND						
PCB-1254	ND						
PCB-1260	ND	96	113	16.3	99	99	0.0
PCB-1262	ND						
PCB-1268	ND						
% DCBP (Surrogate Rec)	99	99	107	7.8	98	107	8.8
% TCMX (Surrogate Rec)	70	72	80	10.5	67	66	1.5
QA/QC Batch 161265, QC Sample No: AZ53984 (AZ53978, AZ53979, AZ53981, AZ53982, AZ53984, AZ53985, AZ53986)							
Volatiles							
1,1,1,2-Tetrachloroethane	ND	89	105	16.5	101	90	11.5
1,1,1-Trichloroethane	ND	82	93	12.6	90	80	11.8
1,1,2,2-Tetrachloroethane	ND	81	86	6.0	90	97	7.5
1,1,2-Trichloroethane	ND	86	90	4.5	88	93	5.5
1,1-Dichloroethane	ND	73	83	12.8	84	78	7.4
1,1-Dichloroethene	ND	84	88	4.7	90	85	5.7
1,1-Dichloropropene	ND	83	95	13.5	100	84	17.4
1,2,3-Trichlorobenzene	ND	93	101	8.2	82	89	8.2

QA/QC Data

SDG I.D.: GAZ53978

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
1,2,3-Trichloropropane	ND	81	89	9.4	87	94	7.7
1,2,4-Trichlorobenzene	ND	97	111	13.5	89	89	0.0
1,2,4-Trimethylbenzene	ND	82	102	21.7	96	81	16.9
1,2-Dibromo-3-chloropropane	ND	103	104	1.0	97	114	16.1
1,2-Dichlorobenzene	ND	78	95	19.7	87	82	5.9
1,2-Dichloroethane	ND	87	94	7.7	87	95	8.8
1,2-Dichloropropane	ND	77	87	12.2	86	81	6.0
1,3,5-Trimethylbenzene	ND	79	99	22.5	96	80	18.2
1,3-Dichlorobenzene	ND	83	103	21.5	93	84	10.2
1,3-Dichloropropane	ND	84	94	11.2	92	97	5.3
1,4-Dichlorobenzene	ND	82	97	16.8	90	81	10.5
2,2-Dichloropropane	ND	84	87	3.5	87	84	3.5
2-Chlorotoluene	ND	79	98	21.5	95	82	14.7
2-Hexanone	ND	108	91	17.1	86	98	13.0
2-Isopropyltoluene	ND	80	99	21.2	95	82	14.7
4-Chlorotoluene	ND	85	100	16.2	97	82	16.8
4-Methyl-2-pentanone	ND	92	83	10.3	79	101	24.4
Acetone	ND	89	72	21.1	64	98	42.0
Acrylonitrile	ND	89	89	0.0	90	119	27.8
Benzene	ND	80	93	15.0	90	81	10.5
Bromobenzene	ND	79	95	18.4	91	84	8.0
Bromochloromethane	ND	83	92	10.3	89	92	3.3
Bromodichloromethane	ND	88	98	10.8	92	91	1.1
Bromoform	ND	103	106	2.9	100	109	8.6
Bromomethane	ND	93	92	1.1	90	89	1.1
Carbon Disulfide	ND	82	87	5.9	90	83	8.1
Carbon tetrachloride	ND	92	103	11.3	98	87	11.9
Chlorobenzene	ND	85	100	16.2	97	89	8.6
Chloroethane	ND	79	96	19.4	95	87	8.8
Chloroform	ND	77	88	13.3	87	83	4.7
Chloromethane	ND	65	92	34.4	101	81	22.0
cis-1,2-Dichloroethene	ND	78	89	13.2	89	84	5.8
cis-1,3-Dichloropropene	ND	87	92	5.6	86	89	3.4
Dibromochloromethane	ND	91	101	10.4	96	100	4.1
Dibromoethane	ND	100	93	7.3	85	110	25.6
Dibromomethane	ND	85	87	2.3	86	96	11.0
Dichlorodifluoromethane	ND	112	122	8.5	122	109	11.3
Ethylbenzene	ND	86	101	16.0	100	84	17.4
Hexachlorobutadiene	ND	82	103	22.7	89	80	10.7
Isopropylbenzene	ND	71	91	24.7	96	80	18.2
m&p-Xylene	ND	88	104	16.7	103	87	16.8
Methyl ethyl ketone	ND	100	80	22.2	72	110	41.8
Methyl t-butyl ether (MTBE)	ND	92	95	3.2	94	103	9.1
Methylene chloride	ND	59	58	1.7	57	65	13.1
Naphthalene	ND	110	101	8.5	73	110	40.4
n-Butylbenzene	ND	81	99	20.0	92	76	19.0
n-Propylbenzene	ND	79	99	22.5	94	79	17.3
o-Xylene	ND	87	101	14.9	102	90	12.5
p-Isopropyltoluene	ND	81	102	23.0	95	81	15.9
sec-Butylbenzene	ND	76	96	23.3	92	77	17.8
Styrene	ND	90	104	14.4	102	93	9.2
tert-Butylbenzene	ND	76	97	24.3	95	79	18.4
Tetrachloroethene	ND	86	101	16.0	103	84	20.3

QA/QC Data

SDG I.D.: GAZ53978

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
Tetrahydrofuran (THF)	ND	87	70	21.7	71	106	39.5
Toluene	ND	82	94	13.6	93	82	12.6
trans-1,2-Dichloroethene	ND	97	76	24.3	75	102	30.5
trans-1,3-Dichloropropene	ND	96	93	3.2	84	100	17.4
trans-1,4-dichloro-2-butene	ND	111	95	15.5	85	124	37.3
Trichloroethene	ND	82	97	16.8	92	78	16.5
Trichlorofluoromethane	ND	89	102	13.6	101	87	14.9
Trichlorotrifluoroethane	ND	90	93	3.3	99	90	9.5
Vinyl chloride	ND	78	97	21.7	99	82	18.8
% 1,2-dichlorobenzene-d4	99	99	100	1.0	96	101	5.1
% Bromofluorobenzene	96	105	102	2.9	104	103	1.0
% Dibromofluoromethane	86	92	89	3.3	90	107	17.3
% Toluene-d8	92	98	98	0.0	97	95	2.1

QA/QC Batch 161420, QC Sample No: AZ54004 (AZ53981, AZ53982)

Volatiles

1,1,1,2-Tetrachloroethane	ND	105	112	6.5	106	116	9.0
1,1,1-Trichloroethane	ND	89	99	10.6	89	100	11.6
1,1,2,2-Tetrachloroethane	ND	86	85	1.2	92	93	1.1
1,1,2-Trichloroethane	ND	100	95	5.1	100	99	1.0
1,1-Dichloroethane	ND	81	89	9.4	83	90	8.1
1,1-Dichloroethene	ND	94	98	4.2	90	96	6.5
1,1-Dichloropropene	ND	90	101	11.5	101	114	12.1
1,2,3-Trichlorobenzene	ND	95	96	1.0	118	117	0.9
1,2,3-Trichloropropane	ND	94	96	2.1	87	90	3.4
1,2,4-Trichlorobenzene	ND	90	96	6.5	131	133	1.5
1,2,4-Trimethylbenzene	ND	87	101	14.9	102	116	12.8
1,2-Dibromo-3-chloropropane	ND	112	100	11.3	112	102	9.3
1,2-Dichlorobenzene	ND	87	94	7.7	100	108	7.7
1,2-Dichloroethane	ND	103	97	6.0	102	104	1.9
1,2-Dichloropropane	ND	90	93	3.3	92	98	6.3
1,3,5-Trimethylbenzene	ND	85	101	17.2	98	113	14.2
1,3-Dichlorobenzene	ND	86	97	12.0	108	118	8.8
1,3-Dichloropropane	ND	104	102	1.9	101	103	2.0
1,4-Dichlorobenzene	ND	83	92	10.3	107	116	8.1
2,2-Dichloropropane	ND	88	91	3.4	95	99	4.1
2-Chlorotoluene	ND	86	100	15.1	99	113	13.2
2-Hexanone	ND	111	99	11.4	86	99	14.1
2-Isopropyltoluene	ND	88	101	13.8	101	114	12.1
4-Chlorotoluene	ND	86	99	14.1	106	120	12.4
4-Methyl-2-pentanone	ND	103	90	13.5	92	89	3.3
Acetone	ND	92	77	17.8	90	70	25.0
Acrylonitrile	ND	107	93	14.0	102	95	7.1
Benzene	ND	92	98	6.3	94	102	8.2
Bromobenzene	ND	88	99	11.8	97	110	12.6
Bromochloromethane	ND	92	96	4.3	97	96	1.0
Bromodichloromethane	ND	101	102	1.0	100	105	4.9
Bromoform	ND	117	111	5.3	106	111	4.6
Bromomethane	ND	96	95	1.0	62	66	6.3
Carbon Disulfide	ND	89	93	4.4	87	92	5.6
Carbon tetrachloride	ND	104	110	5.6	106	116	9.0
Chlorobenzene	ND	99	107	7.8	104	116	10.9
Chloroethane	ND	88	105	17.6	<40	<40	NC

QA/QC Data

SDG I.D.: GAZ53978

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
Chloroform	ND	86	93	7.8	87	91	4.5
Chloromethane	ND	73	99	30.2	82	111	30.1
cis-1,2-Dichloroethene	ND	86	93	7.8	87	93	6.7
cis-1,3-Dichloropropene	ND	99	93	6.3	104	101	2.9
Dibromochloromethane	ND	114	113	0.9	110	113	2.7
Dibromoethane	ND	109	96	12.7	114	100	13.1
Dibromomethane	ND	97	95	2.1	99	96	3.1
Dichlorodifluoromethane	ND	125	136	8.4	120	137	13.2
Ethylbenzene	ND	98	108	9.7	105	118	11.7
Hexachlorobutadiene	ND	83	97	15.6	111	123	10.3
Isopropylbenzene	ND	78	93	17.5	94	111	16.6
m&p-Xylene	ND	98	109	10.6	108	120	10.5
Methyl ethyl ketone	ND	97	82	16.8	86	73	16.4
Methyl t-butyl ether (MTBE)	ND	108	101	6.7	106	105	0.9
Methylene chloride	ND	67	62	7.8	66	62	6.3
Naphthalene	ND	122	102	17.9	129	109	16.8
n-Butylbenzene	ND	76	92	19.0	102	116	12.8
n-Propylbenzene	ND	84	99	16.4	96	115	18.0
o-Xylene	ND	98	109	10.6	105	119	12.5
p-Isopropyltoluene	ND	84	99	16.4	101	117	14.7
sec-Butylbenzene	ND	82	99	18.8	94	109	14.8
Styrene	ND	102	109	6.6	112	120	6.9
tert-Butylbenzene	ND	88	102	14.7	94	111	16.6
Tetrachloroethene	ND	93	108	14.9	108	130	18.5
Tetrahydrofuran (THF)	ND	94	74	23.8	90	78	14.3
Toluene	ND	94	100	6.2	99	108	8.7
trans-1,2-Dichloroethene	ND	105	80	27.0	109	83	27.1
trans-1,3-Dichloropropene	ND	105	93	12.1	109	102	6.6
trans-1,4-dichloro-2-butene	ND	121	93	26.2	125	105	17.4
Trichloroethene	ND	97	108	10.7	99	110	10.5
Trichlorofluoromethane	ND	99	110	10.5	41	42	2.4
Trichlorotrifluoroethane	ND	95	105	10.0	108	116	7.1
Vinyl chloride	ND	87	105	18.8	95	116	19.9
% 1,2-dichlorobenzene-d4	95	99	94	5.2	95	94	1.1
% Bromofluorobenzene	97	109	103	5.7	104	99	4.9
% Dibromofluoromethane	97	89	90	1.1	98	96	2.1
% Toluene-d8	94	100	97	3.0	98	97	1.0

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria

Phyllis Shiller, Laboratory Director
October 07, 2010

Thursday, October 07, 2010

Requested Criteria: GAM, RC, RV

Sample Criteria Exceedences Report

GAZ53978

SampNo	LocCode	Acode	Phoenix Analyte	Criteria Units	ST	State Category	Criteria Name	Result	RL	Factored Criteria	Factored RL Criteria	Analysis Units
AZ53978	DTECHDAS	$8260MAR	Dibromoethane	ppm	CT	Volatile Organic Compound	Proposed RES SVVC (	ND	4.3	0.5	0.5	ug/Kg
AZ53979	DTECHDAS	$8260MAR	Dibromoethane	ppm	CT	Volatile Organic Compound	Proposed RES SVVC (	ND	5.5	0.5	0.5	ug/Kg
AZ53981	DTECHDAS	$8260MAR	Dibromoethane	ppm	CT	Volatile Organic Compound	Proposed RES SVVC (	ND	4.5	0.5	0.5	ug/Kg
AZ53981	DTECHDAS	SPLP-PB	SPLP Lead	mg/l	CT	Inorganic Substances	GA/GAA PMC (mg/l)**	2.43	0.010	0.015	0.015	mg/L
AZ53982	DTECHDAS	$8260MAR	Dibromoethane	ppm	CT	Volatile Organic Compound	Proposed RES SVVC (	ND	5.3	0.5	0.5	ug/Kg
AZ53982	DTECHDAS	SPLP-PB	SPLP Lead	mg/l	CT	Inorganic Substances	GA/GAA PMC (mg/l)**	0.061	0.010	0.015	0.015	mg/L
AZ53984	DTECHDAS	$8260MAR	Dibromoethane	ppm	CT	Volatile Organic Compound	Proposed RES SVVC (	ND	4.4	0.5	0.5	ug/Kg
AZ53986	DTECHDAS	$8260MAR	Dibromoethane	ppm	CT	Volatile Organic Compound	Proposed RES SVVC (	ND	5.0	0.5	0.5	ug/Kg

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Reasonable Confidence Protocol
Laboratory Analysis QA/QC Certification Form

Laboratory Name: Phoenix Environmental Labs, Inc. **Client:** DTECHDAS

Project Location: WESTBROOK SLE STATION **Project Number:**

Laboratory Sample ID(s): AZ53978, AZ53979, AZ53980, AZ53981, AZ53982, AZ53983, AZ53984, AZ53985, AZ53986

Sampling Date(s): 9/10/2010, 9/13/2010

RCP Methods Used:

☑ 1311/1312 ☑ 6010 ☐ 7000 ☐ 7196 ☑ 7470/7471 ☐ 8081 ☐ EPH ☐ TO15

☑ 8082 ☐ 8151 ☑ 8260 ☑ 8270 ☑ ETPH ☐ 9010/9012 ☐ VPH

1.	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed (including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence	☑ Yes ☐ No
1a.	Were the method specified preservation and holding time requirements met?	☑ Yes ☐ No
1b.	EPH and VPH methods only: Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	☐ Yes ☐ No ☑ NA
2.	Were all samples received by the laboratory in a condition consistent with that described on the associated Chain-of-Custody document(s)?	☑ Yes ☐ No
3.	Were samples received at an appropriate temperature (< 6 Degrees C)?	☑ Yes ☐ No ☐ NA
4.	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents acheived? See Sections: ETPH Narration, Herbicide Narration, SVOA Narration, VOA Narration.	☐ Yes ☑ No
5a.	Were reporting limits specified or referenced on the chain-of-custody?	☑ Yes ☐ No
5b.	Were these reporting limits met?	☐ Yes ☑ No ☐ NA
6.	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☑ Yes ☐ No ☐ NA
7.	Are project-specific QC samples included in the data set?	☑ Yes ☐ No ☐ NA

Note: For all questions to which the response was "No" (with the exception of question #5a, #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence"

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowlegde and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature: _____

Date: Thursday, October 07, 2010

Printed Name: Greg Lawrence

Position: Assistant Lab Director

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

RCP Certification Report

October 07, 2010

SDG I.D.: GAZ53978

AZ53982 - Both client prepared low level vials had too much soil. Phoenix prepared sample per method 5035 and analyzed the client prepared high level vial. The lab prepared sample is reported.

The following samples had one or more internal standard areas outside 50 - 200% of the continuing calibration areas:
AZ53982 (1) CHEM03-9/14/2010-VOA-1 (0914L22.rr) 1,4-Dichlorobenzene-d4 45%

ETPH Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? No.

The LCS/LCSD RPD is above the upper limit. Both recoveries are within criteria. No significant analytical bias is suspected.

Instrument: Aufid3 09/15/10-1 (AZ53978, AZ53979, AZ53981, AZ53982)

Initial Calibration (DUALFID1 - ETPH_1) - The initial calibration curve was within method criteria and had a %RSD less than 30%.

The daily continuing calibration standard was within method criteria of +/- 30% RSD.

As per section 7.2.3, a discrimination check standard was run and contained the following outliers: none

Printed Name Keith Aloisa
Position: Chemist
Date: 9/15/2010

QC (Site Specific)

---------- Sample No: AZ53978 ----------

All LCS recoveries were within 50 - 150 with the following exceptions: None.

All LCSD recoveries were within 50 - 150 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: % n-Pentacosane, Ext. Petroleum HC

All MS recoveries were within 50 - 150 with the following exceptions: None.

All MSD recoveries were within 50 - 150 with the following exceptions: None.

All MS/MSD RPDs were less than 30% with the following exceptions: % n-Pentacosane, Ext. Petroleum HC

A matrix effect is suspected when a MS/MSD recovery is outside of criteria. No further action is required if LCS/LCSD compounds are within criteria.

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SDG I.D.: GAZ53978

Mercury Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Merlin 09/15/10-1 (AZ53978, AZ53979, AZ53981, AZ53982, AZ53984)

The method preparation blank contains all of the acids and reagents as the samples; the instrument blanks do not.
The initial calibration met all criteria including a standard run at or below the reporting level.
All calibration verification standards (ICV, CCV) met criteria.
All calibration blank verification standards (ICB, CCB) met criteria.
The matrix spike sample is used to identify spectral interfernce for each batch of samples, if within 85-115%, no interference is observed and no further action is taken.

Printed Name Rick Schweitzer
Position: Chemist
Date: 9/15/2010

QC (Site Specific)

---------- Sample No: AZ53984 ----------

All LCS recoveries were within 80 - 120 with the following exceptions: None.

All LCSD recoveries were within 80 - 120 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

All MS recoveries were within 80 - 120 with the following exceptions: None.

All MSD recoveries were within 80 - 120 with the following exceptions: None.

All MS/MSD RPDs were less than 30% with the following exceptions: None.

A matrix effect is suspected when a MS/MSD recovery is outside of criteria. No further action is required if LCS/LCSD compounds are within criteria.

ICP Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Icp7 09/15/10-1 (AZ53978, AZ53979, AZ53981, AZ53982, AZ53984)

The initial calibration met criteria.
The continuing calibration standards met criteria for all the elements reported. The linear range is defined daily by the calibration range.
The continuing calibration blanks were less than the reporting level for the elements reported.
The ICSA and ICSAB were analyzed at the beginning and end of the run and were within criteria.

Printed Name Emily Kolominskaya
Position: Chemist
Date: 9/15/2010

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RCP Certification Report

October 07, 2010

SDG I.D.: GAZ53978

Instrument: Icp7 09/24/10-1 (AZ53981)

The initial calibration met criteria.
The continuing calibration standards met criteria for all the elements reported. The linear range is defined daily by the calibration range.
The continuing calibration blanks were less than the reporting level for the elements reported.
The ICSA and ICSAB were analyzed at the beginning and end of the run and were within criteria.

Printed Name Emily Kolominskaya
Position: Chemist
Date: 9/24/2010

Instrument: Icp7 10/04/10-1 (AZ53982, AZ53983)

The initial calibration met criteria.
The continuing calibration standards met criteria for all the elements reported. The linear range is defined daily by the calibration range.
The continuing calibration blanks were less than the reporting level for the elements reported.
The ICSA and ICSAB were analyzed at the beginning and end of the run and were within criteria.

Printed Name Emily Kolominskaya
Position: Chemist
Date: 10/4/2010

Instrument: Icp7 10/06/10-1 (AZ53983)

The initial calibration met criteria.
The continuing calibration standards met criteria for all the elements reported. The linear range is defined daily by the calibration range.
The continuing calibration blanks were less than the reporting level for the elements reported.
The ICSA and ICSAB were analyzed at the beginning and end of the run and were within criteria.

Printed Name Emily Kolominskaya
Position: Chemist
Date: 10/6/2010

Instrument: Icp9 09/15/10-1 (AZ53978, AZ53979, AZ53981, AZ53982, AZ53984)

The initial calibration met criteria.
The continuing calibration standards met criteria for all the elements reported. The linear range is defined daily by the calibration range.
The continuing calibration blanks were less than the reporting level for the elements reported.
The ICSA and ICSAB were analyzed at the beginning and end of the run and were within criteria.

Printed Name Emily Kolominskaya
Position: Chemist
Date: 9/15/2010

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RCP Certification Report

October 07, 2010

SDG I.D.: GAZ53978

QC (Batch Specific)

All LCS recoveries were within 75 - 125 with the following exceptions: None.

All LCSD recoveries were within 75 - 125 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

PCB Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Au-ecd5 09/15/10-1 (AZ53978, AZ53979, AZ53981, AZ53982, AZ53984)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Michael Hahn
Position: Chemist
Date: 9/15/2010

QC (Site Specific)

---------- Sample No: AZ53981 ----------

All LCS recoveries were within 30 - 130 with the following exceptions: None.

All LCSD recoveries were within 30 - 130 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

All MS recoveries were within 30 - 130 with the following exceptions: None.

All MSD recoveries were within 30 - 130 with the following exceptions: None.

All MS/MSD RPDs were less than 30% with the following exceptions: None.

A matrix effect is suspected when a MS/MSD recovery is outside of criteria. No further action is required if LCS/LCSD compounds are within criteria.

PEST Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Au-ecd13 09/15/10-1 (AZ53981)

8081 Narration:

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RCP Certification Report

October 07, 2010

SDG I.D.: GAZ53978

Endrin and DDT breakdown was evaluated and is below 15%.

The initial calibration RSD for the compound list was less than 15% except for the following compounds: None

The continuing calibration standards were within acceptance criteria except for the following compounds: None

Printed Name Michael Hahn
Position: Chemist
Date: 9/15/2010

QC (Site Specific)

---------- Sample No: AZ53981 ----------

All LCS recoveries were within 30 - 130 with the following exceptions: None.

All LCSD recoveries were within 30 - 130 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: Endrin aldehyde

All MS recoveries were within 30 - 130 with the following exceptions: None.

All MSD recoveries were within 30 - 130 with the following exceptions: None.

All MS/MSD RPDs were less than 30% with the following exceptions: None.

A matrix effect is suspected when a MS/MSD recovery is outside of criteria. No further action is required if LCS/LCSD compounds are within criteria.

SVOA Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? No.

The LCS/LCSD and MS/MSD recovery for Pyridine is low. A low bias for this compound is possible. The LCSD recovery for 2,4-Dinitrophenol and 4,6-Dinitro-2-methylphenol is low. The LCS recovery is within the acceptable range.

Instrument: Chem06 09/15/10-1 (AZ53978, AZ53979)

The DDT breakdown and pentachlorophenol & benzidine peak tailing were not evaluated in the DFTPP tune.

Initial Calibration (Chem06/SV_0914):
Greater than 90% of the target compounds met calibration criteria with a RSD <20% or >0.99 correlation coefficient. The following compounds had RSDs >20% and <0.99 correlation coefficient: Benzoic Acid, Hexachlorocyclopentadiene, 3-nitroaniline, 2,4-dinitrophenol, 4,6-dinitro-2-methylphenol, Pentachlorophenol

The following compounds failed to meet the minimum required response factor: 2-nitrophenol, Hexachlorobenzene, % 2,4,6-tribromophenol

Continuing Calibration:
Greater than 80% of target compounds met continuing calibration criteria with a %D <20. The following compounds had >20% difference from the initial calibration: Di-n-butylphthalate

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587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

RCP Certification Report

October 07, 2010

SDG I.D.: GAZ53978

Printed Name Harry Mullin
Position: Chemist
Date: 9/15/2010

Instrument: Chem06 09/19/10-1 (AZ53981)

The DDT breakdown and pentachlorophenol & benzidine peak tailing were not evaluated in the DFTPP tune.

Initial Calibration (Chem06/SV_0914):
Greater than 90% of the target compounds met calibration criteria with a RSD <20% or >0.99 correlation coefficient. The following compounds had RSDs >20% and <0.99 correlation coefficient: Benzoic Acid, Hexachlorocyclopentadiene, 3-nitroaniline, 2,4-dinitrophenol, 4,6-dinitro-2-methylphenol, Pentachlorophenol

The following compounds failed to meet the minimum required response factor: 2-nitrophenol, Hexachlorobenzene, % 2,4,6-tribromophenol

Continuing Calibration:
Greater than 80% of target compounds met continuing calibration criteria with a %D <20. The following compounds had >20% difference from the initial calibration: 3-Nitroaniline, 4-Nitrophenol, 2-Nitroaniline, 4,6-Dinitro-2-methylphenol, Atrazine

Printed Name Keith Aloisa
Position: Chemist
Date: 9/19/2010

Instrument: Chem07 09/15/10-1 (AZ53981, AZ53982)

The DDT breakdown and pentachlorophenol & benzidine peak tailing were not evaluated in the DFTPP tune.

Initial Calibration (Chem07/SV_0912):
Greater than 90% of the target compounds met calibration criteria with a RSD <20% or >0.99 correlation coefficient. The following compounds had RSDs >20% and <0.99 correlation coefficient: Hexachlorocyclopentadiene, 3-nitroaniline, 2,4-dinitrophenol, 2-nitrophenol, pentachlorophenol

The following compounds failed to meet the minimum required response factor: Hexachlorobenzene
Continuing Calibration:
Greater than 80% of target compounds met continuing calibration criteria with a %D <20. The following compunds had >20% difference from the initial calibration: Benzaldehyde, 3-Nitroaniline, 2-Nitroaniline, Carbazole

Printed Name Harry Mullin
Position: Chemist
Date: 9/15/2010

Instrument: Chem09 09/15/10-1 (AZ53984)

The DDT breakdown and pentachlorophenol & benzidine peak tailing were not evaluated in the DFTPP tune.

Initial Calibration (Chem09/SV_0910):
Greater than 90% of the target compounds met calibration criteria with a RSD <20% or >0.99 correlation coefficient. The following compounds had RSDs >20% and <0.99 correlation coefficient: Benzoic Acid, 2,4-dinitrophenol, 4,6-dinitro-2-methylphenol, Benzyl Butyl

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

RCP Certification Report

October 07, 2010

SDG I.D.: GAZ53978

Phthalate, Bis(2-ethylhexyl)phthalate, Di-n-octylphthalate

The following compounds failed to meet the minimum required response factor: 2-methylphenol (o-cresol), Bis(2-chloroethoxy)methane

Continuing Calibration:
Greater than 80% of target compounds met continuing calibration criteria with a %D <20. The following compounds had >20% difference from the initial calibration: 2-Nitroaniline

Printed Name Harry Mullin
Position: Chemist
Date: 9/15/2010

QC (Site Specific)

---------- Sample No: AZ53978 ----------

All LCS recoveries were within 30 - 130 with the following exceptions: Pyridine

All LCSD recoveries were within 30 - 130 with the following exceptions: 2,4-Dinitrophenol, 4,6-Dinitro-2-methylphenol, Pyridine

All LCS/LCSD RPDs were less than 30% with the following exceptions: % 2,4,6-Tribromophenol, 4,6-Dinitro-2-methylphenol, Benzo(ghi)perylene, Dibenz(a,h)anthracene, Indeno(1,2,3-cd)pyrene, Pentachlorophenol

All MS recoveries were within 30 - 130 with the following exceptions: 2,4-Dinitrophenol, Pyridine

All MSD recoveries were within 30 - 130 with the following exceptions: Pyridine

All MS/MSD RPDs were less than 30% with the following exceptions: None.

A matrix effect is suspected when a MS/MSD recovery is outside of criteria. No further action is required if LCS/LCSD compounds are within criteria.

VOA Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? No.

The LCS/LCSD and MS/MSD recovery for methylene chloride is below the lower limit. A low bias for this compound is possible. The LCS recovery for chloromethane is below the lower limit. All of the other criteria is within the acceptable range. No significant bias is suspected.

Instrument: Chem03 09/14/10-1 (AZ53978, AZ53979, AZ53981, AZ53982, AZ53984, AZ53985, AZ53986)

Initial Calibration Verification (RCPL_0831):
>90% of target compounds met method criteria.
The following compounds had %RSDs >20%: Methylene Chloride, Acrylonitrile, Methyl Ethyl Ketone, 2-hexanone, Trans-1,4-dichloro-2-butene, 1,2-dibromo-3-chloropropane

Continuing Calibration Verification:
>80% of target compounds met method criteria. Internal standards were within the 50%-200% deviation from the initial calibration.

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

RCP Certification Report

October 07, 2010

SDG I.D.: GAZ53978

The following compounds had % Deviations >20%: Methylene Chloride

Printed Name Lynne Matteson
Position: Chemist
Date: 9/14/2010

Instrument: Chem03 09/15/10-1 (AZ53981, AZ53982)

Initial Calibration Verification (RCPL_0831):
>90% of target compounds met method criteria.
The following compounds had %RSDs >20%: Methylene Chloride, Acrylonitrile, Methyl Ethyl Ketone, 2-hexanone, Trans-1,4-dichloro-2-butene, 1,2-dibromo-3-chloropropane

Continuing Calibration Verification:
>80% of target compounds met method criteria. Internal standards were within the 50%-200% deviation from the initial calibration.
The following compounds had % Deviations >20%: Methylene Chloride

Printed Name Lynne Matteson
Position: Chemist
Date: 9/15/2010

QC (Site Specific)

---------- Sample No: AZ53984 ----------

All LCS recoveries were within 70 - 130 with the following exceptions: Chloromethane, Methylene chloride

All LCSD recoveries were within 70 - 130 with the following exceptions: Methylene chloride

All LCS/LCSD RPDs were less than 30% with the following exceptions: Chloromethane

All MS recoveries were within 70 - 130 with the following exceptions: Acetone, Methylene chloride

All MSD recoveries were within 70 - 130 with the following exceptions: Methylene chloride

All MS/MSD RPDs were less than 30% with the following exceptions: Acetone, Methyl ethyl ketone, Naphthalene, Tetrahydrofuran (THF), trans-1,4-dichloro-2-butene

A matrix effect is suspected when a MS/MSD recovery is outside of criteria. No further action is required if LCS/LCSD compounds are within criteria.

QC (Batch Specific)

All LCS recoveries were within 70 - 130 with the following exceptions: Methylene chloride

All LCSD recoveries were within 70 - 130 with the following exceptions: Dichlorodifluoromethane, Methylene chloride

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

PHOENIX Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: service@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Temp 6 Pg 1 of 1

Data Delivery:
- [ ] Fax #:
- [x] Email: joy.klass@teamdtc

Customer: Diversified Technology Consultants
Address: 2321 Whitney Ave
Hamden CT

Project: ConnDOT Westbrook SLE Station
Report to: Joy Klass
Invoice to: DTC

Project P.O: DAS Contract - ASP Form
Phone #: 203-289-4200
Fax #:

Client Sample - Information - Identification

Sampler's Signature: Joy P Klass Date: 9-10-10

Matrix Code:
DW=drinking water WW=wastewater S=soil/solid O=other
GW=groundwater SL=sludge A=air

Analysis Request

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	VOC 8260	SVOC 8270	ETPH	PCBs 8082	RCRA 8 Metals	Chlorinated Pesticides + Herbicides	Soil VOA (✓) Methanol [ ] S. Bisulfate (✓) H20	GL Soil container (8) oz	GL Soil container [ ] oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 100ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
53978	RR-32 (5-6.5)	S	9-10-10	1140	X	X	X	X	X		3	1								
53979	RR-32 (10-11.5)	S	↓	1155	X	X	X	X	X		3	1								
53980	RR-32 (7-8.5) *	S	↓	1145							3	1								
53981	RR-31 (0-1.4')	S	9-13-10	0830	X	X	X	X	X	X	3	1								
53982	RR-31 (2-3.5')	S	9-13-10	0845	X	X	X	X	X		3	2								
53983	RR-31 (5-6.3') *	S	9-13-10	0900							3	1								
53984	Duplicate	S	—	—	X	X	X	X	X		3	1								
53985	Trip Blank H				X						3									
53986	TB - L																			

Relinquished by:	Accepted by:	Date:	Time:
Joy P Klass	Mily B.	9/14/10	11:45
Mily B.	K Beaton	9/14	11:55

Turnaround:
- [ ] 1 Day*
- [ ] 2 Days*
- [ ] 3 Days*
- [x] Standard
- [ ] Other 5-DAY

* SURCHARGE APPLIES

CT/RI
- [x] RCP Cert.
- [ ] GW Protect.
- [x] GA Mobility
- [ ] GB Mobility
- [ ] SW Protect.
- [x] Res. Vol.
- [ ] Ind. Vol.
- [x] Res. Criteria
- [ ] Other

MA
- [ ] MCP Cert.
- [ ] GW-1
- [ ] GW-2
- [ ] GW-3
- [ ] S-1
- [ ] S-2
- [ ] S-3
- [ ] MWRA eSMART
- [ ] Other

Data Format
- [ ] Excel
- [ ] PDF
- [ ] GIS/Key
- [ ] EQuIS
- [ ] Other

Data Package
- [ ] ASP-A
- [ ] NJ Reduced Deliv. *
- [ ] NJ Hazsite EDD
- [ ] Phoenix Std Report
- [ ] Other

Comments, Special Requirements or Regulations:
* Please hold sample
Please do not dispose of samples -> Possible SPLP/TCLP Analysis.

State where samples were collected: CT

PHOENIX Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: service@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Temp 6 Pg 1 of 1

Data Delivery:
- [ ] Fax #:
- [x] Email: joy.klass@teamdtc

Customer: Diversified Technology Consultants
Address: 2321 Whitney Ave
Hamden CT

Project: ConnDOT Westbrook SLE Station
Report to: Joy Klass
Invoice to: DTC

Project P.O.: DAS Contract - ASP Form
Phone #: 203-239-4200
Fax #:

Client Sample - Information - Identification

Sampler's Signature: Joy P Klass Date: 9-10-10

Matrix Code:
DW=drinking water WW=wastewater S=soil/solid O=other
GW=groundwater SL=sludge A=air

Analysis Request

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	VOC 8260	SVOC 8270	Metals	PCBs 8082	RCRA 8 Metals	Chlorinated Pesticides + Herbicides	SPLP + TCLP Pb	Soil VOA [ ] w/Methanol [ ] S. Bisulfate [ ] H2O	GL Soil container (8) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
53978	RR-32 (5-6.5)	S	9-10-10	1140	X	X	X	X	X				3	1							
53979	RR-32 (10-11.5)	S	↓	1155	X	X	X	X	X				3	1							
53980	RR-32 (7-8.5) *	S	↓	1145									3	1							
53981	RR-31 (0-1.4')	S	9-13-10	0830	X	X	X	X	X	X	X		3	1							
53982	RR-31 (2-3.5')	S	9-13-10	0845	X	X	X	X	X				3	2							
53983	RR-31 (5-6.3') *	S	9-13-10	0900									3	1							
53984	Duplicate	S	—	—	X	X	X	X	X				3	1							
53985	Trip Blank H				X								3								
53986	TB - L																				

Relinquished by:	Accepted by:	Date:	Time:
Joy P Klass	Avlgb.	9/14/10	11:45
MHB.	J Seafan	9/14	16:55

Turnaround:
- [ ] 1 Day*
- [ ] 2 Days*
- [ ] 3 Days*
- [x] Standard
- [ ] Other 5-DAY

* SURCHARGE APPLIES

CT/RI
- [x] RCP Cert.
- [ ] GW Protect.
- [x] GA Mobility
- [ ] GB Mobility
- [ ] SW Protect.
- [x] Res. Vol.
- [ ] Ind. Vol.
- [x] Res. Criteria
- [ ] Other

MA
- [ ] MCP Cert.
- [ ] GW-1
- [ ] GW-2
- [ ] GW-3
- [ ] S-1
- [ ] S-2
- [ ] S-3
- [ ] MWRA eSMART
- [ ] Other

Data Format
- [ ] Excel
- [ ] PDF
- [ ] GIS/Key
- [ ] EQuIS
- [ ] Other

Data Package
- [ ] ASP-A
- [ ] NJ Reduced Deliv.*
- [ ] NJ Hazsite EDD
- [ ] Phoenix Std Report
- [ ] Other

State where samples were collected: CT

Comments, Special Requirements or Regulations:
* Please hold sample
Please do not dispose of samples -> Possible SPLP/TCLP Analysis.

To: Linda - Phoenixlabs
Subject: Additional Analyses

Linda-

Can you please analyze for the following (5-day TAT)?

RR-31 (0-1.4) for SPLP and TCLP Pb
RR-33 (2-3) for SPLP Pb
RR-34 (0-1) for SPLP As & Pb and TCLP Pb

Attached are revised COCs. We also did not have the PO # from ConnDOT when we sent these samples in. The PO # is 0000077455. Please let me know if you have any questions.

20100923105251414.pdf
Thanks,

Joy P. Kloss
Sr. Environmental Scientist
Diversified Technology Consultants, Inc.
2321 Whitney Avenue
Suite 301
Hamden, CT 06518
ph (203) 239-4200
cell (203) 640-0965
fax (203) 234-7376

Linda - Phoenixlabs

From: Kloss, Joy [joy.kloss@teamdtc.com]

Sent: Friday, October 01, 2010 11:49 AM

To: Linda - Phoenixlabs

Subject: Additional Analysis

Can you please analyze the following samples for 5 day TAT? Westbrook SLE Station

RR-31 2-3.5' (53982) - SPLP Pb
RR-31 5-6.3' (53983) - Total and SPLP Pb
RR-34 7-8' (53006) - SPLP Pb
~~RR-37 0-33-2.5' (55480) - SPLP Pb~~

Please let me know if you have any questions.

Thanks,

Joy P. Kloss
Sr. Environmental Scientist
Diversified Technology Consultants, Inc.
2321 Whitney Avenue
Suite 301
Hamden, CT 06518
ph (203) 239-4200
cell (203) 640-0965
fax (203) 234-7376

PHOENIX
Environmental Laboratories, Inc.

Thursday, October 07, 2010

Attn: Joy Kloss
Diversified Tech. Consultants
2321 Whitney Avenue 3rd floor
Hamden Center II
Hamden CT 06518

Project ID: CONN DOT WESTBROOK SLE STATION
Sample ID#s: AZ55480 - AZ55488

This laboratory is in compliance with the QA/QC procedures outlined in EPA 600/4-79-019, Handbook for Analytical Quality in Water and Waste Water, March 1979, SW846 QA/QC and NELAC requirements of procedures used.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Telephone (860) 645-1102 Fax (860) 645-0823

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac
NY # 11301

SDG Comments

October 07, 2010

SDG I.D.: GAZ55480

No other observations are noted.

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 07, 2010

FOR: Attn: Joy Kloss
Diversified Tech. Consultants
2321 Whitney Avenue 3rd floor
Hamden Center II
Hamden CT 06518

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		09/14/10	11:52
Location Code:	DTECHDAS	Received by:	SW	09/16/10	17:52
Rush Request:	RUSH#	Analyzed by:	see "By" below		
P.O.#:	0000077455				

Laboratory Data

SDG ID: GAZ55480
Phoenix ID: AZ55480

Project ID: CONN DOT WESTBROOK SLE STATION

Client ID: RR-37 (0.33-2.5)

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.35	0.35	mg/Kg	09/17/10		EK	SW6010
Arsenic	1.3	0.7	mg/Kg	09/17/10		EK	SW6010
Barium	70.7	0.35	mg/Kg	09/17/10		EK	SW6010
Cadmium	< 0.35	0.35	mg/Kg	09/17/10		EK	SW6010
Chromium	13.6	0.35	mg/Kg	09/17/10		EK	SW6010
Mercury	0.50	0.06	mg/Kg	09/17/10		TH	SW-7471
Lead	71.5	0.35	mg/Kg	09/17/10		EK	SW6010
Selenium	< 1.4	1.4	mg/Kg	09/17/10		EK	SW6010
SPLP Lead	0.031	0.010	mg/L	09/30/10		EK	E1312/SW6010
TCLP Lead	0.020	0.015	mg/L	09/30/10		EK	E1311/SW6010
Percent Solid	91		%	09/16/10		JL	E160.3
Soil Extraction for PCB	Completed			09/16/10		SB	SW3545
Soil Extraction for Pesticide	Completed			09/16/10		SB/F	SW3545
Soil Extraction for SVOA	Completed			09/16/10		FS/F	SW3545
Extraction of CT ETPH	Completed			09/16/10		BS/F	3545
Mercury Digestion	Completed			09/17/10		D	SW7471
Soil Extraction for Herbicide	Completed			09/16/10		JF/D	SW8151
SPLP Extraction for Metals	Completed			09/29/10		PS	EPA 1312
TCLP Extraction for Metals	Completed			09/29/10		PS	EPA 1311
Total Metals Digest	Completed			09/16/10		C/AG	SW846 - 3050
SPLP Metals Digestion	Completed			09/30/10		X	SW846-3005
TCLP Metals Digestion	Completed			09/30/10		X	SW846 - 3005
Field Extraction	Completed			09/14/10		DTC	SW5035
Chlorinated Herbicides							
2,4,5-T	ND	110	ug/Kg	09/17/10		KCA	SW8151
2,4,5-TP (Silvex)	ND	110	ug/Kg	09/17/10		KCA	SW8151
2,4-D	ND	110	ug/Kg	09/17/10		KCA	SW8151

Parameter	Result	RL	Units	Date	Time	By	Reference
2,4-DB	ND	1100	ug/Kg	09/17/10		KCA	SW8151
Dalapon	ND	550	ug/Kg	09/17/10		KCA	SW8151
Dicamba	ND	330	ug/Kg	09/17/10		KCA	SW8151
Dichloroprop	ND	110	ug/Kg	09/17/10		KCA	SW8151
Dinoseb	ND	220	ug/Kg	09/17/10		KCA	SW8151
QA/QC Surrogates							
% DCAA	62		%	09/17/10		KCA	SW8151
Volatiles							
1,1,1,2-Tetrachloroethane	ND	4.0	ug/Kg	09/20/10		R/L	SW8260
1,1,1-Trichloroethane	ND	4.0	ug/Kg	09/20/10		R/L	SW8260
1,1,2,2-Tetrachloroethane	ND	2.4	ug/Kg	09/20/10		R/L	SW8260
1,1,2-Trichloroethane	ND	4.0	ug/Kg	09/20/10		R/L	SW8260
1,1-Dichloroethane	ND	4.0	ug/Kg	09/20/10		R/L	SW8260
1,1-Dichloroethene	ND	4.0	ug/Kg	09/20/10		R/L	SW8260
1,1-Dichloropropene	ND	4.0	ug/Kg	09/20/10		R/L	SW8260
1,2,3-Trichlorobenzene	ND	4.0	ug/Kg	09/20/10		R/L	SW8260
1,2,3-Trichloropropane	ND	4.0	ug/Kg	09/20/10		R/L	SW8260
1,2,4-Trichlorobenzene	ND	4.0	ug/Kg	09/20/10		R/L	SW8260
1,2,4-Trimethylbenzene	ND	4.0	ug/Kg	09/20/10		R/L	SW8260
1,2-Dibromo-3-chloropropane	ND	4.0	ug/Kg	09/20/10		R/L	SW8260
1,2-Dichlorobenzene	ND	4.0	ug/Kg	09/20/10		R/L	SW8260
1,2-Dichloroethane	ND	4.0	ug/Kg	09/20/10		R/L	SW8260
1,2-Dichloropropane	ND	4.0	ug/Kg	09/20/10		R/L	SW8260
1,3,5-Trimethylbenzene	ND	4.0	ug/Kg	09/20/10		R/L	SW8260
1,3-Dichlorobenzene	ND	4.0	ug/Kg	09/20/10		R/L	SW8260
1,3-Dichloropropane	ND	4.0	ug/Kg	09/20/10		R/L	SW8260
1,4-Dichlorobenzene	ND	4.0	ug/Kg	09/20/10		R/L	SW8260
2,2-Dichloropropane	ND	4.0	ug/Kg	09/20/10		R/L	SW8260
2-Chlorotoluene	ND	4.0	ug/Kg	09/20/10		R/L	SW8260
2-Hexanone	ND	20	ug/Kg	09/20/10		R/L	SW8260
2-Isopropyltoluene	ND	4.0	ug/Kg	09/20/10		R/L	SW8260
4-Chlorotoluene	ND	4.0	ug/Kg	09/20/10		R/L	SW8260
4-Methyl-2-pentanone	ND	20	ug/Kg	09/20/10		R/L	SW8260
Acetone	ND	79	ug/Kg	09/20/10		R/L	SW8260
Acrylonitrile	ND	4.0	ug/Kg	09/20/10		R/L	SW8260
Benzene	ND	4.0	ug/Kg	09/20/10		R/L	SW8260
Bromobenzene	ND	4.0	ug/Kg	09/20/10		R/L	SW8260
Bromochloromethane	ND	4.0	ug/Kg	09/20/10		R/L	SW8260
Bromodichloromethane	ND	4.0	ug/Kg	09/20/10		R/L	SW8260
Bromoform	ND	4.0	ug/Kg	09/20/10		R/L	SW8260
Bromomethane	ND	4.0	ug/Kg	09/20/10		R/L	SW8260
Carbon Disulfide	ND	4.0	ug/Kg	09/20/10		R/L	SW8260
Carbon tetrachloride	ND	4.0	ug/Kg	09/20/10		R/L	SW8260
Chlorobenzene	ND	4.0	ug/Kg	09/20/10		R/L	SW8260
Chloroethane	ND	4.0	ug/Kg	09/20/10		R/L	SW8260
Chloroform	ND	4.0	ug/Kg	09/20/10		R/L	SW8260
Chloromethane	ND	4.0	ug/Kg	09/20/10		R/L	SW8260
cis-1,2-Dichloroethene	ND	4.0	ug/Kg	09/20/10		R/L	SW8260
cis-1,3-Dichloropropene	ND	4.0	ug/Kg	09/20/10		R/L	SW8260

Project ID: CONN DOT WESTBROOK SLE STATION
Client ID: RR-37 (0.33-2.5)

Phoenix I.D.: AZ55480

Parameter	Result	RL	Units	Date	Time	By	Reference
Dibromochloromethane	ND	2.4	ug/Kg	09/20/10		R/L	SW8260
Dibromoethane	ND	4.0	ug/Kg	09/20/10		R/L	SW8260
Dibromomethane	ND	4.0	ug/Kg	09/20/10		R/L	SW8260
Dichlorodifluoromethane	ND	4.0	ug/Kg	09/20/10		R/L	SW8260
Ethylbenzene	ND	4.0	ug/Kg	09/20/10		R/L	SW8260
Hexachlorobutadiene	ND	4.0	ug/Kg	09/20/10		R/L	SW8260
Isopropylbenzene	ND	4.0	ug/Kg	09/20/10		R/L	SW8260
m&p-Xylene	ND	4.0	ug/Kg	09/20/10		R/L	SW8260
Methyl Ethyl Ketone	ND	24	ug/Kg	09/20/10		R/L	SW8260
Methyl t-butyl ether (MTBE)	ND	7.9	ug/Kg	09/20/10		R/L	SW8260
Methylene chloride	ND	4.0	ug/Kg	09/20/10		R/L	SW8260
Naphthalene	ND	4.0	ug/Kg	09/20/10		R/L	SW8260
n-Butylbenzene	ND	4.0	ug/Kg	09/20/10		R/L	SW8260
n-Propylbenzene	ND	4.0	ug/Kg	09/20/10		R/L	SW8260
o-Xylene	ND	4.0	ug/Kg	09/20/10		R/L	SW8260
p-Isopropyltoluene	ND	4.0	ug/Kg	09/20/10		R/L	SW8260
sec-Butylbenzene	ND	4.0	ug/Kg	09/20/10		R/L	SW8260
Styrene	ND	4.0	ug/Kg	09/20/10		R/L	SW8260
tert-Butylbenzene	ND	4.0	ug/Kg	09/20/10		R/L	SW8260
Tetrachloroethene	ND	4.0	ug/Kg	09/20/10		R/L	SW8260
Tetrahydrofuran (THF)	ND	7.9	ug/Kg	09/20/10		R/L	SW8260
Toluene	ND	4.0	ug/Kg	09/20/10		R/L	SW8260
Total Xylenes	ND	4.0	ug/Kg	09/20/10		R/L	SW8260
trans-1,2-Dichloroethene	ND	4.0	ug/Kg	09/20/10		R/L	SW8260
trans-1,3-Dichloropropene	ND	4.0	ug/Kg	09/20/10		R/L	SW8260
trans-1,4-dichloro-2-butene	ND	7.9	ug/Kg	09/20/10		R/L	SW8260
Trichloroethene	ND	4.0	ug/Kg	09/20/10		R/L	SW8260
Trichlorofluoromethane	ND	4.0	ug/Kg	09/20/10		R/L	SW8260
Trichlorotrifluoroethane	ND	4.0	ug/Kg	09/20/10		R/L	SW8260
Vinyl chloride	ND	4.0	ug/Kg	09/20/10		R/L	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	109		%	09/20/10		R/L	SW8260
% Bromofluorobenzene	99		%	09/20/10		R/L	SW8260
% Dibromofluoromethane	103		%	09/20/10		R/L	SW8260
% Toluene-d8	95		%	09/20/10		R/L	SW8260
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	250	ug/Kg	09/17/10		HM	SW 8270
1,2,4-Trichlorobenzene	ND	250	ug/Kg	09/17/10		HM	SW 8270
1,2-Dichlorobenzene	ND	250	ug/Kg	09/17/10		HM	SW 8270
1,3-Dichlorobenzene	ND	250	ug/Kg	09/17/10		HM	SW 8270
1,4-Dichlorobenzene	ND	250	ug/Kg	09/17/10		HM	SW 8270
2,4,5-Trichlorophenol	ND	250	ug/Kg	09/17/10		HM	SW 8270
2,4,6-Trichlorophenol	ND	250	ug/Kg	09/17/10		HM	SW 8270
2,4-Dichlorophenol	ND	250	ug/Kg	09/17/10		HM	SW 8270
2,4-Dimethylphenol	ND	250	ug/Kg	09/17/10		HM	SW 8270
2,4-Dinitrophenol	ND	570	ug/Kg	09/17/10		HM	SW 8270
2,4-Dinitrotoluene	ND	250	ug/Kg	09/17/10		HM	SW 8270
2,6-Dinitrotoluene	ND	250	ug/Kg	09/17/10		HM	SW 8270
2-Chloronaphthalene	ND	250	ug/Kg	09/17/10		HM	SW 8270

Project ID: CONN DOT WESTBROOK SLE STATION **Phoenix I.D.:** AZ55480
Client ID: RR-37 (0.33-2.5)

Parameter	Result	RL	Units	Date	Time	By	Reference
2-Chlorophenol	ND	250	ug/Kg	09/17/10		HM	SW 8270
2-Methylnaphthalene	ND	250	ug/Kg	09/17/10		HM	SW 8270
2-Methylphenol (o-cresol)	ND	250	ug/Kg	09/17/10		HM	SW 8270
2-Nitroaniline	ND	570	ug/Kg	09/17/10		HM	SW 8270
2-Nitrophenol	ND	250	ug/Kg	09/17/10		HM	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	360	ug/Kg	09/17/10		HM	SW 8270
3,3'-Dichlorobenzidine	ND	430	ug/Kg	09/17/10		HM	SW 8270
3-Nitroaniline	ND	570	ug/Kg	09/17/10		HM	SW 8270
4,6-Dinitro-2-methylphenol	ND	1000	ug/Kg	09/17/10		HM	SW 8270
4-Bromophenyl phenyl ether	ND	360	ug/Kg	09/17/10		HM	SW 8270
4-Chloro-3-methylphenol	ND	250	ug/Kg	09/17/10		HM	SW 8270
4-Chloroaniline	ND	250	ug/Kg	09/17/10		HM	SW 8270
4-Chlorophenyl phenyl ether	ND	250	ug/Kg	09/17/10		HM	SW 8270
4-Nitroaniline	ND	570	ug/Kg	09/17/10		HM	SW 8270
4-Nitrophenol	ND	1000	ug/Kg	09/17/10		HM	SW 8270
Acenaphthene	ND	250	ug/Kg	09/17/10		HM	SW 8270
Acenaphthylene	ND	250	ug/Kg	09/17/10		HM	SW 8270
Acetophenone	ND	250	ug/Kg	09/17/10		HM	SW 8270
Aniline	ND	1000	ug/Kg	09/17/10		HM	SW 8270
Anthracene	ND	250	ug/Kg	09/17/10		HM	SW 8270
Azobenzene	ND	360	ug/Kg	09/17/10		HM	SW 8270
Benz(a)anthracene	ND	250	ug/Kg	09/17/10		HM	SW 8270
Benzidine	ND	430	ug/Kg	09/17/10		HM	SW 8270
Benzo(a)pyrene	ND	250	ug/Kg	09/17/10		HM	SW 8270
Benzo(b)fluoranthene	ND	250	ug/Kg	09/17/10		HM	SW 8270
Benzo(ghi)perylene	ND	250	ug/Kg	09/17/10		HM	SW 8270
Benzo(k)fluoranthene	ND	250	ug/Kg	09/17/10		HM	SW 8270
Benzoic acid	ND	1000	ug/Kg	09/17/10		HM	SW 8270
Benzyl butyl phthalate	ND	250	ug/Kg	09/17/10		HM	SW 8270
Bis(2-chloroethoxy)methane	ND	250	ug/Kg	09/17/10		HM	SW 8270
Bis(2-chloroethyl)ether	ND	360	ug/Kg	09/17/10		HM	SW 8270
Bis(2-chloroisopropyl)ether	ND	250	ug/Kg	09/17/10		HM	SW 8270
Bis(2-ethylhexyl)phthalate	ND	250	ug/Kg	09/17/10		HM	SW 8270
Carbazole	ND	1000	ug/Kg	09/17/10		HM	SW 8270
Chrysene	ND	250	ug/Kg	09/17/10		HM	SW 8270
Dibenz(a,h)anthracene	ND	250	ug/Kg	09/17/10		HM	SW 8270
Dibenzofuran	ND	250	ug/Kg	09/17/10		HM	SW 8270
Diethyl phthalate	ND	250	ug/Kg	09/17/10		HM	SW 8270
Dimethylphthalate	ND	250	ug/Kg	09/17/10		HM	SW 8270
Di-n-butylphthalate	ND	250	ug/Kg	09/17/10		HM	SW 8270
Di-n-octylphthalate	ND	250	ug/Kg	09/17/10		HM	SW 8270
Fluoranthene	ND	250	ug/Kg	09/17/10		HM	SW 8270
Fluorene	ND	250	ug/Kg	09/17/10		HM	SW 8270
Hexachlorobenzene	ND	250	ug/Kg	09/17/10		HM	SW 8270
Hexachlorobutadiene	ND	250	ug/Kg	09/17/10		HM	SW 8270
Hexachlorocyclopentadiene	ND	250	ug/Kg	09/17/10		HM	SW 8270
Hexachloroethane	ND	250	ug/Kg	09/17/10		HM	SW 8270
Indeno(1,2,3-cd)pyrene	ND	250	ug/Kg	09/17/10		HM	SW 8270
Isophorone	ND	250	ug/Kg	09/17/10		HM	SW 8270
Naphthalene	ND	250	ug/Kg	09/17/10		HM	SW 8270

Project ID: CONN DOT WESTBROOK SLE STATION
Client ID: RR-37 (0.33-2.5)

Phoenix I.D.: AZ55480

Parameter	Result	RL	Units	Date	Time	By	Reference
Nitrobenzene	ND	250	ug/Kg	09/17/10		HM	SW 8270
N-Nitrosodimethylamine	ND	360	ug/Kg	09/17/10		HM	SW 8270
N-Nitrosodi-n-propylamine	ND	250	ug/Kg	09/17/10		HM	SW 8270
N-Nitrosodiphenylamine	ND	360	ug/Kg	09/17/10		HM	SW 8270
Pentachloronitrobenzene	ND	360	ug/Kg	09/17/10		HM	SW 8270
Pentachlorophenol	ND	360	ug/Kg	09/17/10		HM	SW 8270
Phenanthrene	ND	250	ug/Kg	09/17/10		HM	SW 8270
Phenol	ND	250	ug/Kg	09/17/10		HM	SW 8270
Pyrene	ND	250	ug/Kg	09/17/10		HM	SW 8270
Pyridine	ND	360	ug/Kg	09/17/10		HM	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	69		%	09/17/10		HM	SW 8270
% 2-Fluorobiphenyl	47		%	09/17/10		HM	SW 8270
% 2-Fluorophenol	52		%	09/17/10		HM	SW 8270
% Nitrobenzene-d5	49		%	09/17/10		HM	SW 8270
% Phenol-d5	51		%	09/17/10		HM	SW 8270
% Terphenyl-d14	26		%	09/17/10		HM	SW 8270
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	11	mg/Kg	09/20/10		JRB	CT ETPH/8015
Identification	ND		mg/Kg	09/20/10		JRB	CT ETPH/8015
QA/QC Surrogates							
% n-Pentacosane	51		%	09/20/10		JRB	CT ETPH/8015
Polychlorinated Biphenyls							
PCB-1016	ND	360	ug/Kg	09/17/10		MH	SW 8082
PCB-1221	ND	360	ug/Kg	09/17/10		MH	SW 8082
PCB-1232	ND	360	ug/Kg	09/17/10		MH	SW 8082
PCB-1242	ND	360	ug/Kg	09/17/10		MH	SW 8082
PCB-1248	ND	360	ug/Kg	09/17/10		MH	SW 8082
PCB-1254	ND	360	ug/Kg	09/17/10		MH	SW 8082
PCB-1260	ND	360	ug/Kg	09/17/10		MH	SW 8082
PCB-1262	ND	360	ug/Kg	09/17/10		MH	SW 8082
PCB-1268	ND	360	ug/Kg	09/17/10		MH	SW 8082
QA/QC Surrogates							
% DCBP	93		%	09/17/10		MH	SW 8082
% TCMX	68		%	09/17/10		MH	SW 8082
Pesticides							
4,4' -DDD	ND	7.0	ug/Kg	09/17/10		MH	SW8081
4,4' -DDE	ND	7.0	ug/Kg	09/17/10		MH	SW8081
4,4' -DDT	ND	7.0	ug/Kg	09/17/10		MH	SW8081
a-BHC	ND	3.5	ug/Kg	09/17/10		MH	SW8081
Alachlor	ND	3.5	ug/Kg	09/17/10		MH	SW8081
Aldrin	ND	1.1	ug/Kg	09/17/10		MH	SW8081
b-BHC	ND	3.5	ug/Kg	09/17/10		MH	SW8081
Chlordane	ND	11	ug/Kg	09/17/10		MH	SW8081
d-BHC	ND	3.5	ug/Kg	09/17/10		MH	SW8081
Dieldrin	ND	1.1	ug/Kg	09/17/10		MH	SW8081
Endosulfan I	ND	3.5	ug/Kg	09/17/10		MH	SW8081

Project ID: CONN DOT WESTBROOK SLE STATION **Phoenix I.D.:** AZ55480
Client ID: RR-37 (0.33-2.5)

Parameter	Result	RL	Units	Date	Time	By	Reference
Endosulfan II	ND	7.0	ug/Kg	09/17/10		MH	SW8081
Endosulfan sulfate	ND	7.0	ug/Kg	09/17/10		MH	SW8081
Endrin	ND	7.0	ug/Kg	09/17/10		MH	SW8081
Endrin aldehyde	ND	7.0	ug/Kg	09/17/10		MH	SW8081
Endrin ketone	ND	7.0	ug/Kg	09/17/10		MH	SW8081
g-BHC	ND	1.1	ug/Kg	09/17/10		MH	SW8081
Heptachlor	ND	2.2	ug/Kg	09/17/10		MH	SW8081
Heptachlor epoxide	ND	3.5	ug/Kg	09/17/10		MH	SW8081
Methoxychlor	ND	35	ug/Kg	09/17/10		MH	SW8081
Toxaphene	ND	35	ug/Kg	09/17/10		MH	SW8081
QA/QC Surrogates							
% DCBP	89		%	09/17/10		MH	SW8081
% TCMX	56		%	09/17/10		MH	SW8081

Comments:

* Poor surrogate recovery was observed for semivolatiles. The other surrogates associated with this sample were within QA/QC criteria. No further action was necessary.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller

Phyllis Shiller, Laboratory Director
October 07, 2010

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 07, 2010

FOR: Attn: Joy Kloss
Diversified Tech. Consultants
2321 Whitney Avenue 3rd floor
Hamden Center II
Hamden CT 06518

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		09/15/10	15:45
Location Code:	DTECHDAS	Received by:	SW	09/16/10	17:52
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0000077455				

Laboratory Data

SDG ID: GAZ55480
Phoenix ID: AZ55481

Project ID: CONN DOT WESTBROOK SLE STATION

Client ID: RR-36 (0.33-2.7)

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.34	0.34	mg/Kg	09/19/10		EK	SW6010
Arsenic	0.9	0.7	mg/Kg	09/19/10		EK	SW6010
Barium	38.9	0.34	mg/Kg	09/21/10		LK	SW6010
Cadmium	< 0.34	0.34	mg/Kg	09/21/10		LK	SW6010
Chromium	11.9	0.34	mg/Kg	09/19/10		EK	SW6010
Mercury	< 0.08	0.08	mg/Kg	09/17/10		TH	SW-7471
Lead	9.30	0.34	mg/Kg	09/21/10		LK	SW6010
Selenium	< 1.4	1.4	mg/Kg	09/19/10		EK	SW6010
Percent Solid	95		%	09/16/10		JL	E160.3
Soil Extraction for PCB	Completed			09/16/10		SB	SW3545
Soil Extraction for Pesticide	Completed			09/16/10		SB/F	SW3545
Soil Extraction for SVOA	Completed			09/16/10		FS/F	SW3545
Extraction of CT ETPH	Completed			09/16/10		BS/F	3545
Mercury Digestion	Completed			09/17/10		D	SW7471
Soil Extraction for Herbicide	Completed			09/16/10		JF/D	SW8151
Total Metals Digest	Completed			09/16/10		C/AG	SW846 - 3050
Field Extraction	Completed			09/14/10		DTC	SW5035
Chlorinated Herbicides							
2,4,5-T	ND	100	ug/Kg	09/17/10		KCA	SW8151
2,4,5-TP (Silvex)	ND	100	ug/Kg	09/17/10		KCA	SW8151
2,4-D	ND	100	ug/Kg	09/17/10		KCA	SW8151
2,4-DB	ND	1000	ug/Kg	09/17/10		KCA	SW8151
Dalapon	ND	520	ug/Kg	09/17/10		KCA	SW8151
Dicamba	ND	320	ug/Kg	09/17/10		KCA	SW8151
Dichloroprop	ND	100	ug/Kg	09/17/10		KCA	SW8151
Dinoseb	ND	210	ug/Kg	09/17/10		KCA	SW8151

QA/QC Surrogates

Project ID: CONN DOT WESTBROOK SLE STATION
Client ID: RR-36 (0.33-2.7)

Phoenix I.D.: AZ55481

Parameter	Result	RL	Units	Date	Time	By	Reference
% DCAA	71		%	09/17/10		KCA	SW8151
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.2	ug/Kg	09/17/10		R/L	SW8260
1,1,1-Trichloroethane	ND	5.2	ug/Kg	09/17/10		R/L	SW8260
1,1,2,2-Tetrachloroethane	ND	3.1	ug/Kg	09/17/10		R/L	SW8260
1,1,2-Trichloroethane	ND	5.2	ug/Kg	09/17/10		R/L	SW8260
1,1-Dichloroethane	ND	5.2	ug/Kg	09/17/10		R/L	SW8260
1,1-Dichloroethene	ND	5.2	ug/Kg	09/17/10		R/L	SW8260
1,1-Dichloropropene	ND	5.2	ug/Kg	09/17/10		R/L	SW8260
1,2,3-Trichlorobenzene	ND	5.2	ug/Kg	09/17/10		R/L	SW8260
1,2,3-Trichloropropane	ND	5.2	ug/Kg	09/17/10		R/L	SW8260
1,2,4-Trichlorobenzene	ND	5.2	ug/Kg	09/17/10		R/L	SW8260
1,2,4-Trimethylbenzene	ND	5.2	ug/Kg	09/17/10		R/L	SW8260
1,2-Dibromo-3-chloropropane	ND	5.2	ug/Kg	09/17/10		R/L	SW8260
1,2-Dichlorobenzene	ND	5.2	ug/Kg	09/17/10		R/L	SW8260
1,2-Dichloroethane	ND	5.2	ug/Kg	09/17/10		R/L	SW8260
1,2-Dichloropropane	ND	5.2	ug/Kg	09/17/10		R/L	SW8260
1,3,5-Trimethylbenzene	ND	5.2	ug/Kg	09/17/10		R/L	SW8260
1,3-Dichlorobenzene	ND	5.2	ug/Kg	09/17/10		R/L	SW8260
1,3-Dichloropropane	ND	5.2	ug/Kg	09/17/10		R/L	SW8260
1,4-Dichlorobenzene	ND	5.2	ug/Kg	09/17/10		R/L	SW8260
2,2-Dichloropropane	ND	5.2	ug/Kg	09/17/10		R/L	SW8260
2-Chlorotoluene	ND	5.2	ug/Kg	09/17/10		R/L	SW8260
2-Hexanone	ND	26	ug/Kg	09/17/10		R/L	SW8260
2-Isopropyltoluene	ND	5.2	ug/Kg	09/17/10		R/L	SW8260
4-Chlorotoluene	ND	5.2	ug/Kg	09/17/10		R/L	SW8260
4-Methyl-2-pentanone	ND	26	ug/Kg	09/17/10		R/L	SW8260
Acetone	ND	100	ug/Kg	09/17/10		R/L	SW8260
Acrylonitrile	ND	5.2	ug/Kg	09/17/10		R/L	SW8260
Benzene	ND	5.2	ug/Kg	09/17/10		R/L	SW8260
Bromobenzene	ND	5.2	ug/Kg	09/17/10		R/L	SW8260
Bromochloromethane	ND	5.2	ug/Kg	09/17/10		R/L	SW8260
Bromodichloromethane	ND	5.2	ug/Kg	09/17/10		R/L	SW8260
Bromoform	ND	5.2	ug/Kg	09/17/10		R/L	SW8260
Bromomethane	ND	5.2	ug/Kg	09/17/10		R/L	SW8260
Carbon Disulfide	ND	5.2	ug/Kg	09/17/10		R/L	SW8260
Carbon tetrachloride	ND	5.2	ug/Kg	09/17/10		R/L	SW8260
Chlorobenzene	ND	5.2	ug/Kg	09/17/10		R/L	SW8260
Chloroethane	ND	5.2	ug/Kg	09/17/10		R/L	SW8260
Chloroform	ND	5.2	ug/Kg	09/17/10		R/L	SW8260
Chloromethane	ND	5.2	ug/Kg	09/17/10		R/L	SW8260
cis-1,2-Dichloroethene	ND	5.2	ug/Kg	09/17/10		R/L	SW8260
cis-1,3-Dichloropropene	ND	5.2	ug/Kg	09/17/10		R/L	SW8260
Dibromochloromethane	ND	3.1	ug/Kg	09/17/10		R/L	SW8260
Dibromoethane	ND	5.2	ug/Kg	09/17/10		R/L	SW8260
Dibromomethane	ND	5.2	ug/Kg	09/17/10		R/L	SW8260
Dichlorodifluoromethane	ND	5.2	ug/Kg	09/17/10		R/L	SW8260
Ethylbenzene	ND	5.2	ug/Kg	09/17/10		R/L	SW8260
Hexachlorobutadiene	ND	5.2	ug/Kg	09/17/10		R/L	SW8260

Project ID: CONN DOT WESTBROOK SLE STATION
Client ID: RR-36 (0.33-2.7)

Phoenix I.D.: AZ55481

Parameter	Result	RL	Units	Date	Time	By	Reference
Isopropylbenzene	ND	5.2	ug/Kg	09/17/10		R/L	SW8260
m&p-Xylene	ND	5.2	ug/Kg	09/17/10		R/L	SW8260
Methyl Ethyl Ketone	ND	31	ug/Kg	09/17/10		R/L	SW8260
Methyl t-butyl ether (MTBE)	ND	10	ug/Kg	09/17/10		R/L	SW8260
Methylene chloride	ND	5.2	ug/Kg	09/17/10		R/L	SW8260
Naphthalene	ND	5.2	ug/Kg	09/17/10		R/L	SW8260
n-Butylbenzene	ND	5.2	ug/Kg	09/17/10		R/L	SW8260
n-Propylbenzene	ND	5.2	ug/Kg	09/17/10		R/L	SW8260
o-Xylene	ND	5.2	ug/Kg	09/17/10		R/L	SW8260
p-Isopropyltoluene	ND	5.2	ug/Kg	09/17/10		R/L	SW8260
sec-Butylbenzene	ND	5.2	ug/Kg	09/17/10		R/L	SW8260
Styrene	ND	5.2	ug/Kg	09/17/10		R/L	SW8260
tert-Butylbenzene	ND	5.2	ug/Kg	09/17/10		R/L	SW8260
Tetrachloroethene	ND	5.2	ug/Kg	09/17/10		R/L	SW8260
Tetrahydrofuran (THF)	ND	10	ug/Kg	09/17/10		R/L	SW8260
Toluene	ND	5.2	ug/Kg	09/17/10		R/L	SW8260
Total Xylenes	ND	5.2	ug/Kg	09/17/10		R/L	SW8260
trans-1,2-Dichloroethene	ND	5.2	ug/Kg	09/17/10		R/L	SW8260
trans-1,3-Dichloropropene	ND	5.2	ug/Kg	09/17/10		R/L	SW8260
trans-1,4-dichloro-2-butene	ND	10	ug/Kg	09/17/10		R/L	SW8260
Trichloroethene	ND	5.2	ug/Kg	09/17/10		R/L	SW8260
Trichlorofluoromethane	ND	5.2	ug/Kg	09/17/10		R/L	SW8260
Trichlorotrifluoroethane	ND	5.2	ug/Kg	09/17/10		R/L	SW8260
Vinyl chloride	ND	5.2	ug/Kg	09/17/10		R/L	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	107		%	09/17/10		R/L	SW8260
% Bromofluorobenzene	88		%	09/17/10		R/L	SW8260
% Dibromofluoromethane	97		%	09/17/10		R/L	SW8260
% Toluene-d8	94		%	09/17/10		R/L	SW8260
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	490	ug/Kg	09/19/10		KCA	SW 8270
1,2,4-Trichlorobenzene	ND	490	ug/Kg	09/19/10		KCA	SW 8270
1,2-Dichlorobenzene	ND	490	ug/Kg	09/19/10		KCA	SW 8270
1,3-Dichlorobenzene	ND	490	ug/Kg	09/19/10		KCA	SW 8270
1,4-Dichlorobenzene	ND	490	ug/Kg	09/19/10		KCA	SW 8270
2,4,5-Trichlorophenol	ND	490	ug/Kg	09/19/10		KCA	SW 8270
2,4,6-Trichlorophenol	ND	490	ug/Kg	09/19/10		KCA	SW 8270
2,4-Dichlorophenol	ND	490	ug/Kg	09/19/10		KCA	SW 8270
2,4-Dimethylphenol	ND	490	ug/Kg	09/19/10		KCA	SW 8270
2,4-Dinitrophenol	ND	1100	ug/Kg	09/19/10		KCA	SW 8270
2,4-Dinitrotoluene	ND	490	ug/Kg	09/19/10		KCA	SW 8270
2,6-Dinitrotoluene	ND	490	ug/Kg	09/19/10		KCA	SW 8270
2-Chloronaphthalene	ND	490	ug/Kg	09/19/10		KCA	SW 8270
2-Chlorophenol	ND	490	ug/Kg	09/19/10		KCA	SW 8270
2-Methylnaphthalene	ND	490	ug/Kg	09/19/10		KCA	SW 8270
2-Methylphenol (o-cresol)	ND	490	ug/Kg	09/19/10		KCA	SW 8270
2-Nitroaniline	ND	1100	ug/Kg	09/19/10		KCA	SW 8270
2-Nitrophenol	ND	490	ug/Kg	09/19/10		KCA	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	700	ug/Kg	09/19/10		KCA	SW 8270

Project ID: CONN DOT WESTBROOK SLE STATION **Phoenix I.D.:** AZ55481
Client ID: RR-36 (0.33-2.7)

Parameter	Result	RL	Units	Date	Time	By	Reference
3,3'-Dichlorobenzidine	ND	840	ug/Kg	09/19/10		KCA	SW 8270
3-Nitroaniline	ND	1100	ug/Kg	09/19/10		KCA	SW 8270
4,6-Dinitro-2-methylphenol	ND	2000	ug/Kg	09/19/10		KCA	SW 8270
4-Bromophenyl phenyl ether	ND	700	ug/Kg	09/19/10		KCA	SW 8270
4-Chloro-3-methylphenol	ND	490	ug/Kg	09/19/10		KCA	SW 8270
4-Chloroaniline	ND	490	ug/Kg	09/19/10		KCA	SW 8270
4-Chlorophenyl phenyl ether	ND	490	ug/Kg	09/19/10		KCA	SW 8270
4-Nitroaniline	ND	1100	ug/Kg	09/19/10		KCA	SW 8270
4-Nitrophenol	ND	2000	ug/Kg	09/19/10		KCA	SW 8270
Acenaphthene	ND	490	ug/Kg	09/19/10		KCA	SW 8270
Acenaphthylene	ND	490	ug/Kg	09/19/10		KCA	SW 8270
Acetophenone	ND	490	ug/Kg	09/19/10		KCA	SW 8270
Aniline	ND	2000	ug/Kg	09/19/10		KCA	SW 8270
Anthracene	ND	490	ug/Kg	09/19/10		KCA	SW 8270
Azobenzene	ND	700	ug/Kg	09/19/10		KCA	SW 8270
Benz(a)anthracene	ND	490	ug/Kg	09/19/10		KCA	SW 8270
Benzidine	ND	840	ug/Kg	09/19/10		KCA	SW 8270
Benzo(a)pyrene	ND	490	ug/Kg	09/19/10		KCA	SW 8270
Benzo(b)fluoranthene	ND	490	ug/Kg	09/19/10		KCA	SW 8270
Benzo(ghi)perylene	ND	490	ug/Kg	09/19/10		KCA	SW 8270
Benzo(k)fluoranthene	ND	490	ug/Kg	09/19/10		KCA	SW 8270
Benzoic acid	ND	2000	ug/Kg	09/19/10		KCA	SW 8270
Benzyl butyl phthalate	ND	490	ug/Kg	09/19/10		KCA	SW 8270
Bis(2-chloroethoxy)methane	ND	490	ug/Kg	09/19/10		KCA	SW 8270
Bis(2-chloroethyl)ether	ND	700	ug/Kg	09/19/10		KCA	SW 8270
Bis(2-chloroisopropyl)ether	ND	490	ug/Kg	09/19/10		KCA	SW 8270
Bis(2-ethylhexyl)phthalate	ND	490	ug/Kg	09/19/10		KCA	SW 8270
Carbazole	ND	2000	ug/Kg	09/19/10		KCA	SW 8270
Chrysene	ND	490	ug/Kg	09/19/10		KCA	SW 8270
Dibenz(a,h)anthracene	ND	490	ug/Kg	09/19/10		KCA	SW 8270
Dibenzofuran	ND	490	ug/Kg	09/19/10		KCA	SW 8270
Diethyl phthalate	ND	490	ug/Kg	09/19/10		KCA	SW 8270
Dimethylphthalate	ND	490	ug/Kg	09/19/10		KCA	SW 8270
Di-n-butylphthalate	ND	490	ug/Kg	09/19/10		KCA	SW 8270
Di-n-octylphthalate	ND	490	ug/Kg	09/19/10		KCA	SW 8270
Fluoranthene	ND	490	ug/Kg	09/19/10		KCA	SW 8270
Fluorene	ND	490	ug/Kg	09/19/10		KCA	SW 8270
Hexachlorobenzene	ND	490	ug/Kg	09/19/10		KCA	SW 8270
Hexachlorobutadiene	ND	490	ug/Kg	09/19/10		KCA	SW 8270
Hexachlorocyclopentadiene	ND	490	ug/Kg	09/19/10		KCA	SW 8270
Hexachloroethane	ND	490	ug/Kg	09/19/10		KCA	SW 8270
Indeno(1,2,3-cd)pyrene	ND	490	ug/Kg	09/19/10		KCA	SW 8270
Isophorone	ND	490	ug/Kg	09/19/10		KCA	SW 8270
Naphthalene	ND	490	ug/Kg	09/19/10		KCA	SW 8270
Nitrobenzene	ND	490	ug/Kg	09/19/10		KCA	SW 8270
N-Nitrosodimethylamine	ND	700	ug/Kg	09/19/10		KCA	SW 8270
N-Nitrosodi-n-propylamine	ND	490	ug/Kg	09/19/10		KCA	SW 8270
N-Nitrosodiphenylamine	ND	700	ug/Kg	09/19/10		KCA	SW 8270
Pentachloronitrobenzene	ND	700	ug/Kg	09/19/10		KCA	SW 8270
Pentachlorophenol	ND	700	ug/Kg	09/19/10		KCA	SW 8270

Project ID: CONN DOT WESTBROOK SLE STATION
Client ID: RR-36 (0.33-2.7)

Phoenix I.D.: AZ55481

Parameter	Result	RL	Units	Date	Time	By	Reference
Phenanthrene	ND	490	ug/Kg	09/19/10		KCA	SW 8270
Phenol	ND	490	ug/Kg	09/19/10		KCA	SW 8270
Pyrene	ND	490	ug/Kg	09/19/10		KCA	SW 8270
Pyridine	ND	700	ug/Kg	09/19/10		KCA	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	52		%	09/19/10		KCA	SW 8270
% 2-Fluorobiphenyl	37		%	09/19/10		KCA	SW 8270
% 2-Fluorophenol	40		%	09/19/10		KCA	SW 8270
% Nitrobenzene-d5	37		%	09/19/10		KCA	SW 8270
% Phenol-d5	38		%	09/19/10		KCA	SW 8270
% Terphenyl-d14	18		%	09/19/10		KCA	SW 8270
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	10	mg/Kg	09/17/10		JRB	CT ETPH/8015
Identification	ND		mg/Kg	09/17/10		JRB	CT ETPH/8015
QA/QC Surrogates							
% n-Pentacosane	58		%	09/17/10		JRB	CT ETPH/8015
Polychlorinated Biphenyls							
PCB-1016	ND	350	ug/Kg	09/17/10		MH	SW 8082
PCB-1221	ND	350	ug/Kg	09/17/10		MH	SW 8082
PCB-1232	ND	350	ug/Kg	09/17/10		MH	SW 8082
PCB-1242	ND	350	ug/Kg	09/17/10		MH	SW 8082
PCB-1248	ND	350	ug/Kg	09/17/10		MH	SW 8082
PCB-1254	ND	350	ug/Kg	09/17/10		MH	SW 8082
PCB-1260	ND	350	ug/Kg	09/17/10		MH	SW 8082
PCB-1262	ND	350	ug/Kg	09/17/10		MH	SW 8082
PCB-1268	ND	350	ug/Kg	09/17/10		MH	SW 8082
QA/QC Surrogates							
% DCBP	111		%	09/17/10		MH	SW 8082
% TCMX	82		%	09/17/10		MH	SW 8082
Pesticides							
4,4' -DDD	ND	6.7	ug/Kg	09/17/10		MH	SW8081
4,4' -DDE	ND	6.7	ug/Kg	09/17/10		MH	SW8081
4,4' -DDT	ND	6.7	ug/Kg	09/17/10		MH	SW8081
a-BHC	ND	3.4	ug/Kg	09/17/10		MH	SW8081
Alachlor	ND	3.4	ug/Kg	09/17/10		MH	SW8081
Aldrin	ND	1.0	ug/Kg	09/17/10		MH	SW8081
b-BHC	ND	3.4	ug/Kg	09/17/10		MH	SW8081
Chlordane	ND	10	ug/Kg	09/17/10		MH	SW8081
d-BHC	ND	3.4	ug/Kg	09/17/10		MH	SW8081
Dieldrin	ND	1.0	ug/Kg	09/17/10		MH	SW8081
Endosulfan I	ND	3.4	ug/Kg	09/17/10		MH	SW8081
Endosulfan II	ND	6.7	ug/Kg	09/17/10		MH	SW8081
Endosulfan sulfate	ND	6.7	ug/Kg	09/17/10		MH	SW8081
Endrin	ND	6.7	ug/Kg	09/17/10		MH	SW8081
Endrin aldehyde	ND	6.7	ug/Kg	09/17/10		MH	SW8081
Endrin ketone	ND	6.7	ug/Kg	09/17/10		MH	SW8081
g-BHC	ND	1.0	ug/Kg	09/17/10		MH	SW8081

Project ID: CONN DOT WESTBROOK SLE STATION

Client ID: RR-36 (0.33-2.7)

Phoenix I.D.: AZ55481

Parameter	Result	RL	Units	Date	Time	By	Reference
Heptachlor	ND	2.1	ug/Kg	09/17/10		MH	SW8081
Heptachlor epoxide	ND	3.4	ug/Kg	09/17/10		MH	SW8081
Methoxychlor	ND	34	ug/Kg	09/17/10		MH	SW8081
Toxaphene	ND	34	ug/Kg	09/17/10		MH	SW8081
QA/QC Surrogates							
% DCBP	98		%	09/17/10		MH	SW8081
% TCMX	62		%	09/17/10		MH	SW8081

Comments:

* Poor surrogate recovery was observed for semivolatiles. The other surrogates associated with this sample were within QA/QC criteria. No further action was necessary.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller

Phyllis Shiller, Laboratory Director

October 07, 2010

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 07, 2010

FOR: Attn: Joy Kloss
Diversified Tech. Consultants
2321 Whitney Avenue 3rd floor
Hamden Center II
Hamden CT 06518

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		09/14/10	15:55
Location Code:	DTECHDAS	Received by:	SW	09/16/10	17:52
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0000077455				

Laboratory Data

SDG ID: GAZ55480
Phoenix ID: AZ55482

Project ID: CONN DOT WESTBROOK SLE STATION

Client ID: RR-36 (5-6)

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.33	0.33	mg/Kg	09/19/10		EK	SW6010
Arsenic	< 0.7	0.7	mg/Kg	09/19/10		EK	SW6010
Barium	15.5	0.33	mg/Kg	09/21/10		LK	SW6010
Cadmium	< 0.33	0.33	mg/Kg	09/21/10		LK	SW6010
Chromium	5.26	0.33	mg/Kg	09/19/10		EK	SW6010
Mercury	< 0.06	0.06	mg/Kg	09/17/10		TH	SW-7471
Lead	1.57	0.33	mg/Kg	09/21/10		LK	SW6010
Selenium	< 1.3	1.3	mg/Kg	09/19/10		EK	SW6010
Percent Solid	95		%	09/16/10		JL	E160.3
Soil Extraction for PCB	Completed			09/16/10		SB/F	SW3545
Soil Extraction for SVOA	Completed			09/16/10		FS/F	SW3545
Extraction of CT ETPH	Completed			09/16/10		BS/F	3545
Mercury Digestion	Completed			09/17/10		D	SW7471
Total Metals Digest	Completed			09/16/10		C/AG	SW846 - 3050
Field Extraction	Completed			09/14/10		DTC	SW5035
Volatiles							
1,1,1,2-Tetrachloroethane	ND	4.6	ug/Kg	09/17/10		R/L	SW8260
1,1,1-Trichloroethane	ND	4.6	ug/Kg	09/17/10		R/L	SW8260
1,1,2,2-Tetrachloroethane	ND	2.7	ug/Kg	09/17/10		R/L	SW8260
1,1,2-Trichloroethane	ND	4.6	ug/Kg	09/17/10		R/L	SW8260
1,1-Dichloroethane	ND	4.6	ug/Kg	09/17/10		R/L	SW8260
1,1-Dichloroethene	ND	4.6	ug/Kg	09/17/10		R/L	SW8260
1,1-Dichloropropene	ND	4.6	ug/Kg	09/17/10		R/L	SW8260
1,2,3-Trichlorobenzene	ND	4.6	ug/Kg	09/17/10		R/L	SW8260
1,2,3-Trichloropropane	ND	4.6	ug/Kg	09/17/10		R/L	SW8260
1,2,4-Trichlorobenzene	ND	4.6	ug/Kg	09/17/10		R/L	SW8260
1,2,4-Trimethylbenzene	ND	4.6	ug/Kg	09/17/10		R/L	SW8260

Project ID: CONN DOT WESTBROOK SLE STATION **Phoenix I.D.:** AZ55482
Client ID: RR-36 (5-6)

Parameter	Result	RL	Units	Date	Time	By	Reference
1,2-Dibromo-3-chloropropane	ND	4.6	ug/Kg	09/17/10		R/L	SW8260
1,2-Dichlorobenzene	ND	4.6	ug/Kg	09/17/10		R/L	SW8260
1,2-Dichloroethane	ND	4.6	ug/Kg	09/17/10		R/L	SW8260
1,2-Dichloropropane	ND	4.6	ug/Kg	09/17/10		R/L	SW8260
1,3,5-Trimethylbenzene	ND	4.6	ug/Kg	09/17/10		R/L	SW8260
1,3-Dichlorobenzene	ND	4.6	ug/Kg	09/17/10		R/L	SW8260
1,3-Dichloropropane	ND	4.6	ug/Kg	09/17/10		R/L	SW8260
1,4-Dichlorobenzene	ND	4.6	ug/Kg	09/17/10		R/L	SW8260
2,2-Dichloropropane	ND	4.6	ug/Kg	09/17/10		R/L	SW8260
2-Chlorotoluene	ND	4.6	ug/Kg	09/17/10		R/L	SW8260
2-Hexanone	ND	23	ug/Kg	09/17/10		R/L	SW8260
2-Isopropyltoluene	ND	4.6	ug/Kg	09/17/10		R/L	SW8260
4-Chlorotoluene	ND	4.6	ug/Kg	09/17/10		R/L	SW8260
4-Methyl-2-pentanone	ND	23	ug/Kg	09/17/10		R/L	SW8260
Acetone	ND	92	ug/Kg	09/17/10		R/L	SW8260
Acrylonitrile	ND	4.6	ug/Kg	09/17/10		R/L	SW8260
Benzene	ND	4.6	ug/Kg	09/17/10		R/L	SW8260
Bromobenzene	ND	4.6	ug/Kg	09/17/10		R/L	SW8260
Bromochloromethane	ND	4.6	ug/Kg	09/17/10		R/L	SW8260
Bromodichloromethane	ND	4.6	ug/Kg	09/17/10		R/L	SW8260
Bromoform	ND	4.6	ug/Kg	09/17/10		R/L	SW8260
Bromomethane	ND	4.6	ug/Kg	09/17/10		R/L	SW8260
Carbon Disulfide	ND	4.6	ug/Kg	09/17/10		R/L	SW8260
Carbon tetrachloride	ND	4.6	ug/Kg	09/17/10		R/L	SW8260
Chlorobenzene	ND	4.6	ug/Kg	09/17/10		R/L	SW8260
Chloroethane	ND	4.6	ug/Kg	09/17/10		R/L	SW8260
Chloroform	ND	4.6	ug/Kg	09/17/10		R/L	SW8260
Chloromethane	ND	4.6	ug/Kg	09/17/10		R/L	SW8260
cis-1,2-Dichloroethene	ND	4.6	ug/Kg	09/17/10		R/L	SW8260
cis-1,3-Dichloropropene	ND	4.6	ug/Kg	09/17/10		R/L	SW8260
Dibromochloromethane	ND	2.7	ug/Kg	09/17/10		R/L	SW8260
Dibromoethane	ND	4.6	ug/Kg	09/17/10		R/L	SW8260
Dibromomethane	ND	4.6	ug/Kg	09/17/10		R/L	SW8260
Dichlorodifluoromethane	ND	4.6	ug/Kg	09/17/10		R/L	SW8260
Ethylbenzene	ND	4.6	ug/Kg	09/17/10		R/L	SW8260
Hexachlorobutadiene	ND	4.6	ug/Kg	09/17/10		R/L	SW8260
Isopropylbenzene	ND	4.6	ug/Kg	09/17/10		R/L	SW8260
m&p-Xylene	ND	4.6	ug/Kg	09/17/10		R/L	SW8260
Methyl Ethyl Ketone	ND	27	ug/Kg	09/17/10		R/L	SW8260
Methyl t-butyl ether (MTBE)	ND	9.2	ug/Kg	09/17/10		R/L	SW8260
Methylene chloride	ND	4.6	ug/Kg	09/17/10		R/L	SW8260
Naphthalene	ND	4.6	ug/Kg	09/17/10		R/L	SW8260
n-Butylbenzene	ND	4.6	ug/Kg	09/17/10		R/L	SW8260
n-Propylbenzene	ND	4.6	ug/Kg	09/17/10		R/L	SW8260
o-Xylene	ND	4.6	ug/Kg	09/17/10		R/L	SW8260
p-Isopropyltoluene	ND	4.6	ug/Kg	09/17/10		R/L	SW8260
sec-Butylbenzene	ND	4.6	ug/Kg	09/17/10		R/L	SW8260
Styrene	ND	4.6	ug/Kg	09/17/10		R/L	SW8260
tert-Butylbenzene	ND	4.6	ug/Kg	09/17/10		R/L	SW8260
Tetrachloroethene	ND	4.6	ug/Kg	09/17/10		R/L	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference
Tetrahydrofuran (THF)	ND	9.2	ug/Kg	09/17/10		R/L	SW8260
Toluene	ND	4.6	ug/Kg	09/17/10		R/L	SW8260
Total Xylenes	ND	4.6	ug/Kg	09/17/10		R/L	SW8260
trans-1,2-Dichloroethene	ND	4.6	ug/Kg	09/17/10		R/L	SW8260
trans-1,3-Dichloropropene	ND	4.6	ug/Kg	09/17/10		R/L	SW8260
trans-1,4-dichloro-2-butene	ND	9.2	ug/Kg	09/17/10		R/L	SW8260
Trichloroethene	ND	4.6	ug/Kg	09/17/10		R/L	SW8260
Trichlorofluoromethane	ND	4.6	ug/Kg	09/17/10		R/L	SW8260
Trichlorotrifluoroethane	ND	4.6	ug/Kg	09/17/10		R/L	SW8260
Vinyl chloride	ND	4.6	ug/Kg	09/17/10		R/L	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	99		%	09/17/10		R/L	SW8260
% Bromofluorobenzene	91		%	09/17/10		R/L	SW8260
% Dibromofluoromethane	103		%	09/17/10		R/L	SW8260
% Toluene-d8	98		%	09/17/10		R/L	SW8260
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	240	ug/Kg	09/17/10		HM	SW 8270
1,2,4-Trichlorobenzene	ND	240	ug/Kg	09/17/10		HM	SW 8270
1,2-Dichlorobenzene	ND	240	ug/Kg	09/17/10		HM	SW 8270
1,3-Dichlorobenzene	ND	240	ug/Kg	09/17/10		HM	SW 8270
1,4-Dichlorobenzene	ND	240	ug/Kg	09/17/10		HM	SW 8270
2,4,5-Trichlorophenol	ND	240	ug/Kg	09/17/10		HM	SW 8270
2,4,6-Trichlorophenol	ND	240	ug/Kg	09/17/10		HM	SW 8270
2,4-Dichlorophenol	ND	240	ug/Kg	09/17/10		HM	SW 8270
2,4-Dimethylphenol	ND	240	ug/Kg	09/17/10		HM	SW 8270
2,4-Dinitrophenol	ND	550	ug/Kg	09/17/10		HM	SW 8270
2,4-Dinitrotoluene	ND	240	ug/Kg	09/17/10		HM	SW 8270
2,6-Dinitrotoluene	ND	240	ug/Kg	09/17/10		HM	SW 8270
2-Chloronaphthalene	ND	240	ug/Kg	09/17/10		HM	SW 8270
2-Chlorophenol	ND	240	ug/Kg	09/17/10		HM	SW 8270
2-Methylnaphthalene	ND	240	ug/Kg	09/17/10		HM	SW 8270
2-Methylphenol (o-cresol)	ND	240	ug/Kg	09/17/10		HM	SW 8270
2-Nitroaniline	ND	550	ug/Kg	09/17/10		HM	SW 8270
2-Nitrophenol	ND	240	ug/Kg	09/17/10		HM	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	340	ug/Kg	09/17/10		HM	SW 8270
3,3'-Dichlorobenzidine	ND	410	ug/Kg	09/17/10		HM	SW 8270
3-Nitroaniline	ND	550	ug/Kg	09/17/10		HM	SW 8270
4,6-Dinitro-2-methylphenol	ND	1000	ug/Kg	09/17/10		HM	SW 8270
4-Bromophenyl phenyl ether	ND	340	ug/Kg	09/17/10		HM	SW 8270
4-Chloro-3-methylphenol	ND	240	ug/Kg	09/17/10		HM	SW 8270
4-Chloroaniline	ND	240	ug/Kg	09/17/10		HM	SW 8270
4-Chlorophenyl phenyl ether	ND	240	ug/Kg	09/17/10		HM	SW 8270
4-Nitroaniline	ND	550	ug/Kg	09/17/10		HM	SW 8270
4-Nitrophenol	ND	1000	ug/Kg	09/17/10		HM	SW 8270
Acenaphthene	ND	240	ug/Kg	09/17/10		HM	SW 8270
Acenaphthylene	ND	240	ug/Kg	09/17/10		HM	SW 8270
Acetophenone	ND	240	ug/Kg	09/17/10		HM	SW 8270
Aniline	ND	1000	ug/Kg	09/17/10		HM	SW 8270
Anthracene	ND	240	ug/Kg	09/17/10		HM	SW 8270

Parameter	Result	RL	Units	Date	Time	By	Reference
Azobenzene	ND	340	ug/Kg	09/17/10		HM	SW 8270
Benz(a)anthracene	ND	240	ug/Kg	09/17/10		HM	SW 8270
Benzidine	ND	410	ug/Kg	09/17/10		HM	SW 8270
Benzo(a)pyrene	ND	240	ug/Kg	09/17/10		HM	SW 8270
Benzo(b)fluoranthene	ND	240	ug/Kg	09/17/10		HM	SW 8270
Benzo(ghi)perylene	ND	240	ug/Kg	09/17/10		HM	SW 8270
Benzo(k)fluoranthene	ND	240	ug/Kg	09/17/10		HM	SW 8270
Benzoic acid	ND	1000	ug/Kg	09/17/10		HM	SW 8270
Benzyl butyl phthalate	ND	240	ug/Kg	09/17/10		HM	SW 8270
Bis(2-chloroethoxy)methane	ND	240	ug/Kg	09/17/10		HM	SW 8270
Bis(2-chloroethyl)ether	ND	340	ug/Kg	09/17/10		HM	SW 8270
Bis(2-chloroisopropyl)ether	ND	240	ug/Kg	09/17/10		HM	SW 8270
Bis(2-ethylhexyl)phthalate	ND	240	ug/Kg	09/17/10		HM	SW 8270
Carbazole	ND	1000	ug/Kg	09/17/10		HM	SW 8270
Chrysene	ND	240	ug/Kg	09/17/10		HM	SW 8270
Dibenz(a,h)anthracene	ND	240	ug/Kg	09/17/10		HM	SW 8270
Dibenzofuran	ND	240	ug/Kg	09/17/10		HM	SW 8270
Diethyl phthalate	ND	240	ug/Kg	09/17/10		HM	SW 8270
Dimethylphthalate	ND	240	ug/Kg	09/17/10		HM	SW 8270
Di-n-butylphthalate	ND	240	ug/Kg	09/17/10		HM	SW 8270
Di-n-octylphthalate	ND	240	ug/Kg	09/17/10		HM	SW 8270
Fluoranthene	ND	240	ug/Kg	09/17/10		HM	SW 8270
Fluorene	ND	240	ug/Kg	09/17/10		HM	SW 8270
Hexachlorobenzene	ND	240	ug/Kg	09/17/10		HM	SW 8270
Hexachlorobutadiene	ND	240	ug/Kg	09/17/10		HM	SW 8270
Hexachlorocyclopentadiene	ND	240	ug/Kg	09/17/10		HM	SW 8270
Hexachloroethane	ND	240	ug/Kg	09/17/10		HM	SW 8270
Indeno(1,2,3-cd)pyrene	ND	240	ug/Kg	09/17/10		HM	SW 8270
Isophorone	ND	240	ug/Kg	09/17/10		HM	SW 8270
Naphthalene	ND	240	ug/Kg	09/17/10		HM	SW 8270
Nitrobenzene	ND	240	ug/Kg	09/17/10		HM	SW 8270
N-Nitrosodimethylamine	ND	340	ug/Kg	09/17/10		HM	SW 8270
N-Nitrosodi-n-propylamine	ND	240	ug/Kg	09/17/10		HM	SW 8270
N-Nitrosodiphenylamine	ND	340	ug/Kg	09/17/10		HM	SW 8270
Pentachloronitrobenzene	ND	340	ug/Kg	09/17/10		HM	SW 8270
Pentachlorophenol	ND	340	ug/Kg	09/17/10		HM	SW 8270
Phenanthrene	ND	240	ug/Kg	09/17/10		HM	SW 8270
Phenol	ND	240	ug/Kg	09/17/10		HM	SW 8270
Pyrene	ND	240	ug/Kg	09/17/10		HM	SW 8270
Pyridine	ND	340	ug/Kg	09/17/10		HM	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	118		%	09/17/10		HM	SW 8270
% 2-Fluorobiphenyl	85		%	09/17/10		HM	SW 8270
% 2-Fluorophenol	93		%	09/17/10		HM	SW 8270
% Nitrobenzene-d5	85		%	09/17/10		HM	SW 8270
% Phenol-d5	94		%	09/17/10		HM	SW 8270
% Terphenyl-d14	46		%	09/17/10		HM	SW 8270

TPH by GC (Extractable Products)

Ext. Petroleum HC	ND	10	mg/Kg	09/17/10		JRB	CT ETPH/8015

Project ID: CONN DOT WESTBROOK SLE STATION

Client ID: RR-36 (5-6)

Phoenix I.D.: AZ55482

Parameter	Result	RL	Units	Date	Time	By	Reference
Identification	ND		mg/Kg	09/17/10		JRB	CT ETPH/8015
QA/QC Surrogates							
% n-Pentacosane	48		%	09/17/10		JRB	CT ETPH/8015
Polychlorinated Biphenyls							
PCB-1016	ND	350	ug/Kg	09/18/10		MH	SW 8082
PCB-1221	ND	350	ug/Kg	09/18/10		MH	SW 8082
PCB-1232	ND	350	ug/Kg	09/18/10		MH	SW 8082
PCB-1242	ND	350	ug/Kg	09/18/10		MH	SW 8082
PCB-1248	ND	350	ug/Kg	09/18/10		MH	SW 8082
PCB-1254	ND	350	ug/Kg	09/18/10		MH	SW 8082
PCB-1260	ND	350	ug/Kg	09/18/10		MH	SW 8082
PCB-1262	ND	350	ug/Kg	09/18/10		MH	SW 8082
PCB-1268	ND	350	ug/Kg	09/18/10		MH	SW 8082
QA/QC Surrogates							
% DCBP	97		%	09/18/10		MH	SW 8082
% TCMX	84		%	09/18/10		MH	SW 8082

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller

Phyllis Shiller, Laboratory Director

October 07, 2010

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 07, 2010

FOR: Attn: Joy Kloss
Diversified Tech. Consultants
2321 Whitney Avenue 3rd floor
Hamden Center II
Hamden CT 06518

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		09/14/10	16:00
Location Code:	DTECHDAS	Received by:	SW	09/16/10	17:52
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0000077455				

Laboratory Data

SDG ID: GAZ55480
Phoenix ID: AZ55483

Project ID: CONN DOT WESTBROOK SLE STATION

Client ID: RR-36 (7-8.5)

Parameter	Result	RL	Units	Date	Time	By	Reference
On Hold	Pending						

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director
October 07, 2010

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 07, 2010

FOR: Attn: Joy Kloss
Diversified Tech. Consultants
2321 Whitney Avenue 3rd floor
Hamden Center II
Hamden CT 06518

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		09/16/10	12:20
Location Code:	DTECHDAS	Received by:	SW	09/16/10	17:52
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0000077455				

Laboratory Data

SDG ID: GAZ55480
Phoenix ID: AZ55484

Project ID: CONN DOT WESTBROOK SLE STATION

Client ID: RR-35 (0.25-1)

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.40	0.40	mg/Kg	09/19/10		EK	SW6010
Arsenic	1.0	0.8	mg/Kg	09/19/10		EK	SW6010
Barium	26.9	0.40	mg/Kg	09/21/10		LK	SW6010
Cadmium	< 0.40	0.40	mg/Kg	09/21/10		LK	SW6010
Chromium	9.65	0.40	mg/Kg	09/19/10		EK	SW6010
Mercury	0.25	0.07	mg/Kg	09/17/10		LK	SW-7471
Lead	13.8	0.40	mg/Kg	09/21/10		LK	SW6010
Selenium	< 1.6	1.6	mg/Kg	09/19/10		EK	SW6010
Percent Solid	90		%	09/17/10		JL	E160.3
Soil Extraction for PCB	Completed			09/16/10		SB	SW3545
Soil Extraction for Pesticide	Completed			09/16/10		SB/F	SW3545
Extraction of CT ETPH	Completed			09/16/10		BS/F	3545
Mercury Digestion	Completed			09/17/10		D	SW7471
Soil Extraction for Herbicide	Completed			09/17/10		J/D	SW8151
Total Metals Digest	Completed			09/16/10		C/AG	SW846 - 3050
Field Extraction	Completed			09/14/10		DTC	SW5035
Chlorinated Herbicides							
2,4,5-T	ND	110	ug/Kg	09/20/10		JRB	SW8151
2,4,5-TP (Silvex)	ND	110	ug/Kg	09/20/10		JRB	SW8151
2,4-D	ND	110	ug/Kg	09/20/10		JRB	SW8151
2,4-DB	ND	1100	ug/Kg	09/20/10		JRB	SW8151
Dalapon	ND	560	ug/Kg	09/20/10		JRB	SW8151
Dicamba	ND	330	ug/Kg	09/20/10		JRB	SW8151
Dichloroprop	ND	110	ug/Kg	09/20/10		JRB	SW8151
Dinoseb	ND	220	ug/Kg	09/20/10		JRB	SW8151
QA/QC Surrogates							
% DCAA	77		%	09/20/10		JRB	SW8151

Project ID: CONN DOT WESTBROOK SLE STATION
Client ID: RR-35 (0.25-1)

Phoenix I.D.: AZ55484

Parameter	Result	RL	Units	Date	Time	By	Reference
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.8	ug/Kg	09/20/10		R/P	SW8260
1,1,1-Trichloroethane	ND	5.8	ug/Kg	09/20/10		R/P	SW8260
1,1,2,2-Tetrachloroethane	ND	3.5	ug/Kg	09/20/10		R/P	SW8260
1,1,2-Trichloroethane	ND	5.8	ug/Kg	09/20/10		R/P	SW8260
1,1-Dichloroethane	ND	5.8	ug/Kg	09/20/10		R/P	SW8260
1,1-Dichloroethene	ND	5.8	ug/Kg	09/20/10		R/P	SW8260
1,1-Dichloropropene	ND	5.8	ug/Kg	09/20/10		R/P	SW8260
1,2,3-Trichlorobenzene	ND	5.8	ug/Kg	09/20/10		R/P	SW8260
1,2,3-Trichloropropane	ND	5.8	ug/Kg	09/20/10		R/P	SW8260
1,2,4-Trichlorobenzene	ND	5.8	ug/Kg	09/20/10		R/P	SW8260
1,2,4-Trimethylbenzene	ND	5.8	ug/Kg	09/20/10		R/P	SW8260
1,2-Dibromo-3-chloropropane	ND	5.8	ug/Kg	09/20/10		R/P	SW8260
1,2-Dichlorobenzene	ND	5.8	ug/Kg	09/20/10		R/P	SW8260
1,2-Dichloroethane	ND	5.8	ug/Kg	09/20/10		R/P	SW8260
1,2-Dichloropropane	ND	5.8	ug/Kg	09/20/10		R/P	SW8260
1,3,5-Trimethylbenzene	ND	5.8	ug/Kg	09/20/10		R/P	SW8260
1,3-Dichlorobenzene	ND	5.8	ug/Kg	09/20/10		R/P	SW8260
1,3-Dichloropropane	ND	5.8	ug/Kg	09/20/10		R/P	SW8260
1,4-Dichlorobenzene	ND	5.8	ug/Kg	09/20/10		R/P	SW8260
2,2-Dichloropropane	ND	5.8	ug/Kg	09/20/10		R/P	SW8260
2-Chlorotoluene	ND	5.8	ug/Kg	09/20/10		R/P	SW8260
2-Hexanone	ND	29	ug/Kg	09/20/10		R/P	SW8260
2-Isopropyltoluene	ND	5.8	ug/Kg	09/20/10		R/P	SW8260
4-Chlorotoluene	ND	5.8	ug/Kg	09/20/10		R/P	SW8260
4-Methyl-2-pentanone	ND	29	ug/Kg	09/20/10		R/P	SW8260
Acetone	ND	120	ug/Kg	09/20/10		R/P	SW8260
Acrylonitrile	ND	5.8	ug/Kg	09/20/10		R/P	SW8260
Benzene	ND	5.8	ug/Kg	09/20/10		R/P	SW8260
Bromobenzene	ND	5.8	ug/Kg	09/20/10		R/P	SW8260
Bromochloromethane	ND	5.8	ug/Kg	09/20/10		R/P	SW8260
Bromodichloromethane	ND	5.8	ug/Kg	09/20/10		R/P	SW8260
Bromoform	ND	5.8	ug/Kg	09/20/10		R/P	SW8260
Bromomethane	ND	5.8	ug/Kg	09/20/10		R/P	SW8260
Carbon Disulfide	ND	5.8	ug/Kg	09/20/10		R/P	SW8260
Carbon tetrachloride	ND	5.8	ug/Kg	09/20/10		R/P	SW8260
Chlorobenzene	ND	5.8	ug/Kg	09/20/10		R/P	SW8260
Chloroethane	ND	5.8	ug/Kg	09/20/10		R/P	SW8260
Chloroform	ND	5.8	ug/Kg	09/20/10		R/P	SW8260
Chloromethane	ND	5.8	ug/Kg	09/20/10		R/P	SW8260
cis-1,2-Dichloroethene	ND	5.8	ug/Kg	09/20/10		R/P	SW8260
cis-1,3-Dichloropropene	ND	5.8	ug/Kg	09/20/10		R/P	SW8260
Dibromochloromethane	ND	3.5	ug/Kg	09/20/10		R/P	SW8260
Dibromoethane	ND	5.8	ug/Kg	09/20/10		R/P	SW8260
Dibromomethane	ND	5.8	ug/Kg	09/20/10		R/P	SW8260
Dichlorodifluoromethane	ND	5.8	ug/Kg	09/20/10		R/P	SW8260
Ethylbenzene	ND	5.8	ug/Kg	09/20/10		R/P	SW8260
Hexachlorobutadiene	ND	5.8	ug/Kg	09/20/10		R/P	SW8260
Isopropylbenzene	ND	5.8	ug/Kg	09/20/10		R/P	SW8260

Project ID: CONN DOT WESTBROOK SLE STATION
Client ID: RR-35 (0.25-1)

Phoenix I.D.: AZ55484

Parameter	Result	RL	Units	Date	Time	By	Reference
m&p-Xylene	ND	5.8	ug/Kg	09/20/10		R/P	SW8260
Methyl Ethyl Ketone	ND	35	ug/Kg	09/20/10		R/P	SW8260
Methyl t-butyl ether (MTBE)	ND	12	ug/Kg	09/20/10		R/P	SW8260
Methylene chloride	ND	5.8	ug/Kg	09/20/10		R/P	SW8260
Naphthalene	ND	5.8	ug/Kg	09/20/10		R/P	SW8260
n-Butylbenzene	ND	5.8	ug/Kg	09/20/10		R/P	SW8260
n-Propylbenzene	ND	5.8	ug/Kg	09/20/10		R/P	SW8260
o-Xylene	ND	5.8	ug/Kg	09/20/10		R/P	SW8260
p-Isopropyltoluene	ND	5.8	ug/Kg	09/20/10		R/P	SW8260
sec-Butylbenzene	ND	5.8	ug/Kg	09/20/10		R/P	SW8260
Styrene	ND	5.8	ug/Kg	09/20/10		R/P	SW8260
tert-Butylbenzene	ND	5.8	ug/Kg	09/20/10		R/P	SW8260
Tetrachloroethene	ND	5.8	ug/Kg	09/20/10		R/P	SW8260
Tetrahydrofuran (THF)	ND	12	ug/Kg	09/20/10		R/P	SW8260
Toluene	ND	5.8	ug/Kg	09/20/10		R/P	SW8260
Total Xylenes	ND	5.8	ug/Kg	09/20/10		R/P	SW8260
trans-1,2-Dichloroethene	ND	5.8	ug/Kg	09/20/10		R/P	SW8260
trans-1,3-Dichloropropene	ND	5.8	ug/Kg	09/20/10		R/P	SW8260
trans-1,4-dichloro-2-butene	ND	12	ug/Kg	09/20/10		R/P	SW8260
Trichloroethene	ND	5.8	ug/Kg	09/20/10		R/P	SW8260
Trichlorofluoromethane	ND	5.8	ug/Kg	09/20/10		R/P	SW8260
Trichlorotrifluoroethane	ND	5.8	ug/Kg	09/20/10		R/P	SW8260
Vinyl chloride	ND	5.8	ug/Kg	09/20/10		R/P	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	121		%	09/20/10		R/P	SW8260
% Bromofluorobenzene	74		%	09/20/10		R/P	SW8260
% Dibromofluoromethane	108		%	09/20/10		R/P	SW8260
% Toluene-d8	92		%	09/20/10		R/P	SW8260
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	11	mg/Kg	09/20/10		JRB	CT ETPH/8015
Identification	ND		mg/Kg	09/20/10		JRB	CT ETPH/8015
QA/QC Surrogates							
% n-Pentacosane	53		%	09/20/10		JRB	CT ETPH/8015
Polychlorinated Biphenyls							
PCB-1016	ND	370	ug/Kg	09/17/10		MH	SW 8082
PCB-1221	ND	370	ug/Kg	09/17/10		MH	SW 8082
PCB-1232	ND	370	ug/Kg	09/17/10		MH	SW 8082
PCB-1242	ND	370	ug/Kg	09/17/10		MH	SW 8082
PCB-1248	ND	370	ug/Kg	09/17/10		MH	SW 8082
PCB-1254	ND	370	ug/Kg	09/17/10		MH	SW 8082
PCB-1260	ND	370	ug/Kg	09/17/10		MH	SW 8082
PCB-1262	ND	370	ug/Kg	09/17/10		MH	SW 8082
PCB-1268	ND	370	ug/Kg	09/17/10		MH	SW 8082
QA/QC Surrogates							
% DCBP	104		%	09/17/10		MH	SW 8082
% TCMX	72		%	09/17/10		MH	SW 8082

Project ID: CONN DOT WESTBROOK SLE STATION

Client ID: RR-35 (0.25-1)

Phoenix I.D.: AZ55484

Parameter	Result	RL	Units	Date	Time	By	Reference
Pesticides							
4,4' -DDD	ND	7.0	ug/Kg	09/17/10		MH	SW8081
4,4' -DDE	ND	7.0	ug/Kg	09/17/10		MH	SW8081
4,4' -DDT	ND	7.0	ug/Kg	09/17/10		MH	SW8081
a-BHC	ND	3.5	ug/Kg	09/17/10		MH	SW8081
Alachlor	ND	3.5	ug/Kg	09/17/10		MH	SW8081
Aldrin	ND	1.1	ug/Kg	09/17/10		MH	SW8081
b-BHC	ND	3.5	ug/Kg	09/17/10		MH	SW8081
Chlordane	ND	11	ug/Kg	09/17/10		MH	SW8081
d-BHC	ND	3.5	ug/Kg	09/17/10		MH	SW8081
Dieldrin	ND	1.1	ug/Kg	09/17/10		MH	SW8081
Endosulfan I	ND	3.5	ug/Kg	09/17/10		MH	SW8081
Endosulfan II	ND	7.0	ug/Kg	09/17/10		MH	SW8081
Endosulfan sulfate	ND	7.0	ug/Kg	09/17/10		MH	SW8081
Endrin	ND	7.0	ug/Kg	09/17/10		MH	SW8081
Endrin aldehyde	ND	7.0	ug/Kg	09/17/10		MH	SW8081
Endrin ketone	ND	7.0	ug/Kg	09/17/10		MH	SW8081
g-BHC	ND	1.1	ug/Kg	09/17/10		MH	SW8081
Heptachlor	ND	2.2	ug/Kg	09/17/10		MH	SW8081
Heptachlor epoxide	ND	3.5	ug/Kg	09/17/10		MH	SW8081
Methoxychlor	ND	35	ug/Kg	09/17/10		MH	SW8081
Toxaphene	ND	35	ug/Kg	09/17/10		MH	SW8081
QA/QC Surrogates							
% DCBP	86		%	09/17/10		MH	SW8081
% TCMX	56		%	09/17/10		MH	SW8081

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller

Phyllis Shiller, Laboratory Director

October 07, 2010

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac
NY # 11301

Analysis Report

October 07, 2010

FOR: Attn: Joy Kloss
Diversified Tech. Consultants
2321 Whitney Avenue 3rd floor
Hamden Center II
Hamden CT 06518

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		09/14/10	12:25
Location Code:	DTECHDAS	Received by:	SW	09/16/10	17:52
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0000077455				

Laboratory Data

SDG ID: GAZ55480
Phoenix ID: AZ55485

Project ID: CONN DOT WESTBROOK SLE STATION

Client ID: RR-35 (5-5.6)

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.35	0.35	mg/Kg	09/19/10		EK	SW6010
Arsenic	< 0.7	0.7	mg/Kg	09/19/10		EK	SW6010
Barium	17.5	0.35	mg/Kg	09/21/10		LK	SW6010
Cadmium	< 0.35	0.35	mg/Kg	09/21/10		LK	SW6010
Chromium	8.17	0.35	mg/Kg	09/19/10		EK	SW6010
Mercury	< 0.07	0.07	mg/Kg	09/17/10		TH	SW-7471
Lead	2.70	0.35	mg/Kg	09/21/10		LK	SW6010
Selenium	< 1.4	1.4	mg/Kg	09/19/10		EK	SW6010
Percent Solid	89		%	09/16/10		JL	E160.3
Soil Extraction for PCB	Completed			09/16/10		SB/F	SW3545
Soil Extraction for SVOA	Completed			09/16/10		FS/F	SW3545
Extraction of CT ETPH	Completed			09/16/10		BS/F	3545
Mercury Digestion	Completed			09/17/10		D	SW7471
Total Metals Digest	Completed			09/16/10		C/AG	SW846 - 3050
Field Extraction	Completed			09/14/10		DTC	SW5035
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.4	ug/Kg	09/17/10		R/L	SW8260
1,1,1-Trichloroethane	ND	5.4	ug/Kg	09/17/10		R/L	SW8260
1,1,2,2-Tetrachloroethane	ND	3.3	ug/Kg	09/17/10		R/L	SW8260
1,1,2-Trichloroethane	ND	5.4	ug/Kg	09/17/10		R/L	SW8260
1,1-Dichloroethane	ND	5.4	ug/Kg	09/17/10		R/L	SW8260
1,1-Dichloroethene	ND	5.4	ug/Kg	09/17/10		R/L	SW8260
1,1-Dichloropropene	ND	5.4	ug/Kg	09/17/10		R/L	SW8260
1,2,3-Trichlorobenzene	ND	5.4	ug/Kg	09/17/10		R/L	SW8260
1,2,3-Trichloropropane	ND	5.4	ug/Kg	09/17/10		R/L	SW8260
1,2,4-Trichlorobenzene	ND	5.4	ug/Kg	09/17/10		R/L	SW8260
1,2,4-Trimethylbenzene	ND	5.4	ug/Kg	09/17/10		R/L	SW8260

Project ID: CONN DOT WESTBROOK SLE STATION **Phoenix I.D.:** AZ55485
Client ID: RR-35 (5-5.6)

Parameter	Result	RL	Units	Date	Time	By	Reference
1,2-Dibromo-3-chloropropane	ND	5.4	ug/Kg	09/17/10		R/L	SW8260
1,2-Dichlorobenzene	ND	5.4	ug/Kg	09/17/10		R/L	SW8260
1,2-Dichloroethane	ND	5.4	ug/Kg	09/17/10		R/L	SW8260
1,2-Dichloropropane	ND	5.4	ug/Kg	09/17/10		R/L	SW8260
1,3,5-Trimethylbenzene	ND	5.4	ug/Kg	09/17/10		R/L	SW8260
1,3-Dichlorobenzene	ND	5.4	ug/Kg	09/17/10		R/L	SW8260
1,3-Dichloropropane	ND	5.4	ug/Kg	09/17/10		R/L	SW8260
1,4-Dichlorobenzene	ND	5.4	ug/Kg	09/17/10		R/L	SW8260
2,2-Dichloropropane	ND	5.4	ug/Kg	09/17/10		R/L	SW8260
2-Chlorotoluene	ND	5.4	ug/Kg	09/17/10		R/L	SW8260
2-Hexanone	ND	27	ug/Kg	09/17/10		R/L	SW8260
2-Isopropyltoluene	ND	5.4	ug/Kg	09/17/10		R/L	SW8260
4-Chlorotoluene	ND	5.4	ug/Kg	09/17/10		R/L	SW8260
4-Methyl-2-pentanone	ND	27	ug/Kg	09/17/10		R/L	SW8260
Acetone	ND	110	ug/Kg	09/17/10		R/L	SW8260
Acrylonitrile	ND	5.4	ug/Kg	09/17/10		R/L	SW8260
Benzene	ND	5.4	ug/Kg	09/17/10		R/L	SW8260
Bromobenzene	ND	5.4	ug/Kg	09/17/10		R/L	SW8260
Bromochloromethane	ND	5.4	ug/Kg	09/17/10		R/L	SW8260
Bromodichloromethane	ND	5.4	ug/Kg	09/17/10		R/L	SW8260
Bromoform	ND	5.4	ug/Kg	09/17/10		R/L	SW8260
Bromomethane	ND	5.4	ug/Kg	09/17/10		R/L	SW8260
Carbon Disulfide	ND	5.4	ug/Kg	09/17/10		R/L	SW8260
Carbon tetrachloride	ND	5.4	ug/Kg	09/17/10		R/L	SW8260
Chlorobenzene	ND	5.4	ug/Kg	09/17/10		R/L	SW8260
Chloroethane	ND	5.4	ug/Kg	09/17/10		R/L	SW8260
Chloroform	ND	5.4	ug/Kg	09/17/10		R/L	SW8260
Chloromethane	ND	5.4	ug/Kg	09/17/10		R/L	SW8260
cis-1,2-Dichloroethene	ND	5.4	ug/Kg	09/17/10		R/L	SW8260
cis-1,3-Dichloropropene	ND	5.4	ug/Kg	09/17/10		R/L	SW8260
Dibromochloromethane	ND	3.3	ug/Kg	09/17/10		R/L	SW8260
Dibromoethane	ND	5.4	ug/Kg	09/17/10		R/L	SW8260
Dibromomethane	ND	5.4	ug/Kg	09/17/10		R/L	SW8260
Dichlorodifluoromethane	ND	5.4	ug/Kg	09/17/10		R/L	SW8260
Ethylbenzene	ND	5.4	ug/Kg	09/17/10		R/L	SW8260
Hexachlorobutadiene	ND	5.4	ug/Kg	09/17/10		R/L	SW8260
Isopropylbenzene	ND	5.4	ug/Kg	09/17/10		R/L	SW8260
m&p-Xylene	ND	5.4	ug/Kg	09/17/10		R/L	SW8260
Methyl Ethyl Ketone	ND	33	ug/Kg	09/17/10		R/L	SW8260
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	09/17/10		R/L	SW8260
Methylene chloride	ND	5.4	ug/Kg	09/17/10		R/L	SW8260
Naphthalene	ND	5.4	ug/Kg	09/17/10		R/L	SW8260
n-Butylbenzene	ND	5.4	ug/Kg	09/17/10		R/L	SW8260
n-Propylbenzene	ND	5.4	ug/Kg	09/17/10		R/L	SW8260
o-Xylene	ND	5.4	ug/Kg	09/17/10		R/L	SW8260
p-Isopropyltoluene	ND	5.4	ug/Kg	09/17/10		R/L	SW8260
sec-Butylbenzene	ND	5.4	ug/Kg	09/17/10		R/L	SW8260
Styrene	ND	5.4	ug/Kg	09/17/10		R/L	SW8260
tert-Butylbenzene	ND	5.4	ug/Kg	09/17/10		R/L	SW8260
Tetrachloroethene	ND	5.4	ug/Kg	09/17/10		R/L	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference
Tetrahydrofuran (THF)	ND	11	ug/Kg	09/17/10		R/L	SW8260
Toluene	ND	5.4	ug/Kg	09/17/10		R/L	SW8260
Total Xylenes	ND	5.4	ug/Kg	09/17/10		R/L	SW8260
trans-1,2-Dichloroethene	ND	5.4	ug/Kg	09/17/10		R/L	SW8260
trans-1,3-Dichloropropene	ND	5.4	ug/Kg	09/17/10		R/L	SW8260
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	09/17/10		R/L	SW8260
Trichloroethene	ND	5.4	ug/Kg	09/17/10		R/L	SW8260
Trichlorofluoromethane	ND	5.4	ug/Kg	09/17/10		R/L	SW8260
Trichlorotrifluoroethane	ND	5.4	ug/Kg	09/17/10		R/L	SW8260
Vinyl chloride	ND	5.4	ug/Kg	09/17/10		R/L	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	103		%	09/17/10		R/L	SW8260
% Bromofluorobenzene	88		%	09/17/10		R/L	SW8260
% Dibromofluoromethane	102		%	09/17/10		R/L	SW8260
% Toluene-d8	99		%	09/17/10		R/L	SW8260
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	260	ug/Kg	09/17/10		HM	SW 8270
1,2,4-Trichlorobenzene	ND	260	ug/Kg	09/17/10		HM	SW 8270
1,2-Dichlorobenzene	ND	260	ug/Kg	09/17/10		HM	SW 8270
1,3-Dichlorobenzene	ND	260	ug/Kg	09/17/10		HM	SW 8270
1,4-Dichlorobenzene	ND	260	ug/Kg	09/17/10		HM	SW 8270
2,4,5-Trichlorophenol	ND	260	ug/Kg	09/17/10		HM	SW 8270
2,4,6-Trichlorophenol	ND	260	ug/Kg	09/17/10		HM	SW 8270
2,4-Dichlorophenol	ND	260	ug/Kg	09/17/10		HM	SW 8270
2,4-Dimethylphenol	ND	260	ug/Kg	09/17/10		HM	SW 8270
2,4-Dinitrophenol	ND	590	ug/Kg	09/17/10		HM	SW 8270
2,4-Dinitrotoluene	ND	260	ug/Kg	09/17/10		HM	SW 8270
2,6-Dinitrotoluene	ND	260	ug/Kg	09/17/10		HM	SW 8270
2-Chloronaphthalene	ND	260	ug/Kg	09/17/10		HM	SW 8270
2-Chlorophenol	ND	260	ug/Kg	09/17/10		HM	SW 8270
2-Methylnaphthalene	ND	260	ug/Kg	09/17/10		HM	SW 8270
2-Methylphenol (o-cresol)	ND	260	ug/Kg	09/17/10		HM	SW 8270
2-Nitroaniline	ND	590	ug/Kg	09/17/10		HM	SW 8270
2-Nitrophenol	ND	260	ug/Kg	09/17/10		HM	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	370	ug/Kg	09/17/10		HM	SW 8270
3,3'-Dichlorobenzidine	ND	440	ug/Kg	09/17/10		HM	SW 8270
3-Nitroaniline	ND	590	ug/Kg	09/17/10		HM	SW 8270
4,6-Dinitro-2-methylphenol	ND	1100	ug/Kg	09/17/10		HM	SW 8270
4-Bromophenyl phenyl ether	ND	370	ug/Kg	09/17/10		HM	SW 8270
4-Chloro-3-methylphenol	ND	260	ug/Kg	09/17/10		HM	SW 8270
4-Chloroaniline	ND	260	ug/Kg	09/17/10		HM	SW 8270
4-Chlorophenyl phenyl ether	ND	260	ug/Kg	09/17/10		HM	SW 8270
4-Nitroaniline	ND	590	ug/Kg	09/17/10		HM	SW 8270
4-Nitrophenol	ND	1100	ug/Kg	09/17/10		HM	SW 8270
Acenaphthene	ND	260	ug/Kg	09/17/10		HM	SW 8270
Acenaphthylene	ND	260	ug/Kg	09/17/10		HM	SW 8270
Acetophenone	ND	260	ug/Kg	09/17/10		HM	SW 8270
Aniline	ND	1100	ug/Kg	09/17/10		HM	SW 8270
Anthracene	ND	260	ug/Kg	09/17/10		HM	SW 8270

Project ID: CONN DOT WESTBROOK SLE STATION
Client ID: RR-35 (5-5.6)

Phoenix I.D.: AZ55485

Parameter	Result	RL	Units	Date	Time	By	Reference
Azobenzene	ND	370	ug/Kg	09/17/10		HM	SW 8270
Benz(a)anthracene	ND	260	ug/Kg	09/17/10		HM	SW 8270
Benzidine	ND	440	ug/Kg	09/17/10		HM	SW 8270
Benzo(a)pyrene	ND	260	ug/Kg	09/17/10		HM	SW 8270
Benzo(b)fluoranthene	ND	260	ug/Kg	09/17/10		HM	SW 8270
Benzo(ghi)perylene	ND	260	ug/Kg	09/17/10		HM	SW 8270
Benzo(k)fluoranthene	ND	260	ug/Kg	09/17/10		HM	SW 8270
Benzoic acid	ND	1100	ug/Kg	09/17/10		HM	SW 8270
Benzyl butyl phthalate	ND	260	ug/Kg	09/17/10		HM	SW 8270
Bis(2-chloroethoxy)methane	ND	260	ug/Kg	09/17/10		HM	SW 8270
Bis(2-chloroethyl)ether	ND	370	ug/Kg	09/17/10		HM	SW 8270
Bis(2-chloroisopropyl)ether	ND	260	ug/Kg	09/17/10		HM	SW 8270
Bis(2-ethylhexyl)phthalate	ND	260	ug/Kg	09/17/10		HM	SW 8270
Carbazole	ND	1100	ug/Kg	09/17/10		HM	SW 8270
Chrysene	ND	260	ug/Kg	09/17/10		HM	SW 8270
Dibenz(a,h)anthracene	ND	260	ug/Kg	09/17/10		HM	SW 8270
Dibenzofuran	ND	260	ug/Kg	09/17/10		HM	SW 8270
Diethyl phthalate	ND	260	ug/Kg	09/17/10		HM	SW 8270
Dimethylphthalate	ND	260	ug/Kg	09/17/10		HM	SW 8270
Di-n-butylphthalate	ND	260	ug/Kg	09/17/10		HM	SW 8270
Di-n-octylphthalate	ND	260	ug/Kg	09/17/10		HM	SW 8270
Fluoranthene	ND	260	ug/Kg	09/17/10		HM	SW 8270
Fluorene	ND	260	ug/Kg	09/17/10		HM	SW 8270
Hexachlorobenzene	ND	260	ug/Kg	09/17/10		HM	SW 8270
Hexachlorobutadiene	ND	260	ug/Kg	09/17/10		HM	SW 8270
Hexachlorocyclopentadiene	ND	260	ug/Kg	09/17/10		HM	SW 8270
Hexachloroethane	ND	260	ug/Kg	09/17/10		HM	SW 8270
Indeno(1,2,3-cd)pyrene	ND	260	ug/Kg	09/17/10		HM	SW 8270
Isophorone	ND	260	ug/Kg	09/17/10		HM	SW 8270
Naphthalene	ND	260	ug/Kg	09/17/10		HM	SW 8270
Nitrobenzene	ND	260	ug/Kg	09/17/10		HM	SW 8270
N-Nitrosodimethylamine	ND	370	ug/Kg	09/17/10		HM	SW 8270
N-Nitrosodi-n-propylamine	ND	260	ug/Kg	09/17/10		HM	SW 8270
N-Nitrosodiphenylamine	ND	370	ug/Kg	09/17/10		HM	SW 8270
Pentachloronitrobenzene	ND	370	ug/Kg	09/17/10		HM	SW 8270
Pentachlorophenol	ND	370	ug/Kg	09/17/10		HM	SW 8270
Phenanthrene	ND	260	ug/Kg	09/17/10		HM	SW 8270
Phenol	ND	260	ug/Kg	09/17/10		HM	SW 8270
Pyrene	ND	260	ug/Kg	09/17/10		HM	SW 8270
Pyridine	ND	370	ug/Kg	09/17/10		HM	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	74		%	09/17/10		HM	SW 8270
% 2-Fluorobiphenyl	68		%	09/17/10		HM	SW 8270
% 2-Fluorophenol	73		%	09/17/10		HM	SW 8270
% Nitrobenzene-d5	68		%	09/17/10		HM	SW 8270
% Phenol-d5	73		%	09/17/10		HM	SW 8270
% Terphenyl-d14	59		%	09/17/10		HM	SW 8270
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	11	mg/Kg	09/17/10		JRB	CT ETPH/8015

Project ID: CONN DOT WESTBROOK SLE STATION
Client ID: RR-35 (5-5.6)

Phoenix I.D.: AZ55485

Parameter	Result	RL	Units	Date	Time	By	Reference
Identification	ND		mg/Kg	09/17/10		JRB	CT ETPH/8015
QA/QC Surrogates							
% n-Pentacosane	50		%	09/17/10		JRB	CT ETPH/8015
Polychlorinated Biphenyls							
PCB-1016	ND	370	ug/Kg	09/18/10		MH	SW 8082
PCB-1221	ND	370	ug/Kg	09/18/10		MH	SW 8082
PCB-1232	ND	370	ug/Kg	09/18/10		MH	SW 8082
PCB-1242	ND	370	ug/Kg	09/18/10		MH	SW 8082
PCB-1248	ND	370	ug/Kg	09/18/10		MH	SW 8082
PCB-1254	ND	370	ug/Kg	09/18/10		MH	SW 8082
PCB-1260	ND	370	ug/Kg	09/18/10		MH	SW 8082
PCB-1262	ND	370	ug/Kg	09/18/10		MH	SW 8082
PCB-1268	ND	370	ug/Kg	09/18/10		MH	SW 8082
QA/QC Surrogates							
% DCBP	105		%	09/18/10		MH	SW 8082
% TCMX	85		%	09/18/10		MH	SW 8082

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director
October 07, 2010

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 07, 2010

FOR: Attn: Joy Kloss
Diversified Tech. Consultants
2321 Whitney Avenue 3rd floor
Hamden Center II
Hamden CT 06518

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		09/14/10	12:30
Location Code:	DTECHDAS	Received by:	SW	09/16/10	17:52
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0000077455				

Laboratory Data

SDG ID: GAZ55480
Phoenix ID: AZ55486

Project ID: CONN DOT WESTBROOK SLE STATION

Client ID: RR-35 (7-8)

Parameter	Result	RL	Units	Date	Time	By	Reference
On Hold	Pending						

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director
October 07, 2010

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 07, 2010

FOR: Attn: Joy Kloss
Diversified Tech. Consultants
2321 Whitney Avenue 3rd floor
Hamden Center II
Hamden CT 06518

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		09/14/10	0:00
Location Code:	DTECHDAS	Received by:	SW	09/16/10	17:52
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0000077455				

Laboratory Data

SDG ID: GAZ55480
Phoenix ID: AZ55487

Project ID: CONN DOT WESTBROOK SLE STATION

Client ID: TRIP BLANK

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	09/20/10		JL	E160.3
Field Extraction	Completed			09/14/10		DTC	SW5035
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	09/17/10		R/L	SW8260
1,1,1-Trichloroethane	ND	5.0	ug/Kg	09/17/10		R/L	SW8260
1,1,2,2-Tetrachloroethane	ND	3.0	ug/Kg	09/17/10		R/L	SW8260
1,1,2-Trichloroethane	ND	5.0	ug/Kg	09/17/10		R/L	SW8260
1,1-Dichloroethane	ND	5.0	ug/Kg	09/17/10		R/L	SW8260
1,1-Dichloroethene	ND	5.0	ug/Kg	09/17/10		R/L	SW8260
1,1-Dichloropropene	ND	5.0	ug/Kg	09/17/10		R/L	SW8260
1,2,3-Trichlorobenzene	ND	5.0	ug/Kg	09/17/10		R/L	SW8260
1,2,3-Trichloropropane	ND	5.0	ug/Kg	09/17/10		R/L	SW8260
1,2,4-Trichlorobenzene	ND	5.0	ug/Kg	09/17/10		R/L	SW8260
1,2,4-Trimethylbenzene	ND	5.0	ug/Kg	09/17/10		R/L	SW8260
1,2-Dibromo-3-chloropropane	ND	5.0	ug/Kg	09/17/10		R/L	SW8260
1,2-Dichlorobenzene	ND	5.0	ug/Kg	09/17/10		R/L	SW8260
1,2-Dichloroethane	ND	5.0	ug/Kg	09/17/10		R/L	SW8260
1,2-Dichloropropane	ND	5.0	ug/Kg	09/17/10		R/L	SW8260
1,3,5-Trimethylbenzene	ND	5.0	ug/Kg	09/17/10		R/L	SW8260
1,3-Dichlorobenzene	ND	5.0	ug/Kg	09/17/10		R/L	SW8260
1,3-Dichloropropane	ND	5.0	ug/Kg	09/17/10		R/L	SW8260
1,4-Dichlorobenzene	ND	5.0	ug/Kg	09/17/10		R/L	SW8260
2,2-Dichloropropane	ND	5.0	ug/Kg	09/17/10		R/L	SW8260
2-Chlorotoluene	ND	5.0	ug/Kg	09/17/10		R/L	SW8260
2-Hexanone	ND	25	ug/Kg	09/17/10		R/L	SW8260
2-Isopropyltoluene	ND	5.0	ug/Kg	09/17/10		R/L	SW8260
4-Chlorotoluene	ND	5.0	ug/Kg	09/17/10		R/L	SW8260

Project ID: CONN DOT WESTBROOK SLE STATION **Phoenix I.D.:** AZ55487
Client ID: TRIP BLANK

Parameter	Result	RL	Units	Date	Time	By	Reference
4-Methyl-2-pentanone	ND	25	ug/Kg	09/17/10		R/L	SW8260
Acetone	ND	100	ug/Kg	09/17/10		R/L	SW8260
Acrylonitrile	ND	5.0	ug/Kg	09/17/10		R/L	SW8260
Benzene	ND	5.0	ug/Kg	09/17/10		R/L	SW8260
Bromobenzene	ND	5.0	ug/Kg	09/17/10		R/L	SW8260
Bromochloromethane	ND	5.0	ug/Kg	09/17/10		R/L	SW8260
Bromodichloromethane	ND	5.0	ug/Kg	09/17/10		R/L	SW8260
Bromoform	ND	5.0	ug/Kg	09/17/10		R/L	SW8260
Bromomethane	ND	5.0	ug/Kg	09/17/10		R/L	SW8260
Carbon Disulfide	ND	5.0	ug/Kg	09/17/10		R/L	SW8260
Carbon tetrachloride	ND	5.0	ug/Kg	09/17/10		R/L	SW8260
Chlorobenzene	ND	5.0	ug/Kg	09/17/10		R/L	SW8260
Chloroethane	ND	5.0	ug/Kg	09/17/10		R/L	SW8260
Chloroform	ND	5.0	ug/Kg	09/17/10		R/L	SW8260
Chloromethane	ND	5.0	ug/Kg	09/17/10		R/L	SW8260
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	09/17/10		R/L	SW8260
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	09/17/10		R/L	SW8260
Dibromochloromethane	ND	3.0	ug/Kg	09/17/10		R/L	SW8260
Dibromoethane	ND	5.0	ug/Kg	09/17/10		R/L	SW8260
Dibromomethane	ND	5.0	ug/Kg	09/17/10		R/L	SW8260
Dichlorodifluoromethane	ND	5.0	ug/Kg	09/17/10		R/L	SW8260
Ethylbenzene	ND	5.0	ug/Kg	09/17/10		R/L	SW8260
Hexachlorobutadiene	ND	5.0	ug/Kg	09/17/10		R/L	SW8260
Isopropylbenzene	ND	5.0	ug/Kg	09/17/10		R/L	SW8260
m&p-Xylene	ND	5.0	ug/Kg	09/17/10		R/L	SW8260
Methyl Ethyl Ketone	ND	30	ug/Kg	09/17/10		R/L	SW8260
Methyl t-butyl ether (MTBE)	ND	10	ug/Kg	09/17/10		R/L	SW8260
Methylene chloride	ND	5.0	ug/Kg	09/17/10		R/L	SW8260
Naphthalene	ND	5.0	ug/Kg	09/17/10		R/L	SW8260
n-Butylbenzene	ND	5.0	ug/Kg	09/17/10		R/L	SW8260
n-Propylbenzene	ND	5.0	ug/Kg	09/17/10		R/L	SW8260
o-Xylene	ND	5.0	ug/Kg	09/17/10		R/L	SW8260
p-Isopropyltoluene	ND	5.0	ug/Kg	09/17/10		R/L	SW8260
sec-Butylbenzene	ND	5.0	ug/Kg	09/17/10		R/L	SW8260
Styrene	ND	5.0	ug/Kg	09/17/10		R/L	SW8260
tert-Butylbenzene	ND	5.0	ug/Kg	09/17/10		R/L	SW8260
Tetrachloroethene	ND	5.0	ug/Kg	09/17/10		R/L	SW8260
Tetrahydrofuran (THF)	ND	10	ug/Kg	09/17/10		R/L	SW8260
Toluene	ND	5.0	ug/Kg	09/17/10		R/L	SW8260
Total Xylenes	ND	5.0	ug/Kg	09/17/10		R/L	SW8260
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	09/17/10		R/L	SW8260
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	09/17/10		R/L	SW8260
trans-1,4-dichloro-2-butene	ND	10	ug/Kg	09/17/10		R/L	SW8260
Trichloroethene	ND	5.0	ug/Kg	09/17/10		R/L	SW8260
Trichlorofluoromethane	ND	5.0	ug/Kg	09/17/10		R/L	SW8260
Trichlorotrifluoroethane	ND	5.0	ug/Kg	09/17/10		R/L	SW8260
Vinyl chloride	ND	5.0	ug/Kg	09/17/10		R/L	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	103		%	09/17/10		R/L	SW8260
% Bromofluorobenzene	96		%	09/17/10		R/L	SW8260

Project ID: CONN DOT WESTBROOK SLE STATION

Phoenix I.D.: AZ55487

Client ID: TRIP BLANK

Parameter	Result	RL	Units	Date	Time	By	Reference
% Dibromofluoromethane	109		%	09/17/10		R/L	SW8260
% Toluene-d8	96		%	09/17/10		R/L	SW8260

Comments:

TRIP BLANK INCLUDED. %SOLIDS ASSUMED 100%

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director

October 07, 2010

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 07, 2010

FOR: Attn: Joy Kloss
Diversified Tech. Consultants
2321 Whitney Avenue 3rd floor
Hamden Center II
Hamden CT 06518

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		09/14/10	0:00
Location Code:	DTECHDAS	Received by:	SW	09/16/10	17:52
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0000077455				

Laboratory Data

SDG ID: GAZ55480
Phoenix ID: AZ55488

Project ID: CONN DOT WESTBROOK SLE STATION

Client ID: TRIP BLANK

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	09/20/10		JL	E160.3
Field Extraction	Completed			09/14/10		DTC	SW5035
Volatiles							
1,1,1,2-Tetrachloroethane	ND	250	ug/Kg	09/17/10		R/L	SW8260
1,1,1-Trichloroethane	ND	250	ug/Kg	09/17/10		R/L	SW8260
1,1,2,2-Tetrachloroethane	ND	250	ug/Kg	09/17/10		R/L	SW8260
1,1,2-Trichloroethane	ND	250	ug/Kg	09/17/10		R/L	SW8260
1,1-Dichloroethane	ND	250	ug/Kg	09/17/10		R/L	SW8260
1,1-Dichloroethene	ND	250	ug/Kg	09/17/10		R/L	SW8260
1,1-Dichloropropene	ND	250	ug/Kg	09/17/10		R/L	SW8260
1,2,3-Trichlorobenzene	ND	250	ug/Kg	09/17/10		R/L	SW8260
1,2,3-Trichloropropane	ND	250	ug/Kg	09/17/10		R/L	SW8260
1,2,4-Trichlorobenzene	ND	250	ug/Kg	09/17/10		R/L	SW8260
1,2,4-Trimethylbenzene	ND	250	ug/Kg	09/17/10		R/L	SW8260
1,2-Dibromo-3-chloropropane	ND	250	ug/Kg	09/17/10		R/L	SW8260
1,2-Dichlorobenzene	ND	250	ug/Kg	09/17/10		R/L	SW8260
1,2-Dichloroethane	ND	250	ug/Kg	09/17/10		R/L	SW8260
1,2-Dichloropropane	ND	250	ug/Kg	09/17/10		R/L	SW8260
1,3,5-Trimethylbenzene	ND	250	ug/Kg	09/17/10		R/L	SW8260
1,3-Dichlorobenzene	ND	250	ug/Kg	09/17/10		R/L	SW8260
1,3-Dichloropropane	ND	250	ug/Kg	09/17/10		R/L	SW8260
1,4-Dichlorobenzene	ND	250	ug/Kg	09/17/10		R/L	SW8260
2,2-Dichloropropane	ND	250	ug/Kg	09/17/10		R/L	SW8260
2-Chlorotoluene	ND	250	ug/Kg	09/17/10		R/L	SW8260
2-Hexanone	ND	1300	ug/Kg	09/17/10		R/L	SW8260
2-Isopropyltoluene	ND	250	ug/Kg	09/17/10		R/L	SW8260
4-Chlorotoluene	ND	250	ug/Kg	09/17/10		R/L	SW8260

Project ID: CONN DOT WESTBROOK SLE STATION

Phoenix I.D.: AZ55488

Client ID: TRIP BLANK

Parameter	Result	RL	Units	Date	Time	By	Reference
4-Methyl-2-pentanone	ND	1300	ug/Kg	09/17/10		R/L	SW8260
Acetone	ND	5000	ug/Kg	09/17/10		R/L	SW8260
Acrylonitrile	ND	500	ug/Kg	09/17/10		R/L	SW8260
Benzene	ND	250	ug/Kg	09/17/10		R/L	SW8260
Bromobenzene	ND	250	ug/Kg	09/17/10		R/L	SW8260
Bromochloromethane	ND	250	ug/Kg	09/17/10		R/L	SW8260
Bromodichloromethane	ND	250	ug/Kg	09/17/10		R/L	SW8260
Bromoform	ND	250	ug/Kg	09/17/10		R/L	SW8260
Bromomethane	ND	250	ug/Kg	09/17/10		R/L	SW8260
Carbon Disulfide	ND	250	ug/Kg	09/17/10		R/L	SW8260
Carbon tetrachloride	ND	250	ug/Kg	09/17/10		R/L	SW8260
Chlorobenzene	ND	250	ug/Kg	09/17/10		R/L	SW8260
Chloroethane	ND	250	ug/Kg	09/17/10		R/L	SW8260
Chloroform	ND	250	ug/Kg	09/17/10		R/L	SW8260
Chloromethane	ND	250	ug/Kg	09/17/10		R/L	SW8260
cis-1,2-Dichloroethene	ND	250	ug/Kg	09/17/10		R/L	SW8260
cis-1,3-Dichloropropene	ND	250	ug/Kg	09/17/10		R/L	SW8260
Dibromochloromethane	ND	250	ug/Kg	09/17/10		R/L	SW8260
Dibromoethane	ND	250	ug/Kg	09/17/10		R/L	SW8260
Dibromomethane	ND	250	ug/Kg	09/17/10		R/L	SW8260
Dichlorodifluoromethane	ND	250	ug/Kg	09/17/10		R/L	SW8260
Ethylbenzene	ND	250	ug/Kg	09/17/10		R/L	SW8260
Hexachlorobutadiene	ND	250	ug/Kg	09/17/10		R/L	SW8260
Isopropylbenzene	ND	250	ug/Kg	09/17/10		R/L	SW8260
m&p-Xylene	ND	250	ug/Kg	09/17/10		R/L	SW8260
Methyl Ethyl Ketone	ND	3000	ug/Kg	09/17/10		R/L	SW8260
Methyl t-butyl ether (MTBE)	ND	250	ug/Kg	09/17/10		R/L	SW8260
Methylene chloride	ND	500	ug/Kg	09/17/10		R/L	SW8260
Naphthalene	ND	250	ug/Kg	09/17/10		R/L	SW8260
n-Butylbenzene	ND	250	ug/Kg	09/17/10		R/L	SW8260
n-Propylbenzene	ND	250	ug/Kg	09/17/10		R/L	SW8260
o-Xylene	ND	250	ug/Kg	09/17/10		R/L	SW8260
p-Isopropyltoluene	ND	250	ug/Kg	09/17/10		R/L	SW8260
sec-Butylbenzene	ND	250	ug/Kg	09/17/10		R/L	SW8260
Styrene	ND	250	ug/Kg	09/17/10		R/L	SW8260
tert-Butylbenzene	ND	250	ug/Kg	09/17/10		R/L	SW8260
Tetrachloroethene	ND	250	ug/Kg	09/17/10		R/L	SW8260
Tetrahydrofuran (THF)	ND	500	ug/Kg	09/17/10		R/L	SW8260
Toluene	ND	250	ug/Kg	09/17/10		R/L	SW8260
Total Xylenes	ND	250	ug/Kg	09/17/10		R/L	SW8260
trans-1,2-Dichloroethene	ND	250	ug/Kg	09/17/10		R/L	SW8260
trans-1,3-Dichloropropene	ND	250	ug/Kg	09/17/10		R/L	SW8260
trans-1,4-dichloro-2-butene	ND	500	ug/Kg	09/17/10		R/L	SW8260
Trichloroethene	ND	250	ug/Kg	09/17/10		R/L	SW8260
Trichlorofluoromethane	ND	250	ug/Kg	09/17/10		R/L	SW8260
Trichlorotrifluoroethane	ND	250	ug/Kg	09/17/10		R/L	SW8260
Vinyl chloride	ND	250	ug/Kg	09/17/10		R/L	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	98		%	09/17/10		R/L	SW8260
% Bromofluorobenzene	94		%	09/17/10		R/L	SW8260

Project ID: CONN DOT WESTBROOK SLE STATION

Client ID: TRIP BLANK

Phoenix I.D.: AZ55488

Parameter	Result	RL	Units	Date	Time	By	Reference
% Dibromofluoromethane	106		%	09/17/10		R/L	SW8260
% Toluene-d8	98		%	09/17/10		R/L	SW8260

Comments:

TRIP BLANK INCLUDED. %SOLIDS ASSUMED 100%

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller

Phyllis Shiller, Laboratory Director

October 07, 2010

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac
NY # 11301

QA/QC Report

October 07, 2010

QA/QC Data

SDG I.D.: GAZ55480

Parameter	Blank	Dup RPD	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch 161428, QC Sample No: AZ54538 (AZ55480, AZ55481, AZ55482, AZ55484, AZ55485)								
Mercury	BDL	NC	104	103	1.0	105	99.5	5.4
QA/QC Batch 161368, QC Sample No: AZ55111 (AZ55481, AZ55482, AZ55484, AZ55485)								
ICP Metals - Soil								
Arsenic	BDL	34.1	82.8	83.6	1.0	94.1	85.8	9.2
Barium	BDL	0.70	88.9	90.0	1.2	99.6	94.9	4.8
Cadmium	BDL	NC	90.2	90.1	0.1	103	95.0	8.1
Chromium	BDL	13.9	87.8	87.6	0.2	102	95.0	7.1
Lead	BDL	6.10	81.9	81.0	1.1	95.8	89.3	7.0
Selenium	BDL	NC	81.8	79.5	2.9	88.6	81.4	8.5
Silver	BDL	NC	85.8	86.1	0.3	100	94.0	6.2
QA/QC Batch 161370, QC Sample No: AZ55480 (AZ55480)								
ICP Metals - Soil								
Arsenic	BDL	NC	80.1	80.7	0.7	78.1	80.1	2.5
Barium	BDL	22.2	90.1	92.7	2.8	76.0	78.6	3.4
Cadmium	BDL	NC	87.3	88.4	1.3	86.0	85.3	0.8
Chromium	BDL	0.50	83.6	86.5	3.4	88.4	92.0	4.0
Lead	BDL	17.9	84.5	85.9	1.6	90.4	88.4	2.2
Selenium	BDL	NC	85.4	82.7	3.2	75.1	77.6	3.3
Silver	BDL	NC	82.7	84.3	1.9	86.5	87.6	1.3
QA/QC Batch 162368, QC Sample No: AZ59840 (AZ55480)								
ICP Metals - Aqueous Extraction								
Lead	BDL	8.90	90.6	88.8	2.0	NC	NC	NC

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QA/QC Report

October 07, 2010

QA/QC Data

SDG I.D.: GAZ55480

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch 161285, QC Sample No: AZ54538 (AZ55480, AZ55481, AZ55484)							
Pesticides							
4,4' -DDD	ND	105	105	0.0	108	108	0.0
4,4' -DDE	ND	102	101	1.0	106	98	7.8
4,4' -DDT	ND	89	96	7.6	98	88	10.8
a-BHC	ND	101	103	2.0	108	102	5.7
a-Chlordane	ND	98	101	3.0	102	96	6.1
Alachlor	ND	N/A	N/A	NC	N/A	N/A	NC
Aldrin	ND	104	105	1.0	109	101	7.6
b-BHC	ND	98	101	3.0	105	100	4.9
Chlordane	ND	N/A	N/A	NC	N/A	N/A	NC
d-BHC	ND	103	102	1.0	109	100	8.6
Dieldrin	ND	96	104	8.0	103	97	6.0
Endosulfan I	ND	96	95	1.0	103	97	6.0
Endosulfan II	ND	93	85	9.0	106	98	7.8
Endosulfan sulfate	ND	91	88	3.4	104	99	4.9
Endrin	ND	96	100	4.1	105	95	10.0
Endrin aldehyde	ND	105	80	27.0	130	125	3.9
Endrin ketone	ND	101	98	3.0	109	106	2.8
g-BHC	ND	100	102	2.0	107	100	6.8
g-Chlordane	ND	97	99	2.0	102	95	7.1
Heptachlor	ND	96	97	1.0	102	93	9.2
Heptachlor epoxide	ND	97	98	1.0	102	96	6.1
Methoxychlor	ND	89	93	4.4	97	88	9.7
Toxaphene	ND	N/A	N/A	NC	N/A	N/A	NC
% DCBP	107	106	105	0.9	104	99	4.9
% TCMX	85	88	87	1.1	91	85	6.8
QA/QC Batch 161696, QC Sample No: AZ55150 (AZ55488)							
Volatiles							
1,1,1,2-Tetrachloroethane	ND	102	112	9.3	99	107	7.8
1,1,1-Trichloroethane	ND	98	108	9.7	95	105	10.0
1,1,2,2-Tetrachloroethane	ND	102	102	0.0	96	93	3.2
1,1,2-Trichloroethane	ND	98	94	4.2	96	93	3.2
1,1-Dichloroethane	ND	96	102	6.1	92	101	9.3
1,1-Dichloroethene	ND	93	99	6.3	87	96	9.8
1,1-Dichloropropene	ND	90	98	8.5	91	104	13.3
1,2,3-Trichlorobenzene	ND	105	106	0.9	110	105	4.7
1,2,3-Trichloropropane	ND	101	106	4.8	99	100	1.0
1,2,4-Trichlorobenzene	ND	104	109	4.7	115	113	1.8
1,2,4-Trimethylbenzene	ND	99	115	15.0	99	109	9.6
1,2-Dibromo-3-chloropropane	ND	111	109	1.8	102	89	13.6
1,2-Dichlorobenzene	ND	96	105	9.0	96	98	2.1

QA/QC Data

SDG I.D.: GAZ55480

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD	
1,2-Dichloroethane	ND	98	92	6.3	104	100	3.9	
1,2-Dichloropropane	ND	98	101	3.0	97	103	6.0	
1,3,5-Trimethylbenzene	ND	96	113	16.3	97	108	10.7	
1,3-Dichlorobenzene	ND	99	112	12.3	100	109	8.6	
1,3-Dichloropropane	ND	104	104	0.0	96	103	7.0	
1,4-Dichlorobenzene	ND	100	110	9.5	101	110	8.5	
2,2-Dichloropropane	ND	109	110	0.9	111	113	1.8	
2-Chlorotoluene	ND	98	112	13.3	96	109	12.7	
2-Hexanone	ND	107	93	14.0	103	87	16.8	
2-Isopropyltoluene	ND	94	109	14.8	95	107	11.9	
4-Chlorotoluene	ND	96	105	9.0	99	105	5.9	
4-Methyl-2-pentanone	ND	108	92	16.0	104	88	16.7	
Acetone	ND	94	72	26.5	89	75	17.1	
Acrylonitrile	ND	102	96	6.1	94	86	8.9	
Benzene	ND	94	100	6.2	95	103	8.1	
Bromobenzene	ND	96	110	13.6	92	106	14.1	
Bromochloromethane	ND	104	108	3.8	97	101	4.0	
Bromodichloromethane	ND	96	100	4.1	97	102	5.0	
Bromoform	ND	109	111	1.8	100	97	3.0	
Bromomethane	ND	104	103	1.0	75	78	3.9	
Carbon Disulfide	ND	94	101	7.2	90	98	8.5	
Carbon tetrachloride	ND	101	110	8.5	106	113	6.4	
Chlorobenzene	ND	98	109	10.6	97	108	10.7	
Chloroethane	ND	105	117	10.8	<40	<40	NC	3
Chloroform	ND	94	100	6.2	95	99	4.1	
Chloromethane	ND	88	97	9.7	90	106	16.3	
cis-1,2-Dichloroethene	ND	99	104	4.9	93	100	7.3	
cis-1,3-Dichloropropene	ND	107	101	5.8	104	105	1.0	
Dibromochloromethane	ND	104	106	1.9	94	100	6.2	
Dibromoethane	ND	113	97	15.2	111	93	17.6	
Dibromomethane	ND	100	94	6.2	101	97	4.0	
Dichlorodifluoromethane	ND	95	102	7.1	91	102	11.4	
Ethylbenzene	ND	99	110	10.5	97	110	12.6	
Hexachlorobutadiene	ND	91	105	14.3	100	110	9.5	
Isopropylbenzene	ND	88	104	16.7	93	110	16.7	
m&p-Xylene	ND	100	112	11.3	99	112	12.3	
Methyl ethyl ketone	ND	101	78	25.7	94	84	11.2	
Methyl t-butyl ether (MTBE)	ND	103	102	1.0	104	104	0.0	
Methylene chloride	ND	93	90	3.3	90	90	0.0	
Naphthalene	ND	126	111	12.7	124	99	22.4	
n-Butylbenzene	ND	98	113	14.2	101	113	11.2	
n-Propylbenzene	ND	98	113	14.2	96	108	11.8	
o-Xylene	ND	97	106	8.9	96	107	10.8	
p-Isopropyltoluene	ND	96	113	16.3	96	108	11.8	
sec-Butylbenzene	ND	94	113	18.4	95	107	11.9	
Styrene	ND	103	110	6.6	102	110	7.5	
tert-Butylbenzene	ND	96	113	16.3	94	108	13.9	
Tetrachloroethene	ND	94	106	12.0	95	110	14.6	
Tetrahydrofuran (THF)	ND	112	85	27.4	110	90	20.0	
Toluene	ND	99	105	5.9	100	107	6.8	
trans-1,2-Dichloroethene	ND	102	96	6.1	94	94	0.0	
trans-1,3-Dichloropropene	ND	116	100	14.8	116	107	8.1	
trans-1,4-dichloro-2-butene	ND	121	99	20.0	112	91	20.7	

QA/QC Data

SDG I.D.: GAZ55480

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD	
Trichloroethene	ND	96	106	9.9	97	107	9.8	
Trichlorofluoromethane	ND	93	102	9.2	<40	<40	NC	3
Trichlorotrifluoroethane	ND	92	98	6.3	91	103	12.4	
Vinyl chloride	ND	95	106	10.9	94	107	12.9	
% 1,2-dichlorobenzene-d4	101	101	100	1.0	100	98	2.0	
% Bromofluorobenzene	86	101	100	1.0	101	101	0.0	
% Dibromofluoromethane	94	107	98	8.8	103	103	0.0	
% Toluene-d8	97	101	101	0.0	101	101	0.0	

QA/QC Batch 161999, QC Sample No: AZ55153 (AZ55480, AZ55484)

Volatiles

1,1,1,2-Tetrachloroethane	ND	105	98	6.9	100	96	4.1	
1,1,1-Trichloroethane	ND	102	94	8.2	100	92	8.3	
1,1,2,2-Tetrachloroethane	ND	87	89	2.3	82	86	4.8	
1,1,2-Trichloroethane	ND	92	92	0.0	89	91	2.2	
1,1-Dichloroethane	ND	95	90	5.4	95	90	5.4	
1,1-Dichloroethene	ND	90	85	5.7	87	79	9.6	
1,1-Dichloropropene	ND	94	84	11.2	101	90	11.5	
1,2,3-Trichlorobenzene	ND	88	97	9.7	92	98	6.3	
1,2,3-Trichloropropane	ND	92	91	1.1	85	92	7.9	
1,2,4-Trichlorobenzene	ND	92	90	2.2	100	100	0.0	
1,2,4-Trimethylbenzene	ND	98	91	7.4	102	91	11.4	
1,2-Dibromo-3-chloropropane	ND	85	101	17.2	76	92	19.0	
1,2-Dichlorobenzene	ND	90	87	3.4	92	88	4.4	
1,2-Dichloroethane	ND	98	101	3.0	92	97	5.3	
1,2-Dichloropropane	ND	97	92	5.3	97	93	4.2	
1,3,5-Trimethylbenzene	ND	96	88	8.7	101	88	13.8	
1,3-Dichlorobenzene	ND	95	91	4.3	99	94	5.2	
1,3-Dichloropropane	ND	93	97	4.2	92	94	2.2	
1,4-Dichlorobenzene	ND	92	89	3.3	100	92	8.3	
2,2-Dichloropropane	ND	104	105	1.0	111	106	4.6	
2-Chlorotoluene	ND	94	88	6.6	101	89	12.6	
2-Hexanone	ND	80	98	20.2	72	84	15.4	
2-Isopropyltoluene	ND	93	86	7.8	99	88	11.8	
4-Chlorotoluene	ND	93	83	11.4	97	89	8.6	
4-Methyl-2-pentanone	ND	89	103	14.6	80	91	12.9	
Acetone	ND	70	82	15.8	58	72	21.5	
Acrylonitrile	ND	76	92	19.0	79	102	25.4	
Benzene	ND	98	90	8.5	100	91	9.4	
Bromobenzene	ND	92	88	4.4	93	87	6.7	
Bromochloromethane	ND	94	94	0.0	93	95	2.1	
Bromodichloromethane	ND	102	97	5.0	99	94	5.2	
Bromoform	ND	100	106	5.8	93	97	4.2	
Bromomethane	ND	97	92	5.3	76	76	0.0	
Carbon Disulfide	ND	92	87	5.6	90	84	6.9	
Carbon tetrachloride	ND	112	104	7.4	110	99	10.5	
Chlorobenzene	ND	99	89	10.6	102	95	7.1	
Chloroethane	ND	108	98	9.7	<40	<40	NC	3
Chloroform	ND	95	90	5.4	93	89	4.4	
Chloromethane	ND	87	80	8.4	94	90	4.3	
cis-1,2-Dichloroethene	ND	91	89	2.2	94	88	6.6	
cis-1,3-Dichloropropene	ND	100	101	1.0	100	102	2.0	
Dibromochloromethane	ND	98	98	0.0	91	91	0.0	

QA/QC Data

SDG I.D.: GAZ55480

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD	
Dibromoethane	ND	94	105	11.1	91	106	15.2	
Dibromomethane	ND	94	98	4.2	93	98	5.2	
Dichlorodifluoromethane	ND	98	93	5.2	84	83	1.2	
Ethylbenzene	ND	100	92	8.3	105	95	10.0	
Hexachlorobutadiene	ND	90	86	4.5	100	90	10.5	
Isopropylbenzene	ND	88	78	12.0	101	88	13.8	
m&p-Xylene	ND	101	93	8.2	106	96	9.9	
Methyl ethyl ketone	ND	67	86	24.8	70	78	10.8	
Methyl t-butyl ether (MTBE)	ND	103	104	1.0	98	96	2.1	
Methylene chloride	ND	85	88	3.5	84	83	1.2	
Naphthalene	ND	87	114	26.9	92	111	18.7	
n-Butylbenzene	ND	96	90	6.5	104	93	11.2	
n-Propylbenzene	ND	96	88	8.7	101	90	11.5	
o-Xylene	ND	99	90	9.5	100	94	6.2	
p-Isopropyltoluene	ND	96	89	7.6	101	90	11.5	
sec-Butylbenzene	ND	95	86	9.9	101	87	14.9	
Styrene	ND	99	94	5.2	103	99	4.0	
tert-Butylbenzene	ND	96	88	8.7	100	88	12.8	
Tetrachloroethene	ND	98	86	13.0	103	94	9.1	
Tetrahydrofuran (THF)	ND	74	95	24.9	76	89	15.8	
Toluene	ND	102	95	7.1	104	96	8.0	
trans-1,2-Dichloroethene	ND	89	93	4.4	90	90	0.0	
trans-1,3-Dichloropropene	ND	101	114	12.1	100	109	8.6	
trans-1,4-dichloro-2-butene	ND	83	112	29.7	84	97	14.4	
Trichloroethene	ND	103	93	10.2	104	93	11.2	
Trichlorofluoromethane	ND	102	93	9.2	<40	<40	NC	3
Trichlorotrifluoroethane	ND	92	90	2.2	94	86	8.9	
Vinyl chloride	ND	95	86	9.9	98	92	6.3	
% 1,2-dichlorobenzene-d4	105	97	104	7.0	96	97	1.0	
% Bromofluorobenzene	99	106	107	0.9	103	105	1.9	
% Dibromofluoromethane	96	92	96	4.3	96	100	4.1	
% Toluene-d8	97	101	100	1.0	105	101	3.9	

QA/QC Batch 161391, QC Sample No: AZ55326 (AZ55480, AZ55481, AZ55484)

Chlorinated Herbicides

2,4,5-T	ND	83	69	18.4			
2,4,5-TP (Silvex)	ND	55	68	21.1			
2,4-D	ND	82	100	19.8			
2,4-DB	ND	101	88	13.8			
Dalapon	ND	46	44	4.4			
Dicamba	ND	59	71	18.5			
Dichloroprop	ND	117	98	17.7			
Dinoseb	ND	18	17	5.7			
% DCAA (Surrogate Rec)	126	126	120	4.9			

QA/QC Batch 161893, QC Sample No: AZ55480 (AZ55480, AZ55481, AZ55482, AZ55484, AZ55485, AZ55487)

Volatiles

1,1,1,2-Tetrachloroethane	ND	112	105	6.5	87	86	1.2
1,1,1-Trichloroethane	ND	112	101	10.3	96	88	8.7
1,1,2,2-Tetrachloroethane	ND	72	72	0.0	89	92	3.3
1,1,2-Trichloroethane	ND	94	96	2.1	81	85	4.8
1,1-Dichloroethane	ND	105	97	7.9	94	73	25.1
1,1-Dichloroethene	ND	102	96	6.1	96	94	2.1

QA/QC Data

SDG I.D.: GAZ55480

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD	
1,1-Dichloropropene	ND	97	84	14.4	84	84	0.0	
1,2,3-Trichlorobenzene	ND	87	87	0.0	<40	<40	NC	3
1,2,3-Trichloropropane	ND	102	97	5.0	58	55	5.3	3
1,2,4-Trichlorobenzene	ND	83	82	1.2	<40	<40	NC	3
1,2,4-Trimethylbenzene	ND	102	91	11.4	55	61	10.3	3
1,2-Dibromo-3-chloropropane	ND	100	112	11.3	69	75	8.3	3
1,2-Dichlorobenzene	ND	95	88	7.7	52	56	7.4	3
1,2-Dichloroethane	ND	98	103	5.0	79	83	4.9	
1,2-Dichloropropane	ND	103	98	5.0	87	88	1.1	
1,3,5-Trimethylbenzene	ND	103	90	13.5	83	88	5.8	
1,3-Dichlorobenzene	ND	95	88	7.7	51	56	9.3	3
1,3-Dichloropropane	ND	103	104	1.0	81	78	3.8	
1,4-Dichlorobenzene	ND	93	86	7.8	47	50	6.2	3
2,2-Dichloropropane	ND	102	104	1.9	87	82	5.9	
2-Chlorotoluene	ND	105	91	14.3	78	80	2.5	
2-Hexanone	ND	77	84	8.7	56	53	5.5	
2-Isopropyltoluene	ND	102	88	14.7	84	93	10.2	
4-Chlorotoluene	ND	97	85	13.2	63	64	1.6	3
4-Methyl-2-pentanone	ND	86	100	15.1	75	81	7.7	
Acetone	ND	71	85	17.9	61	66	7.9	
Acrylonitrile	ND	80	100	22.2	72	65	10.2	
Benzene	ND	103	92	11.3	87	88	1.1	
Bromobenzene	ND	99	90	9.5	64	67	4.6	3
Bromochloromethane	ND	106	102	3.8	82	81	1.2	
Bromodichloromethane	ND	105	100	4.9	78	79	1.3	
Bromoform	ND	105	110	4.7	64	63	1.6	3
Bromomethane	ND	101	111	9.4	93	81	13.8	
Carbon Disulfide	ND	101	95	6.1	85	82	3.6	
Carbon tetrachloride	ND	114	104	9.2	88	88	0.0	
Chlorobenzene	ND	100	94	6.2	68	68	0.0	3
Chloroethane	ND	116	106	9.0	102	91	11.4	
Chloroform	ND	103	98	5.0	89	85	4.6	
Chloromethane	ND	98	87	11.9	86	96	11.0	
cis-1,2-Dichloroethene	ND	100	95	5.1	80	80	0.0	
cis-1,3-Dichloropropene	ND	98	100	2.0	69	71	2.9	3
Dibromochloromethane	ND	102	105	2.9	74	71	4.1	
Dibromoethane	ND	97	112	14.4	69	74	7.0	
Dibromomethane	ND	97	101	4.0	73	75	2.7	
Dichlorodifluoromethane	ND	111	103	7.5	85	95	11.1	
Ethylbenzene	ND	105	93	12.1	79	80	1.3	
Hexachlorobutadiene	ND	91	81	11.6	59	80	30.2	3
Isopropylbenzene	ND	98	82	17.8	94	99	5.2	
m&p-Xylene	ND	104	95	9.0	77	79	2.6	
Methyl ethyl ketone	ND	70	98	33.3	69	77	11.0	
Methyl t-butyl ether (MTBE)	ND	105	106	0.9	102	84	19.4	
Methylene chloride	ND	92	96	4.3	89	86	3.4	
Naphthalene	ND	98	114	15.1	<40	<40	NC	3
n-Butylbenzene	ND	97	88	9.7	59	68	14.2	3
n-Propylbenzene	ND	104	90	14.4	82	86	4.8	
o-Xylene	ND	102	93	9.2	80	81	1.2	
p-Isopropyltoluene	ND	102	89	13.6	75	82	8.9	
sec-Butylbenzene	ND	103	89	14.6	84	92	9.1	
Styrene	ND	102	97	5.0	58	59	1.7	3

QA/QC Data

SDG I.D.: GAZ55480

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD	
tert-Butylbenzene	ND	108	91	17.1	95	101	6.1	
Tetrachloroethene	ND	100	89	11.6	86	83	3.6	
Tetrahydrofuran (THF)	ND	82	109	28.3	89	95	6.5	
Toluene	ND	103	95	8.1	81	84	3.6	
trans-1,2-Dichloroethene	ND	97	100	3.0	91	73	22.0	
trans-1,3-Dichloropropene	ND	97	110	12.6	58	63	8.3	3
trans-1,4-dichloro-2-butene	ND	85	103	19.1	58	55	5.3	
Trichloroethene	ND	121	109	10.4	80	82	2.5	
Trichlorofluoromethane	ND	109	99	9.6	96	87	9.8	
Trichlorotrifluoroethane	ND	99	95	4.1	96	90	6.5	
Vinyl chloride	ND	107	96	10.8	91	94	3.2	
% 1,2-dichlorobenzene-d4	102	101	99	2.0	101	102	1.0	
% Bromofluorobenzene	96	100	103	3.0	95	90	5.4	
% Dibromofluoromethane	109	100	103	3.0	101	98	3.0	
% Toluene-d8	98	99	101	2.0	100	100	0.0	

QA/QC Batch 162255, QC Sample No: AZ55480 (AZ55480)

Volatiles

1,1,1,2-Tetrachloroethane	ND	112	105	6.5	87	86	1.2	
1,1,1-Trichloroethane	ND	112	101	10.3	96	88	8.7	
1,1,2,2-Tetrachloroethane	ND	72	72	0.0	89	92	3.3	
1,1,2-Trichloroethane	ND	94	96	2.1	81	85	4.8	
1,1-Dichloroethane	ND	105	97	7.9	94	73	25.1	
1,1-Dichloroethene	ND	102	96	6.1	96	94	2.1	
1,1-Dichloropropene	ND	97	84	14.4	84	84	0.0	
1,2,3-Trichlorobenzene	ND	87	87	0.0	<40	<40	NC	3
1,2,3-Trichloropropane	ND	102	97	5.0	58	55	5.3	3
1,2,4-Trichlorobenzene	ND	83	82	1.2	<40	<40	NC	3
1,2,4-Trimethylbenzene	ND	102	91	11.4	55	61	10.3	3
1,2-Dibromo-3-chloropropane	ND	100	112	11.3	69	75	8.3	3
1,2-Dichlorobenzene	ND	95	88	7.7	52	56	7.4	3
1,2-Dichloroethane	ND	98	103	5.0	79	83	4.9	
1,2-Dichloropropane	ND	103	98	5.0	87	88	1.1	
1,3,5-Trimethylbenzene	ND	103	90	13.5	83	88	5.8	
1,3-Dichlorobenzene	ND	95	88	7.7	51	56	9.3	3
1,3-Dichloropropane	ND	103	104	1.0	81	78	3.8	
1,4-Dichlorobenzene	ND	93	86	7.8	47	50	6.2	3
2,2-Dichloropropane	ND	102	104	1.9	87	82	5.9	
2-Chlorotoluene	ND	105	91	14.3	78	80	2.5	
2-Hexanone	ND	77	84	8.7	56	53	5.5	
2-Isopropyltoluene	ND	102	88	14.7	84	93	10.2	
4-Chlorotoluene	ND	97	85	13.2	63	64	1.6	3
4-Methyl-2-pentanone	ND	86	100	15.1	75	81	7.7	
Acetone	ND	71	85	17.9	61	66	7.9	
Acrylonitrile	ND	80	100	22.2	72	65	10.2	
Benzene	ND	103	92	11.3	87	88	1.1	
Bromobenzene	ND	99	90	9.5	64	67	4.6	3
Bromochloromethane	ND	106	102	3.8	82	81	1.2	
Bromodichloromethane	ND	105	100	4.9	78	79	1.3	
Bromoform	ND	105	110	4.7	64	63	1.6	3
Bromomethane	ND	101	111	9.4	93	81	13.8	
Carbon Disulfide	ND	101	95	6.1	85	82	3.6	
Carbon tetrachloride	ND	114	104	9.2	88	88	0.0	

QA/QC Data

SDG I.D.: GAZ55480

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD	
Chlorobenzene	ND	100	94	6.2	68	68	0.0	3
Chloroethane	ND	116	106	9.0	102	91	11.4	
Chloroform	ND	103	98	5.0	89	85	4.6	
Chloromethane	ND	98	87	11.9	86	96	11.0	
cis-1,2-Dichloroethene	ND	100	95	5.1	80	80	0.0	
cis-1,3-Dichloropropene	ND	98	100	2.0	69	71	2.9	3
Dibromochloromethane	ND	102	105	2.9	74	71	4.1	
Dibromoethane	ND	97	112	14.4	69	74	7.0	
Dibromomethane	ND	97	101	4.0	73	75	2.7	
Dichlorodifluoromethane	ND	111	103	7.5	85	95	11.1	
Ethylbenzene	ND	105	93	12.1	79	80	1.3	
Hexachlorobutadiene	ND	91	81	11.6	59	80	30.2	3
Isopropylbenzene	ND	98	82	17.8	94	99	5.2	
m&p-Xylene	ND	104	95	9.0	77	79	2.6	
Methyl ethyl ketone	ND	70	98	33.3	69	77	11.0	
Methyl t-butyl ether (MTBE)	ND	105	106	0.9	102	84	19.4	
Methylene chloride	ND	92	96	4.3	89	86	3.4	
Naphthalene	ND	98	114	15.1	<40	<40	NC	3
n-Butylbenzene	ND	97	88	9.7	59	68	14.2	3
n-Propylbenzene	ND	104	90	14.4	82	86	4.8	
o-Xylene	ND	102	93	9.2	80	81	1.2	
p-Isopropyltoluene	ND	102	89	13.6	75	82	8.9	
sec-Butylbenzene	ND	103	89	14.6	84	92	9.1	
Styrene	ND	102	97	5.0	58	59	1.7	3
tert-Butylbenzene	ND	108	91	17.1	95	101	6.1	
Tetrachloroethene	ND	100	89	11.6	86	83	3.6	
Tetrahydrofuran (THF)	ND	82	109	28.3	89	95	6.5	
Toluene	ND	103	95	8.1	81	84	3.6	
trans-1,2-Dichloroethene	ND	97	100	3.0	91	73	22.0	
trans-1,3-Dichloropropene	ND	97	110	12.6	58	63	8.3	3
trans-1,4-dichloro-2-butene	ND	85	103	19.1	58	55	5.3	
Trichloroethene	ND	121	109	10.4	80	82	2.5	
Trichlorofluoromethane	ND	109	99	9.6	96	87	9.8	
Trichlorotrifluoroethane	ND	99	95	4.1	96	90	6.5	
Vinyl chloride	ND	107	96	10.8	91	94	3.2	
% 1,2-dichlorobenzene-d4	102	101	99	2.0	101	102	1.0	
% Bromofluorobenzene	96	100	103	3.0	95	90	5.4	
% Dibromofluoromethane	109	100	103	3.0	101	98	3.0	
% Toluene-d8	98	99	101	2.0	100	100	0.0	

QA/QC Batch 161369, QC Sample No: AZ55482 (AZ55480, AZ55481, AZ55482, AZ55484, AZ55485)

Polychlorinated Biphenyls

PCB-1016	ND	89	96	7.6	103	98	5.0
PCB-1221	ND						
PCB-1232	ND						
PCB-1242	ND						
PCB-1248	ND						
PCB-1254	ND						
PCB-1260	ND	99	100	1.0	119	110	7.9
PCB-1262	ND						
PCB-1268	ND						
% DCBP (Surrogate Rec)	92	98	99	1.0	101	100	1.0
% TCMX (Surrogate Rec)	80	71	75	5.5	78	75	3.9

QA/QC Data

SDG I.D.: GAZ55480

QA/QC Batch 161371, QC Sample No: AZ55485 (AZ55480, AZ55481, AZ55482, AZ55485)

Semivolatiles

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD	
1,2,4,5-Tetrachlorobenzene	ND	61	57	6.8	96	65	38.5	
1,2,4-Trichlorobenzene	ND	57	54	5.4	85	60	34.5	
1,2-Dichlorobenzene	ND	59	55	7.0	83	64	25.9	
1,3-Dichlorobenzene	ND	57	53	7.3	80	61	27.0	
1,4-Dichlorobenzene	ND	58	55	5.3	81	63	25.0	
2,4,5-Trichlorophenol	ND	63	56	11.8	112	77	37.0	
2,4,6-Trichlorophenol	ND	57	55	3.6	93	65	35.4	
2,4-Dichlorophenol	ND	61	56	8.5	97	68	35.2	
2,4-Dimethylphenol	ND	33	33	0.0	61	43	34.6	
2,4-Dinitrophenol	ND	<5	18	NC	10	NC	NC	
2,4-Dinitrotoluene	ND	62	57	8.4	98	66	39.0	
2,6-Dinitrotoluene	ND	60	56	6.9	94	62	41.0	
2-Chloronaphthalene	ND	60	59	1.7	90	65	32.3	
2-Chlorophenol	ND	54	51	5.7	84	60	33.3	
2-Methylnaphthalene	ND	60	57	5.1	92	65	34.4	
2-Methylphenol (o-cresol)	ND	50	47	6.2	104	66	44.7	
2-Nitroaniline	ND	123	110	11.2	NC	NC	NC	
2-Nitrophenol	ND	54	54	0.0	90	55	48.3	
3&4-Methylphenol (m&p-cresol)	ND	58	53	9.0	90	65	32.3	
3,3'-Dichlorobenzidine	ND	N/A	N/A	NC	N/A	N/A	NC	
3-Nitroaniline	ND	99	91	8.4	NC	96	NC	
4,6-Dinitro-2-methylphenol	ND	18	51	95.7	89	5.0	178.7	3
4-Bromophenyl phenyl ether	ND	61	59	3.3	91	62	37.9	
4-Chloro-3-methylphenol	ND	60	57	5.1	99	71	32.9	
4-Chloroaniline	ND	58	57	1.7	78	54	36.4	
4-Chlorophenyl phenyl ether	ND	62	59	5.0	100	70	35.3	
4-Nitroaniline	ND	64	58	9.8	93	64	36.9	
4-Nitrophenol	ND	66	42	44.4	106	70	40.9	
Acenaphthene	ND	66	62	6.3	101	71	34.9	
Acenaphthylene	ND	60	59	1.7	92	65	34.4	
Acetophenone	ND	60	56	6.9	90	65	32.3	
Aniline	ND	N/A	N/A	NC	N/A	N/A	NC	
Anthracene	ND	66	63	4.7	102	72	34.5	
Azobenzene	ND	61	57	6.8	93	65	35.4	
Benz(a)anthracene	ND	70	67	4.4	107	76	33.9	
Benzidine	ND	N/A	N/A	NC	N/A	N/A	NC	
Benzo(a)pyrene	ND	64	63	1.6	99	70	34.3	
Benzo(b)fluoranthene	ND	65	65	0.0	98	72	30.6	
Benzo(ghi)perylene	ND	66	64	3.1	117	58	67.4	
Benzo(k)fluoranthene	ND	67	65	3.0	91	71	24.7	
Benzoic acid	ND	N/A	N/A	NC	N/A	N/A	NC	
Benzyl butyl phthalate	ND	65	63	3.1	108	79	31.0	
Bis(2-chloroethoxy)methane	ND	58	56	3.5	89	63	34.2	
Bis(2-chloroethyl)ether	ND	56	53	5.5	83	61	30.6	
Bis(2-chloroisopropyl)ether	ND	60	54	10.5	77	55	33.3	
Bis(2-ethylhexyl)phthalate	ND	63	60	4.9	101	71	34.9	
Carbazole	ND	82	80	2.5	NC	89	NC	
Chrysene	ND	67	63	6.2	102	72	34.5	
Dibenz(a,h)anthracene	ND	67	64	4.6	121	70	53.4	
Dibenzofuran	ND	61	58	5.0	95	67	34.6	

QA/QC Data

SDG I.D.: GAZ55480

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
Diethyl phthalate	ND	62	58	6.7	95	69	31.7
Dimethylphthalate	ND	62	60	3.3	93	68	31.1
Di-n-butylphthalate	ND	61	59	3.3	94	66	35.0
Di-n-octylphthalate	ND	62	57	8.4	93	69	29.6
Fluoranthene	ND	65	66	1.5	107	66	47.4
Fluorene	ND	68	63	7.6	106	76	33.0
Hexachlorobenzene	ND	59	59	0.0	85	63	29.7
Hexachlorobutadiene	ND	58	55	5.3	89	62	35.8
Hexachlorocyclopentadiene	ND	47	40	16.1	36	NC	NC
Hexachloroethane	ND	56	54	3.6	78	46	51.6
Indeno(1,2,3-cd)pyrene	ND	66	63	4.7	119	67	55.9
Isophorone	ND	56	53	5.5	83	59	33.8
Naphthalene	ND	61	58	5.0	92	66	32.9
Nitrobenzene	ND	57	54	5.4	83	61	30.6
N-Nitrosodimethylamine	ND	50	47	6.2	71	52	30.9
N-Nitrosodi-n-propylamine	ND	59	54	8.8	85	59	36.1
N-Nitrosodiphenylamine	ND	71	65	8.8	109	81	29.5
Pentachloronitrobenzene	ND	62	61	1.6	95	61	43.6
Pentachlorophenol	ND	31	42	30.1	128	74	53.5
Phenanthrene	ND	63	61	3.2	96	68	34.1
Phenol	ND	56	53	5.5	88	62	34.7
Pyrene	ND	68	70	2.9	109	65	50.6
Pyridine	ND	6.2	6.5	4.7	8.7	7.3	17.5
% 2,4,6-Tribromophenol	68	60	56	6.9	87	62	33.6
% 2-Fluorobiphenyl	66	56	55	1.8	84	58	36.6
% 2-Fluorophenol	63	56	52	7.4	86	62	32.4
% Nitrobenzene-d5	64	55	52	5.6	81	58	33.1
% Phenol-d5	64	57	53	7.3	86	61	34.0
% Terphenyl-d14	58	54	58	7.1	86	49	54.8

QA/QC Batch 161372, QC Sample No: AZ55538 (AZ55480, AZ55481, AZ55482, AZ55484, AZ55485)

TPH by GC (Extractable Products)

Ext. Petroleum HC	ND	61	66	7.9	110	106	3.7
% n-Pentacosane	50	67	66	1.5	98	96	2.1

3 = This parameter is outside laboratory ms/msd specified limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria

Phyllis Shiller, Laboratory Director
October 07, 2010

Thursday, October 07, 2010

Requested Criteria: GAM, RC

Sample Criteria Exceedences Report

GAZ55480

SampNo	LocCode	Acode	Phoenix Analyte	Criteria Units	ST	State Category	Criteria Name	Result	RL	Factored Criteria	Factored RL Criteria	Analysis Units
AZ55480	DTECHDAS	SPLP-PB	SPLP Lead	mg/l	CT	Inorganic Substances	GA/GAA PMC (mg/l)**	0.031	0.010	0.015	0.015	mg/L

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

PHOENIX Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: service@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Temp 6°C Pg 1 of 1

Data Delivery:
☐ Fax #:
☑ Email: joy.kloss@teamdtc.com

Customer: Diversified Technology Consultants
Address: 2321 Whitney Ave
Hamden, CT

Project: Conn DOT Westbrook SLE Station
Report to: Joy Kloss
Invoice to: DTC - DAS Contract/ESP Form

Project P.O: 0000077455
Phone #: 203-239-4200
Fax #:

Client Sample - Information - Identification

Sampler's Signature: Joy P Kloss Date 9-16-10

Matrix Code:
DW=drinking water WW=wastewater S=soil/solid O=other
GW=groundwater SL=sludge A=air

Analysis Request

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	VOCs 8260	SVOCs 8270	ETPH	PCBs 8082	RCRA 8 Metals	Pesticides & Herbicides						Soil VOA [ ] Methanol [ ] S. Bisulfate [ ] H20	GL Soil container ( ) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 1250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 1250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
55480	RR-37 (0.33-2.5)	S	9-14-10	1152	X	X	X	X	X	X						3	1								
55481	RR-36 (0.33-2.7)	S	9-15-10	1545	X	X	X	X	X	X						3	1								
55482	RR-36 (5-6)	S	↓	1555	X	X	X	X	X							3	1								
55483	RR-36 (7-8)*	S	↓	1600												3	1								
55484	RR-35 (0.25-1)	S	9-16-10	1220	X		X	X	X	X						3	1								
55485	RR-35 (5-5.6)	S	↓	1225	X	X	X	X	X							3	1								
55486	RR-35 (7-8)*	S	↓	1230												3	1								
55487	Trip Blank (L)	O			X											3									
55488	TB (H)																								

Relinquished by:	Accepted by:	Date:	Time:
Joy P Kloss	[illegible]	9/16/10	2:40
[illegible]	[illegible]	9.16.10	17:52

Comments, Special Requirements or Regulations:
* Please Hold Samples

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☑ Standard
☐ Other
5-DAY
* SURCHARGE APPLIES

CT/RI
☑ RCP Cert.
☐ GW Protect.
☑ GA Mobility
☐ GB Mobility
☐ SW Protect.
☐ Res. Vol.
☐ Ind. Vol.
☑ Res. Criteria
☐ Other

MA
☐ MCP Cert.
☐ GW-1
☐ GW-2
☐ GW-3
☐ S-1
☐ S-2
☐ S-3
☐ MWRA eSMART
☐ Other

Data Format
☐ Excel
☐ PDF
☐ GIS/Key
☐ EQuIS
☐ Other

Data Package
☐ ASP-A
☐ NJ Reduced Deliv. *
☐ NJ Hazsite EDD
☐ Phoenix Std Report
☐ Other

State where samples were collected: CT

Linda - Phoenixlabs

From: Kloss, Joy [joy.kloss@teamdtc.com]
Sent: Monday, September 27, 2010 4:45 PM
To: Linda - Phoenixlabs
Subject: Westbrook SLE - Additional analysis

Can you please analyze sample AZ55480 - RR-37 (0.33-2.5) for SPLP and TCLP Pb? Call me on my cell phone if you have any questions.

Thanks,

Joy P. Kloss
Sr. Environmental Scientist
Diversified Technology Consultants, Inc.
2321 Whitney Avenue
Suite 301
Hamden, CT 06518
ph (203) 239-4200
cell (203) 640-0965
fax (203) 234-7376

PHOENIX
Environmental Laboratories, Inc.

Monday, September 27, 2010

Attn: Mr. Chris Koelle
Diversified Tech. Consultants
2321 Whitney Avenue 3rd floor
Hamden Center II
Hamden CT 06518

Project ID: CONN DOT WESTBROOK SLE STATION
Sample ID#s: AZ55910 - AZ55920

This laboratory is in compliance with the QA/QC procedures outlined in EPA 600/4-79-019, Handbook for Analytical Quality in Water and Waste Water, March 1979, SW846 QA/QC and NELAC requirements of procedures used.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Telephone (860) 645-1102 Fax (860) 645-0823

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

September 27, 2010

FOR: Attn: Mr. Chris Koelle
Diversified Tech. Consultants
2321 Whitney Avenue 3rd floor
Hamden Center II
Hamden CT 06518

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		09/16/10	12:55
Location Code:	DTECHDAS	Received by:	SW	09/17/10	16:11
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GAZ55910
Phoenix ID: AZ55910

Project ID: CONN DOT WESTBROOK SLE STATION

Client ID: RR-35 (15-16.5)

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.40	0.40	mg/Kg	09/19/10		EK	SW6010
Arsenic	< 0.8	0.8	mg/Kg	09/19/10		EK	SW6010
Barium	44.1	0.40	mg/Kg	09/19/10		EK	SW6010
Cadmium	< 0.40	0.40	mg/Kg	09/19/10		EK	SW6010
Chromium	8.91	0.40	mg/Kg	09/19/10		EK	SW6010
Mercury	< 0.07	0.07	mg/Kg	09/22/10		RS	SW-7471
Lead	1.04	0.40	mg/Kg	09/20/10		LK	SW6010
Selenium	< 1.6	1.6	mg/Kg	09/19/10		EK	SW6010
Percent Solid	89		%	09/17/10		JL	E160.3
Soil Extraction for PCB	Completed			09/17/10		SB/F	SW3545
Soil Extraction for SVOA	Completed			09/17/10		SS/F	SW3545
Extraction of CT ETPH	Completed			09/17/10		SS/F	3545
Mercury Digestion	Completed			09/20/10		X	SW7471
Total Metals Digest	Completed			09/17/10		C/AG	SW846 - 3050
Field Extraction	Completed			09/16/10		DETC	SW5035
Volatiles							
1,1,1,2-Tetrachloroethane	ND	8.5	ug/Kg	09/18/10		R/L	SW8260
1,1,1-Trichloroethane	ND	8.5	ug/Kg	09/18/10		R/L	SW8260
1,1,2,2-Tetrachloroethane	ND	5.1	ug/Kg	09/18/10		R/L	SW8260
1,1,2-Trichloroethane	ND	8.5	ug/Kg	09/18/10		R/L	SW8260
1,1-Dichloroethane	ND	8.5	ug/Kg	09/18/10		R/L	SW8260
1,1-Dichloroethene	ND	8.5	ug/Kg	09/18/10		R/L	SW8260
1,1-Dichloropropene	ND	8.5	ug/Kg	09/18/10		R/L	SW8260
1,2,3-Trichlorobenzene	ND	8.5	ug/Kg	09/18/10		R/L	SW8260
1,2,3-Trichloropropane	ND	8.5	ug/Kg	09/18/10		R/L	SW8260
1,2,4-Trichlorobenzene	ND	8.5	ug/Kg	09/18/10		R/L	SW8260
1,2,4-Trimethylbenzene	ND	8.5	ug/Kg	09/18/10		R/L	SW8260

Project ID: CONN DOT WESTBROOK SLE STATION **Phoenix I.D.:** AZ55910
Client ID: RR-35 (15-16.5)

Parameter	Result	RL	Units	Date	Time	By	Reference
1,2-Dibromo-3-chloropropane	ND	8.5	ug/Kg	09/18/10		R/L	SW8260
1,2-Dichlorobenzene	ND	8.5	ug/Kg	09/18/10		R/L	SW8260
1,2-Dichloroethane	ND	8.5	ug/Kg	09/18/10		R/L	SW8260
1,2-Dichloropropane	ND	8.5	ug/Kg	09/18/10		R/L	SW8260
1,3,5-Trimethylbenzene	ND	8.5	ug/Kg	09/18/10		R/L	SW8260
1,3-Dichlorobenzene	ND	8.5	ug/Kg	09/18/10		R/L	SW8260
1,3-Dichloropropane	ND	8.5	ug/Kg	09/18/10		R/L	SW8260
1,4-Dichlorobenzene	ND	8.5	ug/Kg	09/18/10		R/L	SW8260
2,2-Dichloropropane	ND	8.5	ug/Kg	09/18/10		R/L	SW8260
2-Chlorotoluene	ND	8.5	ug/Kg	09/18/10		R/L	SW8260
2-Hexanone	ND	43	ug/Kg	09/18/10		R/L	SW8260
2-Isopropyltoluene	ND	8.5	ug/Kg	09/18/10		R/L	SW8260
4-Chlorotoluene	ND	8.5	ug/Kg	09/18/10		R/L	SW8260
4-Methyl-2-pentanone	ND	43	ug/Kg	09/18/10		R/L	SW8260
Acetone	ND	170	ug/Kg	09/18/10		R/L	SW8260
Acrylonitrile	ND	8.5	ug/Kg	09/18/10		R/L	SW8260
Benzene	ND	8.5	ug/Kg	09/18/10		R/L	SW8260
Bromobenzene	ND	8.5	ug/Kg	09/18/10		R/L	SW8260
Bromochloromethane	ND	8.5	ug/Kg	09/18/10		R/L	SW8260
Bromodichloromethane	ND	8.5	ug/Kg	09/18/10		R/L	SW8260
Bromoform	ND	8.5	ug/Kg	09/18/10		R/L	SW8260
Bromomethane	ND	8.5	ug/Kg	09/18/10		R/L	SW8260
Carbon Disulfide	ND	8.5	ug/Kg	09/18/10		R/L	SW8260
Carbon tetrachloride	ND	8.5	ug/Kg	09/18/10		R/L	SW8260
Chlorobenzene	ND	8.5	ug/Kg	09/18/10		R/L	SW8260
Chloroethane	ND	8.5	ug/Kg	09/18/10		R/L	SW8260
Chloroform	ND	8.5	ug/Kg	09/18/10		R/L	SW8260
Chloromethane	ND	8.5	ug/Kg	09/18/10		R/L	SW8260
cis-1,2-Dichloroethene	ND	8.5	ug/Kg	09/18/10		R/L	SW8260
cis-1,3-Dichloropropene	ND	8.5	ug/Kg	09/18/10		R/L	SW8260
Dibromochloromethane	ND	5.1	ug/Kg	09/18/10		R/L	SW8260
Dibromoethane	ND	7	ug/Kg	09/18/10		R/L	SW8260
Dibromomethane	ND	8.5	ug/Kg	09/18/10		R/L	SW8260
Dichlorodifluoromethane	ND	8.5	ug/Kg	09/18/10		R/L	SW8260
Ethylbenzene	ND	8.5	ug/Kg	09/18/10		R/L	SW8260
Hexachlorobutadiene	ND	8.5	ug/Kg	09/18/10		R/L	SW8260
Isopropylbenzene	ND	8.5	ug/Kg	09/18/10		R/L	SW8260
m&p-Xylene	ND	8.5	ug/Kg	09/18/10		R/L	SW8260
Methyl Ethyl Ketone	ND	51	ug/Kg	09/18/10		R/L	SW8260
Methyl t-butyl ether (MTBE)	ND	17	ug/Kg	09/18/10		R/L	SW8260
Methylene chloride	ND	8.5	ug/Kg	09/18/10		R/L	SW8260
Naphthalene	ND	8.5	ug/Kg	09/18/10		R/L	SW8260
n-Butylbenzene	ND	8.5	ug/Kg	09/18/10		R/L	SW8260
n-Propylbenzene	ND	8.5	ug/Kg	09/18/10		R/L	SW8260
o-Xylene	ND	8.5	ug/Kg	09/18/10		R/L	SW8260
p-Isopropyltoluene	ND	8.5	ug/Kg	09/18/10		R/L	SW8260
sec-Butylbenzene	ND	8.5	ug/Kg	09/18/10		R/L	SW8260
Styrene	ND	8.5	ug/Kg	09/18/10		R/L	SW8260
tert-Butylbenzene	ND	8.5	ug/Kg	09/18/10		R/L	SW8260
Tetrachloroethene	ND	8.5	ug/Kg	09/18/10		R/L	SW8260

Project ID: CONN DOT WESTBROOK SLE STATION **Phoenix I.D.:** AZ55910
Client ID: RR-35 (15-16.5)

Parameter	Result	RL	Units	Date	Time	By	Reference
Tetrahydrofuran (THF)	ND	17	ug/Kg	09/18/10		R/L	SW8260
Toluene	ND	8.5	ug/Kg	09/18/10		R/L	SW8260
Total Xylenes	ND	8.5	ug/Kg	09/18/10		R/L	SW8260
trans-1,2-Dichloroethene	ND	8.5	ug/Kg	09/18/10		R/L	SW8260
trans-1,3-Dichloropropene	ND	8.5	ug/Kg	09/18/10		R/L	SW8260
trans-1,4-dichloro-2-butene	ND	17	ug/Kg	09/18/10		R/L	SW8260
Trichloroethene	ND	8.5	ug/Kg	09/18/10		R/L	SW8260
Trichlorofluoromethane	ND	8.5	ug/Kg	09/18/10		R/L	SW8260
Trichlorotrifluoroethane	ND	8.5	ug/Kg	09/18/10		R/L	SW8260
Vinyl chloride	ND	8.5	ug/Kg	09/18/10		R/L	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	97		%	09/18/10		R/L	SW8260
% Bromofluorobenzene	93		%	09/18/10		R/L	SW8260
% Dibromofluoromethane	101		%	09/18/10		R/L	SW8260
% Toluene-d8	97		%	09/18/10		R/L	SW8260
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	260	ug/Kg	09/18/10		HM	SW 8270
1,2,4-Trichlorobenzene	ND	260	ug/Kg	09/18/10		HM	SW 8270
1,2-Dichlorobenzene	ND	260	ug/Kg	09/18/10		HM	SW 8270
1,3-Dichlorobenzene	ND	260	ug/Kg	09/18/10		HM	SW 8270
1,4-Dichlorobenzene	ND	260	ug/Kg	09/18/10		HM	SW 8270
2,4,5-Trichlorophenol	ND	260	ug/Kg	09/18/10		HM	SW 8270
2,4,6-Trichlorophenol	ND	260	ug/Kg	09/18/10		HM	SW 8270
2,4-Dichlorophenol	ND	260	ug/Kg	09/18/10		HM	SW 8270
2,4-Dimethylphenol	ND	260	ug/Kg	09/18/10		HM	SW 8270
2,4-Dinitrophenol	ND	590	ug/Kg	09/18/10		HM	SW 8270
2,4-Dinitrotoluene	ND	260	ug/Kg	09/18/10		HM	SW 8270
2,6-Dinitrotoluene	ND	260	ug/Kg	09/18/10		HM	SW 8270
2-Chloronaphthalene	ND	260	ug/Kg	09/18/10		HM	SW 8270
2-Chlorophenol	ND	260	ug/Kg	09/18/10		HM	SW 8270
2-Methylnaphthalene	ND	260	ug/Kg	09/18/10		HM	SW 8270
2-Methylphenol (o-cresol)	ND	260	ug/Kg	09/18/10		HM	SW 8270
2-Nitroaniline	ND	590	ug/Kg	09/18/10		HM	SW 8270
2-Nitrophenol	ND	260	ug/Kg	09/18/10		HM	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	370	ug/Kg	09/18/10		HM	SW 8270
3,3'-Dichlorobenzidine	ND	440	ug/Kg	09/18/10		HM	SW 8270
3-Nitroaniline	ND	590	ug/Kg	09/18/10		HM	SW 8270
4,6-Dinitro-2-methylphenol	ND	1100	ug/Kg	09/18/10		HM	SW 8270
4-Bromophenyl phenyl ether	ND	370	ug/Kg	09/18/10		HM	SW 8270
4-Chloro-3-methylphenol	ND	260	ug/Kg	09/18/10		HM	SW 8270
4-Chloroaniline	ND	260	ug/Kg	09/18/10		HM	SW 8270
4-Chlorophenyl phenyl ether	ND	260	ug/Kg	09/18/10		HM	SW 8270
4-Nitroaniline	ND	590	ug/Kg	09/18/10		HM	SW 8270
4-Nitrophenol	ND	1100	ug/Kg	09/18/10		HM	SW 8270
Acenaphthene	ND	260	ug/Kg	09/18/10		HM	SW 8270
Acenaphthylene	ND	260	ug/Kg	09/18/10		HM	SW 8270
Acetophenone	ND	260	ug/Kg	09/18/10		HM	SW 8270
Aniline	ND	1100	ug/Kg	09/18/10		HM	SW 8270
Anthracene	ND	260	ug/Kg	09/18/10		HM	SW 8270

Project ID: CONN DOT WESTBROOK SLE STATION
Client ID: RR-35 (15-16.5)

Phoenix I.D.: AZ55910

Parameter	Result	RL	Units	Date	Time	By	Reference
Azobenzene	ND	370	ug/Kg	09/18/10		HM	SW 8270
Benz(a)anthracene	ND	260	ug/Kg	09/18/10		HM	SW 8270
Benzidine	ND	440	ug/Kg	09/18/10		HM	SW 8270
Benzo(a)pyrene	ND	260	ug/Kg	09/18/10		HM	SW 8270
Benzo(b)fluoranthene	ND	260	ug/Kg	09/18/10		HM	SW 8270
Benzo(ghi)perylene	ND	260	ug/Kg	09/18/10		HM	SW 8270
Benzo(k)fluoranthene	ND	260	ug/Kg	09/18/10		HM	SW 8270
Benzoic acid	ND	1100	ug/Kg	09/18/10		HM	SW 8270
Benzyl butyl phthalate	ND	260	ug/Kg	09/18/10		HM	SW 8270
Bis(2-chloroethoxy)methane	ND	260	ug/Kg	09/18/10		HM	SW 8270
Bis(2-chloroethyl)ether	ND	370	ug/Kg	09/18/10		HM	SW 8270
Bis(2-chloroisopropyl)ether	ND	260	ug/Kg	09/18/10		HM	SW 8270
Bis(2-ethylhexyl)phthalate	ND	260	ug/Kg	09/18/10		HM	SW 8270
Carbazole	ND	1100	ug/Kg	09/18/10		HM	SW 8270
Chrysene	ND	260	ug/Kg	09/18/10		HM	SW 8270
Dibenz(a,h)anthracene	ND	260	ug/Kg	09/18/10		HM	SW 8270
Dibenzofuran	ND	260	ug/Kg	09/18/10		HM	SW 8270
Diethyl phthalate	ND	260	ug/Kg	09/18/10		HM	SW 8270
Dimethylphthalate	ND	260	ug/Kg	09/18/10		HM	SW 8270
Di-n-butylphthalate	ND	260	ug/Kg	09/18/10		HM	SW 8270
Di-n-octylphthalate	ND	260	ug/Kg	09/18/10		HM	SW 8270
Fluoranthene	ND	260	ug/Kg	09/18/10		HM	SW 8270
Fluorene	ND	260	ug/Kg	09/18/10		HM	SW 8270
Hexachlorobenzene	ND	260	ug/Kg	09/18/10		HM	SW 8270
Hexachlorobutadiene	ND	260	ug/Kg	09/18/10		HM	SW 8270
Hexachlorocyclopentadiene	ND	260	ug/Kg	09/18/10		HM	SW 8270
Hexachloroethane	ND	260	ug/Kg	09/18/10		HM	SW 8270
Indeno(1,2,3-cd)pyrene	ND	260	ug/Kg	09/18/10		HM	SW 8270
Isophorone	ND	260	ug/Kg	09/18/10		HM	SW 8270
Naphthalene	ND	260	ug/Kg	09/18/10		HM	SW 8270
Nitrobenzene	ND	260	ug/Kg	09/18/10		HM	SW 8270
N-Nitrosodimethylamine	ND	370	ug/Kg	09/18/10		HM	SW 8270
N-Nitrosodi-n-propylamine	ND	260	ug/Kg	09/18/10		HM	SW 8270
N-Nitrosodiphenylamine	ND	370	ug/Kg	09/18/10		HM	SW 8270
Pentachloronitrobenzene	ND	370	ug/Kg	09/18/10		HM	SW 8270
Pentachlorophenol	ND	370	ug/Kg	09/18/10		HM	SW 8270
Phenanthrene	ND	260	ug/Kg	09/18/10		HM	SW 8270
Phenol	ND	260	ug/Kg	09/18/10		HM	SW 8270
Pyrene	ND	260	ug/Kg	09/18/10		HM	SW 8270
Pyridine	ND	370	ug/Kg	09/18/10		HM	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	114		%	09/18/10		HM	SW 8270
% 2-Fluorobiphenyl	84		%	09/18/10		HM	SW 8270
% 2-Fluorophenol	82		%	09/18/10		HM	SW 8270
% Nitrobenzene-d5	77		%	09/18/10		HM	SW 8270
% Phenol-d5	82		%	09/18/10		HM	SW 8270
% Terphenyl-d14	80		%	09/18/10		HM	SW 8270
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	11	mg/Kg	09/20/10		JRB	CT ETPH/8015

Project ID: CONN DOT WESTBROOK SLE STATION
Client ID: RR-35 (15-16.5)

Phoenix I.D.: AZ55910

Parameter	Result	RL	Units	Date	Time	By	Reference
Identification	ND		mg/Kg	09/20/10		JRB	CT ETPH/8015
QA/QC Surrogates							
% n-Pentacosane	74		%	09/20/10		JRB	CT ETPH/8015
Polychlorinated Biphenyls							
PCB-1016	ND	370	ug/Kg	09/20/10		MH	SW 8082
PCB-1221	ND	370	ug/Kg	09/20/10		MH	SW 8082
PCB-1232	ND	370	ug/Kg	09/20/10		MH	SW 8082
PCB-1242	ND	370	ug/Kg	09/20/10		MH	SW 8082
PCB-1248	ND	370	ug/Kg	09/20/10		MH	SW 8082
PCB-1254	ND	370	ug/Kg	09/20/10		MH	SW 8082
PCB-1260	ND	370	ug/Kg	09/20/10		MH	SW 8082
PCB-1262	ND	370	ug/Kg	09/20/10		MH	SW 8082
PCB-1268	ND	370	ug/Kg	09/20/10		MH	SW 8082
QA/QC Surrogates							
% DCBP	89		%	09/20/10		MH	SW 8082
% TCMX	80		%	09/20/10		MH	SW 8082

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller

Phyllis Shiller, Laboratory Director
September 28, 2010

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

September 27, 2010

FOR: Attn: Mr. Chris Koelle
Diversified Tech. Consultants
2321 Whitney Avenue 3rd floor
Hamden Center II
Hamden CT 06518

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		09/16/10	8:20
Location Code:	DTECHDAS	Received by:	SW	09/17/10	16:11
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GAZ55910
Phoenix ID: AZ55911

Project ID: CONN DOT WESTBROOK SLE STATION

Client ID: RR-36 (10-11.5)

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.35	0.35	mg/Kg	09/19/10		EK	SW6010
Arsenic	< 0.7	0.7	mg/Kg	09/19/10		EK	SW6010
Barium	11.4	0.35	mg/Kg	09/19/10		EK	SW6010
Cadmium	< 0.35	0.35	mg/Kg	09/19/10		EK	SW6010
Chromium	2.03	0.35	mg/Kg	09/19/10		EK	SW6010
Mercury	< 0.06	0.06	mg/Kg	09/22/10		RS	SW-7471
Lead	1.06	0.35	mg/Kg	09/20/10		LK	SW6010
Selenium	< 1.4	1.4	mg/Kg	09/19/10		EK	SW6010
Percent Solid	97		%	09/17/10		JL	E160.3
Soil Extraction for PCB	Completed			09/17/10		SB/F	SW3545
Soil Extraction for SVOA	Completed			09/17/10		SS/F	SW3545
Extraction of CT ETPH	Completed			09/17/10		SS/F	3545
Mercury Digestion	Completed			09/20/10		X	SW7471
Total Metals Digest	Completed			09/17/10		C/AG	SW846 - 3050
Field Extraction	Completed			09/16/10		DETC	SW5035
Volatiles							
1,1,1,2-Tetrachloroethane	ND	4.3	ug/Kg	09/18/10		R/L	SW8260
1,1,1-Trichloroethane	ND	4.3	ug/Kg	09/18/10		R/L	SW8260
1,1,2,2-Tetrachloroethane	ND	2.6	ug/Kg	09/18/10		R/L	SW8260
1,1,2-Trichloroethane	ND	4.3	ug/Kg	09/18/10		R/L	SW8260
1,1-Dichloroethane	ND	4.3	ug/Kg	09/18/10		R/L	SW8260
1,1-Dichloroethene	ND	4.3	ug/Kg	09/18/10		R/L	SW8260
1,1-Dichloropropene	ND	4.3	ug/Kg	09/18/10		R/L	SW8260
1,2,3-Trichlorobenzene	ND	4.3	ug/Kg	09/18/10		R/L	SW8260
1,2,3-Trichloropropane	ND	4.3	ug/Kg	09/18/10		R/L	SW8260
1,2,4-Trichlorobenzene	ND	4.3	ug/Kg	09/18/10		R/L	SW8260
1,2,4-Trimethylbenzene	ND	4.3	ug/Kg	09/18/10		R/L	SW8260

Project ID: CONN DOT WESTBROOK SLE STATION

Client ID: RR-36 (10-11.5)

Phoenix I.D.: AZ55911

Parameter	Result	RL	Units	Date	Time	By	Reference
1,2-Dibromo-3-chloropropane	ND	4.3	ug/Kg	09/18/10		R/L	SW8260
1,2-Dichlorobenzene	ND	4.3	ug/Kg	09/18/10		R/L	SW8260
1,2-Dichloroethane	ND	4.3	ug/Kg	09/18/10		R/L	SW8260
1,2-Dichloropropane	ND	4.3	ug/Kg	09/18/10		R/L	SW8260
1,3,5-Trimethylbenzene	ND	4.3	ug/Kg	09/18/10		R/L	SW8260
1,3-Dichlorobenzene	ND	4.3	ug/Kg	09/18/10		R/L	SW8260
1,3-Dichloropropane	ND	4.3	ug/Kg	09/18/10		R/L	SW8260
1,4-Dichlorobenzene	ND	4.3	ug/Kg	09/18/10		R/L	SW8260
2,2-Dichloropropane	ND	4.3	ug/Kg	09/18/10		R/L	SW8260
2-Chlorotoluene	ND	4.3	ug/Kg	09/18/10		R/L	SW8260
2-Hexanone	ND	22	ug/Kg	09/18/10		R/L	SW8260
2-Isopropyltoluene	ND	4.3	ug/Kg	09/18/10		R/L	SW8260
4-Chlorotoluene	ND	4.3	ug/Kg	09/18/10		R/L	SW8260
4-Methyl-2-pentanone	ND	22	ug/Kg	09/18/10		R/L	SW8260
Acetone	ND	87	ug/Kg	09/18/10		R/L	SW8260
Acrylonitrile	ND	4.3	ug/Kg	09/18/10		R/L	SW8260
Benzene	ND	4.3	ug/Kg	09/18/10		R/L	SW8260
Bromobenzene	ND	4.3	ug/Kg	09/18/10		R/L	SW8260
Bromochloromethane	ND	4.3	ug/Kg	09/18/10		R/L	SW8260
Bromodichloromethane	ND	4.3	ug/Kg	09/18/10		R/L	SW8260
Bromoform	ND	4.3	ug/Kg	09/18/10		R/L	SW8260
Bromomethane	ND	4.3	ug/Kg	09/18/10		R/L	SW8260
Carbon Disulfide	ND	4.3	ug/Kg	09/18/10		R/L	SW8260
Carbon tetrachloride	ND	4.3	ug/Kg	09/18/10		R/L	SW8260
Chlorobenzene	ND	4.3	ug/Kg	09/18/10		R/L	SW8260
Chloroethane	ND	4.3	ug/Kg	09/18/10		R/L	SW8260
Chloroform	ND	4.3	ug/Kg	09/18/10		R/L	SW8260
Chloromethane	ND	4.3	ug/Kg	09/18/10		R/L	SW8260
cis-1,2-Dichloroethene	ND	4.3	ug/Kg	09/18/10		R/L	SW8260
cis-1,3-Dichloropropene	ND	4.3	ug/Kg	09/18/10		R/L	SW8260
Dibromochloromethane	ND	2.6	ug/Kg	09/18/10		R/L	SW8260
Dibromoethane	ND	4.3	ug/Kg	09/18/10		R/L	SW8260
Dibromomethane	ND	4.3	ug/Kg	09/18/10		R/L	SW8260
Dichlorodifluoromethane	ND	4.3	ug/Kg	09/18/10		R/L	SW8260
Ethylbenzene	ND	4.3	ug/Kg	09/18/10		R/L	SW8260
Hexachlorobutadiene	ND	4.3	ug/Kg	09/18/10		R/L	SW8260
Isopropylbenzene	ND	4.3	ug/Kg	09/18/10		R/L	SW8260
m&p-Xylene	ND	4.3	ug/Kg	09/18/10		R/L	SW8260
Methyl Ethyl Ketone	ND	26	ug/Kg	09/18/10		R/L	SW8260
Methyl t-butyl ether (MTBE)	ND	8.7	ug/Kg	09/18/10		R/L	SW8260
Methylene chloride	ND	4.3	ug/Kg	09/18/10		R/L	SW8260
Naphthalene	ND	4.3	ug/Kg	09/18/10		R/L	SW8260
n-Butylbenzene	ND	4.3	ug/Kg	09/18/10		R/L	SW8260
n-Propylbenzene	ND	4.3	ug/Kg	09/18/10		R/L	SW8260
o-Xylene	ND	4.3	ug/Kg	09/18/10		R/L	SW8260
p-Isopropyltoluene	ND	4.3	ug/Kg	09/18/10		R/L	SW8260
sec-Butylbenzene	ND	4.3	ug/Kg	09/18/10		R/L	SW8260
Styrene	ND	4.3	ug/Kg	09/18/10		R/L	SW8260
tert-Butylbenzene	ND	4.3	ug/Kg	09/18/10		R/L	SW8260
Tetrachloroethene	ND	4.3	ug/Kg	09/18/10		R/L	SW8260

Project ID: CONN DOT WESTBROOK SLE STATION
Client ID: RR-36 (10-11.5)

Phoenix I.D.: AZ55911

Parameter	Result	RL	Units	Date	Time	By	Reference
Tetrahydrofuran (THF)	ND	8.7	ug/Kg	09/18/10		R/L	SW8260
Toluene	ND	4.3	ug/Kg	09/18/10		R/L	SW8260
Total Xylenes	ND	4.3	ug/Kg	09/18/10		R/L	SW8260
trans-1,2-Dichloroethene	ND	4.3	ug/Kg	09/18/10		R/L	SW8260
trans-1,3-Dichloropropene	ND	4.3	ug/Kg	09/18/10		R/L	SW8260
trans-1,4-dichloro-2-butene	ND	8.7	ug/Kg	09/18/10		R/L	SW8260
Trichloroethene	ND	4.3	ug/Kg	09/18/10		R/L	SW8260
Trichlorofluoromethane	ND	4.3	ug/Kg	09/18/10		R/L	SW8260
Trichlorotrifluoroethane	ND	4.3	ug/Kg	09/18/10		R/L	SW8260
Vinyl chloride	ND	4.3	ug/Kg	09/18/10		R/L	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	96		%	09/18/10		R/L	SW8260
% Bromofluorobenzene	100		%	09/18/10		R/L	SW8260
% Dibromofluoromethane	100		%	09/18/10		R/L	SW8260
% Toluene-d8	97		%	09/18/10		R/L	SW8260
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	240	ug/Kg	09/18/10		KCA	SW 8270
1,2,4-Trichlorobenzene	ND	240	ug/Kg	09/18/10		KCA	SW 8270
1,2-Dichlorobenzene	ND	240	ug/Kg	09/18/10		KCA	SW 8270
1,3-Dichlorobenzene	ND	240	ug/Kg	09/18/10		KCA	SW 8270
1,4-Dichlorobenzene	ND	240	ug/Kg	09/18/10		KCA	SW 8270
2,4,5-Trichlorophenol	ND	240	ug/Kg	09/18/10		KCA	SW 8270
2,4,6-Trichlorophenol	ND	240	ug/Kg	09/18/10		KCA	SW 8270
2,4-Dichlorophenol	ND	240	ug/Kg	09/18/10		KCA	SW 8270
2,4-Dimethylphenol	ND	240	ug/Kg	09/18/10		KCA	SW 8270
2,4-Dinitrophenol	ND	540	ug/Kg	09/18/10		KCA	SW 8270
2,4-Dinitrotoluene	ND	240	ug/Kg	09/18/10		KCA	SW 8270
2,6-Dinitrotoluene	ND	240	ug/Kg	09/18/10		KCA	SW 8270
2-Chloronaphthalene	ND	240	ug/Kg	09/18/10		KCA	SW 8270
2-Chlorophenol	ND	240	ug/Kg	09/18/10		KCA	SW 8270
2-Methylnaphthalene	ND	240	ug/Kg	09/18/10		KCA	SW 8270
2-Methylphenol (o-cresol)	ND	240	ug/Kg	09/18/10		KCA	SW 8270
2-Nitroaniline	ND	540	ug/Kg	09/18/10		KCA	SW 8270
2-Nitrophenol	ND	240	ug/Kg	09/18/10		KCA	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	340	ug/Kg	09/18/10		KCA	SW 8270
3,3'-Dichlorobenzidine	ND	410	ug/Kg	09/18/10		KCA	SW 8270
3-Nitroaniline	ND	540	ug/Kg	09/18/10		KCA	SW 8270
4,6-Dinitro-2-methylphenol	ND	990	ug/Kg	09/18/10		KCA	SW 8270
4-Bromophenyl phenyl ether	ND	340	ug/Kg	09/18/10		KCA	SW 8270
4-Chloro-3-methylphenol	ND	240	ug/Kg	09/18/10		KCA	SW 8270
4-Chloroaniline	ND	240	ug/Kg	09/18/10		KCA	SW 8270
4-Chlorophenyl phenyl ether	ND	240	ug/Kg	09/18/10		KCA	SW 8270
4-Nitroaniline	ND	540	ug/Kg	09/18/10		KCA	SW 8270
4-Nitrophenol	ND	990	ug/Kg	09/18/10		KCA	SW 8270
Acenaphthene	ND	240	ug/Kg	09/18/10		KCA	SW 8270
Acenaphthylene	ND	240	ug/Kg	09/18/10		KCA	SW 8270
Acetophenone	ND	240	ug/Kg	09/18/10		KCA	SW 8270
Aniline	ND	990	ug/Kg	09/18/10		KCA	SW 8270
Anthracene	ND	240	ug/Kg	09/18/10		KCA	SW 8270

Project ID: CONN DOT WESTBROOK SLE STATION **Phoenix I.D.:** AZ55911
Client ID: RR-36 (10-11.5)

Parameter	Result	RL	Units	Date	Time	By	Reference
Azobenzene	ND	340	ug/Kg	09/18/10		KCA	SW 8270
Benz(a)anthracene	ND	240	ug/Kg	09/18/10		KCA	SW 8270
Benzidine	ND	410	ug/Kg	09/18/10		KCA	SW 8270
Benzo(a)pyrene	ND	240	ug/Kg	09/18/10		KCA	SW 8270
Benzo(b)fluoranthene	ND	240	ug/Kg	09/18/10		KCA	SW 8270
Benzo(ghi)perylene	ND	240	ug/Kg	09/18/10		KCA	SW 8270
Benzo(k)fluoranthene	ND	240	ug/Kg	09/18/10		KCA	SW 8270
Benzoic acid	ND	990	ug/Kg	09/18/10		KCA	SW 8270
Benzyl butyl phthalate	ND	240	ug/Kg	09/18/10		KCA	SW 8270
Bis(2-chloroethoxy)methane	ND	240	ug/Kg	09/18/10		KCA	SW 8270
Bis(2-chloroethyl)ether	ND	340	ug/Kg	09/18/10		KCA	SW 8270
Bis(2-chloroisopropyl)ether	ND	240	ug/Kg	09/18/10		KCA	SW 8270
Bis(2-ethylhexyl)phthalate	ND	240	ug/Kg	09/18/10		KCA	SW 8270
Carbazole	ND	990	ug/Kg	09/18/10		KCA	SW 8270
Chrysene	ND	240	ug/Kg	09/18/10		KCA	SW 8270
Dibenz(a,h)anthracene	ND	240	ug/Kg	09/18/10		KCA	SW 8270
Dibenzofuran	ND	240	ug/Kg	09/18/10		KCA	SW 8270
Diethyl phthalate	ND	240	ug/Kg	09/18/10		KCA	SW 8270
Dimethylphthalate	ND	240	ug/Kg	09/18/10		KCA	SW 8270
Di-n-butylphthalate	ND	240	ug/Kg	09/18/10		KCA	SW 8270
Di-n-octylphthalate	ND	240	ug/Kg	09/18/10		KCA	SW 8270
Fluoranthene	ND	240	ug/Kg	09/18/10		KCA	SW 8270
Fluorene	ND	240	ug/Kg	09/18/10		KCA	SW 8270
Hexachlorobenzene	ND	240	ug/Kg	09/18/10		KCA	SW 8270
Hexachlorobutadiene	ND	240	ug/Kg	09/18/10		KCA	SW 8270
Hexachlorocyclopentadiene	ND	240	ug/Kg	09/18/10		KCA	SW 8270
Hexachloroethane	ND	240	ug/Kg	09/18/10		KCA	SW 8270
Indeno(1,2,3-cd)pyrene	ND	240	ug/Kg	09/18/10		KCA	SW 8270
Isophorone	ND	240	ug/Kg	09/18/10		KCA	SW 8270
Naphthalene	ND	240	ug/Kg	09/18/10		KCA	SW 8270
Nitrobenzene	ND	240	ug/Kg	09/18/10		KCA	SW 8270
N-Nitrosodimethylamine	ND	340	ug/Kg	09/18/10		KCA	SW 8270
N-Nitrosodi-n-propylamine	ND	240	ug/Kg	09/18/10		KCA	SW 8270
N-Nitrosodiphenylamine	ND	340	ug/Kg	09/18/10		KCA	SW 8270
Pentachloronitrobenzene	ND	340	ug/Kg	09/18/10		KCA	SW 8270
Pentachlorophenol	ND	340	ug/Kg	09/18/10		KCA	SW 8270
Phenanthrene	ND	240	ug/Kg	09/18/10		KCA	SW 8270
Phenol	ND	240	ug/Kg	09/18/10		KCA	SW 8270
Pyrene	ND	240	ug/Kg	09/18/10		KCA	SW 8270
Pyridine	ND	340	ug/Kg	09/18/10		KCA	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	91		%	09/18/10		KCA	SW 8270
% 2-Fluorobiphenyl	79		%	09/18/10		KCA	SW 8270
% 2-Fluorophenol	87		%	09/18/10		KCA	SW 8270
% Nitrobenzene-d5	81		%	09/18/10		KCA	SW 8270
% Phenol-d5	85		%	09/18/10		KCA	SW 8270
% Terphenyl-d14	75		%	09/18/10		KCA	SW 8270
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	10	mg/Kg	09/20/10		JRB	CT ETPH/8015

Project ID: CONN DOT WESTBROOK SLE STATION
Client ID: RR-36 (10-11.5)

Phoenix I.D.: AZ55911

Parameter	Result	RL	Units	Date	Time	By	Reference
Identification	ND		mg/Kg	09/20/10		JRB	CT ETPH/8015
QA/QC Surrogates							
% n-Pentacosane	80		%	09/20/10		JRB	CT ETPH/8015
Polychlorinated Biphenyls							
PCB-1016	ND	340	ug/Kg	09/20/10		MH	SW 8082
PCB-1221	ND	340	ug/Kg	09/20/10		MH	SW 8082
PCB-1232	ND	340	ug/Kg	09/20/10		MH	SW 8082
PCB-1242	ND	340	ug/Kg	09/20/10		MH	SW 8082
PCB-1248	ND	340	ug/Kg	09/20/10		MH	SW 8082
PCB-1254	ND	340	ug/Kg	09/20/10		MH	SW 8082
PCB-1260	ND	340	ug/Kg	09/20/10		MH	SW 8082
PCB-1262	ND	340	ug/Kg	09/20/10		MH	SW 8082
PCB-1268	ND	340	ug/Kg	09/20/10		MH	SW 8082
QA/QC Surrogates							
% DCBP	77		%	09/20/10		MH	SW 8082
% TCMX	67		%	09/20/10		MH	SW 8082

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller

Phyllis Shiller, Laboratory Director
September 28, 2010

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

September 27, 2010

FOR: Attn: Mr. Chris Koelle
Diversified Tech. Consultants
2321 Whitney Avenue 3rd floor
Hamden Center II
Hamden CT 06518

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		09/17/10	10:45
Location Code:	DTECHDAS	Received by:	SW	09/17/10	16:11
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GAZ55910
Phoenix ID: AZ55912

Project ID: CONN DOT WESTBROOK SLE STATION

Client ID: RR-38 (0-1.3)

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.33	0.33	mg/Kg	09/19/10		EK	SW6010
Arsenic	< 0.7	0.7	mg/Kg	09/19/10		EK	SW6010
Barium	28.2	0.33	mg/Kg	09/19/10		EK	SW6010
Cadmium	< 0.33	0.33	mg/Kg	09/19/10		EK	SW6010
Chromium	11.1	0.33	mg/Kg	09/19/10		EK	SW6010
Mercury	< 0.07	0.07	mg/Kg	09/22/10		RS	SW-7471
Lead	3.94	0.33	mg/Kg	09/24/10		EK	SW6010
Selenium	< 1.3	1.3	mg/Kg	09/19/10		EK	SW6010
Percent Solid	96		%	09/17/10		JL	E160.3
Soil Extraction for PCB	Completed			09/17/10		SB	SW3545
Soil Extraction for Pesticide	Completed			09/17/10		SB/F	SW3545
Soil Extraction for SVOA	Completed			09/17/10		SS/F	SW3545
Extraction of CT ETPH	Completed			09/17/10		SS/F	3545
Mercury Digestion	Completed			09/20/10		X	SW7471
Total Metals Digest	Completed			09/17/10		C/AG	SW846 - 3050
Field Extraction	Completed			09/16/10		DETC	SW5035
Volatiles							
1,1,1,2-Tetrachloroethane	ND	3.1	ug/Kg	09/18/10		R/L	SW8260
1,1,1-Trichloroethane	ND	3.1	ug/Kg	09/18/10		R/L	SW8260
1,1,2,2-Tetrachloroethane	ND	1.9	ug/Kg	09/18/10		R/L	SW8260
1,1,2-Trichloroethane	ND	3.1	ug/Kg	09/18/10		R/L	SW8260
1,1-Dichloroethane	ND	3.1	ug/Kg	09/18/10		R/L	SW8260
1,1-Dichloroethene	ND	3.1	ug/Kg	09/18/10		R/L	SW8260
1,1-Dichloropropene	ND	3.1	ug/Kg	09/18/10		R/L	SW8260
1,2,3-Trichlorobenzene	ND	3.1	ug/Kg	09/18/10		R/L	SW8260
1,2,3-Trichloropropane	ND	3.1	ug/Kg	09/18/10		R/L	SW8260
1,2,4-Trichlorobenzene	ND	3.1	ug/Kg	09/18/10		R/L	SW8260

Project ID: CONN DOT WESTBROOK SLE STATION **Phoenix I.D.:** AZ55912
Client ID: RR-38 (0-1.3)

Parameter	Result	RL	Units	Date	Time	By	Reference
1,2,4-Trimethylbenzene	ND	3.1	ug/Kg	09/18/10		R/L	SW8260
1,2-Dibromo-3-chloropropane	ND	3.1	ug/Kg	09/18/10		R/L	SW8260
1,2-Dichlorobenzene	ND	3.1	ug/Kg	09/18/10		R/L	SW8260
1,2-Dichloroethane	ND	3.1	ug/Kg	09/18/10		R/L	SW8260
1,2-Dichloropropane	ND	3.1	ug/Kg	09/18/10		R/L	SW8260
1,3,5-Trimethylbenzene	ND	3.1	ug/Kg	09/18/10		R/L	SW8260
1,3-Dichlorobenzene	ND	3.1	ug/Kg	09/18/10		R/L	SW8260
1,3-Dichloropropane	ND	3.1	ug/Kg	09/18/10		R/L	SW8260
1,4-Dichlorobenzene	ND	3.1	ug/Kg	09/18/10		R/L	SW8260
2,2-Dichloropropane	ND	3.1	ug/Kg	09/18/10		R/L	SW8260
2-Chlorotoluene	ND	3.1	ug/Kg	09/18/10		R/L	SW8260
2-Hexanone	ND	16	ug/Kg	09/18/10		R/L	SW8260
2-Isopropyltoluene	ND	3.1	ug/Kg	09/18/10		R/L	SW8260
4-Chlorotoluene	ND	3.1	ug/Kg	09/18/10		R/L	SW8260
4-Methyl-2-pentanone	ND	16	ug/Kg	09/18/10		R/L	SW8260
Acetone	ND	63	ug/Kg	09/18/10		R/L	SW8260
Acrylonitrile	ND	3.1	ug/Kg	09/18/10		R/L	SW8260
Benzene	ND	3.1	ug/Kg	09/18/10		R/L	SW8260
Bromobenzene	ND	3.1	ug/Kg	09/18/10		R/L	SW8260
Bromochloromethane	ND	3.1	ug/Kg	09/18/10		R/L	SW8260
Bromodichloromethane	ND	3.1	ug/Kg	09/18/10		R/L	SW8260
Bromoform	ND	3.1	ug/Kg	09/18/10		R/L	SW8260
Bromomethane	ND	3.1	ug/Kg	09/18/10		R/L	SW8260
Carbon Disulfide	ND	3.1	ug/Kg	09/18/10		R/L	SW8260
Carbon tetrachloride	ND	3.1	ug/Kg	09/18/10		R/L	SW8260
Chlorobenzene	ND	3.1	ug/Kg	09/18/10		R/L	SW8260
Chloroethane	ND	3.1	ug/Kg	09/18/10		R/L	SW8260
Chloroform	ND	3.1	ug/Kg	09/18/10		R/L	SW8260
Chloromethane	ND	3.1	ug/Kg	09/18/10		R/L	SW8260
cis-1,2-Dichloroethene	ND	3.1	ug/Kg	09/18/10		R/L	SW8260
cis-1,3-Dichloropropene	ND	3.1	ug/Kg	09/18/10		R/L	SW8260
Dibromochloromethane	ND	1.9	ug/Kg	09/18/10		R/L	SW8260
Dibromoethane	ND	3.1	ug/Kg	09/18/10		R/L	SW8260
Dibromomethane	ND	3.1	ug/Kg	09/18/10		R/L	SW8260
Dichlorodifluoromethane	ND	3.1	ug/Kg	09/18/10		R/L	SW8260
Ethylbenzene	ND	3.1	ug/Kg	09/18/10		R/L	SW8260
Hexachlorobutadiene	ND	3.1	ug/Kg	09/18/10		R/L	SW8260
Isopropylbenzene	ND	3.1	ug/Kg	09/18/10		R/L	SW8260
m&p-Xylene	ND	3.1	ug/Kg	09/18/10		R/L	SW8260
Methyl Ethyl Ketone	ND	19	ug/Kg	09/18/10		R/L	SW8260
Methyl t-butyl ether (MTBE)	ND	6.3	ug/Kg	09/18/10		R/L	SW8260
Methylene chloride	ND	3.1	ug/Kg	09/18/10		R/L	SW8260
Naphthalene	ND	3.1	ug/Kg	09/18/10		R/L	SW8260
n-Butylbenzene	ND	3.1	ug/Kg	09/18/10		R/L	SW8260
n-Propylbenzene	ND	3.1	ug/Kg	09/18/10		R/L	SW8260
o-Xylene	ND	3.1	ug/Kg	09/18/10		R/L	SW8260
p-Isopropyltoluene	ND	3.1	ug/Kg	09/18/10		R/L	SW8260
sec-Butylbenzene	ND	3.1	ug/Kg	09/18/10		R/L	SW8260
Styrene	ND	3.1	ug/Kg	09/18/10		R/L	SW8260
tert-Butylbenzene	ND	3.1	ug/Kg	09/18/10		R/L	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference
Tetrachloroethene	ND	3.1	ug/Kg	09/18/10		R/L	SW8260
Tetrahydrofuran (THF)	ND	6.3	ug/Kg	09/18/10		R/L	SW8260
Toluene	ND	3.1	ug/Kg	09/18/10		R/L	SW8260
Total Xylenes	ND	3.1	ug/Kg	09/18/10		R/L	SW8260
trans-1,2-Dichloroethene	ND	3.1	ug/Kg	09/18/10		R/L	SW8260
trans-1,3-Dichloropropene	ND	3.1	ug/Kg	09/18/10		R/L	SW8260
trans-1,4-dichloro-2-butene	ND	6.3	ug/Kg	09/18/10		R/L	SW8260
Trichloroethene	ND	3.1	ug/Kg	09/18/10		R/L	SW8260
Trichlorofluoromethane	ND	3.1	ug/Kg	09/18/10		R/L	SW8260
Trichlorotrifluoroethane	ND	3.1	ug/Kg	09/18/10		R/L	SW8260
Vinyl chloride	ND	3.1	ug/Kg	09/18/10		R/L	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	99		%	09/18/10		R/L	SW8260
% Bromofluorobenzene	94		%	09/18/10		R/L	SW8260
% Dibromofluoromethane	102		%	09/18/10		R/L	SW8260
% Toluene-d8	97		%	09/18/10		R/L	SW8260
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	240	ug/Kg	09/18/10		HM	SW 8270
1,2,4-Trichlorobenzene	ND	240	ug/Kg	09/18/10		HM	SW 8270
1,2-Dichlorobenzene	ND	240	ug/Kg	09/18/10		HM	SW 8270
1,3-Dichlorobenzene	ND	240	ug/Kg	09/18/10		HM	SW 8270
1,4-Dichlorobenzene	ND	240	ug/Kg	09/18/10		HM	SW 8270
2,4,5-Trichlorophenol	ND	240	ug/Kg	09/18/10		HM	SW 8270
2,4,6-Trichlorophenol	ND	240	ug/Kg	09/18/10		HM	SW 8270
2,4-Dichlorophenol	ND	240	ug/Kg	09/18/10		HM	SW 8270
2,4-Dimethylphenol	ND	240	ug/Kg	09/18/10		HM	SW 8270
2,4-Dinitrophenol	ND	550	ug/Kg	09/18/10		HM	SW 8270
2,4-Dinitrotoluene	ND	240	ug/Kg	09/18/10		HM	SW 8270
2,6-Dinitrotoluene	ND	240	ug/Kg	09/18/10		HM	SW 8270
2-Chloronaphthalene	ND	240	ug/Kg	09/18/10		HM	SW 8270
2-Chlorophenol	ND	240	ug/Kg	09/18/10		HM	SW 8270
2-Methylnaphthalene	ND	240	ug/Kg	09/18/10		HM	SW 8270
2-Methylphenol (o-cresol)	ND	240	ug/Kg	09/18/10		HM	SW 8270
2-Nitroaniline	ND	550	ug/Kg	09/18/10		HM	SW 8270
2-Nitrophenol	ND	240	ug/Kg	09/18/10		HM	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	340	ug/Kg	09/18/10		HM	SW 8270
3,3'-Dichlorobenzidine	ND	410	ug/Kg	09/18/10		HM	SW 8270
3-Nitroaniline	ND	550	ug/Kg	09/18/10		HM	SW 8270
4,6-Dinitro-2-methylphenol	ND	990	ug/Kg	09/18/10		HM	SW 8270
4-Bromophenyl phenyl ether	ND	340	ug/Kg	09/18/10		HM	SW 8270
4-Chloro-3-methylphenol	ND	240	ug/Kg	09/18/10		HM	SW 8270
4-Chloroaniline	ND	240	ug/Kg	09/18/10		HM	SW 8270
4-Chlorophenyl phenyl ether	ND	240	ug/Kg	09/18/10		HM	SW 8270
4-Nitroaniline	ND	550	ug/Kg	09/18/10		HM	SW 8270
4-Nitrophenol	ND	990	ug/Kg	09/18/10		HM	SW 8270
Acenaphthene	ND	240	ug/Kg	09/18/10		HM	SW 8270
Acenaphthylene	ND	240	ug/Kg	09/18/10		HM	SW 8270
Acetophenone	ND	240	ug/Kg	09/18/10		HM	SW 8270
Aniline	ND	990	ug/Kg	09/18/10		HM	SW 8270

Project ID: CONN DOT WESTBROOK SLE STATION **Phoenix I.D.:** AZ55912
Client ID: RR-38 (0-1.3)

Parameter	Result	RL	Units	Date	Time	By	Reference
Anthracene	ND	240	ug/Kg	09/18/10		HM	SW 8270
Azobenzene	ND	340	ug/Kg	09/18/10		HM	SW 8270
Benz(a)anthracene	ND	240	ug/Kg	09/18/10		HM	SW 8270
Benzidine	ND	410	ug/Kg	09/18/10		HM	SW 8270
Benzo(a)pyrene	ND	240	ug/Kg	09/18/10		HM	SW 8270
Benzo(b)fluoranthene	ND	240	ug/Kg	09/18/10		HM	SW 8270
Benzo(ghi)perylene	ND	240	ug/Kg	09/18/10		HM	SW 8270
Benzo(k)fluoranthene	ND	240	ug/Kg	09/18/10		HM	SW 8270
Benzoic acid	ND	990	ug/Kg	09/18/10		HM	SW 8270
Benzyl butyl phthalate	ND	240	ug/Kg	09/18/10		HM	SW 8270
Bis(2-chloroethoxy)methane	ND	240	ug/Kg	09/18/10		HM	SW 8270
Bis(2-chloroethyl)ether	ND	340	ug/Kg	09/18/10		HM	SW 8270
Bis(2-chloroisopropyl)ether	ND	240	ug/Kg	09/18/10		HM	SW 8270
Bis(2-ethylhexyl)phthalate	ND	240	ug/Kg	09/18/10		HM	SW 8270
Carbazole	ND	990	ug/Kg	09/18/10		HM	SW 8270
Chrysene	ND	240	ug/Kg	09/18/10		HM	SW 8270
Dibenz(a,h)anthracene	ND	240	ug/Kg	09/18/10		HM	SW 8270
Dibenzofuran	ND	240	ug/Kg	09/18/10		HM	SW 8270
Diethyl phthalate	ND	240	ug/Kg	09/18/10		HM	SW 8270
Dimethylphthalate	ND	240	ug/Kg	09/18/10		HM	SW 8270
Di-n-butylphthalate	ND	240	ug/Kg	09/18/10		HM	SW 8270
Di-n-octylphthalate	ND	240	ug/Kg	09/18/10		HM	SW 8270
Fluoranthene	ND	240	ug/Kg	09/18/10		HM	SW 8270
Fluorene	ND	240	ug/Kg	09/18/10		HM	SW 8270
Hexachlorobenzene	ND	240	ug/Kg	09/18/10		HM	SW 8270
Hexachlorobutadiene	ND	240	ug/Kg	09/18/10		HM	SW 8270
Hexachlorocyclopentadiene	ND	240	ug/Kg	09/18/10		HM	SW 8270
Hexachloroethane	ND	240	ug/Kg	09/18/10		HM	SW 8270
Indeno(1,2,3-cd)pyrene	ND	240	ug/Kg	09/18/10		HM	SW 8270
Isophorone	ND	240	ug/Kg	09/18/10		HM	SW 8270
Naphthalene	ND	240	ug/Kg	09/18/10		HM	SW 8270
Nitrobenzene	ND	240	ug/Kg	09/18/10		HM	SW 8270
N-Nitrosodimethylamine	ND	340	ug/Kg	09/18/10		HM	SW 8270
N-Nitrosodi-n-propylamine	ND	240	ug/Kg	09/18/10		HM	SW 8270
N-Nitrosodiphenylamine	ND	340	ug/Kg	09/18/10		HM	SW 8270
Pentachloronitrobenzene	ND	340	ug/Kg	09/18/10		HM	SW 8270
Pentachlorophenol	ND	340	ug/Kg	09/18/10		HM	SW 8270
Phenanthrene	ND	240	ug/Kg	09/18/10		HM	SW 8270
Phenol	ND	240	ug/Kg	09/18/10		HM	SW 8270
Pyrene	ND	240	ug/Kg	09/18/10		HM	SW 8270
Pyridine	ND	340	ug/Kg	09/18/10		HM	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	87		%	09/18/10		HM	SW 8270
% 2-Fluorobiphenyl	64		%	09/18/10		HM	SW 8270
% 2-Fluorophenol	63		%	09/18/10		HM	SW 8270
% Nitrobenzene-d5	60		%	09/18/10		HM	SW 8270
% Phenol-d5	63		%	09/18/10		HM	SW 8270
% Terphenyl-d14	57		%	09/18/10		HM	SW 8270

Project ID: CONN DOT WESTBROOK SLE STATION
Client ID: RR-38 (0-1.3)

Phoenix I.D.: AZ55912

Parameter	Result	RL	Units	Date	Time	By	Reference
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	10	mg/Kg	09/20/10		JRB	CT ETPH/8015
Identification	ND		mg/Kg	09/20/10		JRB	CT ETPH/8015
QA/QC Surrogates							
% n-Pentacosane	83		%	09/20/10		JRB	CT ETPH/8015
Polychlorinated Biphenyls							
PCB-1016	ND	340	ug/Kg	09/20/10		MH	SW 8082
PCB-1221	ND	340	ug/Kg	09/20/10		MH	SW 8082
PCB-1232	ND	340	ug/Kg	09/20/10		MH	SW 8082
PCB-1242	ND	340	ug/Kg	09/20/10		MH	SW 8082
PCB-1248	ND	340	ug/Kg	09/20/10		MH	SW 8082
PCB-1254	ND	340	ug/Kg	09/20/10		MH	SW 8082
PCB-1260	ND	340	ug/Kg	09/20/10		MH	SW 8082
PCB-1262	ND	340	ug/Kg	09/20/10		MH	SW 8082
PCB-1268	ND	340	ug/Kg	09/20/10		MH	SW 8082
QA/QC Surrogates							
% DCBP	86		%	09/20/10		MH	SW 8082
% TCMX	72		%	09/20/10		MH	SW 8082
Pesticides							
4,4' -DDD	ND	6.5	ug/Kg	09/21/10		MH	SW8081
4,4' -DDE	ND	6.5	ug/Kg	09/21/10		MH	SW8081
4,4' -DDT	ND	6.5	ug/Kg	09/21/10		MH	SW8081
a-BHC	ND	3.2	ug/Kg	09/21/10		MH	SW8081
Alachlor	ND	3.2	ug/Kg	09/21/10		MH	SW8081
Aldrin	ND	1.0	ug/Kg	09/21/10		MH	SW8081
b-BHC	ND	3.2	ug/Kg	09/21/10		MH	SW8081
Chlordane	ND	10	ug/Kg	09/21/10		MH	SW8081
d-BHC	ND	3.2	ug/Kg	09/21/10		MH	SW8081
Dieldrin	ND	1.0	ug/Kg	09/21/10		MH	SW8081
Endosulfan I	ND	3.2	ug/Kg	09/21/10		MH	SW8081
Endosulfan II	ND	6.5	ug/Kg	09/21/10		MH	SW8081
Endosulfan sulfate	ND	6.5	ug/Kg	09/21/10		MH	SW8081
Endrin	ND	6.5	ug/Kg	09/21/10		MH	SW8081
Endrin aldehyde	ND	6.5	ug/Kg	09/21/10		MH	SW8081
Endrin ketone	ND	6.5	ug/Kg	09/21/10		MH	SW8081
g-BHC	ND	1.0	ug/Kg	09/21/10		MH	SW8081
Heptachlor	ND	2.0	ug/Kg	09/21/10		MH	SW8081
Heptachlor epoxide	ND	3.2	ug/Kg	09/21/10		MH	SW8081
Methoxychlor	ND	32	ug/Kg	09/21/10		MH	SW8081
Toxaphene	ND	32	ug/Kg	09/21/10		MH	SW8081
QA/QC Surrogates							
% DCBP	102		%	09/21/10		MH	SW8081
% TCMX	72		%	09/21/10		MH	SW8081

Project ID: CONN DOT WESTBROOK SLE STATION

Phoenix I.D.: AZ55912

Client ID: RR-38 (0-1.3)

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director

September 28, 2010

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

September 27, 2010

FOR: Attn: Mr. Chris Koelle
Diversified Tech. Consultants
2321 Whitney Avenue 3rd floor
Hamden Center II
Hamden CT 06518

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		09/17/10	11:05
Location Code:	DTECHDAS	Received by:	SW	09/17/10	16:11
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GAZ55910
Phoenix ID: AZ55913

Project ID: CONN DOT WESTBROOK SLE STATION

Client ID: RR-38 (5-5.7)

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.42	0.42	mg/Kg	09/21/10		LK	SW6010
Arsenic	< 0.8	0.8	mg/Kg	09/21/10		LK	SW6010
Barium	67.0	0.42	mg/Kg	09/21/10		EK	SW6010
Cadmium	< 0.42	0.42	mg/Kg	09/21/10		LK	SW6010
Chromium	15.7	0.42	mg/Kg	09/21/10		LK	SW6010
Mercury	< 0.07	0.07	mg/Kg	09/22/10		RS	SW-7471
Lead	11.1	0.42	mg/Kg	09/21/10		LK	SW6010
Selenium	< 1.7	1.7	mg/Kg	09/21/10		LK	SW6010
Percent Solid	85		%	09/17/10		JL	E160.3
Soil Extraction for PCB	Completed			09/17/10		SB/F	SW3545
Soil Extraction for SVOA	Completed			09/17/10		SS/F	SW3545
Extraction of CT ETPH	Completed			09/17/10		SS/F	3545
Mercury Digestion	Completed			09/20/10		X	SW7471
Total Metals Digest	Completed			09/20/10		C/AG	SW846 - 3050
Field Extraction	Completed			09/16/10		DETC	SW5035
Volatiles							
1,1,1,2-Tetrachloroethane	ND	3.8	ug/Kg	09/18/10		R/L	SW8260
1,1,1-Trichloroethane	ND	3.8	ug/Kg	09/18/10		R/L	SW8260
1,1,2,2-Tetrachloroethane	ND	2.3	ug/Kg	09/18/10		R/L	SW8260
1,1,2-Trichloroethane	ND	3.8	ug/Kg	09/18/10		R/L	SW8260
1,1-Dichloroethane	ND	3.8	ug/Kg	09/18/10		R/L	SW8260
1,1-Dichloroethene	ND	3.8	ug/Kg	09/18/10		R/L	SW8260
1,1-Dichloropropene	ND	3.8	ug/Kg	09/18/10		R/L	SW8260
1,2,3-Trichlorobenzene	ND	3.8	ug/Kg	09/18/10		R/L	SW8260
1,2,3-Trichloropropane	ND	3.8	ug/Kg	09/18/10		R/L	SW8260
1,2,4-Trichlorobenzene	ND	3.8	ug/Kg	09/18/10		R/L	SW8260
1,2,4-Trimethylbenzene	ND	3.8	ug/Kg	09/18/10		R/L	SW8260

Project ID: CONN DOT WESTBROOK SLE STATION **Phoenix I.D.:** AZ55913
Client ID: RR-38 (5-5.7)

Parameter	Result	RL	Units	Date	Time	By	Reference
1,2-Dibromo-3-chloropropane	ND	3.8	ug/Kg	09/18/10		R/L	SW8260
1,2-Dichlorobenzene	ND	3.8	ug/Kg	09/18/10		R/L	SW8260
1,2-Dichloroethane	ND	3.8	ug/Kg	09/18/10		R/L	SW8260
1,2-Dichloropropane	ND	3.8	ug/Kg	09/18/10		R/L	SW8260
1,3,5-Trimethylbenzene	ND	3.8	ug/Kg	09/18/10		R/L	SW8260
1,3-Dichlorobenzene	ND	3.8	ug/Kg	09/18/10		R/L	SW8260
1,3-Dichloropropane	ND	3.8	ug/Kg	09/18/10		R/L	SW8260
1,4-Dichlorobenzene	ND	3.8	ug/Kg	09/18/10		R/L	SW8260
2,2-Dichloropropane	ND	3.8	ug/Kg	09/18/10		R/L	SW8260
2-Chlorotoluene	ND	3.8	ug/Kg	09/18/10		R/L	SW8260
2-Hexanone	ND	19	ug/Kg	09/18/10		R/L	SW8260
2-Isopropyltoluene	ND	3.8	ug/Kg	09/18/10		R/L	SW8260
4-Chlorotoluene	ND	3.8	ug/Kg	09/18/10		R/L	SW8260
4-Methyl-2-pentanone	ND	19	ug/Kg	09/18/10		R/L	SW8260
Acetone	ND	76	ug/Kg	09/18/10		R/L	SW8260
Acrylonitrile	ND	3.8	ug/Kg	09/18/10		R/L	SW8260
Benzene	ND	3.8	ug/Kg	09/18/10		R/L	SW8260
Bromobenzene	ND	3.8	ug/Kg	09/18/10		R/L	SW8260
Bromochloromethane	ND	3.8	ug/Kg	09/18/10		R/L	SW8260
Bromodichloromethane	ND	3.8	ug/Kg	09/18/10		R/L	SW8260
Bromoform	ND	3.8	ug/Kg	09/18/10		R/L	SW8260
Bromomethane	ND	3.8	ug/Kg	09/18/10		R/L	SW8260
Carbon Disulfide	ND	3.8	ug/Kg	09/18/10		R/L	SW8260
Carbon tetrachloride	ND	3.8	ug/Kg	09/18/10		R/L	SW8260
Chlorobenzene	ND	3.8	ug/Kg	09/18/10		R/L	SW8260
Chloroethane	ND	3.8	ug/Kg	09/18/10		R/L	SW8260
Chloroform	ND	3.8	ug/Kg	09/18/10		R/L	SW8260
Chloromethane	ND	3.8	ug/Kg	09/18/10		R/L	SW8260
cis-1,2-Dichloroethene	ND	3.8	ug/Kg	09/18/10		R/L	SW8260
cis-1,3-Dichloropropene	ND	3.8	ug/Kg	09/18/10		R/L	SW8260
Dibromochloromethane	ND	2.3	ug/Kg	09/18/10		R/L	SW8260
Dibromoethane	ND	3.8	ug/Kg	09/18/10		R/L	SW8260
Dibromomethane	ND	3.8	ug/Kg	09/18/10		R/L	SW8260
Dichlorodifluoromethane	ND	3.8	ug/Kg	09/18/10		R/L	SW8260
Ethylbenzene	ND	3.8	ug/Kg	09/18/10		R/L	SW8260
Hexachlorobutadiene	ND	3.8	ug/Kg	09/18/10		R/L	SW8260
Isopropylbenzene	ND	3.8	ug/Kg	09/18/10		R/L	SW8260
m&p-Xylene	ND	3.8	ug/Kg	09/18/10		R/L	SW8260
Methyl Ethyl Ketone	ND	23	ug/Kg	09/18/10		R/L	SW8260
Methyl t-butyl ether (MTBE)	ND	7.6	ug/Kg	09/18/10		R/L	SW8260
Methylene chloride	ND	3.8	ug/Kg	09/18/10		R/L	SW8260
Naphthalene	ND	3.8	ug/Kg	09/18/10		R/L	SW8260
n-Butylbenzene	ND	3.8	ug/Kg	09/18/10		R/L	SW8260
n-Propylbenzene	ND	3.8	ug/Kg	09/18/10		R/L	SW8260
o-Xylene	ND	3.8	ug/Kg	09/18/10		R/L	SW8260
p-Isopropyltoluene	ND	3.8	ug/Kg	09/18/10		R/L	SW8260
sec-Butylbenzene	ND	3.8	ug/Kg	09/18/10		R/L	SW8260
Styrene	ND	3.8	ug/Kg	09/18/10		R/L	SW8260
tert-Butylbenzene	ND	3.8	ug/Kg	09/18/10		R/L	SW8260
Tetrachloroethene	ND	3.8	ug/Kg	09/18/10		R/L	SW8260

Project ID: CONN DOT WESTBROOK SLE STATION
Client ID: RR-38 (5-5.7)

Phoenix I.D.: AZ55913

Parameter	Result	RL	Units	Date	Time	By	Reference
Tetrahydrofuran (THF)	ND	7.6	ug/Kg	09/18/10		R/L	SW8260
Toluene	ND	3.8	ug/Kg	09/18/10		R/L	SW8260
Total Xylenes	ND	3.8	ug/Kg	09/18/10		R/L	SW8260
trans-1,2-Dichloroethene	ND	3.8	ug/Kg	09/18/10		R/L	SW8260
trans-1,3-Dichloropropene	ND	3.8	ug/Kg	09/18/10		R/L	SW8260
trans-1,4-dichloro-2-butene	ND	7.6	ug/Kg	09/18/10		R/L	SW8260
Trichloroethene	ND	3.8	ug/Kg	09/18/10		R/L	SW8260
Trichlorofluoromethane	ND	3.8	ug/Kg	09/18/10		R/L	SW8260
Trichlorotrifluoroethane	ND	3.8	ug/Kg	09/18/10		R/L	SW8260
Vinyl chloride	ND	3.8	ug/Kg	09/18/10		R/L	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	97		%	09/18/10		R/L	SW8260
% Bromofluorobenzene	98		%	09/18/10		R/L	SW8260
% Dibromofluoromethane	102		%	09/18/10		R/L	SW8260
% Toluene-d8	98		%	09/18/10		R/L	SW8260
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	270	ug/Kg	09/18/10		HM	SW 8270
1,2,4-Trichlorobenzene	ND	270	ug/Kg	09/18/10		HM	SW 8270
1,2-Dichlorobenzene	ND	270	ug/Kg	09/18/10		HM	SW 8270
1,3-Dichlorobenzene	ND	270	ug/Kg	09/18/10		HM	SW 8270
1,4-Dichlorobenzene	ND	270	ug/Kg	09/18/10		HM	SW 8270
2,4,5-Trichlorophenol	ND	270	ug/Kg	09/18/10		HM	SW 8270
2,4,6-Trichlorophenol	ND	270	ug/Kg	09/18/10		HM	SW 8270
2,4-Dichlorophenol	ND	270	ug/Kg	09/18/10		HM	SW 8270
2,4-Dimethylphenol	ND	270	ug/Kg	09/18/10		HM	SW 8270
2,4-Dinitrophenol	ND	620	ug/Kg	09/18/10		HM	SW 8270
2,4-Dinitrotoluene	ND	270	ug/Kg	09/18/10		HM	SW 8270
2,6-Dinitrotoluene	ND	270	ug/Kg	09/18/10		HM	SW 8270
2-Chloronaphthalene	ND	270	ug/Kg	09/18/10		HM	SW 8270
2-Chlorophenol	ND	270	ug/Kg	09/18/10		HM	SW 8270
2-Methylnaphthalene	ND	270	ug/Kg	09/18/10		HM	SW 8270
2-Methylphenol (o-cresol)	ND	270	ug/Kg	09/18/10		HM	SW 8270
2-Nitroaniline	ND	620	ug/Kg	09/18/10		HM	SW 8270
2-Nitrophenol	ND	270	ug/Kg	09/18/10		HM	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	380	ug/Kg	09/18/10		HM	SW 8270
3,3'-Dichlorobenzidine	ND	460	ug/Kg	09/18/10		HM	SW 8270
3-Nitroaniline	ND	620	ug/Kg	09/18/10		HM	SW 8270
4,6-Dinitro-2-methylphenol	ND	1100	ug/Kg	09/18/10		HM	SW 8270
4-Bromophenyl phenyl ether	ND	380	ug/Kg	09/18/10		HM	SW 8270
4-Chloro-3-methylphenol	ND	270	ug/Kg	09/18/10		HM	SW 8270
4-Chloroaniline	ND	270	ug/Kg	09/18/10		HM	SW 8270
4-Chlorophenyl phenyl ether	ND	270	ug/Kg	09/18/10		HM	SW 8270
4-Nitroaniline	ND	620	ug/Kg	09/18/10		HM	SW 8270
4-Nitrophenol	ND	1100	ug/Kg	09/18/10		HM	SW 8270
Acenaphthene	ND	270	ug/Kg	09/18/10		HM	SW 8270
Acenaphthylene	ND	270	ug/Kg	09/18/10		HM	SW 8270
Acetophenone	ND	270	ug/Kg	09/18/10		HM	SW 8270
Aniline	ND	1100	ug/Kg	09/18/10		HM	SW 8270
Anthracene	ND	270	ug/Kg	09/18/10		HM	SW 8270

Project ID: CONN DOT WESTBROOK SLE STATION
Client ID: RR-38 (5-5.7)

Phoenix I.D.: AZ55913

Parameter	Result	RL	Units	Date	Time	By	Reference
Azobenzene	ND	380	ug/Kg	09/18/10		HM	SW 8270
Benz(a)anthracene	ND	270	ug/Kg	09/18/10		HM	SW 8270
Benzidine	ND	460	ug/Kg	09/18/10		HM	SW 8270
Benzo(a)pyrene	ND	270	ug/Kg	09/18/10		HM	SW 8270
Benzo(b)fluoranthene	ND	270	ug/Kg	09/18/10		HM	SW 8270
Benzo(ghi)perylene	ND	270	ug/Kg	09/18/10		HM	SW 8270
Benzo(k)fluoranthene	ND	270	ug/Kg	09/18/10		HM	SW 8270
Benzoic acid	ND	1100	ug/Kg	09/18/10		HM	SW 8270
Benzyl butyl phthalate	ND	270	ug/Kg	09/18/10		HM	SW 8270
Bis(2-chloroethoxy)methane	ND	270	ug/Kg	09/18/10		HM	SW 8270
Bis(2-chloroethyl)ether	ND	380	ug/Kg	09/18/10		HM	SW 8270
Bis(2-chloroisopropyl)ether	ND	270	ug/Kg	09/18/10		HM	SW 8270
Bis(2-ethylhexyl)phthalate	ND	270	ug/Kg	09/18/10		HM	SW 8270
Carbazole	ND	1100	ug/Kg	09/18/10		HM	SW 8270
Chrysene	ND	270	ug/Kg	09/18/10		HM	SW 8270
Dibenz(a,h)anthracene	ND	270	ug/Kg	09/18/10		HM	SW 8270
Dibenzofuran	ND	270	ug/Kg	09/18/10		HM	SW 8270
Diethyl phthalate	ND	270	ug/Kg	09/18/10		HM	SW 8270
Dimethylphthalate	ND	270	ug/Kg	09/18/10		HM	SW 8270
Di-n-butylphthalate	ND	270	ug/Kg	09/18/10		HM	SW 8270
Di-n-octylphthalate	ND	270	ug/Kg	09/18/10		HM	SW 8270
Fluoranthene	ND	270	ug/Kg	09/18/10		HM	SW 8270
Fluorene	ND	270	ug/Kg	09/18/10		HM	SW 8270
Hexachlorobenzene	ND	270	ug/Kg	09/18/10		HM	SW 8270
Hexachlorobutadiene	ND	270	ug/Kg	09/18/10		HM	SW 8270
Hexachlorocyclopentadiene	ND	270	ug/Kg	09/18/10		HM	SW 8270
Hexachloroethane	ND	270	ug/Kg	09/18/10		HM	SW 8270
Indeno(1,2,3-cd)pyrene	ND	270	ug/Kg	09/18/10		HM	SW 8270
Isophorone	ND	270	ug/Kg	09/18/10		HM	SW 8270
Naphthalene	ND	270	ug/Kg	09/18/10		HM	SW 8270
Nitrobenzene	ND	270	ug/Kg	09/18/10		HM	SW 8270
N-Nitrosodimethylamine	ND	380	ug/Kg	09/18/10		HM	SW 8270
N-Nitrosodi-n-propylamine	ND	270	ug/Kg	09/18/10		HM	SW 8270
N-Nitrosodiphenylamine	ND	380	ug/Kg	09/18/10		HM	SW 8270
Pentachloronitrobenzene	ND	380	ug/Kg	09/18/10		HM	SW 8270
Pentachlorophenol	ND	380	ug/Kg	09/18/10		HM	SW 8270
Phenanthrene	ND	270	ug/Kg	09/18/10		HM	SW 8270
Phenol	ND	270	ug/Kg	09/18/10		HM	SW 8270
Pyrene	ND	270	ug/Kg	09/18/10		HM	SW 8270
Pyridine	ND	380	ug/Kg	09/18/10		HM	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	95		%	09/18/10		HM	SW 8270
% 2-Fluorobiphenyl	68		%	09/18/10		HM	SW 8270
% 2-Fluorophenol	70		%	09/18/10		HM	SW 8270
% Nitrobenzene-d5	66		%	09/18/10		HM	SW 8270
% Phenol-d5	67		%	09/18/10		HM	SW 8270
% Terphenyl-d14	65		%	09/18/10		HM	SW 8270
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	12	mg/Kg	09/20/10		JRB	CT ETPH/8015

Project ID: CONN DOT WESTBROOK SLE STATION

Client ID: RR-38 (5-5.7)

Phoenix I.D.: AZ55913

Parameter	Result	RL	Units	Date	Time	By	Reference
Identification	ND		mg/Kg	09/20/10		JRB	CT ETPH/8015
QA/QC Surrogates							
% n-Pentacosane	94		%	09/20/10		JRB	CT ETPH/8015
Polychlorinated Biphenyls							
PCB-1016	ND	390	ug/Kg	09/20/10		MH	SW 8082
PCB-1221	ND	390	ug/Kg	09/20/10		MH	SW 8082
PCB-1232	ND	390	ug/Kg	09/20/10		MH	SW 8082
PCB-1242	ND	390	ug/Kg	09/20/10		MH	SW 8082
PCB-1248	ND	390	ug/Kg	09/20/10		MH	SW 8082
PCB-1254	ND	390	ug/Kg	09/20/10		MH	SW 8082
PCB-1260	ND	390	ug/Kg	09/20/10		MH	SW 8082
PCB-1262	ND	390	ug/Kg	09/20/10		MH	SW 8082
PCB-1268	ND	390	ug/Kg	09/20/10		MH	SW 8082
QA/QC Surrogates							
% DCBP	65		%	09/20/10		MH	SW 8082
% TCMX	61		%	09/20/10		MH	SW 8082

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director
September 28, 2010

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

September 27, 2010

FOR: Attn: Mr. Chris Koelle
Diversified Tech. Consultants
2321 Whitney Avenue 3rd floor
Hamden Center II
Hamden CT 06518

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		09/17/10	11:30
Location Code:	DTECHDAS	Received by:	SW	09/17/10	16:11
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GAZ55910
Phoenix ID: AZ55914

Project ID: CONN DOT WESTBROOK SLE STATION

Client ID: RR-38 (10-11)

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.34	0.34	mg/Kg	09/22/10		EK	SW6010
Arsenic	< 0.7	0.7	mg/Kg	09/22/10		LK	SW6010
Barium	16.9	0.34	mg/Kg	09/22/10		LK	SW6010
Cadmium	< 0.34	0.34	mg/Kg	09/22/10		LK	SW6010
Chromium	3.79	0.34	mg/Kg	09/22/10		LK	SW6010
Mercury	< 0.07	0.07	mg/Kg	09/22/10		RS	SW-7471
Lead	1.72	0.34	mg/Kg	09/22/10		EK	SW6010
Selenium	< 1.4	1.4	mg/Kg	09/22/10		LK	SW6010
Percent Solid	98		%	09/17/10		JL	E160.3
Soil Extraction for PCB	Completed			09/17/10		BB/F	SW3545
Soil Extraction for SVOA	Completed			09/17/10		BS/F	SW3545
Extraction of CT ETPH	Completed			09/17/10		SS/F	3545
Mercury Digestion	Completed			09/20/10		X	SW7471
Total Metals Digest	Completed			09/20/10		C/AG	SW846 - 3050
Field Extraction	Completed			09/16/10		DETC	SW5035
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.1	ug/Kg	09/18/10		R/L	SW8260
1,1,1-Trichloroethane	ND	5.1	ug/Kg	09/18/10		R/L	SW8260
1,1,2,2-Tetrachloroethane	ND	3.1	ug/Kg	09/18/10		R/L	SW8260
1,1,2-Trichloroethane	ND	5.1	ug/Kg	09/18/10		R/L	SW8260
1,1-Dichloroethane	ND	5.1	ug/Kg	09/18/10		R/L	SW8260
1,1-Dichloroethene	ND	5.1	ug/Kg	09/18/10		R/L	SW8260
1,1-Dichloropropene	ND	5.1	ug/Kg	09/18/10		R/L	SW8260
1,2,3-Trichlorobenzene	ND	5.1	ug/Kg	09/18/10		R/L	SW8260
1,2,3-Trichloropropane	ND	5.1	ug/Kg	09/18/10		R/L	SW8260
1,2,4-Trichlorobenzene	ND	5.1	ug/Kg	09/18/10		R/L	SW8260
1,2,4-Trimethylbenzene	ND	5.1	ug/Kg	09/18/10		R/L	SW8260

Project ID: CONN DOT WESTBROOK SLE STATION **Phoenix I.D.:** AZ55914
Client ID: RR-38 (10-11)

Parameter	Result	RL	Units	Date	Time	By	Reference
1,2-Dibromo-3-chloropropane	ND	5.1	ug/Kg	09/18/10		R/L	SW8260
1,2-Dichlorobenzene	ND	5.1	ug/Kg	09/18/10		R/L	SW8260
1,2-Dichloroethane	ND	5.1	ug/Kg	09/18/10		R/L	SW8260
1,2-Dichloropropane	ND	5.1	ug/Kg	09/18/10		R/L	SW8260
1,3,5-Trimethylbenzene	ND	5.1	ug/Kg	09/18/10		R/L	SW8260
1,3-Dichlorobenzene	ND	5.1	ug/Kg	09/18/10		R/L	SW8260
1,3-Dichloropropane	ND	5.1	ug/Kg	09/18/10		R/L	SW8260
1,4-Dichlorobenzene	ND	5.1	ug/Kg	09/18/10		R/L	SW8260
2,2-Dichloropropane	ND	5.1	ug/Kg	09/18/10		R/L	SW8260
2-Chlorotoluene	ND	5.1	ug/Kg	09/18/10		R/L	SW8260
2-Hexanone	ND	26	ug/Kg	09/18/10		R/L	SW8260
2-Isopropyltoluene	ND	5.1	ug/Kg	09/18/10		R/L	SW8260
4-Chlorotoluene	ND	5.1	ug/Kg	09/18/10		R/L	SW8260
4-Methyl-2-pentanone	ND	26	ug/Kg	09/18/10		R/L	SW8260
Acetone	ND	100	ug/Kg	09/18/10		R/L	SW8260
Acrylonitrile	ND	5.1	ug/Kg	09/18/10		R/L	SW8260
Benzene	ND	5.1	ug/Kg	09/18/10		R/L	SW8260
Bromobenzene	ND	5.1	ug/Kg	09/18/10		R/L	SW8260
Bromochloromethane	ND	5.1	ug/Kg	09/18/10		R/L	SW8260
Bromodichloromethane	ND	5.1	ug/Kg	09/18/10		R/L	SW8260
Bromoform	ND	5.1	ug/Kg	09/18/10		R/L	SW8260
Bromomethane	ND	5.1	ug/Kg	09/18/10		R/L	SW8260
Carbon Disulfide	ND	5.1	ug/Kg	09/18/10		R/L	SW8260
Carbon tetrachloride	ND	5.1	ug/Kg	09/18/10		R/L	SW8260
Chlorobenzene	ND	5.1	ug/Kg	09/18/10		R/L	SW8260
Chloroethane	ND	5.1	ug/Kg	09/18/10		R/L	SW8260
Chloroform	ND	5.1	ug/Kg	09/18/10		R/L	SW8260
Chloromethane	ND	5.1	ug/Kg	09/18/10		R/L	SW8260
cis-1,2-Dichloroethene	ND	5.1	ug/Kg	09/18/10		R/L	SW8260
cis-1,3-Dichloropropene	ND	5.1	ug/Kg	09/18/10		R/L	SW8260
Dibromochloromethane	ND	3.1	ug/Kg	09/18/10		R/L	SW8260
Dibromoethane	ND	5.1	ug/Kg	09/18/10		R/L	SW8260
Dibromomethane	ND	5.1	ug/Kg	09/18/10		R/L	SW8260
Dichlorodifluoromethane	ND	5.1	ug/Kg	09/18/10		R/L	SW8260
Ethylbenzene	ND	5.1	ug/Kg	09/18/10		R/L	SW8260
Hexachlorobutadiene	ND	5.1	ug/Kg	09/18/10		R/L	SW8260
Isopropylbenzene	ND	5.1	ug/Kg	09/18/10		R/L	SW8260
m&p-Xylene	ND	5.1	ug/Kg	09/18/10		R/L	SW8260
Methyl Ethyl Ketone	ND	31	ug/Kg	09/18/10		R/L	SW8260
Methyl t-butyl ether (MTBE)	ND	10	ug/Kg	09/18/10		R/L	SW8260
Methylene chloride	ND	5.1	ug/Kg	09/18/10		R/L	SW8260
Naphthalene	ND	5.1	ug/Kg	09/18/10		R/L	SW8260
n-Butylbenzene	ND	5.1	ug/Kg	09/18/10		R/L	SW8260
n-Propylbenzene	ND	5.1	ug/Kg	09/18/10		R/L	SW8260
o-Xylene	ND	5.1	ug/Kg	09/18/10		R/L	SW8260
p-Isopropyltoluene	ND	5.1	ug/Kg	09/18/10		R/L	SW8260
sec-Butylbenzene	ND	5.1	ug/Kg	09/18/10		R/L	SW8260
Styrene	ND	5.1	ug/Kg	09/18/10		R/L	SW8260
tert-Butylbenzene	ND	5.1	ug/Kg	09/18/10		R/L	SW8260
Tetrachloroethene	ND	5.1	ug/Kg	09/18/10		R/L	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference
Tetrahydrofuran (THF)	ND	10	ug/Kg	09/18/10		R/L	SW8260
Toluene	ND	5.1	ug/Kg	09/18/10		R/L	SW8260
Total Xylenes	ND	5.1	ug/Kg	09/18/10		R/L	SW8260
trans-1,2-Dichloroethene	ND	5.1	ug/Kg	09/18/10		R/L	SW8260
trans-1,3-Dichloropropene	ND	5.1	ug/Kg	09/18/10		R/L	SW8260
trans-1,4-dichloro-2-butene	ND	10	ug/Kg	09/18/10		R/L	SW8260
Trichloroethene	ND	5.1	ug/Kg	09/18/10		R/L	SW8260
Trichlorofluoromethane	ND	5.1	ug/Kg	09/18/10		R/L	SW8260
Trichlorotrifluoroethane	ND	5.1	ug/Kg	09/18/10		R/L	SW8260
Vinyl chloride	ND	5.1	ug/Kg	09/18/10		R/L	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	100		%	09/18/10		R/L	SW8260
% Bromofluorobenzene	95		%	09/18/10		R/L	SW8260
% Dibromofluoromethane	100		%	09/18/10		R/L	SW8260
% Toluene-d8	96		%	09/18/10		R/L	SW8260
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	470	ug/Kg	09/19/10		KCA	SW 8270
1,2,4-Trichlorobenzene	ND	470	ug/Kg	09/19/10		KCA	SW 8270
1,2-Dichlorobenzene	ND	470	ug/Kg	09/19/10		KCA	SW 8270
1,3-Dichlorobenzene	ND	470	ug/Kg	09/19/10		KCA	SW 8270
1,4-Dichlorobenzene	ND	470	ug/Kg	09/19/10		KCA	SW 8270
2,4,5-Trichlorophenol	ND	470	ug/Kg	09/19/10		KCA	SW 8270
2,4,6-Trichlorophenol	ND	470	ug/Kg	09/19/10		KCA	SW 8270
2,4-Dichlorophenol	ND	470	ug/Kg	09/19/10		KCA	SW 8270
2,4-Dimethylphenol	ND	470	ug/Kg	09/19/10		KCA	SW 8270
2,4-Dinitrophenol	ND	1100	ug/Kg	09/19/10		KCA	SW 8270
2,4-Dinitrotoluene	ND	470	ug/Kg	09/19/10		KCA	SW 8270
2,6-Dinitrotoluene	ND	470	ug/Kg	09/19/10		KCA	SW 8270
2-Chloronaphthalene	ND	470	ug/Kg	09/19/10		KCA	SW 8270
2-Chlorophenol	ND	470	ug/Kg	09/19/10		KCA	SW 8270
2-Methylnaphthalene	ND	470	ug/Kg	09/19/10		KCA	SW 8270
2-Methylphenol (o-cresol)	ND	470	ug/Kg	09/19/10		KCA	SW 8270
2-Nitroaniline	ND	1100	ug/Kg	09/19/10		KCA	SW 8270
2-Nitrophenol	ND	470	ug/Kg	09/19/10		KCA	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	670	ug/Kg	09/19/10		KCA	SW 8270
3,3'-Dichlorobenzidine	ND	800	ug/Kg	09/19/10		KCA	SW 8270
3-Nitroaniline	ND	1100	ug/Kg	09/19/10		KCA	SW 8270
4,6-Dinitro-2-methylphenol	ND	1900	ug/Kg	09/19/10		KCA	SW 8270
4-Bromophenyl phenyl ether	ND	670	ug/Kg	09/19/10		KCA	SW 8270
4-Chloro-3-methylphenol	ND	470	ug/Kg	09/19/10		KCA	SW 8270
4-Chloroaniline	ND	470	ug/Kg	09/19/10		KCA	SW 8270
4-Chlorophenyl phenyl ether	ND	470	ug/Kg	09/19/10		KCA	SW 8270
4-Nitroaniline	ND	1100	ug/Kg	09/19/10		KCA	SW 8270
4-Nitrophenol	ND	1900	ug/Kg	09/19/10		KCA	SW 8270
Acenaphthene	ND	470	ug/Kg	09/19/10		KCA	SW 8270
Acenaphthylene	ND	470	ug/Kg	09/19/10		KCA	SW 8270
Acetophenone	ND	470	ug/Kg	09/19/10		KCA	SW 8270
Aniline	ND	1900	ug/Kg	09/19/10		KCA	SW 8270
Anthracene	ND	470	ug/Kg	09/19/10		KCA	SW 8270

Project ID: CONN DOT WESTBROOK SLE STATION **Phoenix I.D.:** AZ55914
Client ID: RR-38 (10-11)

Parameter	Result	RL	Units	Date	Time	By	Reference
Azobenzene	ND	670	ug/Kg	09/19/10		KCA	SW 8270
Benz(a)anthracene	ND	470	ug/Kg	09/19/10		KCA	SW 8270
Benzidine	ND	800	ug/Kg	09/19/10		KCA	SW 8270
Benzo(a)pyrene	ND	470	ug/Kg	09/19/10		KCA	SW 8270
Benzo(b)fluoranthene	ND	470	ug/Kg	09/19/10		KCA	SW 8270
Benzo(ghi)perylene	ND	470	ug/Kg	09/19/10		KCA	SW 8270
Benzo(k)fluoranthene	ND	470	ug/Kg	09/19/10		KCA	SW 8270
Benzoic acid	ND	1900	ug/Kg	09/19/10		KCA	SW 8270
Benzyl butyl phthalate	ND	470	ug/Kg	09/19/10		KCA	SW 8270
Bis(2-chloroethoxy)methane	ND	470	ug/Kg	09/19/10		KCA	SW 8270
Bis(2-chloroethyl)ether	ND	670	ug/Kg	09/19/10		KCA	SW 8270
Bis(2-chloroisopropyl)ether	ND	470	ug/Kg	09/19/10		KCA	SW 8270
Bis(2-ethylhexyl)phthalate	ND	470	ug/Kg	09/19/10		KCA	SW 8270
Carbazole	ND	1900	ug/Kg	09/19/10		KCA	SW 8270
Chrysene	ND	470	ug/Kg	09/19/10		KCA	SW 8270
Dibenz(a,h)anthracene	ND	470	ug/Kg	09/19/10		KCA	SW 8270
Dibenzofuran	ND	470	ug/Kg	09/19/10		KCA	SW 8270
Diethyl phthalate	ND	470	ug/Kg	09/19/10		KCA	SW 8270
Dimethylphthalate	ND	470	ug/Kg	09/19/10		KCA	SW 8270
Di-n-butylphthalate	ND	470	ug/Kg	09/19/10		KCA	SW 8270
Di-n-octylphthalate	ND	470	ug/Kg	09/19/10		KCA	SW 8270
Fluoranthene	ND	470	ug/Kg	09/19/10		KCA	SW 8270
Fluorene	ND	470	ug/Kg	09/19/10		KCA	SW 8270
Hexachlorobenzene	ND	470	ug/Kg	09/19/10		KCA	SW 8270
Hexachlorobutadiene	ND	470	ug/Kg	09/19/10		KCA	SW 8270
Hexachlorocyclopentadiene	ND	470	ug/Kg	09/19/10		KCA	SW 8270
Hexachloroethane	ND	470	ug/Kg	09/19/10		KCA	SW 8270
Indeno(1,2,3-cd)pyrene	ND	470	ug/Kg	09/19/10		KCA	SW 8270
Isophorone	ND	470	ug/Kg	09/19/10		KCA	SW 8270
Naphthalene	ND	470	ug/Kg	09/19/10		KCA	SW 8270
Nitrobenzene	ND	470	ug/Kg	09/19/10		KCA	SW 8270
N-Nitrosodimethylamine	ND	670	ug/Kg	09/19/10		KCA	SW 8270
N-Nitrosodi-n-propylamine	ND	470	ug/Kg	09/19/10		KCA	SW 8270
N-Nitrosodiphenylamine	ND	670	ug/Kg	09/19/10		KCA	SW 8270
Pentachloronitrobenzene	ND	670	ug/Kg	09/19/10		KCA	SW 8270
Pentachlorophenol	ND	670	ug/Kg	09/19/10		KCA	SW 8270
Phenanthrene	ND	470	ug/Kg	09/19/10		KCA	SW 8270
Phenol	ND	470	ug/Kg	09/19/10		KCA	SW 8270
Pyrene	ND	470	ug/Kg	09/19/10		KCA	SW 8270
Pyridine	ND	670	ug/Kg	09/19/10		KCA	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	69		%	09/19/10		KCA	SW 8270
% 2-Fluorobiphenyl	49		%	09/19/10		KCA	SW 8270
% 2-Fluorophenol	53		%	09/19/10		KCA	SW 8270
% Nitrobenzene-d5	51		%	09/19/10		KCA	SW 8270
% Phenol-d5	53		%	09/19/10		KCA	SW 8270
% Terphenyl-d14	27		%	09/19/10		KCA	SW 8270
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	10	mg/Kg	09/20/10		JRB	CT ETPH/8015

Project ID: CONN DOT WESTBROOK SLE STATION
Client ID: RR-38 (10-11)

Phoenix I.D.: AZ55914

Parameter	Result	RL	Units	Date	Time	By	Reference
Identification	ND		mg/Kg	09/20/10		JRB	CT ETPH/8015
QA/QC Surrogates							
% n-Pentacosane	84		%	09/20/10		JRB	CT ETPH/8015
Polychlorinated Biphenyls							
PCB-1016	ND	330	ug/Kg	09/20/10		MH	SW 8082
PCB-1221	ND	330	ug/Kg	09/20/10		MH	SW 8082
PCB-1232	ND	330	ug/Kg	09/20/10		MH	SW 8082
PCB-1242	ND	330	ug/Kg	09/20/10		MH	SW 8082
PCB-1248	ND	330	ug/Kg	09/20/10		MH	SW 8082
PCB-1254	ND	330	ug/Kg	09/20/10		MH	SW 8082
PCB-1260	ND	330	ug/Kg	09/20/10		MH	SW 8082
PCB-1262	ND	330	ug/Kg	09/20/10		MH	SW 8082
PCB-1268	ND	330	ug/Kg	09/20/10		MH	SW 8082
QA/QC Surrogates							
% DCBP	85		%	09/20/10		MH	SW 8082
% TCMX	72		%	09/20/10		MH	SW 8082

Comments:

* Poor surrogate recovery was observed for semivolatiles. The other surrogates associated with this sample were within QA/QC criteria. No further action was necessary.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller

Phyllis Shiller, Laboratory Director
September 28, 2010

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

September 27, 2010

FOR: Attn: Mr. Chris Koelle
Diversified Tech. Consultants
2321 Whitney Avenue 3rd floor
Hamden Center II
Hamden CT 06518

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		09/16/10	12:55
Location Code:	DTECHDAS	Received by:	SW	09/17/10	16:11
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GAZ55910
Phoenix ID: AZ55915

Project ID: CONN DOT WESTBROOK SLE STATION

Client ID: TRIP BLANK

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	09/20/10		JL	E160.3
Field Extraction	Completed			09/16/10		DETC	SW5035
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	09/18/10		R/L	SW8260
1,1,1-Trichloroethane	ND	5.0	ug/Kg	09/18/10		R/L	SW8260
1,1,2,2-Tetrachloroethane	ND	3.0	ug/Kg	09/18/10		R/L	SW8260
1,1,2-Trichloroethane	ND	5.0	ug/Kg	09/18/10		R/L	SW8260
1,1-Dichloroethane	ND	5.0	ug/Kg	09/18/10		R/L	SW8260
1,1-Dichloroethene	ND	5.0	ug/Kg	09/18/10		R/L	SW8260
1,1-Dichloropropene	ND	5.0	ug/Kg	09/18/10		R/L	SW8260
1,2,3-Trichlorobenzene	ND	5.0	ug/Kg	09/18/10		R/L	SW8260
1,2,3-Trichloropropane	ND	5.0	ug/Kg	09/18/10		R/L	SW8260
1,2,4-Trichlorobenzene	ND	5.0	ug/Kg	09/18/10		R/L	SW8260
1,2,4-Trimethylbenzene	ND	5.0	ug/Kg	09/18/10		R/L	SW8260
1,2-Dibromo-3-chloropropane	ND	5.0	ug/Kg	09/18/10		R/L	SW8260
1,2-Dichlorobenzene	ND	5.0	ug/Kg	09/18/10		R/L	SW8260
1,2-Dichloroethane	ND	5.0	ug/Kg	09/18/10		R/L	SW8260
1,2-Dichloropropane	ND	5.0	ug/Kg	09/18/10		R/L	SW8260
1,3,5-Trimethylbenzene	ND	5.0	ug/Kg	09/18/10		R/L	SW8260
1,3-Dichlorobenzene	ND	5.0	ug/Kg	09/18/10		R/L	SW8260
1,3-Dichloropropane	ND	5.0	ug/Kg	09/18/10		R/L	SW8260
1,4-Dichlorobenzene	ND	5.0	ug/Kg	09/18/10		R/L	SW8260
2,2-Dichloropropane	ND	5.0	ug/Kg	09/18/10		R/L	SW8260
2-Chlorotoluene	ND	5.0	ug/Kg	09/18/10		R/L	SW8260
2-Hexanone	ND	25	ug/Kg	09/18/10		R/L	SW8260
2-Isopropyltoluene	ND	5.0	ug/Kg	09/18/10		R/L	SW8260
4-Chlorotoluene	ND	5.0	ug/Kg	09/18/10		R/L	SW8260

Project ID: CONN DOT WESTBROOK SLE STATION **Phoenix I.D.:** AZ55915

Client ID: TRIP BLANK

Parameter	Result	RL	Units	Date	Time	By	Reference
4-Methyl-2-pentanone	ND	25	ug/Kg	09/18/10		R/L	SW8260
Acetone	ND	100	ug/Kg	09/18/10		R/L	SW8260
Acrylonitrile	ND	5.0	ug/Kg	09/18/10		R/L	SW8260
Benzene	ND	5.0	ug/Kg	09/18/10		R/L	SW8260
Bromobenzene	ND	5.0	ug/Kg	09/18/10		R/L	SW8260
Bromochloromethane	ND	5.0	ug/Kg	09/18/10		R/L	SW8260
Bromodichloromethane	ND	5.0	ug/Kg	09/18/10		R/L	SW8260
Bromoform	ND	5.0	ug/Kg	09/18/10		R/L	SW8260
Bromomethane	ND	5.0	ug/Kg	09/18/10		R/L	SW8260
Carbon Disulfide	ND	5.0	ug/Kg	09/18/10		R/L	SW8260
Carbon tetrachloride	ND	5.0	ug/Kg	09/18/10		R/L	SW8260
Chlorobenzene	ND	5.0	ug/Kg	09/18/10		R/L	SW8260
Chloroethane	ND	5.0	ug/Kg	09/18/10		R/L	SW8260
Chloroform	ND	5.0	ug/Kg	09/18/10		R/L	SW8260
Chloromethane	ND	5.0	ug/Kg	09/18/10		R/L	SW8260
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	09/18/10		R/L	SW8260
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	09/18/10		R/L	SW8260
Dibromochloromethane	ND	3.0	ug/Kg	09/18/10		R/L	SW8260
Dibromoethane	ND	5.0	ug/Kg	09/18/10		R/L	SW8260
Dibromomethane	ND	5.0	ug/Kg	09/18/10		R/L	SW8260
Dichlorodifluoromethane	ND	5.0	ug/Kg	09/18/10		R/L	SW8260
Ethylbenzene	ND	5.0	ug/Kg	09/18/10		R/L	SW8260
Hexachlorobutadiene	ND	5.0	ug/Kg	09/18/10		R/L	SW8260
Isopropylbenzene	ND	5.0	ug/Kg	09/18/10		R/L	SW8260
m&p-Xylene	ND	5.0	ug/Kg	09/18/10		R/L	SW8260
Methyl Ethyl Ketone	ND	30	ug/Kg	09/18/10		R/L	SW8260
Methyl t-butyl ether (MTBE)	ND	10	ug/Kg	09/18/10		R/L	SW8260
Methylene chloride	ND	5.0	ug/Kg	09/18/10		R/L	SW8260
Naphthalene	ND	5.0	ug/Kg	09/18/10		R/L	SW8260
n-Butylbenzene	ND	5.0	ug/Kg	09/18/10		R/L	SW8260
n-Propylbenzene	ND	5.0	ug/Kg	09/18/10		R/L	SW8260
o-Xylene	ND	5.0	ug/Kg	09/18/10		R/L	SW8260
p-Isopropyltoluene	ND	5.0	ug/Kg	09/18/10		R/L	SW8260
sec-Butylbenzene	ND	5.0	ug/Kg	09/18/10		R/L	SW8260
Styrene	ND	5.0	ug/Kg	09/18/10		R/L	SW8260
tert-Butylbenzene	ND	5.0	ug/Kg	09/18/10		R/L	SW8260
Tetrachloroethene	ND	5.0	ug/Kg	09/18/10		R/L	SW8260
Tetrahydrofuran (THF)	ND	10	ug/Kg	09/18/10		R/L	SW8260
Toluene	ND	5.0	ug/Kg	09/18/10		R/L	SW8260
Total Xylenes	ND	5.0	ug/Kg	09/18/10		R/L	SW8260
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	09/18/10		R/L	SW8260
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	09/18/10		R/L	SW8260
trans-1,4-dichloro-2-butene	ND	10	ug/Kg	09/18/10		R/L	SW8260
Trichloroethene	ND	5.0	ug/Kg	09/18/10		R/L	SW8260
Trichlorofluoromethane	ND	5.0	ug/Kg	09/18/10		R/L	SW8260
Trichlorotrifluoroethane	ND	5.0	ug/Kg	09/18/10		R/L	SW8260
Vinyl chloride	ND	5.0	ug/Kg	09/18/10		R/L	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	95		%	09/18/10		R/L	SW8260
% Bromofluorobenzene	98		%	09/18/10		R/L	SW8260

Project ID: CONN DOT WESTBROOK SLE STATION

Client ID: TRIP BLANK

Phoenix I.D.: AZ55915

Parameter	Result	RL	Units	Date	Time	By	Reference
% Dibromofluoromethane	101		%	09/18/10		R/L	SW8260
% Toluene-d8	98		%	09/18/10		R/L	SW8260

Comments:

TRIP BLANK INCLUDED. %SOLIDS ASSUMED 100%

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director

September 28, 2010

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

September 27, 2010

FOR: Attn: Mr. Chris Koelle
Diversified Tech. Consultants
2321 Whitney Avenue 3rd floor
Hamden Center II
Hamden CT 06518

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		09/17/10	8:00
Location Code:	DTECHDAS	Received by:	SW	09/17/10	16:11
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GAZ55910
Phoenix ID: AZ55916

Project ID: CONN DOT WESTBROOK SLE STATION

Client ID: RR-32

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.001	0.001	mg/L	09/24/10		LK	6010/200.7
Arsenic	< 0.004	0.004	mg/L	09/24/10		LK	6010/200.7
Barium	0.010	0.002	mg/L	09/24/10		LK	6010/200.7
Cadmium	< 0.001	0.001	mg/L	09/24/10		LK	6010/200.7
Chromium	< 0.001	0.001	mg/L	09/24/10		LK	6010/200.7
Copper	< 0.001	0.001	mg/L	09/24/10		LK	6010/200.7
Silver (Dissolved)	< 0.001	0.001	mg/L	09/20/10		EK	6010/200.7
Arsenic (Dissolved)	< 0.004	0.004	mg/L	09/20/10		EK	6010/200.7
Barium (Dissolved)	0.011	0.002	mg/L	09/20/10		EK	6010/200.7
Cadmium (Dissolved)	< 0.001	0.001	mg/L	09/20/10		EK	6010/200.7
Chromium (Dissolved)	< 0.001	0.001	mg/L	09/20/10		EK	6010/200.7
Copper (Dissolved)	< 0.001	0.001	mg/L	09/20/10		EK	6010/200.7
Mercury (Dissolved)	< 0.0002	0.0002	mg/L	09/21/10		RS	7470/E245.1
Lead (Dissolved)	< 0.002	0.002	mg/L	09/20/10		EK	6010/200.7
Selenium (Dissolved)	< 0.011	0.011	mg/L	09/20/10		EK	6010/200.7
Zinc (Dissolved)	0.008	0.002	mg/L	09/20/10		EK	6010/200.7
Mercury	< 0.0002	0.0002	mg/L	09/21/10		RS	7470/E245.1
Lead	< 0.002	0.002	mg/L	09/24/10		LK	6010/200.7
Selenium	< 0.010	0.010	mg/L	09/24/10		LK	6010/200.7
Zinc	0.005	0.002	mg/L	09/24/10		LK	6010/200.7
O&G, Non-polar Material	< 1.4	1.4	mg/L	09/27/10		MF	Mod. E1664A
Filtration	Completed			09/17/10		AG	0.45um Filter
Dissolved Mercury Digestion	Completed			09/20/10		X	SW7470
Mercury Digestion	Completed			09/20/10		X	7471/245.1
PCB Extraction	Completed			09/19/10		O/O	SW3500B/3510C
Extraction for Pest (2 Liter)	Completed			09/20/10		O/O	3520MOD
Semi-Volatile Extraction	Completed			09/21/10		O/L	SW3510/3520
Dissolved Metals Preparation	Completed			09/17/10		AG	SW846-3005

Project ID: CONN DOT WESTBROOK SLE STATION **Phoenix I.D.:** AZ55916
Client ID: RR-32

Parameter	Result	RL	Units	Date	Time	By	Reference
Total Metals Digestion	Completed			09/17/10		AG	
Pesticides							
4,4' -DDD	ND	0.1	ug/L	09/21/10		MH	SW8081
4,4' -DDE	ND	0.1	ug/L	09/21/10		MH	SW8081
4,4' -DDT	ND	0.1	ug/L	09/21/10		MH	SW8081
a-BHC	ND	0.05	ug/L	09/21/10		MH	SW8081
Alachlor	ND	0.1	ug/L	09/21/10		MH	SW8081
Aldrin	ND	0.003	ug/L	09/21/10		MH	SW8081
b-BHC	ND	0.01	ug/L	09/21/10		MH	SW8081
Chlordane	ND	0.3	ug/L	09/21/10		MH	SW8081
d-BHC	ND	0.05	ug/L	09/21/10		MH	SW8081
Dieldrin	ND	0.002	ug/L	09/21/10		MH	SW8081
Endosulfan I	ND	0.05	ug/L	09/21/10		MH	SW8081
Endosulfan II	ND	0.1	ug/L	09/21/10		MH	SW8081
Endosulfan Sulfate	ND	0.1	ug/L	09/21/10		MH	SW8081
Endrin	ND	0.1	ug/L	09/21/10		MH	SW8081
Endrin Aldehyde	ND	0.1	ug/L	09/21/10		MH	SW8081
g-BHC (Lindane)	ND	0.05	ug/L	09/21/10		MH	SW8081
Heptachlor	ND	0.05	ug/L	09/21/10		MH	SW8081
Heptachlor epoxide	ND	0.05	ug/L	09/21/10		MH	SW8081
Methoxychlor	ND	0.2	ug/L	09/21/10		MH	SW8081
Toxaphene	ND	1.0	ug/L	09/21/10		MH	SW8081
QA/QC Surrogates							
%DCBP (Surrogate Rec)	52		%	09/21/10		MH	SW8081
%TCMX (Surrogate Rec)	36		%	09/21/10		MH	SW8081
Volatiles							
1,1,1-Trichloroethane	ND	5.0	ug/L	09/18/10		R/L	E624
1,1,2,2-tetrachloroethane	ND	5.0	ug/L	09/18/10		R/L	E624
1,1,2-Trichloroethane	ND	5.0	ug/L	09/18/10		R/L	E624
1,1-Dichloroethane	ND	5.0	ug/L	09/18/10		R/L	E624
1,1-Dichloroethene	ND	5.0	ug/L	09/18/10		R/L	E624
1,2-Dichlorobenzene	ND	5.0	ug/L	09/18/10		R/L	E624
1,2-Dichloroethane	ND	5.0	ug/L	09/18/10		R/L	E624
1,2-Dichloropropane	ND	5.0	ug/L	09/18/10		R/L	E624
1,3-Dichlorobenzene	ND	5.0	ug/L	09/18/10		R/L	E624
1,4-Dichlorobenzene	ND	5.0	ug/L	09/18/10		R/L	E624
2-Chloroethyl vinyl ether	ND	5.0	ug/L	09/18/10		R/L	E624
Acrolein	ND	25	ug/L	09/18/10		R/L	E624
Benzene	ND	5.0	ug/L	09/18/10		R/L	E624
Bromodichloromethane	ND	5.0	ug/L	09/18/10		R/L	E624
Bromoform	ND	5.0	ug/L	09/18/10		R/L	E624
Bromomethane	ND	5.0	ug/L	09/18/10		R/L	E624
Carbon tetrachloride	ND	5.0	ug/L	09/18/10		R/L	E624
Chlorobenzene	ND	5.0	ug/L	09/18/10		R/L	E624
Chloroethane	ND	5.0	ug/L	09/18/10		R/L	E624
Chloroform	ND	5.0	ug/L	09/18/10		R/L	E624
Chloromethane	ND	5.0	ug/L	09/18/10		R/L	E624
cis-1,2-Dichloroethene	ND	5.0	ug/L	09/18/10		R/L	E624

Project ID: CONN DOT WESTBROOK SLE STATION
Client ID: RR-32

Phoenix I.D.: AZ55916

Parameter	Result	RL	Units	Date	Time	By	Reference
cis-1,3-Dichloropropene	ND	5.0	ug/L	09/18/10		R/L	E624
Dibromochloromethane	ND	5.0	ug/L	09/18/10		R/L	E624
Ethylbenzene	ND	5.0	ug/L	09/18/10		R/L	E624
m&p-Xylene	ND	5.0	ug/L	09/18/10		R/L	E624
Methyl t-butyl ether (MTBE)	ND	10	ug/L	09/18/10		R/L	E624
Methylene chloride	ND	5.0	ug/L	09/18/10		R/L	E624
o-Xylene	ND	5.0	ug/L	09/18/10		R/L	E624
Tetrachloroethene	ND	5.0	ug/L	09/18/10		R/L	E624
Toluene	ND	5.0	ug/L	09/18/10		R/L	E624
trans-1,2-Dichloroethene	ND	5.0	ug/L	09/18/10		R/L	E624
trans-1,3-Dichloropropene	ND	5.0	ug/L	09/18/10		R/L	E624
Trichloroethene	ND	5.0	ug/L	09/18/10		R/L	E624
Trichlorofluoromethane	ND	5.0	ug/L	09/18/10		R/L	E624
Vinyl chloride	ND	5.0	ug/L	09/18/10		R/L	E624
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	103		%	09/18/10		R/L	E624
% Bromofluorobenzene	97		%	09/18/10		R/L	E624
% Dibromofluoromethane	105		%	09/18/10		R/L	E624
% Toluene-d8	99		%	09/18/10		R/L	E624
Base Neutrals & Acid Compounds							
1,2,4-Trichlorobenzene	ND	10	ug/L	09/23/10		KCA	E625
1,2-Dichlorobenzene	ND	10	ug/L	09/23/10		KCA	E625
1,2-Diphenylhydrazine	ND	10	ug/L	09/23/10		KCA	E625
1,3-Dichlorobenzene	ND	10	ug/L	09/23/10		KCA	E625
1,4-Dichlorobenzene	ND	10	ug/L	09/23/10		KCA	E625
2,4,6-Trichlorophenol	ND	10	ug/L	09/23/10		KCA	E625
2,4-Dichlorophenol	ND	10	ug/L	09/23/10		KCA	E625
2,4-Dimethylphenol	ND	10	ug/L	09/23/10		KCA	E625
2,4-Dinitrophenol	ND	51	ug/L	09/23/10		KCA	E625
2,4-Dinitrotoluene	ND	10	ug/L	09/23/10		KCA	E625
2,6-Dinitrotoluene	ND	10	ug/L	09/23/10		KCA	E625
2-Chloronaphthalene	ND	10	ug/L	09/23/10		KCA	E625
2-Chlorophenol	ND	10	ug/L	09/23/10		KCA	E625
2-Nitrophenol	ND	10	ug/L	09/23/10		KCA	E625
3,3-Dichlorobenzidine	ND	20	ug/L	09/23/10		KCA	E625
4,6-Dinitro-2-methylphenol	ND	51	ug/L	09/23/10		KCA	E625
4-Bromophenyl phenyl ether	ND	10	ug/L	09/23/10		KCA	E625
4-Chloro-3-methylphenol	ND	20	ug/L	09/23/10		KCA	E625
4-Chlorophenyl phenyl ether	ND	10	ug/L	09/23/10		KCA	E625
4-Nitrophenol	ND	51	ug/L	09/23/10		KCA	E625
Acenaphthene	ND	10	ug/L	09/23/10		KCA	E625
Acenaphthylene	ND	10	ug/L	09/23/10		KCA	E625
Anthracene	ND	10	ug/L	09/23/10		KCA	E625
Benz(a)anthracene	ND	10	ug/L	09/23/10		KCA	E625
Benzidine	ND	10	ug/L	09/23/10		KCA	E625
Benzo(a)pyrene	ND	10	ug/L	09/23/10		KCA	E625
Benzo(b)fluoranthene	ND	10	ug/L	09/23/10		KCA	E625
Benzo(ghi)perylene	ND	10	ug/L	09/23/10		KCA	E625
Benzo(k)fluoranthene	ND	10	ug/L	09/23/10		KCA	E625

Parameter	Result	RL	Units	Date	Time	By	Reference
Benzyl butyl phthalate	ND	10	ug/L	09/23/10		KCA	E625
Bis(2-chloroethoxy)methane	ND	10	ug/L	09/23/10		KCA	E625
Bis(2-chloroethyl)ether	ND	10	ug/L	09/23/10		KCA	E625
Bis(2-chloroisopropyl)ether	ND	10	ug/L	09/23/10		KCA	E625
Bis(2-ethylhexyl)phthalate	ND	10	ug/L	09/23/10		KCA	E625
Chrysene	ND	10	ug/L	09/23/10		KCA	E625
Dibenz(a,h)anthracene	ND	10	ug/L	09/23/10		KCA	E625
Diethyl phthalate	ND	10	ug/L	09/23/10		KCA	E625
Dimethylphthalate	ND	10	ug/L	09/23/10		KCA	E625
Di-n-butylphthalate	ND	10	ug/L	09/23/10		KCA	E625
Di-n-octylphthalate	ND	10	ug/L	09/23/10		KCA	E625
Fluoranthene	ND	10	ug/L	09/23/10		KCA	E625
Fluorene	ND	10	ug/L	09/23/10		KCA	E625
Hexachlorobenzene	ND	10	ug/L	09/23/10		KCA	E625
Hexachlorobutadiene	ND	10	ug/L	09/23/10		KCA	E625
Hexachlorocyclopentadiene	ND	10	ug/L	09/23/10		KCA	E625
Hexachloroethane	ND	10	ug/L	09/23/10		KCA	E625
Indeno(1,2,3-cd)pyrene	ND	10	ug/L	09/23/10		KCA	E625
Isophorone	ND	10	ug/L	09/23/10		KCA	E625
Naphthalene	ND	10	ug/L	09/23/10		KCA	E625
Nitrobenzene	ND	10	ug/L	09/23/10		KCA	E625
N-Nitrosodimethylamine	ND	10	ug/L	09/23/10		KCA	E625
N-Nitrosodi-n-propylamine	ND	10	ug/L	09/23/10		KCA	E625
N-Nitrosodiphenylamine	ND	10	ug/L	09/23/10		KCA	E625
Pentachlorophenol	ND	51	ug/L	09/23/10		KCA	E625
Phenanthrene	ND	10	ug/L	09/23/10		KCA	E625
Phenol	ND	10	ug/L	09/23/10		KCA	E625
Pyrene	ND	10	ug/L	09/23/10		KCA	E625
QA/QC Surrogates							
% 2,4,6-Tribromophenol	82		%	09/23/10		KCA	E625
% 2-Fluorobiphenyl	82		%	09/23/10		KCA	E625
% 2-Fluorophenol	23		%	09/23/10		KCA	E625
% Nitrobenzene-d5	73		%	09/23/10		KCA	E625
% Phenol-d5	33		%	09/23/10		KCA	E625
% Terphenyl-d14	105		%	09/23/10		KCA	E625
Polychlorinated Biphenyls							
PCB-1016	ND	0.50	ug/L	09/20/10		MH	608/ 8082
PCB-1221	ND	0.50	ug/L	09/20/10		MH	608/ 8082
PCB-1232	ND	0.50	ug/L	09/20/10		MH	608/ 8082
PCB-1242	ND	0.50	ug/L	09/20/10		MH	608/ 8082
PCB-1248	ND	0.50	ug/L	09/20/10		MH	608/ 8082
PCB-1254	ND	0.50	ug/L	09/20/10		MH	608/ 8082
PCB-1260	ND	0.50	ug/L	09/20/10		MH	608/ 8082
PCB-1262	ND	0.50	ug/L	09/20/10		MH	608/ 8082
PCB-1268	ND	0.50	ug/L	09/20/10		MH	608/ 8082
QA/QC Surrogates							
% DCBP	103		%	09/20/10		MH	608/ 8082
% TCMX	84		%	09/20/10		MH	608/ 8082

Project ID: CONN DOT WESTBROOK SLE STATION

Client ID: RR-32

Phoenix I.D.: AZ55916

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

* Poor surrogate recovery was observed for semivolatiles. The other surrogates associated with this sample were within QA/QC criteria. No further action was necessary.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director

September 28, 2010

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

September 27, 2010

FOR: Attn: Mr. Chris Koelle
Diversified Tech. Consultants
2321 Whitney Avenue 3rd floor
Hamden Center II
Hamden CT 06518

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		09/17/10	0:00
Location Code:	DTECHDAS	Received by:	SW	09/17/10	16:11
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GAZ55910
Phoenix ID: AZ55917

Project ID: CONN DOT WESTBROOK SLE STATION

Client ID: DUPLICATE

Parameter	Result	RL	Units	Date	Time	By	Reference
O&G, Non-polar Material	< 1.4	1.4	mg/L	09/27/10		MF	Mod. E1664A
Volatiles							
1,1,1-Trichloroethane	ND	5.0	ug/L	09/18/10		R/L	E624
1,1,2,2-tetrachloroethane	ND	5.0	ug/L	09/18/10		R/L	E624
1,1,2-Trichloroethane	ND	5.0	ug/L	09/18/10		R/L	E624
1,1-Dichloroethane	ND	5.0	ug/L	09/18/10		R/L	E624
1,1-Dichloroethene	ND	5.0	ug/L	09/18/10		R/L	E624
1,2-Dichlorobenzene	ND	5.0	ug/L	09/18/10		R/L	E624
1,2-Dichloroethane	ND	5.0	ug/L	09/18/10		R/L	E624
1,2-Dichloropropane	ND	5.0	ug/L	09/18/10		R/L	E624
1,3-Dichlorobenzene	ND	5.0	ug/L	09/18/10		R/L	E624
1,4-Dichlorobenzene	ND	5.0	ug/L	09/18/10		R/L	E624
2-Chloroethyl vinyl ether	ND	5.0	ug/L	09/18/10		R/L	E624
Acrolein	ND	25	ug/L	09/18/10		R/L	E624
Benzene	ND	5.0	ug/L	09/18/10		R/L	E624
Bromodichloromethane	ND	5.0	ug/L	09/18/10		R/L	E624
Bromoform	ND	5.0	ug/L	09/18/10		R/L	E624
Bromomethane	ND	5.0	ug/L	09/18/10		R/L	E624
Carbon tetrachloride	ND	5.0	ug/L	09/18/10		R/L	E624
Chlorobenzene	ND	5.0	ug/L	09/18/10		R/L	E624
Chloroethane	ND	5.0	ug/L	09/18/10		R/L	E624
Chloroform	ND	5.0	ug/L	09/18/10		R/L	E624
Chloromethane	ND	5.0	ug/L	09/18/10		R/L	E624
cis-1,2-Dichloroethene	ND	5.0	ug/L	09/18/10		R/L	E624
cis-1,3-Dichloropropene	ND	5.0	ug/L	09/18/10		R/L	E624
Dibromochloromethane	ND	5.0	ug/L	09/18/10		R/L	E624
Ethylbenzene	ND	5.0	ug/L	09/18/10		R/L	E624

Project ID: CONN DOT WESTBROOK SLE STATION **Phoenix I.D.:** AZ55917
Client ID: DUPLICATE

Parameter	Result	RL	Units	Date	Time	By	Reference
m&p-Xylene	ND	5.0	ug/L	09/18/10		R/L	E624
Methyl t-butyl ether (MTBE)	ND	10	ug/L	09/18/10		R/L	E624
Methylene chloride	ND	5.0	ug/L	09/18/10		R/L	E624
o-Xylene	ND	5.0	ug/L	09/18/10		R/L	E624
Tetrachloroethene	ND	5.0	ug/L	09/18/10		R/L	E624
Toluene	ND	5.0	ug/L	09/18/10		R/L	E624
trans-1,2-Dichloroethene	ND	5.0	ug/L	09/18/10		R/L	E624
trans-1,3-Dichloropropene	ND	5.0	ug/L	09/18/10		R/L	E624
Trichloroethene	ND	5.0	ug/L	09/18/10		R/L	E624
Trichlorofluoromethane	ND	5.0	ug/L	09/18/10		R/L	E624
Vinyl chloride	ND	5.0	ug/L	09/18/10		R/L	E624
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	101		%	09/18/10		R/L	E624
% Bromofluorobenzene	94		%	09/18/10		R/L	E624
% Dibromofluoromethane	102		%	09/18/10		R/L	E624
% Toluene-d8	96		%	09/18/10		R/L	E624

Comments:

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ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director
September 28, 2010

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

September 27, 2010

FOR: Attn: Mr. Chris Koelle
Diversified Tech. Consultants
2321 Whitney Avenue 3rd floor
Hamden Center II
Hamden CT 06518

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:		09/17/10	9:20
Location Code:	DTECHDAS	Received by:	SW	09/17/10	16:11
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GAZ55910
Phoenix ID: AZ55918

Project ID: CONN DOT WESTBROOK SLE STATION

Client ID: FIELD BLANK

Parameter	Result	RL	Units	Date	Time	By	Reference
Volatiles							
1,1,1-Trichloroethane	ND	5.0	ug/L	09/17/10		R/L	E624
1,1,2,2-tetrachloroethane	ND	5.0	ug/L	09/17/10		R/L	E624
1,1,2-Trichloroethane	ND	5.0	ug/L	09/17/10		R/L	E624
1,1-Dichloroethane	ND	5.0	ug/L	09/17/10		R/L	E624
1,1-Dichloroethene	ND	5.0	ug/L	09/17/10		R/L	E624
1,2-Dichlorobenzene	ND	5.0	ug/L	09/17/10		R/L	E624
1,2-Dichloroethane	ND	5.0	ug/L	09/17/10		R/L	E624
1,2-Dichloropropane	ND	5.0	ug/L	09/17/10		R/L	E624
1,3-Dichlorobenzene	ND	5.0	ug/L	09/17/10		R/L	E624
1,4-Dichlorobenzene	ND	5.0	ug/L	09/17/10		R/L	E624
2-Chloroethyl vinyl ether	ND	5.0	ug/L	09/17/10		R/L	E624
Acrolein	ND	25	ug/L	09/17/10		R/L	E624
Benzene	ND	5.0	ug/L	09/17/10		R/L	E624
Bromodichloromethane	ND	5.0	ug/L	09/17/10		R/L	E624
Bromoform	ND	5.0	ug/L	09/17/10		R/L	E624
Bromomethane	ND	5.0	ug/L	09/17/10		R/L	E624
Carbon tetrachloride	ND	5.0	ug/L	09/17/10		R/L	E624
Chlorobenzene	ND	5.0	ug/L	09/17/10		R/L	E624
Chloroethane	ND	5.0	ug/L	09/17/10		R/L	E624
Chloroform	ND	5.0	ug/L	09/17/10		R/L	E624
Chloromethane	ND	5.0	ug/L	09/17/10		R/L	E624
cis-1,2-Dichloroethene	ND	5.0	ug/L	09/17/10		R/L	E624
cis-1,3-Dichloropropene	ND	5.0	ug/L	09/17/10		R/L	E624
Dibromochloromethane	ND	5.0	ug/L	09/17/10		R/L	E624
Ethylbenzene	ND	5.0	ug/L	09/17/10		R/L	E624
m&p-Xylene	ND	5.0	ug/L	09/17/10		R/L	E624

Project ID: CONN DOT WESTBROOK SLE STATION **Phoenix I.D.:** AZ55918

Client ID: FIELD BLANK

Parameter	Result	RL	Units	Date	Time	By	Reference
Methyl t-butyl ether (MTBE)	ND	10	ug/L	09/17/10		R/L	E624
Methylene chloride	ND	5.0	ug/L	09/17/10		R/L	E624
o-Xylene	ND	5.0	ug/L	09/17/10		R/L	E624
Tetrachloroethene	ND	5.0	ug/L	09/17/10		R/L	E624
Toluene	ND	5.0	ug/L	09/17/10		R/L	E624
trans-1,2-Dichloroethene	ND	5.0	ug/L	09/17/10		R/L	E624
trans-1,3-Dichloropropene	ND	5.0	ug/L	09/17/10		R/L	E624
Trichloroethene	ND	5.0	ug/L	09/17/10		R/L	E624
Trichlorofluoromethane	ND	5.0	ug/L	09/17/10		R/L	E624
Vinyl chloride	ND	5.0	ug/L	09/17/10		R/L	E624
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	100		%	09/17/10		R/L	E624
% Bromofluorobenzene	96		%	09/17/10		R/L	E624
% Dibromofluoromethane	106		%	09/17/10		R/L	E624
% Toluene-d8	95		%	09/17/10		R/L	E624

Comments:

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September 28, 2010

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

September 27, 2010

FOR: Attn: Mr. Chris Koelle
Diversified Tech. Consultants
2321 Whitney Avenue 3rd floor
Hamden Center II
Hamden CT 06518

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:		09/16/10	0:00
Location Code:	DTECHDAS	Received by:	SW	09/17/10	16:11
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GAZ55910
Phoenix ID: AZ55919

Project ID: CONN DOT WESTBROOK SLE STATION

Client ID: TRIP BLANK

Parameter	Result	RL	Units	Date	Time	By	Reference
Volatiles							
1,1,1-Trichloroethane	ND	5.0	ug/L	09/17/10		R/L	E624
1,1,2,2-tetrachloroethane	ND	5.0	ug/L	09/17/10		R/L	E624
1,1,2-Trichloroethane	ND	5.0	ug/L	09/17/10		R/L	E624
1,1-Dichloroethane	ND	5.0	ug/L	09/17/10		R/L	E624
1,1-Dichloroethene	ND	5.0	ug/L	09/17/10		R/L	E624
1,2-Dichlorobenzene	ND	5.0	ug/L	09/17/10		R/L	E624
1,2-Dichloroethane	ND	5.0	ug/L	09/17/10		R/L	E624
1,2-Dichloropropane	ND	5.0	ug/L	09/17/10		R/L	E624
1,3-Dichlorobenzene	ND	5.0	ug/L	09/17/10		R/L	E624
1,4-Dichlorobenzene	ND	5.0	ug/L	09/17/10		R/L	E624
2-Chloroethyl vinyl ether	ND	5.0	ug/L	09/17/10		R/L	E624
Acrolein	ND	25	ug/L	09/17/10		R/L	E624
Benzene	ND	5.0	ug/L	09/17/10		R/L	E624
Bromodichloromethane	ND	5.0	ug/L	09/17/10		R/L	E624
Bromoform	ND	5.0	ug/L	09/17/10		R/L	E624
Bromomethane	ND	5.0	ug/L	09/17/10		R/L	E624
Carbon tetrachloride	ND	5.0	ug/L	09/17/10		R/L	E624
Chlorobenzene	ND	5.0	ug/L	09/17/10		R/L	E624
Chloroethane	ND	5.0	ug/L	09/17/10		R/L	E624
Chloroform	ND	5.0	ug/L	09/17/10		R/L	E624
Chloromethane	ND	5.0	ug/L	09/17/10		R/L	E624
cis-1,2-Dichloroethene	ND	5.0	ug/L	09/17/10		R/L	E624
cis-1,3-Dichloropropene	ND	5.0	ug/L	09/17/10		R/L	E624
Dibromochloromethane	ND	5.0	ug/L	09/17/10		R/L	E624
Ethylbenzene	ND	5.0	ug/L	09/17/10		R/L	E624
m&p-Xylene	ND	5.0	ug/L	09/17/10		R/L	E624

Project ID: CONN DOT WESTBROOK SLE STATION

Client ID: TRIP BLANK

Phoenix I.D.: AZ55919

Parameter	Result	RL	Units	Date	Time	By	Reference
Methyl t-butyl ether (MTBE)	ND	10	ug/L	09/17/10		R/L	E624
Methylene chloride	ND	5.0	ug/L	09/17/10		R/L	E624
o-Xylene	ND	5.0	ug/L	09/17/10		R/L	E624
Tetrachloroethene	ND	5.0	ug/L	09/17/10		R/L	E624
Toluene	ND	5.0	ug/L	09/17/10		R/L	E624
trans-1,2-Dichloroethene	ND	5.0	ug/L	09/17/10		R/L	E624
trans-1,3-Dichloropropene	ND	5.0	ug/L	09/17/10		R/L	E624
Trichloroethene	ND	5.0	ug/L	09/17/10		R/L	E624
Trichlorofluoromethane	ND	5.0	ug/L	09/17/10		R/L	E624
Vinyl chloride	ND	5.0	ug/L	09/17/10		R/L	E624
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	100		%	09/17/10		R/L	E624
% Bromofluorobenzene	94		%	09/17/10		R/L	E624
% Dibromofluoromethane	97		%	09/17/10		R/L	E624
% Toluene-d8	97		%	09/17/10		R/L	E624

Comments:

TRIP BLANK INCLUDED.

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Phyllis Shiller

Phyllis Shiller, Laboratory Director

September 28, 2010

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

September 27, 2010

FOR: Attn: Mr. Chris Koelle
Diversified Tech. Consultants
2321 Whitney Avenue 3rd floor
Hamden Center II
Hamden CT 06518

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		09/16/10	0:00
Location Code:	DTECHDAS	Received by:	SW	09/17/10	16:11
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GAZ55910
Phoenix ID: AZ55920

Project ID: CONN DOT WESTBROOK SLE STATION

Client ID: TRIP BLANK HIGH

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	09/20/10		JL	E160.3
Field Extraction	Completed			09/16/10		DETC	SW5035
Volatiles							
1,1,1,2-Tetrachloroethane	ND	250	ug/Kg	09/18/10		R/L	SW8260
1,1,1-Trichloroethane	ND	250	ug/Kg	09/18/10		R/L	SW8260
1,1,2,2-Tetrachloroethane	ND	250	ug/Kg	09/18/10		R/L	SW8260
1,1,2-Trichloroethane	ND	250	ug/Kg	09/18/10		R/L	SW8260
1,1-Dichloroethane	ND	250	ug/Kg	09/18/10		R/L	SW8260
1,1-Dichloroethene	ND	250	ug/Kg	09/18/10		R/L	SW8260
1,1-Dichloropropene	ND	250	ug/Kg	09/18/10		R/L	SW8260
1,2,3-Trichlorobenzene	ND	250	ug/Kg	09/18/10		R/L	SW8260
1,2,3-Trichloropropane	ND	250	ug/Kg	09/18/10		R/L	SW8260
1,2,4-Trichlorobenzene	ND	250	ug/Kg	09/18/10		R/L	SW8260
1,2,4-Trimethylbenzene	ND	250	ug/Kg	09/18/10		R/L	SW8260
1,2-Dibromo-3-chloropropane	ND	250	ug/Kg	09/18/10		R/L	SW8260
1,2-Dichlorobenzene	ND	250	ug/Kg	09/18/10		R/L	SW8260
1,2-Dichloroethane	ND	250	ug/Kg	09/18/10		R/L	SW8260
1,2-Dichloropropane	ND	250	ug/Kg	09/18/10		R/L	SW8260
1,3,5-Trimethylbenzene	ND	250	ug/Kg	09/18/10		R/L	SW8260
1,3-Dichlorobenzene	ND	250	ug/Kg	09/18/10		R/L	SW8260
1,3-Dichloropropane	ND	250	ug/Kg	09/18/10		R/L	SW8260
1,4-Dichlorobenzene	ND	250	ug/Kg	09/18/10		R/L	SW8260
2,2-Dichloropropane	ND	250	ug/Kg	09/18/10		R/L	SW8260
2-Chlorotoluene	ND	250	ug/Kg	09/18/10		R/L	SW8260
2-Hexanone	ND	1300	ug/Kg	09/18/10		R/L	SW8260
2-Isopropyltoluene	ND	250	ug/Kg	09/18/10		R/L	SW8260
4-Chlorotoluene	ND	250	ug/Kg	09/18/10		R/L	SW8260

Project ID: CONN DOT WESTBROOK SLE STATION **Phoenix I.D.:** AZ55920
Client ID: TRIP BLANK HIGH

Parameter	Result	RL	Units	Date	Time	By	Reference
4-Methyl-2-pentanone	ND	1300	ug/Kg	09/18/10		R/L	SW8260
Acetone	ND	5000	ug/Kg	09/18/10		R/L	SW8260
Acrylonitrile	ND	500	ug/Kg	09/18/10		R/L	SW8260
Benzene	ND	250	ug/Kg	09/18/10		R/L	SW8260
Bromobenzene	ND	250	ug/Kg	09/18/10		R/L	SW8260
Bromochloromethane	ND	250	ug/Kg	09/18/10		R/L	SW8260
Bromodichloromethane	ND	250	ug/Kg	09/18/10		R/L	SW8260
Bromoform	ND	250	ug/Kg	09/18/10		R/L	SW8260
Bromomethane	ND	250	ug/Kg	09/18/10		R/L	SW8260
Carbon Disulfide	ND	250	ug/Kg	09/18/10		R/L	SW8260
Carbon tetrachloride	ND	250	ug/Kg	09/18/10		R/L	SW8260
Chlorobenzene	ND	250	ug/Kg	09/18/10		R/L	SW8260
Chloroethane	ND	250	ug/Kg	09/18/10		R/L	SW8260
Chloroform	ND	250	ug/Kg	09/18/10		R/L	SW8260
Chloromethane	ND	250	ug/Kg	09/18/10		R/L	SW8260
cis-1,2-Dichloroethene	ND	250	ug/Kg	09/18/10		R/L	SW8260
cis-1,3-Dichloropropene	ND	250	ug/Kg	09/18/10		R/L	SW8260
Dibromochloromethane	ND	250	ug/Kg	09/18/10		R/L	SW8260
Dibromoethane	ND	250	ug/Kg	09/18/10		R/L	SW8260
Dibromomethane	ND	250	ug/Kg	09/18/10		R/L	SW8260
Dichlorodifluoromethane	ND	250	ug/Kg	09/18/10		R/L	SW8260
Ethylbenzene	ND	250	ug/Kg	09/18/10		R/L	SW8260
Hexachlorobutadiene	ND	250	ug/Kg	09/18/10		R/L	SW8260
Isopropylbenzene	ND	250	ug/Kg	09/18/10		R/L	SW8260
m&p-Xylene	ND	250	ug/Kg	09/18/10		R/L	SW8260
Methyl Ethyl Ketone	ND	3000	ug/Kg	09/18/10		R/L	SW8260
Methyl t-butyl ether (MTBE)	ND	250	ug/Kg	09/18/10		R/L	SW8260
Methylene chloride	ND	500	ug/Kg	09/18/10		R/L	SW8260
Naphthalene	ND	250	ug/Kg	09/18/10		R/L	SW8260
n-Butylbenzene	ND	250	ug/Kg	09/18/10		R/L	SW8260
n-Propylbenzene	ND	250	ug/Kg	09/18/10		R/L	SW8260
o-Xylene	ND	250	ug/Kg	09/18/10		R/L	SW8260
p-Isopropyltoluene	ND	250	ug/Kg	09/18/10		R/L	SW8260
sec-Butylbenzene	ND	250	ug/Kg	09/18/10		R/L	SW8260
Styrene	ND	250	ug/Kg	09/18/10		R/L	SW8260
tert-Butylbenzene	ND	250	ug/Kg	09/18/10		R/L	SW8260
Tetrachloroethene	ND	250	ug/Kg	09/18/10		R/L	SW8260
Tetrahydrofuran (THF)	ND	500	ug/Kg	09/18/10		R/L	SW8260
Toluene	ND	250	ug/Kg	09/18/10		R/L	SW8260
Total Xylenes	ND	250	ug/Kg	09/18/10		R/L	SW8260
trans-1,2-Dichloroethene	ND	250	ug/Kg	09/18/10		R/L	SW8260
trans-1,3-Dichloropropene	ND	250	ug/Kg	09/18/10		R/L	SW8260
trans-1,4-dichloro-2-butene	ND	500	ug/Kg	09/18/10		R/L	SW8260
Trichloroethene	ND	250	ug/Kg	09/18/10		R/L	SW8260
Trichlorofluoromethane	ND	250	ug/Kg	09/18/10		R/L	SW8260
Trichlorotrifluoroethane	ND	250	ug/Kg	09/18/10		R/L	SW8260
Vinyl chloride	ND	250	ug/Kg	09/18/10		R/L	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	96		%	09/18/10		R/L	SW8260
% Bromofluorobenzene	99		%	09/18/10		R/L	SW8260

Project ID: CONN DOT WESTBROOK SLE STATION **Phoenix I.D.:** AZ55920

Client ID: TRIP BLANK HIGH

Parameter	Result	RL	Units	Date	Time	By	Reference
% Dibromofluoromethane	99		%	09/18/10		R/L	SW8260
% Toluene-d8	98		%	09/18/10		R/L	SW8260

Comments:

TRIP BLANK INCLUDED. %SOLIDS ASSUMED 100%

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September 28, 2010

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

September 28, 2010

QA/QC Data

SDG I.D.: GAZ55910

Parameter	Blank	Dup RPD	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch 161366, QC Sample No: AZ54814 (AZ55916)								
ICP Metals - Dissolved								
Arsenic	BDL	NC	93.4	94.2	0.9	88.2	93.3	5.6
Barium	BDL	2.20	104	105	1.0	94.7	96.8	2.2
Cadmium	BDL	NC	102	103	1.0	90.0	94.9	5.3
Chromium	BDL	NC	102	103	1.0	90.8	94.7	4.2
Copper	BDL	NC	101	102	1.0	95.9	99.5	3.7
Lead	BDL	NC	102	103	1.0	93.1	96.8	3.9
Selenium	BDL	NC	89.7	90.1	0.4	87.9	93.7	6.4
Silver	BDL	NC	98.0	99.2	1.2	24.2	38.4	45.4
Zinc	BDL	NC	97.8	98.4	0.6	92.0	96.6	4.9
QA/QC Batch 161556, QC Sample No: AZ55111 (AZ55910, AZ55911, AZ55912, AZ55913, AZ55914)								
Mercury	BDL	NC	92.0	90.8	1.3	93.0	95.4	2.5
QA/QC Batch 161555, QC Sample No: AZ55457 (AZ55916)								
Mercury	BDL	NC	97.0	95.6	1.5	95.8	93.0	3.0
QA/QC Batch 161496, QC Sample No: AZ55636 (AZ55910, AZ55911, AZ55912)								
ICP Metals - Soil								
Arsenic	BDL	37.1	79.6	80.9	1.6	83.6	87.4	4.4
Barium	BDL	8.80	88.0	88.0	0.0	95.9	97.0	1.1
Cadmium	BDL	NC	89.0	89.3	0.3	94.3	99.0	4.9
Chromium	BDL	12.9	86.4	84.8	1.9	95.7	98.8	3.2
Copper	BDL	18.5	88.6	87.8	0.9	99.0	103	4.0
Lead	0.45	35.8	78.4	80.4	2.5	NC	NC	NC
Selenium	BDL	NC	76.7	77.5	1.0	80.8	84.6	4.6
Silver	BDL	NC	81.2	82.1	1.1	90.8	92.8	2.2
Zinc	BDL	4.90	85.8	84.4	1.6	91.6	96.1	4.8
QA/QC Batch 161609, QC Sample No: AZ55913 (AZ55913)								
ICP Metals - Soil								
Arsenic	BDL	NC	79.7	77.0	3.4	80.2	85.4	6.3
Barium	BDL	2.50	88.7	82.2	7.6	94.2	94.5	0.3
Cadmium	BDL	NC	88.8	82.4	7.5	88.2	90.3	2.4
Chromium	BDL	0.70	84.9	78.9	7.3	88.4	92.4	4.4
Copper	BDL	6.20	90.2	85.2	5.7	100	102	2.0
Lead	BDL	25.1	84.4	77.6	8.4	90.2	90.3	0.1
Selenium	BDL	NC	83.4	79.7	4.5	78.6	81.8	4.0
Silver	BDL	NC	82.6	78.2	5.5	89.6	92.8	3.5
Zinc	BDL	11.1	83.0	77.1	7.4	89.5	88.1	1.6

QA/QC Data

SDG I.D.: GAZ55910

Parameter	Blank	Dup RPD	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch 161509, QC Sample No: AZ55916 (AZ55916)								
ICP Metals - Aqueous								
Arsenic	BDL	NC	94.6	94.6	0.0	96.6	94.9	1.8
Barium	BDL	0	98.0	99.0	1.0	99.6	98.9	0.7
Cadmium	BDL	NC	102	103	1.0	104	103	1.0
Chromium	BDL	NC	98.8	99.2	0.4	100	99.5	0.5
Copper	BDL	NC	96.7	97.4	0.7	98.6	97.7	0.9
Lead	BDL	NC	101	101	0.0	103	102	1.0
Selenium	BDL	NC	94.4	94.2	0.2	96.5	94.7	1.9
Silver	BDL	NC	95.3	95.3	0.0	96.3	95.7	0.6
Zinc	BDL	NC	95.5	96.2	0.7	96.7	96.2	0.5
QA/QC Batch 161617, QC Sample No: AZ56341 (AZ55914)								
ICP Metals - Soil								
Arsenic	BDL	NC	84.7	79.3	6.6	76.8	81.4	5.8
Barium	0.42	14.9	93.6	77.1	19.3	78.7	88.1	11.3
Cadmium	BDL	NC	91.8	82.9	10.2	84.4	87.0	3.0
Chromium	BDL	25.1	88.6	79.8	10.5	82.2	87.0	5.7
Copper	BDL	25.5	88.7	80.1	10.2	85.6	89.0	3.9
Lead	BDL	55.5	87.0	82.3	5.6	84.8	87.3	2.9
Selenium	BDL	NC	84.6	80.7	4.7	74.9	77.1	2.9
Silver	BDL	NC	84.0	74.7	11.7	79.8	82.2	3.0
Zinc	BDL	43.9	88.1	80.3	9.3	76.5	82.3	7.3

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

September 28, 2010

QA/QC Data

SDG I.D.: GAZ55910

Parameter	Blank	Dup RPD	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch 162106, QC Sample No: AZ55612 (AZ55916, AZ55917)								
Oil and Grease by EPA 1664	BDL		100					

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QA/QC Report

September 28, 2010

QA/QC Data

SDG I.D.: GAZ55910

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch 161634, QC Sample No: AZ54547 (AZ55916)							
Pesticides							
4,4' -DDD	ND	105	98	6.9			
4,4' -DDE	ND	107	101	5.8			
4,4' -DDT	ND	107	100	6.8			
a-BHC	ND	105	99	5.9			
a-Chlordane	ND	103	97	6.0			
Alachlor	ND	N/A	N/A	NC			
Aldrin	ND	103	99	4.0			
b-BHC	ND	102	96	6.1			
Chlordane	ND	N/A	N/A	NC			
d-BHC	ND	109	103	5.7			
Dieldrin	ND	101	97	4.0			
Endosulfan I	ND	100	97	3.0			
Endosulfan II	ND	98	95	3.1			
Endosulfan sulfate	ND	104	97	7.0			
Endrin	ND	103	98	5.0			
Endrin aldehyde	ND	121	116	4.2			
Endrin ketone	ND	108	102	5.7			
g-BHC	ND	107	102	4.8			
g-Chlordane	ND	101	95	6.1			
Heptachlor	ND	103	97	6.0			
Heptachlor epoxide	ND	102	97	5.0			
Methoxychlor	ND	103	95	8.1			
Toxaphene	ND	N/A	N/A	NC			
% DCBP	107	115	105	9.1			
% TCMX	84	88	83	5.8			

Comment:

A LCS and LCS duplicate were performed instead of a matrix spike and matrix spike duplicate.

QA/QC Batch 161361, QC Sample No: AZ55100 (AZ55912)							
Pesticides							
4,4' -DDD	ND	91	80	12.9	82	85	3.6
4,4' -DDE	ND	89	86	3.4	98	97	1.0
4,4' -DDT	ND	83	79	4.9	92	88	4.4
a-BHC	ND	86	88	2.3	91	91	0.0
a-Chlordane	ND	83	90	8.1	92	92	0.0
Alachlor	ND	N/A	N/A	NC	N/A	N/A	NC
Aldrin	ND	87	92	5.6	94	94	0.0
b-BHC	ND	83	87	4.7	89	88	1.1
Chlordane	ND	N/A	N/A	NC	N/A	N/A	NC
d-BHC	ND	92	81	12.7	83	85	2.4
Dieldrin	ND	82	89	8.2	91	92	1.1

QA/QC Data

SDG I.D.: GAZ55910

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
Endosulfan I	ND	81	85	4.8	88	89	1.1
Endosulfan II	ND	80	77	3.8	92	92	0.0
Endosulfan sulfate	ND	79	81	2.5	91	92	1.1
Endrin	ND	85	88	3.5	94	94	0.0
Endrin aldehyde	ND	95	80	17.1	114	115	0.9
Endrin ketone	ND	81	87	7.1	91	93	2.2
g-BHC	ND	85	88	3.5	91	92	1.1
g-Chlordane	ND	81	89	9.4	91	92	1.1
Heptachlor	ND	85	87	2.3	90	91	1.1
Heptachlor epoxide	ND	83	89	7.0	91	92	1.1
Methoxychlor	ND	78	72	8.0	81	81	0.0
Toxaphene	ND	N/A	N/A	NC	N/A	N/A	NC
% DCBP	100	86	99	14.1	88	84	4.7
% TCMX	82	76	84	10.0	84	83	1.2

QA/QC Batch 161720, QC Sample No: AZ55229 (AZ55916)

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	78	76	2.6
1,2,4-Trichlorobenzene	ND	69	70	1.4
1,2-Dichlorobenzene	ND	69	69	0.0
1,3-Dichlorobenzene	ND	68	68	0.0
1,4-Dichlorobenzene	ND	68	67	1.5
2,4,5-Trichlorophenol	ND	77	58	28.1
2,4,6-Trichlorophenol	ND	75	58	25.6
2,4-Dichlorophenol	ND	67	51	27.1
2,4-Dimethylphenol	ND	25	24	4.1
2,4-Dinitrophenol	ND	75	58	25.6
2,4-Dinitrotoluene	ND	75	72	4.1
2,6-Dinitrotoluene	ND	75	74	1.3
2-Chloronaphthalene	ND	77	78	1.3
2-Chlorophenol	ND	53	41	25.5
2-Methylnaphthalene	ND	74	72	2.7
2-Methylphenol (o-cresol)	ND	57	48	17.1
2-Nitroaniline	ND	>130	>130	NC
2-Nitrophenol	ND	64	48	28.6
3&4-Methylphenol (m&p-cresol)	ND	58	49	16.8
3,3'-Dichlorobenzidine	ND	N/A	N/A	NC
3-Nitroaniline	ND	>130	>130	NC
4,6-Dinitro-2-methylphenol	ND	85	70	19.4
4-Bromophenyl phenyl ether	ND	82	84	2.4
4-Chloro-3-methylphenol	ND	69	55	22.6
4-Chloroaniline	ND	64	60	6.5
4-Chlorophenyl phenyl ether	ND	80	77	3.8
4-Nitroaniline	ND	75	73	2.7
4-Nitrophenol	ND	103	88	15.7
Acenaphthene	ND	84	83	1.2
Acenaphthylene	ND	76	76	0.0
Acetophenone	ND	71	70	1.4
Aniline	ND	N/A	N/A	NC
Anthracene	ND	86	84	2.4
Azobenzene	ND	73	70	4.2
Benz(a)anthracene	ND	84	86	2.4
Benzidine	ND	N/A	N/A	NC

QA/QC Data

SDG I.D.: GAZ55910

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
Benzo(a)pyrene	ND	84	84	0.0			
Benzo(b)fluoranthene	ND	90	94	4.3			
Benzo(ghi)perylene	ND	71	72	1.4			
Benzo(k)fluoranthene	ND	98	100	2.0			
Benzoic acid	ND	N/A	N/A	NC			
Benzyl butyl phthalate	ND	76	82	7.6			
Bis(2-chloroethoxy)methane	ND	72	71	1.4			
Bis(2-chloroethyl)ether	ND	68	67	1.5			
Bis(2-chloroisopropyl)ether	ND	73	71	2.8			
Bis(2-ethylhexyl)phthalate	ND	80	84	4.9			
Carbazole	ND	115	124	7.5			
Chrysene	ND	86	88	2.3			
Dibenz(a,h)anthracene	ND	75	75	0.0			
Dibenzofuran	ND	76	74	2.7			
Diethyl phthalate	ND	76	75	1.3			
Dimethylphthalate	ND	80	78	2.5			
Di-n-butylphthalate	ND	85	89	4.6			
Di-n-octylphthalate	ND	74	73	1.4			
Fluoranthene	ND	96	109	12.7			
Fluorene	ND	84	81	3.6			
Hexachlorobenzene	ND	80	81	1.2			
Hexachlorobutadiene	ND	74	73	1.4			
Hexachlorocyclopentadiene	ND	<5	<5	NC			
Hexachloroethane	ND	65	65	0.0			
Indeno(1,2,3-cd)pyrene	ND	74	74	0.0			
Isophorone	ND	69	67	2.9			
Naphthalene	ND	75	74	1.3			
Nitrobenzene	ND	70	69	1.4			
N-Nitrosodimethylamine	ND	51	56	9.3			
N-Nitrosodi-n-propylamine	ND	72	69	4.3			
N-Nitrosodiphenylamine	ND	80	80	0.0			
Pentachloronitrobenzene	ND	88	90	2.2			
Pentachlorophenol	ND	112	95	16.4			
Phenanthrene	ND	83	83	0.0			
Phenol	ND	57	45	23.5			
Pyrene	ND	104	121	15.1			
Pyridine	ND	5.7	6.1	6.8			
% 2,4,6-Tribromophenol	68	81	70	14.6			
% 2-Fluorobiphenyl	65	71	73	2.8			
% 2-Fluorophenol	40	40	31	25.4			
% Nitrobenzene-d5	59	65	64	1.6			
% Phenol-d5	46	51	40	24.2			
% Terphenyl-d14	68	87	104	17.8			

Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

QA/QC Batch 161369, QC Sample No: AZ55482 (AZ55910, AZ55911, AZ55912, AZ55913, AZ55914)

Polychlorinated Biphenyls

PCB-1016	ND	89	96	7.6	103	98	5.0
PCB-1221	ND						
PCB-1232	ND						
PCB-1242	ND						
PCB-1248	ND						

QA/QC Data

SDG I.D.: GAZ55910

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
PCB-1254	ND						
PCB-1260	ND	99	100	1.0	119	110	7.9
PCB-1262	ND						
PCB-1268	ND						
% DCBP (Surrogate Rec)	92	98	99	1.0	101	100	1.0
% TCMX (Surrogate Rec)	80	71	75	5.5	78	75	3.9

QA/QC Batch 161694, QC Sample No: AZ55910 (AZ55910, AZ55911, AZ55912, AZ55913, AZ55914, AZ55915, AZ55920)

Volatiles

1,1,1,2-Tetrachloroethane	ND	114			118	107	9.8
1,1,1-Trichloroethane	ND	96			104	93	11.2
1,1,2,2-Tetrachloroethane	ND	87			62	55	12.0
1,1,2-Trichloroethane	ND	104			108	103	4.7
1,1-Dichloroethane	ND	86			90	81	10.5
1,1-Dichloroethene	ND	93			91	79	14.1
1,1-Dichloropropene	ND	101			108	98	9.7
1,2,3-Trichlorobenzene	ND	123			91	108	17.1
1,2,3-Trichloropropane	ND	95			86	70	20.5
1,2,4-Trichlorobenzene	ND	128			95	100	5.1
1,2,4-Trimethylbenzene	ND	102			93	87	6.7
1,2-Dibromo-3-chloropropane	ND	92			94	92	2.2
1,2-Dichlorobenzene	ND	105			97	92	5.3
1,2-Dichloroethane	ND	100			109	98	10.6
1,2-Dichloropropane	ND	91			95	87	8.8
1,3,5-Trimethylbenzene	ND	100			93	88	5.5
1,3-Dichlorobenzene	ND	106			94	88	6.6
1,3-Dichloropropane	ND	101			103	88	15.7
1,4-Dichlorobenzene	ND	106			94	88	6.6
2,2-Dichloropropane	ND	88			90	81	10.5
2-Chlorotoluene	ND	98			93	88	5.5
2-Hexanone	ND	99			90	87	3.4
2-Isopropyltoluene	ND	105			99	97	2.0
4-Chlorotoluene	ND	101			95	86	9.9
4-Methyl-2-pentanone	ND	90			96	87	9.8
Acetone	ND	77			85	78	8.6
Acrylonitrile	ND	79			82	78	5.0
Benzene	ND	97			97	89	8.6
Bromobenzene	ND	104			102	92	10.3
Bromochloromethane	ND	97			101	89	12.6
Bromodichloromethane	ND	103			111	103	7.5
Bromoform	ND	125			138	118	15.6
Bromomethane	ND	96			94	78	18.6
Carbon Disulfide	ND	77			81	70	14.6
Carbon tetrachloride	ND	109			119	110	7.9
Chlorobenzene	ND	107			104	94	10.1
Chloroethane	ND	82			80	72	10.5
Chloroform	ND	88			95	85	11.1
Chloromethane	ND	72			84	88	4.7
cis-1,2-Dichloroethene	ND	92			94	85	10.1
cis-1,3-Dichloropropene	ND	105			104	99	4.9
Dibromochloromethane	ND	115			123	106	14.8
Dibromoethane	ND	109			117	111	5.3
Dibromomethane	ND	98			102	96	6.1

QA/QC Data

SDG I.D.: GAZ55910

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
Dichlorodifluoromethane	ND	118			121	115	5.1
Ethylbenzene	ND	103			101	92	9.3
Hexachlorobutadiene	ND	123			103	125	19.3
Isopropylbenzene	ND	88			93	88	5.5
m&p-Xylene	ND	107			104	95	9.0
Methyl ethyl ketone	ND	75			74	71	4.1
Methyl t-butyl ether (MTBE)	ND	110			118	104	12.6
Methylene chloride	ND	82			82	70	15.8
Naphthalene	ND	114			89	104	15.5
n-Butylbenzene	ND	100			86	83	3.6
n-Propylbenzene	ND	103			96	89	7.6
o-Xylene	ND	109			107	96	10.8
p-Isopropyltoluene	ND	108			95	92	3.2
sec-Butylbenzene	ND	97			92	88	4.4
Styrene	ND	111			108	95	12.8
tert-Butylbenzene	ND	102			98	94	4.2
Tetrachloroethene	ND	125			120	102	16.2
Tetrahydrofuran (THF)	ND	75			83	75	10.1
Toluene	ND	103			101	97	4.0
trans-1,2-Dichloroethene	ND	91			101	79	24.4
trans-1,3-Dichloropropene	ND	106			108	105	2.8
trans-1,4-dichloro-2-butene	ND	95			86	70	20.5
Trichloroethene	ND	108			129	116	10.6
Trichlorofluoromethane	ND	100			107	94	12.9
Trichlorotrifluoroethane	ND	95			100	87	13.9
Vinyl chloride	ND	77			83	77	7.5
% 1,2-dichlorobenzene-d4	97	98			97	98	1.0
% Bromofluorobenzene	98	104			103	96	7.0
% Dibromofluoromethane	99	105			107	102	4.8
% Toluene-d8	98	100			101	102	1.0

Comment:

A blank MS/MSD was analyzed with this batch. Due to poor instrument purge, the LCSD is not reported for this batch.

QA/QC Batch 161489, QC Sample No: AZ55911 (AZ55910, AZ55911, AZ55912, AZ55913, AZ55914)

TPH by GC (Extractable Products)

Ext. Petroleum HC	ND	84	73	14.0	99	71	32.9
% n-Pentacosane	106	86	71	19.1	100	70	35.3

QA/QC Batch 161507, QC Sample No: AZ55911 (AZ55910, AZ55911, AZ55912, AZ55913, AZ55914)

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	57	53	7.3	88	83	5.8
1,2,4-Trichlorobenzene	ND	54	49	9.7	79	76	3.9
1,2-Dichlorobenzene	ND	55	51	7.5	79	78	1.3
1,3-Dichlorobenzene	ND	54	50	7.7	76	75	1.3
1,4-Dichlorobenzene	ND	55	52	5.6	78	77	1.3
2,4,5-Trichlorophenol	ND	65	61	6.3	105	95	10.0
2,4,6-Trichlorophenol	ND	58	56	3.5	93	87	6.7
2,4-Dichlorophenol	ND	61	57	6.8	93	88	5.5
2,4-Dimethylphenol	ND	36	34	5.7	55	53	3.7
2,4-Dinitrophenol	ND	<5	26	NC	24	40	50.0
2,4-Dinitrotoluene	ND	62	57	8.4	98	92	6.3
2,6-Dinitrotoluene	ND	58	53	9.0	90	85	5.7
2-Chloronaphthalene	ND	56	53	5.5	88	82	7.1

QA/QC Data

SDG I.D.: GAZ55910

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
2-Chlorophenol	ND	53	50	5.8	79	75	5.2
2-Methylnaphthalene	ND	56	52	7.4	85	82	3.6
2-Methylphenol (o-cresol)	ND	53	51	3.8	86	80	7.2
2-Nitroaniline	ND	122	111	9.4	NC	NC	NC
2-Nitrophenol	ND	53	53	0.0	82	78	5.0
3,3'-Dichlorobenzidine	ND	N/A	N/A	NC	N/A	N/A	NC
3-Nitroaniline	ND	99	88	11.8	NC	NC	NC
4,6-Dinitro-2-methylphenol	ND	39	54	32.3	101	100	1.0
4-Bromophenyl phenyl ether	ND	59	55	7.0	91	86	5.6
4-Chloro-3-methylphenol	ND	63	58	8.3	97	92	5.3
4-Chloroaniline	ND	56	47	17.5	75	72	4.1
4-Chlorophenyl phenyl ether	ND	61	57	6.8	97	90	7.5
4-Nitroaniline	ND	61	57	6.8	93	87	6.7
4-Nitrophenol	ND	60	53	12.4	97	89	8.6
Acenaphthene	ND	62	57	8.4	97	90	7.5
Acenaphthylene	ND	57	53	7.3	89	84	5.8
Acetophenone	ND	58	53	9.0	86	82	4.8
Aniline	ND	N/A	N/A	NC	N/A	N/A	NC
Anthracene	ND	63	58	8.3	100	93	7.3
Azobenzene	ND	59	55	7.0	92	85	7.9
Benz(a)anthracene	ND	69	65	6.0	108	101	6.7
Benzidine	ND	N/A	N/A	NC	N/A	N/A	NC
Benzo(a)pyrene	ND	61	57	6.8	100	92	8.3
Benzo(b)fluoranthene	ND	64	63	1.6	108	101	6.7
Benzo(ghi)perylene	ND	72	66	8.7	112	104	7.4
Benzo(k)fluoranthene	ND	59	54	8.8	92	85	7.9
Benzoic acid	ND	N/A	N/A	NC	N/A	N/A	NC
Benzyl butyl phthalate	ND	65	59	9.7	101	93	8.2
Bis(2-chloroethoxy)methane	ND	56	51	9.3	84	80	4.9
Bis(2-chloroethyl)ether	ND	55	51	7.5	80	77	3.8
Bis(2-chloroisopropyl)ether	ND	55	50	9.5	78	73	6.6
Bis(2-ethylhexyl)phthalate	ND	62	57	8.4	97	90	7.5
Carbazole	ND	77	72	6.7	128	119	7.3
Chrysene	ND	61	56	8.5	96	87	9.8
Dibenz(a,h)anthracene	ND	71	65	8.8	114	105	8.2
Dibenzofuran	ND	58	54	7.1	92	86	6.7
Diethyl phthalate	ND	59	55	7.0	94	87	7.7
Dimethylphthalate	ND	58	54	7.1	92	86	6.7
Di-n-butylphthalate	ND	57	53	7.3	92	87	5.6
Di-n-octylphthalate	ND	61	56	8.5	94	88	6.6
Fluoranthene	ND	59	55	7.0	96	89	7.6
Fluorene	ND	65	61	6.3	104	97	7.0
Hexachlorobenzene	ND	56	51	9.3	86	81	6.0
Hexachlorobutadiene	ND	56	52	7.4	81	79	2.5
Hexachlorocyclopentadiene	ND	64	52	20.7	109	91	18.0
Hexachloroethane	ND	55	50	9.5	77	76	1.3
Indeno(1,2,3-cd)pyrene	ND	71	65	8.8	112	104	7.4
Isophorone	ND	53	49	7.8	80	76	5.1
Naphthalene	ND	58	53	9.0	87	84	3.5
Nitrobenzene	ND	55	51	7.5	79	77	2.6
N-Nitrosodimethylamine	ND	49	46	6.3	68	69	1.5
N-Nitrosodi-n-propylamine	ND	58	53	9.0	86	80	7.2
N-Nitrosodiphenylamine	ND	68	64	6.1	109	101	7.6

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
Pentachloronitrobenzene	ND	60	56	6.9	91	87	4.5
Pentachlorophenol	ND	52	56	7.4	100	93	7.3
Phenanthrene	ND	60	56	6.9	94	89	5.5
Phenol	ND	55	53	3.7	86	81	6.0
Pyrene	ND	60	56	6.9	97	91	6.4
Pyridine	ND	7.1	6.3	11.9	8.1	8.6	6.0
% 2,4,6-Tribromophenol	58	61	56	8.5	91	85	6.8
% 2-Fluorobiphenyl	50	52	48	8.0	80	74	7.8
% 2-Fluorophenol	53	55	52	5.6	83	78	6.2
% Nitrobenzene-d5	51	52	48	8.0	77	74	4.0
% Phenol-d5	53	55	50	9.5	83	78	6.2
% Terphenyl-d14	44	46	44	4.4	76	70	8.2

QA/QC Batch 161550, QC Sample No: AZ55916 (AZ55916)

Polychlorinated Biphenyls

PCB-1016	ND	95	96	1.0			
PCB-1221	ND						
PCB-1232	ND						
PCB-1242	ND						
PCB-1248	ND						
PCB-1254	ND						
PCB-1260	ND	90	89	1.1			
PCB-1262	ND						
PCB-1268	ND						
% DCBP (Surrogate Rec)	111	115	113	1.8			
% TCMX (Surrogate Rec)	81	83	84	1.2			

Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

QA/QC Batch 161621, QC Sample No: AZ55940 (AZ55916, AZ55917, AZ55918, AZ55919)

Volatiles

1,1,1-Trichloroethane	ND	115	115	0.0	113	109	3.6
1,1,2,2-Tetrachloroethane	ND	103	106	2.9	112	110	1.8
1,1,2-Trichloroethane	ND	102	104	1.9	111	105	5.6
1,1-Dichloroethane	ND	105	108	2.8	111	106	4.6
1,1-Dichloroethene	ND	101	104	2.9	101	98	3.0
1,2-Dichlorobenzene	ND	108	109	0.9	107	104	2.8
1,2-Dichloroethane	ND	111	111	0.0	119	109	8.8
1,2-Dichloropropane	ND	103	107	3.8	112	107	4.6
1,3-Dichlorobenzene	ND	107	109	1.9	106	103	2.9
1,4-Dichlorobenzene	ND	105	108	2.8	106	102	3.8
Acrolein	ND	96	96	0.0	87	80	8.4
Benzene	ND	98	98	0.0	101	97	4.0
Bromodichloromethane	ND	112	114	1.8	119	112	6.1
Bromoform	ND	>150	149	NC	>150	145	NC
Bromomethane	ND	114	123	7.6	125	123	1.6
Carbon tetrachloride	ND	130	132	1.5	134	128	4.6
Chlorobenzene	ND	102	101	1.0	104	98	5.9
Chloroethane	ND	112	115	2.6	108	104	3.8
Chloroform	ND	104	106	1.9	107	102	4.8
Chloromethane	ND	116	121	4.2	130	128	1.6
cis-1,2-Dichloroethene	ND	97	99	2.0	102	97	5.0
cis-1,3-Dichloropropene	ND	102	103	1.0	106	100	5.8

QA/QC Data

SDG I.D.: GAZ55910

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
Dibromochloromethane	ND	133	131	1.5	134	129	3.8
Ethylbenzene	ND	103	103	0.0	104	100	3.9
m&p-Xylene	ND	105	104	1.0	105	100	4.9
Methyl t-butyl ether (MTBE)	ND	101	105	3.9	113	106	6.4
Methylene chloride	ND	85	87	2.3	88	83	5.8
o-Xylene	ND	108	107	0.9	108	104	3.8
Tetrachloroethene	ND	104	105	1.0	105	101	3.9
Toluene	ND	97	99	2.0	100	93	7.3
trans-1,2-Dichloroethene	ND	101	104	2.9	101	98	3.0
trans-1,3-Dichloropropene	ND	111	110	0.9	112	107	4.6
Trichloroethene	ND	103	102	1.0	103	97	6.0
Trichlorofluoromethane	ND	122	127	4.0	123	118	4.1
Vinyl chloride	ND	111	117	5.3	111	109	1.8
% 1,2-dichlorobenzene-d4	96	101	99	2.0	99	100	1.0
% Bromofluorobenzene	93	104	102	1.9	102	103	1.0
% Dibromofluoromethane	100	99	101	2.0	98	101	3.0
% Toluene-d8	98	98	99	1.0	100	97	3.0

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria

Phyllis Shiller, Laboratory Director
September 28, 2010

Tuesday, September 28, 2010

Requested Criteria: GAM, RC

Sample Criteria Exceedences Report

GAZ55910

SampNo	LocCode	Acode	Phoenix Analyte	Criteria Units	ST	State Category	Criteria Name	Result	RL	Factored Criteria	Factored RL Criteria	Analysis Units

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Reasonable Confidence Protocol
Laboratory Analysis QA/QC Certification Form

Laboratory Name: Phoenix Environmental Labs, Inc. **Client:** DTECHDAS

Project Location: CONN DOT WESTBROOK SLE **Project Number:**

Laboratory Sample ID(s): AZ55910, AZ55911, AZ55912, AZ55913, AZ55914, AZ55915, AZ55916, AZ55917, AZ55918, AZ55919, AZ55920

Sampling Date(s): 9/16/2010, 9/17/2010

RCP Methods Used:

☐ 1311/1312 ☐ 6010 ☐ 7000 ☐ 7196 ☐ 7470/7471 ☐ 8081 ☐ EPH ☐ TO15

☑ 8082 ☐ 8151 ☑ 8260 ☑ 8270 ☑ ETPH ☐ 9010/9012 ☐ VPH

1.	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed (including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence	☑ Yes ☐ No
1a.	Were the method specified preservation and holding time requirements met?	☑ Yes ☐ No
1b.	EPH and VPH methods only: Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	☐ Yes ☐ No ☑ NA
2.	Were all samples received by the laboratory in a condition consistent with that described on the associated Chain-of-Custody document(s)?	☑ Yes ☐ No
3.	Were samples received at an appropriate temperature (< 6 Degrees C)?	☑ Yes ☐ No ☐ NA
4.	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents acheived? See Section: SVOA Narration.	☐ Yes ☑ No
5a.	Were reporting limits specified or referenced on the chain-of-custody?	☑ Yes ☐ No
5b.	Were these reporting limits met?	☑ Yes ☐ No ☐ NA
6.	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☐ Yes ☑ No ☐ NA
7.	Are project-specific QC samples included in the data set?	☐ Yes ☑ No ☐ NA

Note: For all questions to which the response was "No" (with the exception of question #5a, #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence"

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowlegde and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature: Phyllis Shiller

Date: Tuesday, September 28, 2010

Printed Name: Phyllis Shiller

Position: Laboratory Director

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

RCP Certification Report

September 28, 2010

SDG I.D.: GAZ55910

Groundwater analysis:
The client requested volatiles by 624 and semi-volatiles by 625. These methods have a shorter list of compounds than the RCP lists.

ETPH Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Au-xl1 09/20/10-1 (AZ55910, AZ55911, AZ55912, AZ55913, AZ55914)

Initial Calibration (FIDXL1 - AUG 2010/ETPH_1) - The initial calibration curve was within method criteria and had a %RSD less than 30%.

The daily continuing calibration standard was within method criteria of +/- 30% RSD.

As per section 7.2.3, a discrimination check standard was run and contained the following outliers: None

Printed Name Jeff Bucko
Position: Chemist
Date: 9/20/2010

QC (Site Specific)

---------- Sample No: AZ55911 ----------

All LCS recoveries were within 50 - 150 with the following exceptions: None.

All LCSD recoveries were within 50 - 150 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

All MS recoveries were within 50 - 150 with the following exceptions: None.

All MSD recoveries were within 50 - 150 with the following exceptions: None.

All MS/MSD RPDs were less than 30% with the following exceptions: % n-Pentacosane, Ext. Petroleum HC

A matrix effect is suspected when a MS/MSD recovery is outside of criteria. No further action is required if LCS/LCSD compounds are within criteria.

Mercury Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Merlin 09/20/10-1 (AZ55916)

The method preparation blank contains all of the acids and reagents as the samples; the instrument blanks do not.
The initial calibration met all criteria including a standard run at or below the reporting level.
All calibration verification standards (ICV, CCV) met criteria.

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SDG I.D.: GAZ55910

All calibration blank verification standards (ICB, CCB) met criteria.
The matrix spike sample is used to identify spectral interfernce for each batch of samples, if within 85-115%, no interference is observed and no further action is taken.

Printed Name Rick Schweitzer
Position: Chemist
Date: 9/20/2010

Instrument: Merlin 09/21/10-1 (AZ55916)

The method preparation blank contains all of the acids and reagents as the samples; the instrument blanks do not.
The initial calibration met all criteria including a standard run at or below the reporting level.
All calibration verification standards (ICV, CCV) met criteria.
All calibration blank verification standards (ICB, CCB) met criteria.
The matrix spike sample is used to identify spectral interfernce for each batch of samples, if within 85-115%, no interference is observed and no further action is taken.

Printed Name Rick Schweitzer
Position: Chemist
Date: 9/21/2010

Instrument: Merlin 09/22/10-1 (AZ55910, AZ55911, AZ55912, AZ55913, AZ55914)

The method preparation blank contains all of the acids and reagents as the samples; the instrument blanks do not.
The initial calibration met all criteria including a standard run at or below the reporting level.
All calibration verification standards (ICV, CCV) met criteria.
All calibration blank verification standards (ICB, CCB) met criteria.
The matrix spike sample is used to identify spectral interfernce for each batch of samples, if within 85-115%, no interference is observed and no further action is taken.

Printed Name Rick Schweitzer
Position: Chemist
Date: 9/22/2010

QC (Batch Specific)

All LCS recoveries were within 80 - 120 with the following exceptions: None.

All LCSD recoveries were within 80 - 120 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

ICP Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Icp7 09/19/10-1 (AZ55910, AZ55911, AZ55912)

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RCP Certification Report

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SDG I.D.: GAZ55910

The initial calibration met criteria.
The continuing calibration standards met criteria for all the elements reported. The linear range is defined daily by the calibration range.
The continuing calibration blanks were less than the reporting level for the elements reported.
The ICSA and ICSAB were analyzed at the beginning and end of the run and were within criteria.

Printed Name Emily Kolominskaya
Position: Chemist
Date: 9/19/2010

Instrument: Icp7 09/20/10-1 (AZ55910, AZ55911, AZ55912, AZ55913)

The initial calibration met criteria.
The continuing calibration standards met criteria for all the elements reported. The linear range is defined daily by the calibration range.
The continuing calibration blanks were less than the reporting level for the elements reported.
The ICSA and ICSAB were analyzed at the beginning and end of the run and were within criteria.

Printed Name Emily Kolominskaya
Position: Chemist
Date: 9/20/2010

Instrument: Icp7 09/21/10-1 (AZ55913, AZ55914)

The initial calibration met criteria.
The continuing calibration standards met criteria for all the elements reported. The linear range is defined daily by the calibration range.
The continuing calibration blanks were less than the reporting level for the elements reported.
The ICSA and ICSAB were analyzed at the beginning and end of the run and were within criteria.

Printed Name Emily Kolominskaya
Position: Chemist
Date: 9/21/2010

Instrument: Icp7 09/23/10-1 (AZ55912)

The initial calibration met criteria.
The continuing calibration standards met criteria for all the elements reported. The linear range is defined daily by the calibration range.
The continuing calibration blanks were less than the reporting level for the elements reported.
The ICSA and ICSAB were analyzed at the beginning and end of the run and were within criteria.

Printed Name Emily Kolominskaya
Position: Chemist
Date: 9/23/2010

Instrument: Icp7 09/24/10-1 (AZ55912)

The initial calibration met criteria.
The continuing calibration standards met criteria for all the elements reported. The linear range is defined daily by the calibration range.
The continuing calibration blanks were less than the reporting level for the elements reported.
The ICSA and ICSAB were analyzed at the beginning and end of the run and were within criteria.

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Tel. (860) 645-1102 Fax (860) 645-0823

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RCP Certification Report

September 28, 2010

SDG I.D.: GAZ55910

Printed Name Emily Kolominskaya
Position: Chemist
Date: 9/24/2010

Instrument: Icp9 09/20/10-1 (AZ55916)

The initial calibration met criteria.
The continuing calibration standards met criteria for all the elements reported. The linear range is defined daily by the calibration range.
The continuing calibration blanks were less than the reporting level for the elements reported.
The ICSA and ICSAB were analyzed at the beginning and end of the run and were within criteria.

Printed Name Emily Kolominskaya
Position: Chemist
Date: 9/20/2010

Instrument: Icp9 09/23/10-1 (AZ55916)

The initial calibration met criteria.
The continuing calibration standards met criteria for all the elements reported. The linear range is defined daily by the calibration range.
The continuing calibration blanks were less than the reporting level for the elements reported.
The ICSA and ICSAB were analyzed at the beginning and end of the run and were within criteria.

Printed Name Emily Kolominskaya
Position: Chemist
Date: 9/23/2010

Instrument: Icp9 09/24/10-1 (AZ55916)

The initial calibration met criteria.
The continuing calibration standards met criteria for all the elements reported. The linear range is defined daily by the calibration range.
The continuing calibration blanks were less than the reporting level for the elements reported.
The ICSA and ICSAB were analyzed at the beginning and end of the run and were within criteria.

Printed Name Emily Kolominskaya
Position: Chemist
Date: 9/24/2010

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RCP Certification Report

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SDG I.D.: GAZ55910

QC (Site Specific)

---------- Sample No: AZ55913 ----------

All LCS recoveries were within 75 - 125 with the following exceptions: None.

All LCSD recoveries were within 75 - 125 with the following exceptions: None.

All LCS/LCSD RPDs were less than 20% with the following exceptions: None.

All MS recoveries were within 75 - 125 with the following exceptions: None.

All MSD recoveries were within 75 - 125 with the following exceptions: None.

All MS/MSD RPDs were less than 20% with the following exceptions: None.

---------- Sample No: AZ55916 ----------

All LCS recoveries were within 75 - 125 with the following exceptions: None.

All LCSD recoveries were within 75 - 125 with the following exceptions: None.

All LCS/LCSD RPDs were less than 20% with the following exceptions: None.

All MS recoveries were within 75 - 125 with the following exceptions: None.

All MSD recoveries were within 75 - 125 with the following exceptions: None.

All MS/MSD RPDs were less than 20% with the following exceptions: None.

A matrix effect is suspected when a MS/MSD recovery is outside of criteria. No further action is required if LCS/LCSD compounds are within criteria.

QC (Batch Specific)

All LCS recoveries were within 75 - 125 with the following exceptions: None.

All LCSD recoveries were within 75 - 125 with the following exceptions: Silver

All LCS/LCSD RPDs were less than 20% with the following exceptions: None.

PCB Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Au-ecd4 09/20/10-1 (AZ55916)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

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September 28, 2010

SDG I.D.: GAZ55910

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Michael Hahn
Position: Chemist
Date: 9/20/2010

Instrument: Au-ecd8 09/20/10-1 (AZ55910, AZ55911, AZ55912, AZ55913, AZ55914)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Michael Hahn
Position: Chemist
Date: 9/20/2010

QC Comments: QC Batch 61550 09/19/10 (AZ55916)

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

QC (Site Specific)

---------- Sample No: AZ55916 ----------

All LCS recoveries were within 30 - 130 with the following exceptions: None.

All LCSD recoveries were within 30 - 130 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

A matrix effect is suspected when a MS/MSD recovery is outside of criteria. No further action is required if LCS/LCSD compounds are within criteria.

QC (Batch Specific)

All LCS recoveries were within 30 - 130 with the following exceptions: None.

All LCSD recoveries were within 30 - 130 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

PEST Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Au-ecd13 09/21/10-1 (AZ55912, AZ55916)

8081 Narration:

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RCP Certification Report

September 28, 2010

SDG I.D.: GAZ55910

Endrin and DDT breakdown was evaluated and is below 15%.

The initial calibration RSD for the compound list was less than 15% except for the following compounds: None

The continuing calibration standards were within acceptance criteria except for the following compounds: None

Printed Name Michael Hahn
Position: Chemist
Date: 9/21/2010

QC Comments: QC Batch 61634 09/20/10 (AZ55916)

A LCS and LCS duplicate were performed instead of a matrix spike and matrix spike duplicate.

QC (Batch Specific)

All LCS recoveries were within 30 - 130 with the following exceptions: None.

All LCSD recoveries were within 30 - 130 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

SVOA Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? No.

2,4 Dinitrophenol, 4,6-Dinitro-2-methylphenol and pyridine have low LCS/LCSD recovery. A low bias for these compounds is possible.

Instrument: Chem06 09/18/10-1 (AZ55910, AZ55912, AZ55913)

The DDT breakdown and pentachlorophenol & benzidine peak tailing were not evaluated in the DFTPP tune.

Initial Calibration (Chem06/SV_0914):
Greater than 90% of the target compounds met calibration criteria with a RSD <20% or >0.99 correlation coefficient. The following compounds had RSDs >20% and <0.99 correlation coefficient: Benzoic Acid, Hexachlorocyclopentadiene, 3-nitroaniline, 2,4-dinitrophenol, 4,6-dinitro-2-methylphenol, Pentachlorophenol

The following compounds failed to meet the minimum required response factor: 2-nitrophenol, Hexachlorobenzene, % 2,4,6-tribromophenol

Continuing Calibration:
Greater than 80% of target compounds met continuing calibration criteria with a %D <20. The following compounds had >20% difference from the initial calibration: 3-Nitroaniline, 2-Nitroaniline

Printed Name Harry Mullin
Position: Chemist
Date: 9/18/2010

Instrument: Chem06 09/19/10-1 (AZ55911, AZ55914)

The DDT breakdown and pentachlorophenol & benzidine peak tailing were not evaluated in the DFTPP tune.

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Tel. (860) 645-1102 Fax (860) 645-0823

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RCP Certification Report

September 28, 2010

SDG I.D.: GAZ55910

Initial Calibration (Chem06/SV_0914):
Greater than 90% of the target compounds met calibration criteria with a RSD <20% or >0.99 correlation coefficient. The following compounds had RSDs >20% and <0.99 correlation coefficient: Benzoic Acid, Hexachlorocyclopentadiene, 3-nitroaniline, 2,4-dinitrophenol, 4,6-dinitro-2-methylphenol, Pentachlorophenol

The following compounds failed to meet the minimum required response factor: 2-nitrophenol, Hexachlorobenzene, % 2,4,6-tribromophenol

Continuing Calibration:
Greater than 80% of target compounds met continuing calibration criteria with a %D <20. The following compounds had >20% difference from the initial calibration: 3-Nitroaniline, 4-Nitrophenol, 2-Nitroaniline, 4,6-Dinitro-2-methylphenol, Atrazine

Printed Name Keith Aloisa
Position: Chemist
Date: 9/19/2010

Instrument: Chem07 09/18/10-1 (AZ55911)

The DDT breakdown and pentachlorophenol & benzidine peak tailing were not evaluated in the DFTPP tune.

Initial Calibration (Chem07/SV_0912):
Greater than 90% of the target compounds met calibration criteria with a RSD <20% or >0.99 correlation coefficient. The following compounds had RSDs >20% and <0.99 correlation coefficient: Hexachlorocyclopentadiene, 3-nitroaniline, 2,4-dinitrophenol, 2-nitrophenol, pentachlorophenol

The following compounds failed to meet the minimum required response factor: Hexachlorobenzene
Continuing Calibration:
Greater than 80% of target compounds met continuing calibration criteria with a %D <20. The following compunds had >20% difference from the initial calibration: Benzaldehyde, Hexachlorocyclopentadiene, 3-Nitroaniline, 2,4-Dinitrophenol, 4,6-Dinitro-2-methylphenol

Printed Name Keith Aloisa
Position: Chemist
Date: 9/18/2010

Instrument: Chem07 09/23/10-1 (AZ55916)

The DDT breakdown and pentachlorophenol & benzidine peak tailing were not evaluated in the DFTPP tune.

Initial Calibration (Chem07/SV_0919):
Greater than 90% of the target compounds met calibration criteria with a RSD <20% or >0.99 correlation coefficient. The following compounds had RSDs >20% and <0.99 correlation coefficient: Benzyl alcohol, hexachlorocyclopentadiene, 3-nitroaniline, 2,4 dinitrophenol, 2-nitroaniline, pentachlorophenol, carbazole

The following compounds failed to meet the minimum required response factor: Hexachlorobenzene

Continuing Calibration:
Greater than 80% of target compounds met continuing calibration criteria with a %D <20. The following compunds had >20% difference from the initial calibration: Hexachlorocyclopentadiene, 3-Nitroaniline, 2-Nitroaniline, Benzo(ghi)perylene

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Environmental Laboratories, Inc.
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Tel. (860) 645-1102 Fax (860) 645-0823

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RCP Certification Report

September 28, 2010

SDG I.D.: GAZ55910

Printed Name Keith Aloisa
Position: Chemist
Date: 9/23/2010

QC Comments: QC Batch 61720 09/21/10 (AZ55916)

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

QC (Site Specific)

---------- Sample No: AZ55911 ----------

All LCS recoveries were within 30 - 130 with the following exceptions: 2,4-Dinitrophenol, Pyridine

All LCSD recoveries were within 30 - 130 with the following exceptions: 2,4-Dinitrophenol, Pyridine

All LCS/LCSD RPDs were less than 30% with the following exceptions: 4,6-Dinitro-2-methylphenol

All MS recoveries were within 30 - 130 with the following exceptions: 2,4-Dinitrophenol, Pyridine

All MSD recoveries were within 30 - 130 with the following exceptions: Pyridine

All MS/MSD RPDs were less than 30% with the following exceptions: 2,4-Dinitrophenol

A matrix effect is suspected when a MS/MSD recovery is outside of criteria. No further action is required if LCS/LCSD compounds are within criteria.

QC (Batch Specific)

All LCS recoveries were within 30 - 130 with the following exceptions: 2,4-Dimethylphenol, 2-Nitroaniline, 3-Nitroaniline, Hexachlorocyclopentadiene, Pyridine

All LCSD recoveries were within 30 - 130 with the following exceptions: 2,4-Dimethylphenol, 2-Nitroaniline, 3-Nitroaniline, Hexachlorocyclopentadiene, Pyridine

All LCS/LCSD RPDs were less than 30% with the following exceptions: % 2-Fluorophenol, % Phenol-d5, 2,4,5-Trichlorophenol, 2,4,6-Trichlorophenol, 2,4-Dichlorophenol, 2,4-Dinitrophenol, 2-Chlorophenol, 2-Nitrophenol, 4-Chloro-3-methylphenol, Phenol

VOA Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Chem01 09/17/10-1 (AZ55916, AZ55917, AZ55918, AZ55919)

Initial Calibration Verification (CHEM01/RCPW_0908):
>90% of target compounds met criteria.
The following compounds had %RSDs >20%: Bromomethane

Continuing Calibration Verification:
>80% of target compounds met criteria. Internal standards were within the 50%-200% deviation from the initial calibration.

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

RCP Certification Report

September 28, 2010

SDG I.D.: GAZ55910

The following compounds had % Deviations >20%: None. Tetrahydrofuran (THF), Carbon Tetrachloride, Dibromochloromethane, Bromoform

Printed Name Lynne Matteson
Position: Chemist
Date: 9/17/2010

Instrument: Chem11 09/17/10-1 (AZ55910, AZ55911, AZ55912, AZ55913, AZ55914, AZ55915, AZ55920)

Initial Calibration Verification (CHEM11/RCPS_0830):
>90% of target compounds met criteria.
The following compounds had %RSDs >20%: Acetone

Continuing Calibration Verification:
>80% of target compounds met criteria. Internal standards were within the 50%-200% deviation from the initial calibration.
The following compounds had % Deviations >30%: acrolein, 1,2,4-Trichlorobenzene

Printed Name Lynne Matteson
Position: Chemist
Date: 9/17/2010

QC Comments: QC Batch 61694 09/21/10 (AZ55910, AZ55911, AZ55912, AZ55913, AZ55914, AZ55915, AZ55920)

A blank MS/MSD was analyzed with this batch. Due to poor instrument purge, the LCSD is not reported for this batch.

QC (Site Specific)

---------- Sample No: AZ55910 ----------

All LCS recoveries were within 70 - 130 with the following exceptions: None.

All MS recoveries were within 70 - 130 with the following exceptions: 1,1,2,2-Tetrachloroethane, Bromoform

All MSD recoveries were within 70 - 130 with the following exceptions: 1,1,2,2-Tetrachloroethane

All MS/MSD RPDs were less than 30% with the following exceptions: None.

A matrix effect is suspected when a MS/MSD recovery is outside of criteria. No further action is required if LCS/LCSD compounds are within criteria.

QC (Batch Specific)

All LCS recoveries were within 70 - 130 with the following exceptions: Bromoform, Dibromochloromethane

All LCSD recoveries were within 70 - 130 with the following exceptions: Bromoform, Carbon tetrachloride, Dibromochloromethane

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

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CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: service@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Temp 6 Pg 1 of 1

Data Delivery:
☐ Fax #:
☑ Email: joy.kloss@teamdtc.com

Customer: Diversified Technology Consultants
Address: 2321 Whitney Ave. Hamden, CT

Project: ConnDOT Westbrook SLE Station
Report to: Joy Kloss
Invoice to: DTC-DAS Contract / ISP Form

Project P.O: 0000077455
Phone #: 203-239-4200
Fax #: * labfilter

Client Sample - Information - Identification

Sampler's Signature: Joy P Kloss / [signature] Date 9-17-10

Matrix Code:
DW=drinking water WW=wastewater S=soil/solid O=other
GW=groundwater SL=sludge A=air

Analysis Request

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	VOCs 8260	SVOCs 8270	ETPH	PCBs 8082	Total RCRA 8 Metals	Pesticides	VOCs 624 & SVOC 625	TPH 1664 & PCB 608	Total RCRA 8 Metals 200.7 Cu+Zn 200.7*	Diss RCRA 8 Metals	Pesticides 608	Soil VOA [✓] Methanol [ ] S. Bisulfate [✓] H2O	GL Soil container (8) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [✓] HCl	GL Amber 1000ml [✓] As is [ ] H2SO4	PL As is [ ] 250ml [✓] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 ~~250ml~~ 500ml	PL NaOH 250ml	Bacteria Bottle
55910	RR-35 (15-16.5)	S	9-16-10	1255	X	X	X	X	X							3	1								
55911	RR-36 (10-11.5)	S	↓	0820	X	X	X	X	X							3	1								
55912	RR-38 (0-1.3)	S	9-17-10	1045	X	X	X	X	X	X						3	1								
55913	RR-38 (5-5.7)	S	↓	1105	X	X	X	X	X							3	1								
55914	RR-38 (10-11)	S	↓	1130	X	X	X	X	X							3	1								
55915	Trip Blank	—	—	—	X											3									
55916	RR-32 *	GW	9-17-10	0800							X	X	X	X	X				2	4	1		1		
55917	Duplicate	GW	↓	—							X	X							2	1					
55918	Field Blank	O	~~0800~~	920							X								2						
55919	Trip Blank	—	↓	—							X								1						
55920	TB-H																								

Relinquished by:	Accepted by:	Date:	Time:
Joy P Kloss	[signature]	9/17/10	1:00
[signature]	[signature]	9/17	1611

Comments, Special Requirements or Regulations:
*Filter RR-32 for Diss Metals at lab
→ Duplicate GW for VOCs + TPH only
→ Field Blank for VOCs only & Trip Blank

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☑ Standard
☐ Other
5-DAY
* SURCHARGE APPLIES

CT/RI
☑ RCP Cert.
☐ GW Protect.
☑ GA Mobility
☐ GB Mobility
☐ SW Protect.
☐ Res. Vol.
☐ Ind. Vol.
☑ Res. Criteria
☐ Other

MA
☐ MCP Cert.
☐ GW-1
☐ GW-2
☐ GW-3
☐ S-1
☐ S-2
☐ S-3
☐ MWRA eSMART
☐ Other

State where samples were collected: CT

Data Format
☐ Excel
☐ PDF
☐ GIS/Key
☐ EQuIS
☐ Other

Data Package
☐ ASP-A
☐ NJ Reduced Deliv. *
☐ NJ Hazsite EDD
☐ Phoenix Std Report
☐ Other

PHOENIX
Environmental Laboratories, Inc.

Monday, October 04, 2010

Attn: Ms Joy Kloss
Diversified Tech. Consultants
2321 Whitney Avenue 3rd floor
Hamden Center II
Hamden CT 06518

Project ID: CONN DOT WESTBROOK SLE STATION
Sample ID#s: AZ60769

This laboratory is in compliance with the QA/QC procedures outlined in EPA 600/4-79-019, Handbook for Analytical Quality in Water and Waste Water, March 1979, SW846 QA/QC and NELAC requirements of procedures used.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Telephone (860) 645-1102 Fax (860) 645-0823

PHOENIX

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Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 04, 2010

FOR: Attn: Ms Joy Kloss
Diversified Tech. Consultants
2321 Whitney Avenue 3rd floor
Hamden Center II
Hamden CT 06518

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	JK	09/09/10	8:30
Location Code:	DTECHDAS	Received by:	SW	10/01/10	14:50
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0000077455				

Laboratory Data

SDG ID: GAZ60769
Phoenix ID: AZ60769

Project ID: CONN DOT WESTBROOK SLE STATION

Client ID: RR-34 (2-3)

Parameter	Result	RL	Units	Date	Time	By	Reference
Lead	54.4	0.34	mg/Kg	10/02/10		LK	SW6010
SPLP Lead	0.063	0.010	mg/L	10/04/10		EK	E1312/SW6010
SPLP Extraction for Metals	Completed			10/01/10		X	EPA 1312
Total Metals Digest	Completed					F/AG	SW846 - 3050
SPLP Metals Digestion	Completed			10/04/10		X	SW846-3005

Comments:

Sample reported on an As Is basis. Insufficient sample to analyze for percent solids.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller

Phyllis Shiller, Laboratory Director
October 05, 2010

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac
NY # 11301

QA/QC Report

October 05, 2010

QA/QC Data

SDG I.D.: GAZ60769

Parameter	Blank	Dup RPD	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch 162493, QC Sample No: AZ60769 (AZ60769)								
ICP Metals - Soil								
Lead	BDL	2.80	107	116	8.1	91.6	92.2	0.7
QA/QC Batch 162553, QC Sample No: AZ60895 (AZ60769)								
ICP Metals - Aqueous Extraction								
Lead	BDL	0.90	98.6	95.6	3.1	96.4	99.6	3.3

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria

Phyllis Shiller, Laboratory Director
October 05, 2010

Tuesday, October 05, 2010

Requested Criteria: GAM, RV

Sample Criteria Exceedences Report

GAZ60769

SampNo	LocCode	Acode	Phoenix Analyte	Criteria Units	ST	State Category	Criteria Name	Result	RL	Factored Criteria	Factored RL Criteria	Analysis Units
AZ60769	DTECHDAS	SPLP-PB	SPLP Lead	mg/l	CT	Inorganic Substances	GA/GAA PMC (mg/l)**	0.063	0.010	0.015	0.015	mg/L

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Reasonable Confidence Protocol
Laboratory Analysis QA/QC Certification Form

Laboratory Name: Phoenix Environmental Labs, Inc. **Client:** DTECHDAS

Project Location: CONN DOT WESTBROOK SLE **Project Number:**

Laboratory Sample ID(s): AZ60769, AZ60770

Sampling Date(s): 9/9/2010

RCP Methods Used:

☑ 1311/1312 ☑ 6010 ☐ 7000 ☐ 7196 ☐ 7470/7471 ☐ 8081 ☐ EPH ☐ TO15

☐ 8082 ☐ 8151 ☐ 8260 ☐ 8270 ☐ ETPH ☐ 9010/9012 ☐ VPH

1.	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed (including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence	☑ Yes ☐ No
1a.	Were the method specified preservation and holding time requirements met?	☑ Yes ☐ No
1b.	EPH and VPH methods only: Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	☐ Yes ☐ No ☑ NA
2.	Were all samples received by the laboratory in a condition consistent with that described on the associated Chain-of-Custody document(s)?	☑ Yes ☐ No
3.	Were samples received at an appropriate temperature (< 6 Degrees C)?	☑ Yes ☐ No ☐ NA
4.	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents acheived?	☑ Yes ☐ No
5a.	Were reporting limits specified or referenced on the chain-of-custody?	☐ Yes ☑ No
5b.	Were these reporting limits met?	☐ Yes ☐ No ☑ NA
6.	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☐ Yes ☐ No ☑ NA
7.	Are project-specific QC samples included in the data set?	☑ Yes ☐ No ☐ NA

Note: For all questions to which the response was "No" (with the exception of question #5a, #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence"

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowlegde and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Date: Tuesday, October 05, 2010

Authorized Signature: Kathleen Cressia

Printed Name: Kathleen Cressia

Position: QA/QC Officer

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

RCP Certification Report

October 05, 2010

SDG I.D.: GAZ60769

ICP Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Icp7 10/02/10-1 (AZ60769)

The initial calibration met criteria.
The continuing calibration standards met criteria for all the elements reported. The linear range is defined daily by the calibration range.
The continuing calibration blanks were less than the reporting level for the elements reported.
The ICSA and ICSAB were analyzed at the beginning and end of the run and were within criteria.

Printed Name Emily Kolominskaya
Position: Chemist
Date: 10/2/2010

Instrument: Icp7 10/04/10-1 (AZ60769)

The initial calibration met criteria.
The continuing calibration standards met criteria for all the elements reported. The linear range is defined daily by the calibration range.
The continuing calibration blanks were less than the reporting level for the elements reported.
The ICSA and ICSAB were analyzed at the beginning and end of the run and were within criteria.

Printed Name Emily Kolominskaya
Position: Chemist
Date: 10/4/2010

PHOENIX

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Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

RCP Certification Report

October 05, 2010

SDG I.D.: GAZ60769

QC (Site Specific)

---------- Sample No: AZ60769 ----------

All LCS recoveries were within 75 - 125 with the following exceptions: None.

All LCSD recoveries were within 75 - 125 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

All MS recoveries were within 75 - 125 with the following exceptions: None.

All MSD recoveries were within 75 - 125 with the following exceptions: None.

All MS/MSD RPDs were less than 30% with the following exceptions: None.

A matrix effect is suspected when a MS/MSD recovery is outside of criteria. No further action is required if LCS/LCSD compounds are within criteria.

QC (Batch Specific)

All LCS recoveries were within 75 - 125 with the following exceptions: None.

All LCSD recoveries were within 75 - 125 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

PHOENIX Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: service@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Temp 6 Pg 1 of 1

Data Delivery:
- [ ] Fax #:
- [x] Email: joy.kloss@tcamdtc.com

Customer: DTC
Address: 2321 Whitney Ave
Hamden CT

Project: ConnDOT Westbrook SLE Station
Report to: Joy Kloss
Invoice to: DTC - DAS Contract/ISP Form

Project P.O: 0000077455
Phone #: 203-239-4200
Fax #:

Client Sample - Information - Identification

Sampler's Signature: Joy P Kloss Date: 9-30-10

Matrix Code:
DW=drinking water WW=wastewater S=soil/solid O=other
GW=groundwater SL=sludge A=air

Analysis Request

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	~~Total Pb~~ SPLPPb (JPK)	Total Pb	Soil VOA [ ] Methanol [ ] S. Bisulfate [ ] H2O	GL Soil container (8) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
60769	RR-34 (2-3)	S	9/9/10	0830	X	X		1								
60770	RR-34 (5-5.5) (*)	S	↓	0840	~~X~~	~~X~~ (JPK)		1								

Relinquished by:	Accepted by:	Date:	Time:
Joy P Kloss	[illegible]	10/1/10	11:50
[illegible]	[illegible]	10/1	14:50

Comments, Special Requirements or Regulations:
~~X Hold Sample~~ (JPK)
(*) Please hold sample

Turnaround:
- [ ] 1 Day*
- [ ] 2 Days*
- [ ] 3 Days*
- [ ] Standard
- [x] Other

5-DAY
* SURCHARGE APPLIES

CT/RI
- [x] RCP Cert.
- [ ] GW Protect.
- [x] GA Mobility
- [ ] GB Mobility
- [ ] SW Protect.
- [x] Res. Vol.
- [ ] Ind. Vol.
- [ ] Res. Criteria
- [ ] Other

MA
- [ ] MCP Cert.
- [ ] GW-1
- [ ] GW-2
- [ ] GW-3
- [ ] S-1
- [ ] S-2
- [ ] S-3
- [ ] MWRA eSMART
- [ ] Other

Data Format
- [ ] Excel
- [ ] PDF
- [ ] GIS/Key
- [ ] EQuIS
- [ ] Other

Data Package
- [ ] ASP-A
- [ ] NJ Reduced Deliv. *
- [ ] NJ Hazsite EDD
- [ ] Phoenix Std Report
- [ ] Other

State where samples were collected: CT