TASK 210 Subsurface Site Investigation

New Britain to Hartford Busway
Proposed East Street Station

1285 East Street
New Britain, Connecticut

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

January 2011

ON-CALL ENVIRONMENTAL SERVICES
ConnDOT Project No. 171-305
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DIVERSIFIED TECHNOLOGY CONSULTANTS, INC.
HAMDEN, CT ANDOVER, MA

SIGNATURE PAGE

TASK 210 SUBSURFACE SITE INVESTIGATION

NEW BRITAIN TO HARTFORD BUSWAY PROJECT

PROPOSED EAST STREET STATION

1285 EAST STREET

NEW BRITIAN, CONNECTICUT

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TABLE OF CONTENTS

1.0 INTRODUCTION 1

1.1 BACKGROUND AND PURPOSE 1
1.2 PREVIOUS ENVIRONMENTAL REPORTS 1
1.3 SCOPE OF WORK 1

2.0 LOCAL ENVIRONMENT AND RECEPTORS 3

2.1 SURFICIAL GEOLOGY 3
2.2 BEDROCK GEOLOGY 3
2.3 GROUNDWATER 3
2.4 SURFACE WATER 3
2.5 DRINKING WATER SUPPLY 3

3.0 FIELD INVESTIGATION AND SAMPLING METHODS 4

3.1 SOIL BORING ADVANCEMENT AND SAMPLING 4
3.2 GROUNDWATER GRAB SAMPLE COLLECTION 4

4.0 REGULATORY CRITERIA 5

4.1 SOIL CRITERIA 5
4.2 GROUNDWATER CRITERIA 5

5.0 SUMMARY AND EVALUATION OF ANALYTICAL DATA 6

5.1 SOIL SAMPLE ANALYTICAL RESULTS 6
5.2 GROUNDWATER SAMPLE ANALYTICAL RESULTS 7
5.3 QUALITY ASSURANCE (QA)/QUALITY CONTROL (QC) RESULTS 8

6.0 CONCLUSIONS AND RECOMMENDATIONS 9

6.1 CONCLUSIONS 9
6.2 RECOMMENDATIONS 10

7.0 LIMITATIONS 11

8.0 REFERENCES 12

FIGURES

Figure 1 Site Location Map
Figure 2 Soil Boring Locations
Figures 3-4 Preliminary Areas of Environmental Concern

TABLES

Table 1 Soil Sample Location Rational and Select Analyses
Table 2 Soil Sample Analytical Results
Table 3 Groundwater Sample Analytical Results

APPENDICES

Appendix A Soil Boring Logs
Appendix B Soil & Groundwater Analytical Laboratory Report

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) at the site of the proposed East Street Station for the New Britain to Hartford Busway Project. ConnDOT is proposing to construct a bus station on a portion of the property known as 1285 East Street in New Britain, Connecticut (see Figure 1). The 1285 East Street property is owned by the State of Connecticut and occupied by a daycare facility within the western portion of the property adjacent to East Street. The Task 210 SSI was limited to the areas that will be impacted by construction activities associated with the proposed busway station.

This report provides a brief description and environmental history of the site, 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 portion of the property that was investigated is comprised of grass and wooded areas.

The SSI included the advancement of eight soil borings in order to collect soil and groundwater grab samples, analysis of nineteen soil samples and three groundwater samples, and analysis of a field blank water sample and trip blank water sample for Quality Assurance/Quality Control (QA/QC) purposes.

The purpose of this SSI is to evaluate current conditions at the site and to identify the presence and location of subsurface contamination prior to the proposed construction activities.

1.2 Previous Environmental Reports

Baker Engineering NY, Inc. (Baker) completed a Task 120 Preliminary Site Evaluation report for the 1285 East Street property in November 2002 that identified environmental concerns. The site's past includes use of an underground heating oil tank, and an on-site septic system. An auto body shop and tool maker previously operated either on this property or in close proximity, with no information available on waste handling or disposal procedures. A previous limited environmental investigation had been completed with the sale of the property, and soil and groundwater samples were found to contain volatile and semi-volatile organic compounds, total petroleum hydrocarbons, and metals.

1.3 Scope of Work

This Task 210 SSI was completed in accordance with DTC's Task 210 Work Plan, dated October 1, 2010. The Task 210 SSI activities were designed based on the proposed activities for the property, as described above.

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

- Pre-drilling activities, including: (1) marking proposed drilling locations and (2) contacting Call-Before-You-Dig to request mark outs of publicly-owned utilities;
- Completion of eight soil borings using a truck-mounted Geoprobe® direct push drill-rig;
- Recording lithology and field screening soil samples with a photoionization detector (PID);

- Collection and laboratory analysis of 19 soil samples for one or more of the following:
    - Volatile organic compounds (VOCs) by EPA Method 8260;
    - Extractable total petroleum hydrocarbons (ETPH) by the Connecticut DEP method;
    - Polychlorinated biphenyls (PCBs) by EPA Method 8082;
    - Polynuclear aromatic hydrocarbons (PAHs) by EPA Method 8270;
    - Chlorinated pesticides by EPA Method 8081;
    - Chlorinated herbicides by EPA Method 8151;
    - Total metals (arsenic, cadmium, chromium, mercury, and lead);
    - Leachable lead by the Synthetic Precipitation Leaching Procedure (SPLP); and
    - Leachable lead by the Toxicity Characteristic Leaching Procedure (TCLP).
- Collection and laboratory analysis of three groundwater grab samples for one or more of the following: VOCs by EPA Method 624, total petroleum hydrocarbons (TPH) by EPA Method 1664, PAHs by EPA Method 625, pesticides by EPA Method 608, chlorinated herbicides by EPA Method 615, PCBs by EPA Method 608, and total and dissolved metals (arsenic, barium, cadmium, chromium, copper, lead, mercury, and zinc) by EPA Method 200.7.

2.0 LOCAL ENVIRONMENT AND RECEPTORS

2.1 Surficial Geology

According to the CTDEP's "Environmental GIS Data for Connecticut" (updated to August 12, 2010), the surficial deposits underlying the site consist of coarse sand.

Based on soil samples observed during the soil boring advancement activities, surficial materials at the site consist of fill comprised of brick, wood, and asphalt underlain by sand and some silt. Boring logs are included as Appendix A.

2.2 Bedrock Geology

According to the "Bedrock Geology Map of Connecticut" (Rodgers, 1985), the site is described as underlain by Portland Arkose, a red-brown arkose brownstone. No bedrock outcrops were observed at the site.

2.3 Groundwater

The CTDEP's "Environmental GIS Data for Connecticut" (updated to August 12, 2010) depicts the groundwater classification for the site area as "GA", which indicates that the site is located 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 CT DEP presumes that groundwater in such an area is, at a minimum, suitable for drinking or other domestic uses without treatment.

Based on the site's location (Piper Brook and associated wetlands are located approximately 1,000 feet to the east), groundwater likely flows in an easterly/northeasterly direction. It should be noted that the groundwater flow direction may vary depending on season, precipitation, bedrock, and the presence of subsurface structures and impervious surfaces.

During drilling activities for this Task 210 SSI, the groundwater table beneath the site was encountered at approximately 10 feet below grade.

2.4 Surface Water

The Piper Brook lies approximately 1,000 feet east of the site. According to the above referenced DEP GIS data, the Piper Brook is classified as a class "B" surface water body. Class "B" surface water is considered suitable for one or more uses, which include certain fish and wildlife habitat, industrial uses, and navigation.

2.5 Drinking Water Supply

The New Britain Public Works provides public water service to the site area.

3.0 FIELD INVESTIGATION AND SAMPLING METHODS

This Task 210 SSI included the completion of eight soil borings and the collection and laboratory analysis of 19 soil samples and three groundwater samples.

DTC subcontracted Logical Environmental Solutions, LLC (LES) of Tolland, Connecticut to advance the soil borings using a truck-mounted Geoprobe® direct push drill rig. The subsurface exploration investigation was completed on November 18, 2010.

The locations of the soil borings are depicted on Figure 2.

Soil samples were analyzed for the following parameters: VOCs, ETPH, PCBs, PAHs, chlorinated herbicides and pesticides, total metals (arsenic cadmium, chromium, mercury, and lead), and leachable metals (arsenic and lead) and pesticides by SPLP. The groundwater samples were analyzed for VOCs, ETPH, PAHs, PCBs, pesticides, herbicides, and total and dissolved metals (arsenic, barium, cadmium, chromium, copper, lead, mercury, and zinc). Tables 1 and 2 provide a summary of the results of the laboratory analyses conducted on the soil and groundwater samples. The following sections summarize the field investigation and sampling methodologies used during this investigation.

3.1 Soil Boring Advancement and Sampling

Eight soil borings, identified as B-1 through B-8, were completed within the proposed construction limits of the East Street station utilizing a truck-mounted Geoprobe® rig to a depth of 16 feet below grade. Continuous soil samples were obtained using a four-foot macro core sampling device with dedicated PVC sample liners. The macro core sample liner was opened along its long axis to allow inspection, description of lithology, and sampling of the soil core.

A representative portion of each 4-foot long soil core was immediately collected by the DTC field scientist and field screened 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 soil boring logs, which are included as Appendix A.

Two to three soil samples per boring, plus one duplicate soil sample from B-7, were submitted to Phoenix Environmental Laboratories, Inc. (Phoenix) of Manchester, CT, a State of Connecticut Department of Public Health certified environmental testing laboratory, using proper preservation techniques and chain of custody control.

3.2 Groundwater Grab Sample Collection

Three groundwater grab samples, identified as B-6/GW, B-7/GW, and B-8/GW were collected where sufficient groundwater was encountered for sampling. The groundwater grab samples were collected by temporarily installing ½-inch PVC screen into the open borehole. Dedicated polyethylene tubing was placed down the well screen and the groundwater was pumped to the surface utilizing a variable speed peristaltic pump with dedicated neoprene tubing. Prior to sampling, the well was purged at a low-flow volume rate until all visible sediment was removed from the temporary well. The groundwater was then pumped at a low-flow volume rate into pre-preserved sample containers provided by the laboratory. Upon collection, the groundwater samples were immediately placed in a cooler with ice. The samples were submitted to Phoenix using proper preservation techniques and chain of custody control.

4.0 REGULATORY CRITERIA

The 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 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, specific numeric cleanup criteria, and processes for establishing alternative site-specific standards. 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 subject site is not currently regulated under any of these State statutes. However, DTC used the numeric criteria in the RSRs as guidelines to assess the site 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.

DTC compared the soil analytical results to criteria that are applicable to residential and industrial/commercial usage, in an area with "GA" classified groundwater. DTC compared the concentrations of contaminants detected in the site groundwater to the limits listed in the DEP General Permit for the Discharge of Groundwater Remediation Wastewater Directly to Surface Water, Appendix A - Toxic and Hazardous Pollutants and their Maximum Concentrations.

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. For this site, the soil analytical results were compared to both the Residential and Industrial/Commercial 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.

4.2 Groundwater Handling

Groundwater Remediation Wastewater Discharge Directly to Surface Water Permit Limits

The DEP has developed maximum concentrations for certain contaminants that can be discharged to a surface water body under the DEP General Permit for the Discharge of Groundwater Remediation Wastewater Directly to Surface Water. Appendix A of the permit application outlines the maximum concentrations that are allowed if the Contractor submits a General Permit Registration to discharge potentially contaminated groundwater directly to surface water during the construction phase of the project.

5.0 SUMMARY AND EVALUATION OF ANALYTICAL DATA

5.1 Soil Sample Analytical Results

Soil analytical results are summarized in Table 1, along with the regulatory criteria. The soil analytical laboratory reports are included in Appendix B. The soil analytical results are discussed below.

ETPH

16 soil samples were analyzed for petroleum hydrocarbons utilizing the ETPH method. The B-1 (4-6') sample (190 ppm), B-2 (4-6') sample (16 ppm), and B-4 (0-2') sample (17 ppm) contained petroleum hydrocarbons at a concentration above the detection limits, but below the Residential DEC of 500 ppm. No other soil samples contained petroleum hydrocarbons at concentrations above the detections limit.

Volatile Organic Compounds (VOCs)

16 soil samples were analyzed for VOCs. None of the soil samples contained detectable concentrations of VOC compounds.

PAHs

18 soil samples were analyzed for PAHs. Varying concentrations of PAHs were detected in three of the 18 soil samples within the project area. The B-1 (4-6') sample contained the PAHs benzo(a)pyrene (1.1 ppm) and benzo(k)fluoranthene (1.3 ppm) at concentrations that exceed their respective Residential DEC, Industrial/Commercial DEC, and GA PMC. The B-6 (4-6') sample contained the PAHs benzo(a)anthracene (1.1 ppm), benzo(a)pyrene (1.1 ppm), benzo(b)fluoranthene (1.6 ppm), and chrysene (1.1 ppm) at concentrations that exceed their respective Residential DEC, Industrial/Commercial DEC, and/or GA PMC. Other PAH compounds were detected in samples B-1 (4-6'), B-1 (6-8'), and B-6 (4-6'), at concentrations below any applicable RSR criteria.

PCBs

11 soil samples were analyzed for PCBs. None of the soil samples contained detectable concentrations of PCBs.

Chlorinated Herbicides

Eight soil samples were analyzed for chlorinated herbicides. None of the soil samples contained detectable concentrations of herbicides.

Chlorinated Pesticides

Ten soil samples were analyzed for chlorinated pesticides. Two soil samples contained chlorinated pesticides above the detection limits. The B-4 (0-2') sample contained chlordane (0.11 ppm) and the Duplicate-1 (B-7 (0-2')) sample contained 4,4-DDE (0.0099 ppm) and 4,4-DDT (0.011 ppm). No concentrations exceeded the Residential or Industrial/Commercial DEC.

In order to evaluate compliance with the GA PMC, samples B-4 (0-2') and Duplicate-1 (B-7 (0-2')) were also analyzed for leachable chlorinated pesticides by synthetic precipitation leaching procedure (SPLP). SPLP pesticides were not detected above the detection limit.

Metals

17 soil samples were analyzed for total metals including arsenic, cadmium, chromium, mercury, and lead. One soil sample, B-1 (4-6') contained total lead at a concentration that exceeded the Residential and Commercial/Industrial DEC.

Based upon the results of the total metals analyses, selected two soil samples, B-1 (4-6') and Duplicate-1 (B-7 (0-2')), were also analyzed for leachable lead. The B-1 (4-6') sample contained leachable lead (0.059 ppm) at a concentration that exceeds the GA PMC of 0.015 ppm. Duplicate-1 (B-7 (0-2')) did not contained leachable lead exceeding the GA PMC.

Soil sample B-1 (4-6') was also analyzed by toxicity characteristic leaching procedure (TCLP). The B-1 (4-6') sample contained TCLP lead (1.09 ppm) at a concentration that is below the RCRA characteristically hazardous regulatory limit of 5 ppm.

5.2 Groundwater Sample Analytical Results

Three groundwater samples denoted as B-6/GW, B-7/GW, and B-8/GW were submitted for laboratory analysis for one or more of the following; VOCs, TPH, PAHs, PCBs, pesticides, herbicides, and total and dissolved metals (arsenic, barium, cadmium, chromium, copper, lead, mercury, and zinc). Groundwater analytical results are summarized in Table 2, along with the surface water discharge limits. The groundwater laboratory analytical report is included as Appendix B. The groundwater analytical results are summarized below.

TPH

The B-7/GW sample contained petroleum hydrocarbons at a concentration of 4.8 ppm, which does not exceed the discharge permit limit of 5 ppm. None of the other groundwater samples contained detectable concentrations of TPH.

Volatile Organic Compounds (VOCs)

None of the groundwater samples contained detectable concentrations of VOCs.

PAHs

The B-6/GW and B-8/GW samples contained low concentrations of various PAHs, with the total PAH concentration of 0.239 ppb and 0.375 ppb, respectively. The total PAHs are below the discharge permit limit of 5 ppb. None of the other groundwater samples contained detectable concentrations of PAH compounds.

PCBs

None of the groundwater samples contained detectable concentrations of PCBs.

Pesticides

None of the groundwater samples contained detectable concentrations of pesticides.

Herbicides

None of the groundwater samples contained detectable concentrations of herbicides.

Total Metals

The B-6/GW and B-7/GW samples contained concentrations of one or more total metals above the discharge permit limit.

Dissolved Metals

The B-6/GW and B-7/GW samples contained concentrations of one or more dissolved metals above the detection limit, but below the discharge permit limit.

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

Soil

As part of the QA/QC protocol, DTC submitted a duplicate soil sample, Duplicate-1 [B-7 (0-2')] for laboratory analyses. The results of the B-7 (0-2') and Duplicate-1 [B-7 (0-2')] samples were comparable and within acceptable QA/QC ranges. In addition, DTC thoroughly reviewed the QA/QC report included with the laboratory analytical report to evaluate the reliability of the analytical data. Based on the information provided in the laboratory QA/QC report, the analytical data are reliable. Please refer to the analytical report for a detailed narrative discussion of the reliability of the data.

Groundwater

As part of the QA/QC protocol, DTC submitted a duplicate groundwater sample Duplicate-2 [B-6/GW)] for laboratory analyses. The results of the B-6/GW and Duplicate-2 (B-6/GW) samples were comparable and within acceptable QA/QC ranges.

A field blank was collected by DTC during drilling activities. The field blank was collected by pouring laboratory supplied de-ionized water through a clean macro core liner and cutting shoe and collecting the rinsate in the appropriate sample containers. The purpose of the field blank sample is to evaluate the potential for contaminants to be introduced by the drilling tools and equipment during drilling activities. The field blank sample was analyzed for VOCs and TPH. No contaminants were detected in the field blank sample, indicating that no contaminants were likely introduced during the drilling activities.

In addition, 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 the trip blank sample is to evaluate the potential for cross-contamination during transport. The trip blank sample was damaged on the way to the laboratory, therefore the trip blank could not be analyzed.

6.0 CONCLUSIONS AND RECOMMENDATIONS

6.1 Conclusions

As noted in Section 1.1, the purpose of this Task 210 SSI was to collect soil and groundwater samples, to use the soil and groundwater analytical data from the borings to evaluate current conditions at the site, and to identify the presence and location of subsurface contamination prior to the proposed construction activities.

The Task 210 SSI activities completed by DTC on November 18, 2010 included the completion of eight soil borings, and collection and laboratory analysis of 19 soil and three groundwater grab samples. The Task 210 provided information for areas of proposed drainage structures and other construction activities associated for the proposed East Street Station.

The soil samples collected as part of the Task 210 SSI were analyzed for the following: VOCs, ETPH, PAHs, PCBs, chlorinated herbicides and pesticides, total metals (arsenic, cadmium, chromium, mercury, and lead), and leachable lead by SPLP and TCLP. The groundwater samples were analyzed for VOCs, ETPH, PAHs, PCBs, pesticides, herbicides, and total and dissolved metals (arsenic, barium, cadmium, chromium, copper, lead, mercury, and zinc).

Based on the findings of this Task 210 SSI, DTC indentified two (2) Areas of Environmental Concern (AOECs) where contaminants are present in the soil at concentrations that exceed the DEP RSR criteria. In addition, a portion of the project site would be considered a Low-Level Area of Environmental Concern (LLAOEC), where contaminants were detected at concentrations below applicable RSR criteria, but above laboratory detection limits. A groundwater AOEC was also identified due to groundwater impacted with contaminants at concentrations that would require special handling before discharge to surface water during the construction phase of the project.

The following summarizes the locations of the soil AOECs and LLAOEC within the project area.

Soil Area of Environmental Concern

AOEC #1: Boring B-1

The analytical results from the soil samples collected from boring B-1 indicate the presence of PAHs and lead at slightly elevated concentrations in soil ranging from 4 to 8 feet below grade. Total and leachable lead was detected at elevated concentrations in soil ranging from 4 to 6 feet below grade. The contamination detected exceeds the GA PMC, Residential DEC, and Commercial/Industrial DEC.

AOEC #2: Boring B-6

The analytical results from the soil sample collected from boring B-6 indicate the presence of PAHs at slightly elevated concentrations in soil ranging from 4 to 6 feet below grade. The contamination detected exceeds the GA PMC, Residential DEC, and Commercial/Industrial DEC.

Low Level Area of Environmental Concern

LL AOEC "A": Borings B-4 and B-7

The analytical results from the above locations indicate the presence of pesticides and lead at low concentrations that do not exceed any applicable RSR criteria. The contamination was detected in soil ranging from 0 to 2 feet below grade. Based upon this, these areas have been designated as a Low Level Area of Environmental Concern.

Groundwater Area of Environmental Concern

GWAOEC: Boring B-6 and B-7

The analytical results from the above locations indicate the presence of TPH at a concentration close to the maximum concentration limit in the DEP General Permit for the Discharge of Groundwater Remediation Wastewater Directly to Surface Water, and total metals at concentrations that exceeded the maximum concentration limits. The concentrations of dissolved metals do not exceed the discharge permit limits. Due to the concentration of TPH and total metals present, groundwater will need to be treated to lower turbidity before discharge to surface water if encountered during project construction. Based upon this, this area has been designated as a Groundwater Area of Environmental Concern.

6.2 Recommendations

DTC does not recommend additional soil or groundwater investigations at this time. The soil and groundwater results have established the current conditions at the site and identified areas where contamination is present. Based upon the results of this investigation, DTC recommends that a Task 310 Plans and Specifications be prepared to address the construction activities within the Areas of Environmental Concern and Low Level Area of Environmental Concern discussed above.

7.0 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.

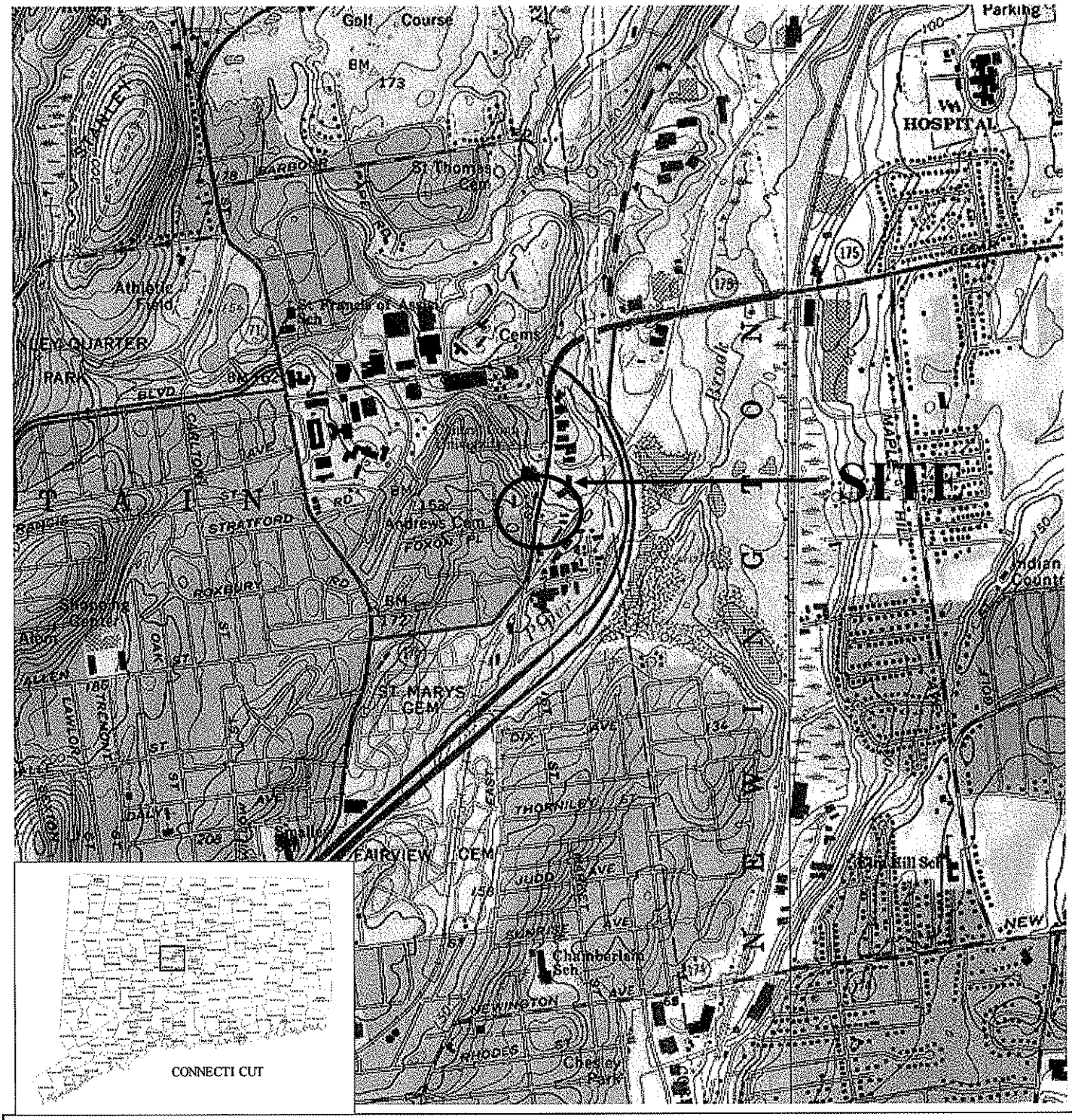
In completing this Task 210 SSI, DTC has relied upon information provided by subcontractors (i.e. laboratories and drilling contractors). DTC has relied upon this information carefully; however, DTC provides no warranty regarding the accuracy and completeness of the information provided.

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.

8.0 REFERENCES

1. State of Connecticut Department of Environmental Protection (DEP), 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. DEP, "Comprehensive List of Approved Additional Polluting Substances Criteria and Alternative Criteria", dated October 24, 2005.
3. DEP, "Regulated Criteria Summary Table", CTDEP website, October 11, 2007.
4. DEP, "Environmental GIS Data", updated August 12, 2010.
5. State of Connecticut Department of Transportation, Division of Environmental Compliance, "On-Call Contaminated Soil/Groundwater Scopes" manual, dated 2010.
6. Rogers, J. "Connecticut Bedrock and Natural History Survey", Connecticut Geological and Natural History Survey, Department of the Interior United States Geological Survey, 1985.
7. Baker Engineering NY, Inc., "Task 120 – Preliminary Site Investigation, 1285 East Street, New Britain, Connecticut," dated November 2002.

FIGURES



ConnDOT PROJECT No. 171-305
NEW BRITAIN TO HARTFORD BUSWAY
PROPOSED EAST STREET STATION
NEW BRITAIN, CONNECTICUT

DTC Project No: 09-188-02E
January 2011

Hartford North Quadrangle No.51
1:24,000

Figure 1

Diversified Technology Consultants, Inc.
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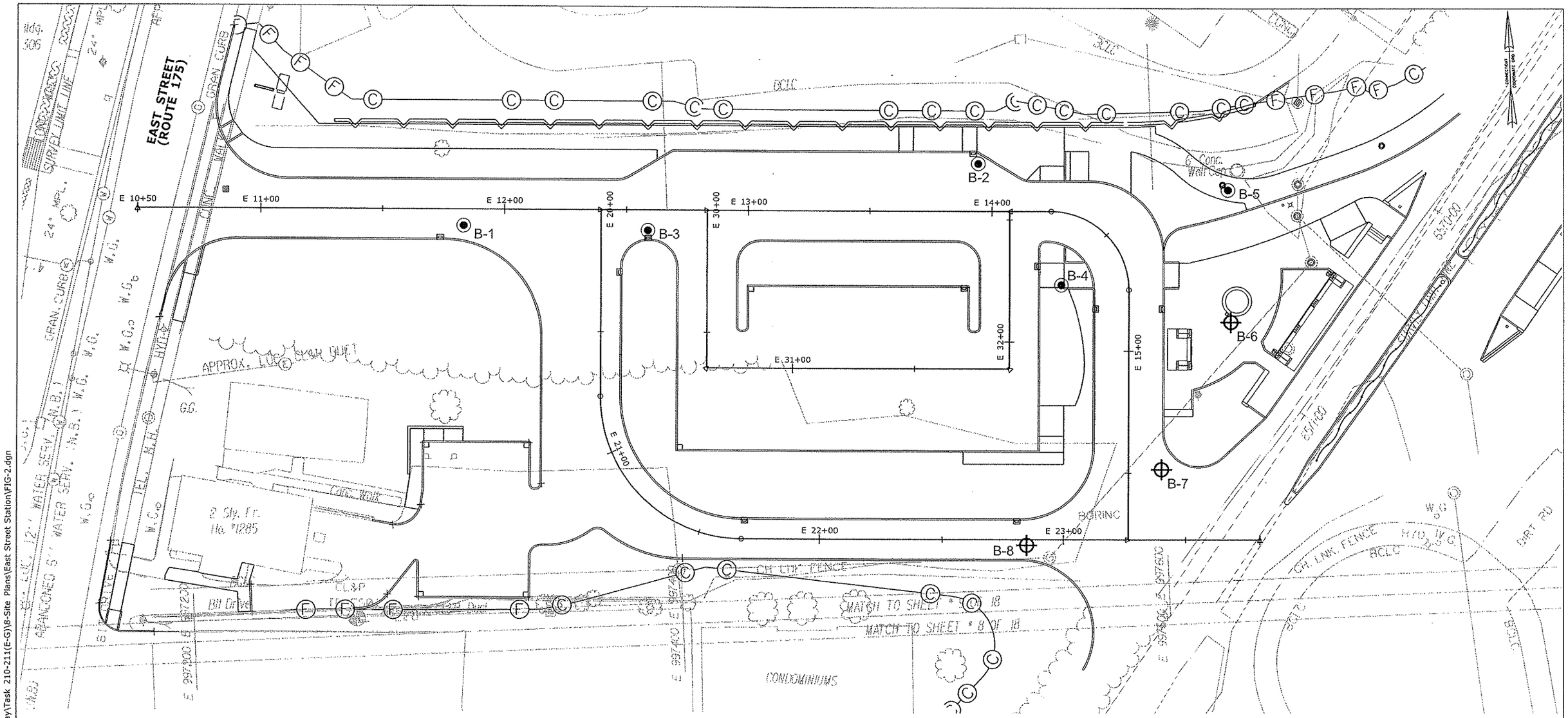
Andover, MA



LEGEND

- DTC SOIL BORING
- DTC TEMPORARY MONITORING WELL

GRAPHIC SCALE

40 0 20 40 80

(IN FEET)

DTC PROJECT NUMBER: 09-188-02E
DTC DRAWING FILE: ...\East Street Station\FIG-2.dgn
SCALE: 1" = 40'± DRAWN BY: STG
DATE: 1/14/11 CHECKED BY: ES

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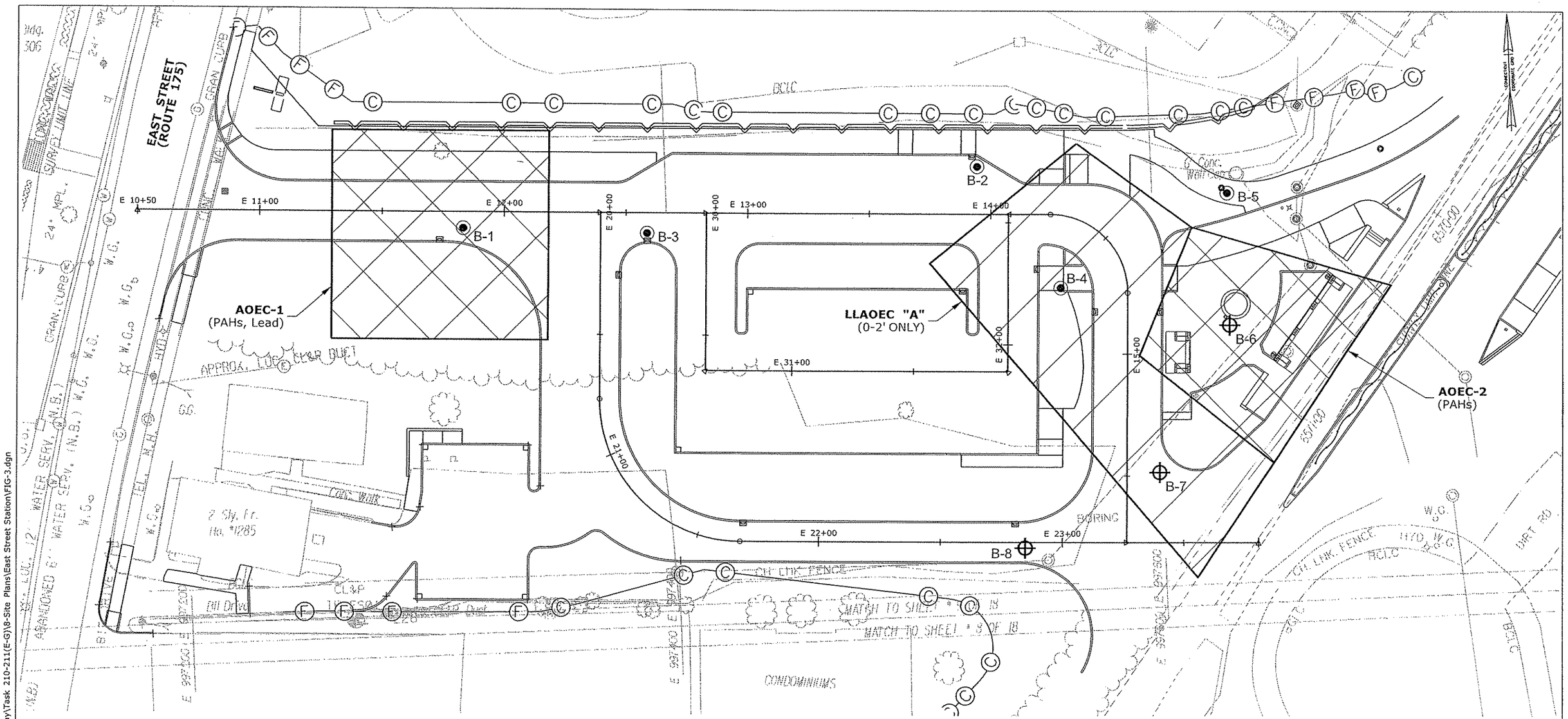
TASK 210
SOIL BORING LOCATIONS

PROPOSED EAST STREET STATION

NEW BRITAIN - HARTFORD
BUSWAY
NEW BRITAIN, CT

FIGURE 2

P:_Environmental\DOT 09188\02 New Britain Hartford Busway\Task 210-211(E-G)\8-Site Plans\East Street Station\FIG-2.dgn



LEGEND

LOW LEVEL AREA OF ENVIRONMENTAL CONCERN (LLAOEC)

AREA OF ENVIRONMENTAL CONCERN (AOEC)

DTC SOIL BORING

DTC TEMPORARY MONITORING WELL

GRAPHIC SCALE

40 0 20 40 80

(IN FEET)

DTC PROJECT NUMBER: 09-188-02E
DTC DRAWING FILE: ...\East Street Station\FIG-3.dgn
SCALE: 1" = 40'±
DRAWN BY: STG
DATE: 1/14/11
CHECKED BY: ES

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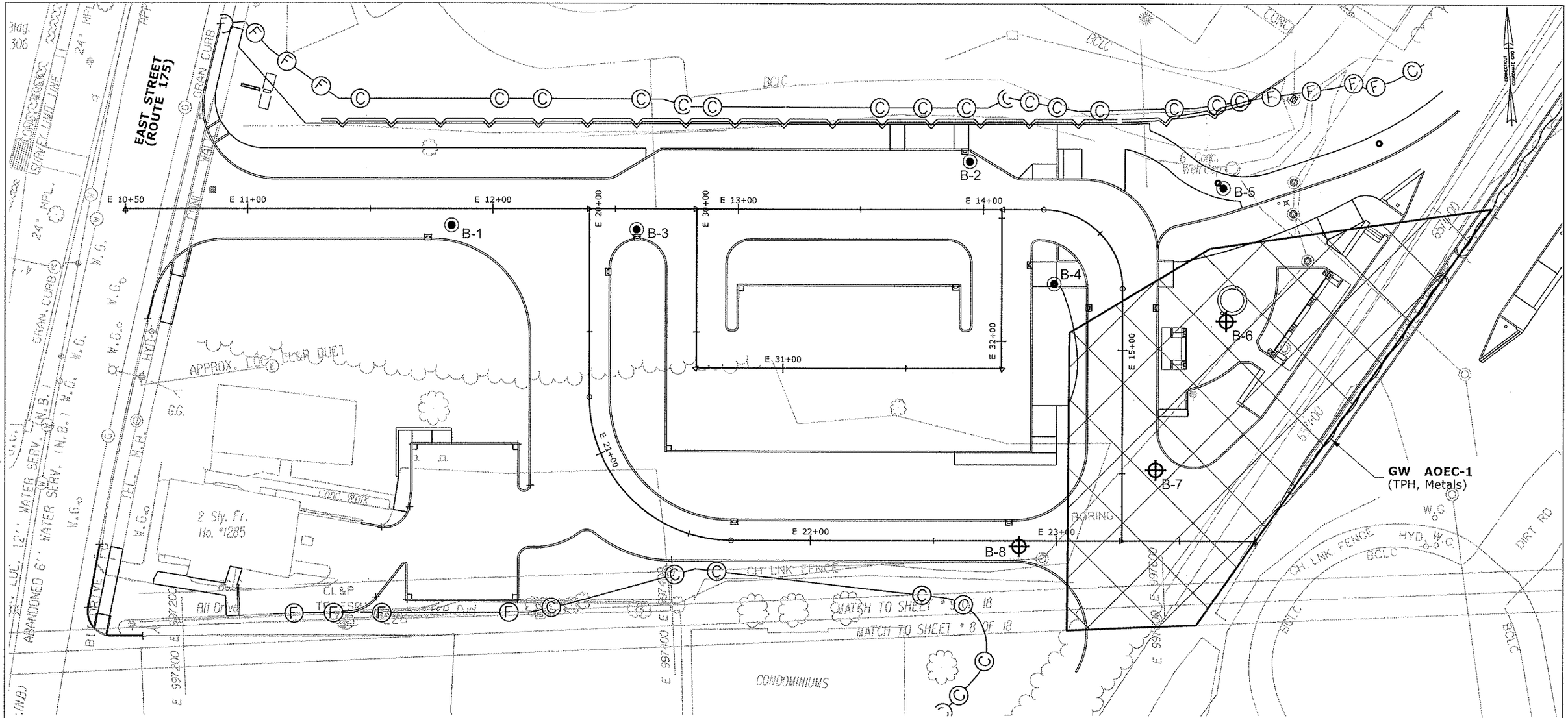
TASK 210
PRELIMINARY SOIL AREAS OF ENVIRONMENTAL CONCERN

PROPOSED EAST STREET STATION

NEW BRITAIN - HARTFORD BUSWAY
NEW BRITAIN, CT

FIGURE 3

P:_Environmental\DOT 09188\02 New Britain Hartford Busway\Task 210-211(E-G)\8-Site Plans\East Street Station\FIG-3.dgn



LEGEND

GROUNDWATER AREA OF ENVIRONMENTAL CONCERN (GW AOEC)

DTC SOIL BORING

DTC TEMPORARY MONITORING WELL

GRAPHIC SCALE

40 0 20 40 80

(IN FEET)

DTC PROJECT NUMBER: 09-188-02E
DTC DRAWING FILE: ...\East Street Station\FIG-4.dgn
SCALE: 1" = 40'±
DRAWN BY: STG
DATE: 1/14/11
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TASK 210
PRELIMINARY GROUNDWATER AREA OF ENVIRONMENTAL CONCERN

PROPOSED EAST STREET STATION

NEW BRITAIN - HARTFORD BUSWAY
NEW BRITAIN, CT

FIGURE 4

P:_Environmental\DOT 09188\02 New Britain Hartford Busway\Task 210-211(E-G)\8-Site Plans\East Street Station\FIG-4.dgn

TABLES

TABLE 1

Soil Sample Location Rationale and Selected Analyses

Task 210 – Subsurface Site Investigation
New Britain to Hartford Busway – East Street Station
New Britain, Connecticut

Sample Identification	Sample Interval (feet)	Location Rationale	VOCs (8260) Soil (624) GW	PAHs (8270) Soil (625) GW	ETPH or TPH 1664	Metals RCRA 5 (Soil) RCRA 8 (GW)	PCBs (8082) Soil (608) GW	Herbicides (8151) Soil (615) GW	Pesticides (8081) Soil (608) GW
B-1	0-2.5	Soil, within Limits of proposed East Street Station construction activities	X	X	X	X	X	X	X
	4-6		X	X	X	X			
	6-8			X		X			
B-2	0-2	Soil, within Limits of proposed East Street Station construction activities	X	X	X	X	X	X	X
	4-6		X	X	X	X			
B-3	0-1.5	Soil, within Limits of proposed East Street Station construction activities	X	X	X	X	X	X	X
	4-6		X	X	X	X			
B-4	0-2	Soil, within Limits of proposed East Street Station construction activities	X	X	X	X	X	X	X
	2-3.5								X*
	6-8		X	X	X	X	X	X	
B-5	0-2	Soil, within Limits of proposed East Street Station construction activities	X	X	X	X	X	X	X
	2-4		X	X	X	X	X		
B-6**	0-2	Soil, within Limits of proposed East Street Station construction activities	X	X	X	X	X	X	X
	4-6		X	X	X	X	X		
	6-7.5			X					
	GW		X	X	X	X	X	X	X
B-7**	0-2	Soil, within Limits of proposed East Street Station construction activities	X	X	X	X	X	X	X
	2-3		X	X	X	X			
	GW		X	X	X	X	X	X	X
B-8**	0-2	Soil, within Limits of proposed East Street Station construction activities	X	X	X	X	X	X	X
	2-3		X	X	X	X			
	GW		X	X	X				

Notes:
* Sample also analyzed by SPLP and/or TCLP.
**Groundwater sample location.

TABLE 2

Soil Sample Analytical Results

Task 210 - Subsurface Site Investigation
New Britain to Hartford Busway - East Street Station
New Britain, Connecticut

Parameters	Remediation Standard Regulations RES DEC	I/C DEC	GA PMC	B-1 0-2.5' 11/18/10	B-1 4-6' 11/18/10	B-1 6-8' 11/18/10	B-2 0-2' 11/18/10	B-2 4-6' 11/18/10	B-3 0-1.5' 11/18/10	B-3 4-6' 11/18/10	B-4 0-2' 11/18/10	B-4 2-3.5' 11/18/10	B-4 6-8' 11/18/10	B-5 0-2' 11/18/10	B-5 2-4' 11/18/10	B-6 0-2' 11/18/10	B-6 4-6' 11/18/10	B-6 6-7.5' 11/18/10	B-7 0-2' 11/18/10	Duplicate-1 B-7 0-2' 11/18/10	B-7 2-3' 11/18/10	B-8 0-2' 11/18/10	B-8 2-3' 11/18/10	Trip Blank 11/18/10
VOCs per EPA 8260 (mg/kg)	Various	Various	Various	--	--	NA	--	--	--	--	--	NA	--	--	--	--	--	NA	--	--	--	--	--	--
PAHs per EPA 8270 (mg/kg)												NA												NA
Benzo (a) anthracene	1	7.8	1	--	0.89	--	--	--	--	--	--		--	--	--	--	1.1	--	--	--	--	--	--	
Benzo (a) pyrene	1	1	1	--	1.1	0.42	--	--	--	--	--		--	--	--	--	1.1	--	--	--	--	--	--	
Benzo (b) fluoranthene	1	7.8	1	--	1.3	--	--	--	--	--	--		--	--	--	--	1.6	--	--	--	--	--	--	
Benzo (g,h,i) perylene	1,000	2,500	4.2	--	0.77	0.38	--	--	--	--	--		--	--	--	--	0.7	--	--	--	--	--	--	
Benzo (k) fluoranthene	8.4	78	1	--	--	--	--	--	--	--	--		--	--	--	--	0.59	--	--	--	--	--	--	
Chrysene	84	780	1	--	0.95	--	--	--	--	--	--		--	--	--	--	1.1	--	--	--	--	--	--	
Fluoranthene	1,000	2,500	5.6	--	1.3	--	--	--	--	--	--		--	--	--	--	1	--	--	--	--	--	--	
Indeno (1,2,3-cd) pyrene	1	7.8	1	--	0.67	0.31	--	--	--	--	--		--	--	--	--	0.61	--	--	--	--	--	--	
Pyrene	1,000	2,500	4	--	1.3	--	--	--	--	--	--		--	--	--	--	0.9	--	--	--	--	--	--	
ETPH per CTDEP method (mg/kg)	500	2,500	500	--	190	NA	--	16	--	--	17	NA	--	--	--	--	--	NA	--	--	--	--	--	NA
Total RCRA Metals per EPA 6010 & 7471 (mg/kg)												NA						NA						NA
Arsenic	10	10	NE	3.7	5.8	--	3.6	3.4	3	3.1	2.4		4.2	3.3	3.7	2.8	2.4		3.8	4	3.3	1.9	1.9	
Cadmium	34	1,000	NE	--	0.6	--	0.51	--	--	--	--		--	--	--	--	--		0.5	0.67	--	0.4	--	
Total Chromium	100	100	NE	18.5	17.6	--	20.3	28.5	21	16.8	16.3		28.9	20.8	20.9	19.7	17.2		19.7	27.8	15.3	17	15.3	
Mercury	20	610	NE	--	0.13	--	--	--	--	--	0.11		--	--	0.09	--	--		0.1	0.16	--	--	--	
Lead	500	1,000	NE	14.5	1,650	11	43.8	12.9	11.0	8.43	60.8		13.7	15.7	13.2	9.72	11		36.5	74.1	10.6	15.5	6.52	
SPLP Metals per EPA 6010 (mg/l)				NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA
Arsenic	NA	NA	0.05		NA															NA				
Lead	NA	NA	0.015		0.059															0.013				
TCLP Metals per EPA 6010 (mg/l)																								
Lead	NA	NA	5*	NA	1.09	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCBs per EPA 8082 (mg/kg)	1	10	NA	--	NA	NA	--	NA	--	NA	--	NA	--	--	--	--	--	NA	--	--	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
Chlorinated Pesticides per EPA 8081 (mg/kg)					NA	NA		NA		NA			NA		NA		NA	NA					NA	NA
Chlordane	0.49	2.2	0.066	--			--		--		0.11	--		--		--			--	--	--	--		
4,4' - DDE	1.8	17	NE	--			--		--		--	--		--		--			--	0.0099	--	--		
4,4' - DDT	1.8	17	NE	--			--		--		--	--		--		--			--	0.011	--	--		
SPLP Chlorinated Pesticides per EPA 8081 (mg/kg)	Various	Various	Various	NA	NA	NA	NA	NA	NA	NA	--	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.
PAHs = Polynuclear Aromatic Hydrocarbons
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
New Britain to Hartford Busway - East Street Station
New Britain, Connecticut

Parameters	SW Discharge MCL	B-6/GW 11/18/10	Duplicate-2 (B-6/GW) 11/18/10	B-7/GW 11/18/10	B-8/GW 11/18/10	Field Blank 11/18/10	Trip Blank 11/18/10
Total VOCs per EPA 624 (ug/l)							
Total VOCs	10	--	--	--	--	--	NA
Total PAHs per EPA 625 (ug/l)			NA			NA	NA
Benzo (a) anthracene	NE	0.048		--	0.052		
Benzo (a) pyrene	NE	0.045		--	0.072		
Benzo (b) fluoranthene	NE	0.056		--	0.087		
Benzo (k) fluoranthene	NE	0.024		--	0.034		
Chrysene	NE	0.039		--	0.055		
Dibenz(a,h) anthracene	NE	--		--	0.025		
Indeno (1,2,3-cd) pyrene	NE	0.027		--	0.05		
Total PAHs	5	0.239		--	0.375		
TPH per EPA 1664 (mg/l)	5	--	--	4.8	--	--	NA
Total Metals per EPA 200.7 (ug/l)			NA		NA	NA	NA
Arsenic	0.021	9		79			
Baruim	NE	282		5,500			
Cadmium	10	--		17			
Chromium	342	21					
Copper	48	49		2,260			
Lead	9.8	12		497			
Mercury	1	--		--			
Zinc	322	79		2,890			
Dissolved Metals per EPA 200.7 (ug/l)			NA		NA	NA	NA
Arsenic	0.021	--		--			
Baruim	NE	127		103			
Cadmium	10	--		--			
Chromium	342	--					
Copper	48	1		8			
Lead	9.8	--		3			
Mercury	1	--		--			
Zinc	322	7		12			
Total PCBs per EPA 608 (ug/l)	0.1	--	NA	--	NA	NA	NA
Total Pesticides per EPA 608 (ug/l)	Various	--	NA	--	NA	NA	NA
Total Herbicides per EPA 615 (ug/l)	Various	--	NA	--	NA	NA	NA

Notes:
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.
PAHs = Polynuclear Aromatic Hydrocarbons
TPH = Total Petroleum Hydrocarbons.
PCBs = Polychlorinated Biphenyls.
ug/l = micrograms per liter.
mg/l = milligrams 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 the DEP General Permit for Discharge of Groundwater Remediation Wastewater Directly to Surface Water MCLs.

APPENDIX A

Soil Boring Logs

ENGINEERED SOLUTIONS — dtc — LAND STRUCTURES WATER DIVERSIFIED TECHNOLOGY CONSULTANTS	**Subsurface Log**	Sheet 1 of 1	***Date started:*** 11/18/10 ***Date Completed:*** 11/18/10	**BORING No. B-1**
	Project: New Britain to Hartford Busway - East Street Station ***Location:*** New Britain, CT			***Method of investigation:*** Geoprobe
Project No.: 09-188-02E ***P. Manager:*** Ethan Stewart	***Drilling Co.:*** Logical Env. Solutions ***Geologist:*** J. Andrew		***Driller:*** Wayne ***D. Helper:*** Cindy	***Drill Rig:*** Geoprobe ***Weather:*** mid 50's

Depth (ft.)	Sample No.	Sample Depth (ft.)	Blows per 6"	"N"	Recovery (in.)	Sample Description	Field Analytical Readings	Groundwater and Other Observations
0-4		0-0.6			30	Topsoil, organic		
		0.6-1.9				Brown M-F SAND, little silt		
	1	1.9-2.5				Light brown F-M SAND, trace silt	0.0	
4-8		4-4.9			48	Light brown F-M SAND, trace silt		
		4.9-6.3				Dark brown M-F SAND with brick, asphalt, FILL	0.0	
		6.3-8				Red brown M-F SAND and SILT, trace clay	0.1	
8-12		8-9.5			48	Red brown M-F SAND and SILT, trace clay	0.3	
		9.5-12				Red brown CLAYEY SILT	0.0	
12-16		12-13.4			16	Red Brown CLAYEY SILT, wet	0.0	**Groundwater observed @ 12'**
						END OF BORING @ 13.4'		

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

Comments:

ENGINEERED SOLUTIONS · LAND STRUCTURES WATER · dtc · DIVERSIFIED TECHNOLOGY CONSULTANTS	**Subsurface Log**	**Sheet** 1 of 1	***Date started:*** 11/18/10 ***Date Completed:*** 11/18/10	**BORING No. B-2**
	Project: New Britain to Hartford Busway - East Street Station ***Location:*** New Britain, CT			***Method of investigation:*** Geoprobe

Project No.: 09-188-02E	***Drilling Co.:*** Logical Env. Solutions	***Driller:*** Wayne	***Drill Rig:*** Geoprobe	***Weather:*** mid 50's
P. Manager: Ethan Stewart	***Geologist:*** J. Andrew	***D. Helper:*** Cindy		

Depth (ft.)	Sample No.	Sample Depth (ft.)	Blows per 6"	"N"	Recovery (in.)	Sample Description	Field Analytical Readings	Groundwater and Other Observations
0-4		0-0.9			24	Dark brown M SAND with asphalt, wood, brick, FILL		
	1	0.9-2				Brown F-M SAND little silt	0.1	
4-8		4-5.4			48	Red brown F-M SAND with silt		
	2	5.4-6				Red brown mottled F-M SAND	0.1	
	3	6-8				Red brown M-F SAND and SILT	0.0	
8-12	4	8-11			48	Red brown M-F SAND and SILT	0.2	
	5	11-12				Red brown F-M SAND, trace silt	0.2	
12-16					0	No recovery, refusal @ 12.5		Groundwater not observed
						END OF BORING @ 12.5'		

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:*** 11/18/10 ***Date Completed:*** 11/18/10	**BORING No. B-3**
	Project: New Britain to Hartford Busway - East Street Station ***Location:*** New Britain, CT			***Method of investigation:*** Geoprobe

Project No.: 09-188-02E	***Drilling Co.:*** Logical Env. Solutions	***Driller:*** Wayne	***Drill Rig:*** Geoprobe	***Weather:*** mid 50's
P. Manager: Ethan Stewart	***Geologist:*** J. Andrew	***D. Helper:*** Cindy		

Depth (ft.)	Sample No.	Sample Depth (ft.)	Blows per 6"	"N"	Recovery (in.)	Sample Description	Field Analytical Readings	Groundwater and Other Observations
0-4		0-0.4			18	Topsoil, organic matter		
		0.4-0.6				Ashpalt, sub-base		
	1	0.6-1.1				Brown M-F SAND with silt	0.0	
		1.1-1.5				Red brown M-F SAND and SILT		
4-8	2	4-6.6			48	Red brown M-F SAND with silt	0.0	
	3	6.6-8				Red brown M-F SAND and SILT, trace clay	0.0	
8-12	3	8-9.4			42	Red brown M-F SAND and SILT, trace clay	0.0	
	4	9.4-11.5				Red brown CLAYEY SILT (damp @ 11')	0.0	
12-16	5	12-14			36	Red brown CLAYEY SILT, wet	0.0	Groundwater observed @ 12'
	6	14-15				Red brown CLAYEY SILT	0.2	
						END OF BORING @ 15'		

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

Comments:

ENGINEERED SOLUTIONS — dtc — LAND STRUCTURES WATER DIVERSIFIED TECHNOLOGY CONSULTANTS	**Subsurface Log**	**Sheet** 1 of 1	***Date started:*** 11/18/10 ***Date Completed:*** 11/18/10	**BORING No. B-4**
	Project: New Britain to Hartford Busway - East Street Station ***Location:*** New Britain, CT			***Method of investigation:*** Geoprobe
Project No.: 09-188-02E ***P. Manager:*** Ethan Stewart	***Drilling Co.:*** Logical Env. Solutions ***Geologist:*** J. Andrew		***Driller:*** Wayne ***D. Helper:*** Cindy	***Drill Rig:*** Geoprobe ***Weather:*** mid 50's

Depth (ft.)	Sample No.	Sample Depth (ft.)	Blows per 6"	"N"	Recovery (in.)	Sample Description	Field Analytical Readings	Groundwater and Other Observations
0-4		0-0.4				Topsoil, organic matter		
	1	0.4-1.1				Dark brown M SAND, some gravel, FILL		
		1.1-1.9			42	Asphalt		
		1.9-2.9				Dark brown M SAND with brick, asphalt, FILL		
	2	2.9-3.5				Brown M-F SAND, little silt		
4-8	3	4-4.9				Brown M-f SAND with asphalt, brick, FILL		
					48			
	4	4.9-8				Red brown M-F SAND and SILT		
8-12		8-8.9				Red brown M-F SAND and SILT		
	5	8.9-9.7			24	Red brown CLAYEY SILT, damp		
		9.7-10				Red brown M-F SAND and SILT, trace clay, damp		
12-16		12-13.2				Red brown M-F SAND and SILT		Groundwater not observed
		13.2-13.5				Red brown M-F SAND, trace silt		
		13.5-14.9				Red brown CLAYEY SILT		
		14.9-15			48	Red brown F-M SAND and SILT		
		15-15.3				Red brown CLAYEY SILT		
		15.3-15.6				Red brown F SAND		
		15.6-16				Red brown CLAYEY SILT		
						END OF BORING @ 16'		

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

Comments:

DIVERSIFIED TECHNOLOGY CONSULTANTS	Subsurface Log	Sheet 1 of 1	Date started: 11/18/10 Date Completed: 11/18/10	BORING No. B-5
	Project: New Britain to Hartford Busway - East Street Station Location: New Britain, CT			Method of investigation: Geoprobe

Project No.: 09-188-02E	Drilling Co.: Logical Env. Solutions	Driller: Wayne	Drill Rig: Geoprobe	Weather: mid 50's
P. Manager: Ethan Stewart	Geologist: J. Andrew	D. Helper: Cindy		

Depth (ft.)	Sample No.	Sample Depth (ft.)	Blows per 6"	"N"	Recovery (in.)	Sample Description	Field Analytical Readings	Groundwater and Other Observations
0-4		0-0.3			48	Topsoil, organic matter		
	1	0.3-2				Dark brown M SAND with asphlat, concrete, brick, FILL	0.0	
	2	2-4				SAA	0.0	
4-8		4-4.7			24	Brown M-f SAND, little silt, FILL		
		4.7-6				Red brown M-F SAND and SILT, damp	0.0	
8-12		8-9			12	Red brown M-F SAND and SILT, with clay (refusal @ 9')	0.0	
						END OF BORING @ 9'		Groundwater not observed

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

Comments:
SAA = Same As Above

ENGINEERED SOLUTIONS — LAND STRUCTURES WATER

DIVERSIFIED TECHNOLOGY CONSULTANTS

Subsurface Log

Sheet 1 of 1

Date started: 11/18/10
Date Completed: 11/18/10

BORING No. B-6

Project: New Britain to Hartford Busway - East Street Station
Location: New Britain, CT

Method of investigation: Geoprobe

Project No.: 09-188-02E
P. Manager: Ethan Stewart
Drilling Co.: Logical Env. Solutions
Geologist: J. Andrew
Driller: Wayne
D. Helper: Cindy
Drill Rig: Geoprobe
Weather: mid 50's

Depth (ft.)	Sample No.	Sample Depth (ft.)	Blows per 6"	"N"	Recovery (in.)	Sample Description	Field Analytical Readings	Groundwater and Other Observations
0-4		0-0.3				Topsoil, organic matter		
	1	0.3-1.1			24	Dark brown M-F SAND, with asphalt, concrete, brick, FILL	0.0	
		1.1-2				Red brown M-F SAND with silt, moist		
4-8		4-4.8				Red brown M-F SAND with silt		
	2	4.8-5.6			42	Red brown M-F SAND and SILT, moist	0.0	
	3	5.6-7.5				Red brown CLAYEY SILT	0.0	Groundwater observed @ 7.5'
8-12	4	8-10			24	Red brown M-F SAND and SILT, trace clay, wet	0.0	
						END OF BORING @ 12'		

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

Comments:
Temporary well installed at 12'

DIVERSIFIED TECHNOLOGY CONSULTANTS	Subsurface Log	Sheet 1 of 1	Date started: 11/18/10 Date Completed: 11/18/10	BORING No. B-7
	Project: New Britain to Hartford Busway - East Street Station Location: New Britain, CT			Method of investigation: Geoprobe

Project No.: 09-188-02E	Drilling Co.: Logical Env. Solutions	Driller: Wayne	Drill Rig: Geoprobe	Weather: mid 50's
P. Manager: Ethan Stewart	Geologist: J. Andrew	D. Helper: Cindy		

Depth (ft.)	Sample No.	Sample Depth (ft.)	Sample Blows per 6"	Sample "N"	Recovery (in.)	Sample Description	Field Analytical Readings	Groundwater and Other Observations
0-4		0-0.7			36	Topsoil, organic matter		
		0.7-1.9				Dark brown M-F SAND, with asphalt, FILL	0.0	
		1.9-3				Red brown M-F SAND, little silt	0.0	
4-8		4-4.8			36	Red brown M-F SAND, little silt	0.0	
		4.8-7				Red brown M-F SAND and SILT, trace clay, damp	0.0	
8-12		8-9			12	Red brown M-F SAND and SILT, trace clay, wet (refusal @ 9')	0.0	Groundwater observed @ 8'
						END OF BORING @ 9'		

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

Comments:
Temporary well installed at 9'

DIVERSIFIED TECHNOLOGY CONSULTANTS	Subsurface Log	Sheet 1 of 1	Date started: 11/18/10 Date Completed: 11/18/10	BORING No. B-8
	Project: New Britain to Hartford Busway - East Street Station Location: New Britain, CT			Method of investigation: Geoprobe

Project No.: 09-188-02E	Drilling Co.: Logical Env. Solutions	Driller: Wayne	Drill Rig: Geoprobe	Weather: mid 50's
P. Manager: Ethan Stewart	Geologist: J. Andrew	D. Helper: Cindy		

Depth (ft.)	Sample No.	Sample Depth (ft.)	Blows per 6"	"N"	Recovery (in.)	Sample Description	Field Analytical Readings	Groundwater and Other Observations
0-4		0-0.3			36	Topsoil, organic matter		
	1	0.3-1.2				Dark brown M SAND, little silt	0.0	
	2	0.2-2.8				Brown M-F SAND, trace silt	0.0	
		2.8-3				Red brown M-F SAND and SILT		
4-8		4-4.7			48	Red brown M-F SAND, trace silt		
	3	4.7-6.1				Red brown M-F SAND and SILT, trace clay	0.0	
	4	6.1-7.4				Red brown CLAYEY SILT	0.0	
		7.4-7.6				Red brown M-F SAND and SILT		
		7.6-8				Red brown CLAYEY SILT		
8-12	5	8-10.3			48	Red brown M-F SAND and SILT, trace clay, wet	0.0	
	6	10.3-12				Red brown CLAYEY SILT, wet	0.0	Groundwater observed @ 8'
						END OF BORING @ 13'		

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

Comments:
Temporary well installed at 13'

APPENDIX B

Soil & Groundwater Analytical Laboratory Reports

PHOENIX
Environmental Laboratories, Inc.

Tuesday, December 28, 2010

Attn: Mr. Ethan Stewart
Diversified Tech. Consultants
2321 Whitney Avenue 3rd floor
Hamden Center II
Hamden CT 06518

Project ID: 09-088-02E
Sample ID#s: AZ79372 - AZ79422

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.

Enclosed are revised Analysis Report pages. Please replace and discard the original pages. 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

December 28, 2010

FOR: Attn: Mr. Ethan Stewart
Diversified Tech. Consultants
2321 Whitney Avenue 3rd floor
Hamden Center II
Hamden CT 06518

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		11/18/10	7:30
Location Code:	DTECHDAS	Received by:	SW	11/19/10	15:30
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GAZ79372
Phoenix ID: AZ79372

Project ID: 09-088-02E
Client ID: B3 0-1.5 FT

Parameter	Result	RL	Units	Date	Time	By	Reference
Arsenic	3.0	0.8	mg/Kg	11/20/10		J/E	6010/200.7
Cadmium	< 0.42	0.42	mg/Kg	11/20/10		J/E	6010/200.7
Chromium	21.0	0.42	mg/Kg	11/20/10		J/E	6010/200.7
Mercury	< 0.09	0.09	mg/Kg	11/24/10		RS	SW-7471
Lead	11.0	0.42	mg/Kg	11/20/10		J/E	6010/200.7
Percent Solid	86		%	11/19/10		JL	E160.3
Soil Extraction for PCB	Completed			11/19/10		SB	SW3545
Soil Extraction for Pesticide	Completed			11/19/10		SB/F	SW3545
Soil Extraction SVOA BN	Completed			11/19/10		SS/F	SW3545
Extraction of CT ETPH	Completed			11/19/10		SS/F	3545
Mercury Digestion	Completed			11/22/10		X	SW7471
Soil Extraction for Herbicide	Completed			11/19/10		J/D/E	SW8151
Total Metals Digest	Completed			11/19/10		AG	SW846 - 3050
Field Extraction	Completed			11/18/10		JOY	SW5035
Chlorinated Herbicides							
2,4,5-T	ND	120	ug/Kg	11/22/10		JRB	SW8151
2,4,5-TP (Silvex)	ND	120	ug/Kg	11/22/10		JRB	SW8151
2,4-D	ND	120	ug/Kg	11/22/10		JRB	SW8151
2,4-DB	ND	1200	ug/Kg	11/22/10		JRB	SW8151
Dalapon	ND	580	ug/Kg	11/22/10		JRB	SW8151
Dicamba	ND	350	ug/Kg	11/22/10		JRB	SW8151
Dichloroprop	ND	120	ug/Kg	11/22/10		JRB	SW8151
Dinoseb	ND	230	ug/Kg	11/22/10		JRB	SW8151
QA/QC Surrogates							
% DCAA	91		%	11/22/10		JRB	SW8151

Project ID: 09-088-02E
Client ID: B3 0-1.5 FT

Phoenix I.D.: AZ79372

Parameter	Result	RL	Units	Date	Time	By	Reference
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
1,1,1-Trichloroethane	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
1,1,2,2-Tetrachloroethane	ND	3.5	ug/Kg	11/22/10		H/L	SW8260
1,1,2-Trichloroethane	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
1,1-Dichloroethane	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
1,1-Dichloroethene	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
1,1-Dichloropropene	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
1,2,3-Trichlorobenzene	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
1,2,3-Trichloropropane	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
1,2,4-Trichlorobenzene	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
1,2,4-Trimethylbenzene	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
1,2-Dibromo-3-chloropropane	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
1,2-Dichlorobenzene	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
1,2-Dichloroethane	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
1,2-Dichloropropane	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
1,3,5-Trimethylbenzene	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
1,3-Dichlorobenzene	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
1,3-Dichloropropane	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
1,4-Dichlorobenzene	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
2,2-Dichloropropane	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
2-Chlorotoluene	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
2-Hexanone	ND	29	ug/Kg	11/22/10		H/L	SW8260
2-Isopropyltoluene	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
4-Chlorotoluene	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
4-Methyl-2-pentanone	ND	29	ug/Kg	11/22/10		H/L	SW8260
Acetone	ND	120	ug/Kg	11/22/10		H/L	SW8260
Acrylonitrile	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
Benzene	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
Bromobenzene	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
Bromochloromethane	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
Bromodichloromethane	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
Bromoform	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
Bromomethane	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
Carbon Disulfide	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
Carbon tetrachloride	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
Chlorobenzene	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
Chloroethane	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
Chloroform	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
Chloromethane	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
cis-1,2-Dichloroethene	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
cis-1,3-Dichloropropene	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
Dibromochloromethane	ND	3.5	ug/Kg	11/22/10		H/L	SW8260
Dibromoethane	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
Dibromomethane	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
Dichlorodifluoromethane	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
Ethylbenzene	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
Hexachlorobutadiene	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
Isopropylbenzene	ND	5.8	ug/Kg	11/22/10		H/L	SW8260

Project ID: 09-088-02E
Client ID: B3 0-1.5 FT

Phoenix I.D.: AZ79372

Parameter	Result	RL	Units	Date	Time	By	Reference
m&p-Xylene	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
Methyl Ethyl Ketone	ND	35	ug/Kg	11/22/10		H/L	SW8260
Methyl t-butyl ether (MTBE)	ND	12	ug/Kg	11/22/10		H/L	SW8260
Methylene chloride	ND	35	ug/Kg	11/22/10		H/L	SW8260
Naphthalene	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
n-Butylbenzene	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
n-Propylbenzene	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
o-Xylene	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
p-Isopropyltoluene	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
sec-Butylbenzene	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
Styrene	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
tert-Butylbenzene	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
Tetrachloroethene	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
Tetrahydrofuran (THF)	ND	12	ug/Kg	11/22/10		H/L	SW8260
Toluene	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
Total Xylenes	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
trans-1,2-Dichloroethene	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
trans-1,3-Dichloropropene	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
trans-1,4-dichloro-2-butene	ND	12	ug/Kg	11/22/10		H/L	SW8260
Trichloroethene	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
Trichlorofluoromethane	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
Trichlorotrifluoroethane	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
Vinyl chloride	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	96		%	11/22/10		H/L	SW8260
% Bromofluorobenzene	95		%	11/22/10		H/L	SW8260
% Dibromofluoromethane	94		%	11/22/10		H/L	SW8260
% Toluene-d8	101		%	11/22/10		H/L	SW8260
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	12	mg/Kg	11/22/10		JRB	CT ETPH/8015
Identification	ND		mg/Kg	11/22/10		JRB	CT ETPH/8015
QA/QC Surrogates							
% n-Pentacosane	135		%	11/22/10		JRB	CT ETPH/8015
Polychlorinated Biphenyls							
PCB-1016	ND	380	ug/Kg	11/23/10		MH	SW 8082
PCB-1221	ND	380	ug/Kg	11/23/10		MH	SW 8082
PCB-1232	ND	380	ug/Kg	11/23/10		MH	SW 8082
PCB-1242	ND	380	ug/Kg	11/23/10		MH	SW 8082
PCB-1248	ND	380	ug/Kg	11/23/10		MH	SW 8082
PCB-1254	ND	380	ug/Kg	11/23/10		MH	SW 8082
PCB-1260	ND	380	ug/Kg	11/23/10		MH	SW 8082
PCB-1262	ND	380	ug/Kg	11/23/10		MH	SW 8082
PCB-1268	ND	380	ug/Kg	11/23/10		MH	SW 8082
QA/QC Surrogates							
% DCBP	94		%	11/23/10		MH	SW 8082
% TCMX	82		%	11/23/10		MH	SW 8082

Project ID: 09-088-02E
Client ID: B3 0-1.5 FT

Phoenix I.D.: AZ79372

Parameter	Result	RL	Units	Date	Time	By	Reference
Pesticides							
4,4' -DDD	ND	7.3	ug/Kg	11/24/10		KCA	SW8081
4,4' -DDE	ND	7.3	ug/Kg	11/24/10		KCA	SW8081
4,4' -DDT	ND	7.3	ug/Kg	11/24/10		KCA	SW8081
a-BHC	ND	3.7	ug/Kg	11/24/10		KCA	SW8081
Alachlor	ND	3.7	ug/Kg	11/24/10		KCA	SW8081
Aldrin	ND	1.1	ug/Kg	11/24/10		KCA	SW8081
b-BHC	ND	3.7	ug/Kg	11/24/10		KCA	SW8081
Chlordane	ND	11	ug/Kg	11/24/10		KCA	SW8081
d-BHC	ND	3.7	ug/Kg	11/24/10		KCA	SW8081
Dieldrin	ND	1.1	ug/Kg	11/24/10		KCA	SW8081
Endosulfan I	ND	3.7	ug/Kg	11/24/10		KCA	SW8081
Endosulfan II	ND	7.3	ug/Kg	11/24/10		KCA	SW8081
Endosulfan sulfate	ND	7.3	ug/Kg	11/24/10		KCA	SW8081
Endrin	ND	7.3	ug/Kg	11/24/10		KCA	SW8081
Endrin aldehyde	ND	7.3	ug/Kg	11/24/10		KCA	SW8081
Endrin ketone	ND	7.3	ug/Kg	11/24/10		KCA	SW8081
g-BHC	ND	1.1	ug/Kg	11/24/10		KCA	SW8081
Heptachlor	ND	2.3	ug/Kg	11/24/10		KCA	SW8081
Heptachlor epoxide	ND	3.7	ug/Kg	11/24/10		KCA	SW8081
Methoxychlor	ND	37	ug/Kg	11/24/10		KCA	SW8081
Toxaphene	ND	37	ug/Kg	11/24/10		KCA	SW8081
QA/QC Surrogates							
% DCBP	82		%	11/24/10		KCA	SW8081
% TCMX	66		%	11/24/10		KCA	SW8081
Polynuclear Aromatic HC							
2-Methylnaphthalene	ND	540	ug/Kg	11/20/10		KCA	SW 8270
Acenaphthene	ND	540	ug/Kg	11/20/10		KCA	SW 8270
Acenaphthylene	ND	540	ug/Kg	11/20/10		KCA	SW 8270
Anthracene	ND	540	ug/Kg	11/20/10		KCA	SW 8270
Benz(a)anthracene	ND	540	ug/Kg	11/20/10		KCA	SW 8270
Benzo(a)pyrene	ND	540	ug/Kg	11/20/10		KCA	SW 8270
Benzo(b)fluoranthene	ND	540	ug/Kg	11/20/10		KCA	SW 8270
Benzo(ghi)perylene	ND	540	ug/Kg	11/20/10		KCA	SW 8270
Benzo(k)fluoranthene	ND	540	ug/Kg	11/20/10		KCA	SW 8270
Chrysene	ND	540	ug/Kg	11/20/10		KCA	SW 8270
Dibenz(a,h)anthracene	ND	540	ug/Kg	11/20/10		KCA	SW 8270
Fluoranthene	ND	540	ug/Kg	11/20/10		KCA	SW 8270
Fluorene	ND	540	ug/Kg	11/20/10		KCA	SW 8270
Indeno(1,2,3-cd)pyrene	ND	540	ug/Kg	11/20/10		KCA	SW 8270
Naphthalene	ND	540	ug/Kg	11/20/10		KCA	SW 8270
Phenanthrene	ND	540	ug/Kg	11/20/10		KCA	SW 8270
Pyrene	ND	540	ug/Kg	11/20/10		KCA	SW 8270
QA/QC Surrogates							
% 2-Fluorobiphenyl	63		%	11/20/10		KCA	SW 8270
% Nitrobenzene-d5	68		%	11/20/10		KCA	SW 8270
% Terphenyl-d14	58		%	11/20/10		KCA	SW 8270

Project ID: 09-088-02E
Client ID: B3 0-1.5 FT

Phoenix I.D.: AZ79372

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

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

Phyllis Shiller, Laboratory Director
December 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

December 28, 2010

FOR: Attn: Mr. Ethan Stewart
Diversified Tech. Consultants
2321 Whitney Avenue 3rd floor
Hamden Center II
Hamden CT 06518

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		11/18/10	7:40
Location Code:	DTECHDAS	Received by:	SW	11/19/10	15:30
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GAZ79372
Phoenix ID: AZ79373

Project ID: 09-088-02E

Client ID: B3 4-6 FT

Parameter	Result	RL	Units	Date	Time	By	Reference
Arsenic	3.1	0.7	mg/Kg	11/20/10		J/E	6010/200.7
Cadmium	< 0.37	0.37	mg/Kg	11/20/10		J/E	6010/200.7
Chromium	16.8	0.37	mg/Kg	11/20/10		J/E	6010/200.7
Mercury	< 0.07	0.07	mg/Kg	11/24/10		RS	SW-7471
Lead	8.43	0.37	mg/Kg	11/20/10		J/E	6010/200.7
Percent Solid	93		%	11/19/10		JL	E160.3
Soil Extraction SVOA BN	Completed			11/19/10		SS/F	SW3545
Extraction of CT ETPH	Completed			11/19/10		SMS/F	3545
Mercury Digestion	Completed			11/22/10		X	SW7471
Total Metals Digest	Completed			11/19/10		AG	SW846 - 3050
Field Extraction	Completed			11/18/10		JOY	SW5035
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
1,1,1-Trichloroethane	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
1,1,2,2-Tetrachloroethane	ND	3.2	ug/Kg	11/22/10		H/L	SW8260
1,1,2-Trichloroethane	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
1,1-Dichloroethane	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
1,1-Dichloroethene	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
1,1-Dichloropropene	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
1,2,3-Trichlorobenzene	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
1,2,3-Trichloropropane	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
1,2,4-Trichlorobenzene	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
1,2,4-Trimethylbenzene	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
1,2-Dibromo-3-chloropropane	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
1,2-Dichlorobenzene	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
1,2-Dichloroethane	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
1,2-Dichloropropane	ND	5.4	ug/Kg	11/22/10		H/L	SW8260

Project ID: 09-088-02E
Client ID: B3 4-6 FT

Phoenix I.D.: AZ79373

Parameter	Result	RL	Units	Date	Time	By	Reference
1,3,5-Trimethylbenzene	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
1,3-Dichlorobenzene	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
1,3-Dichloropropane	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
1,4-Dichlorobenzene	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
2,2-Dichloropropane	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
2-Chlorotoluene	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
2-Hexanone	ND	27	ug/Kg	11/22/10		H/L	SW8260
2-Isopropyltoluene	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
4-Chlorotoluene	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
4-Methyl-2-pentanone	ND	27	ug/Kg	11/22/10		H/L	SW8260
Acetone	ND	110	ug/Kg	11/22/10		H/L	SW8260
Acrylonitrile	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
Benzene	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
Bromobenzene	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
Bromochloromethane	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
Bromodichloromethane	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
Bromoform	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
Bromomethane	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
Carbon Disulfide	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
Carbon tetrachloride	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
Chlorobenzene	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
Chloroethane	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
Chloroform	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
Chloromethane	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
cis-1,2-Dichloroethene	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
cis-1,3-Dichloropropene	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
Dibromochloromethane	ND	3.2	ug/Kg	11/22/10		H/L	SW8260
Dibromoethane	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
Dibromomethane	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
Dichlorodifluoromethane	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
Ethylbenzene	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
Hexachlorobutadiene	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
Isopropylbenzene	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
m&p-Xylene	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
Methyl Ethyl Ketone	ND	32	ug/Kg	11/22/10		H/L	SW8260
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	11/22/10		H/L	SW8260
Methylene chloride	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
Naphthalene	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
n-Butylbenzene	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
n-Propylbenzene	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
o-Xylene	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
p-Isopropyltoluene	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
sec-Butylbenzene	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
Styrene	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
tert-Butylbenzene	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
Tetrachloroethene	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
Tetrahydrofuran (THF)	ND	11	ug/Kg	11/22/10		H/L	SW8260
Toluene	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
Total Xylenes	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
trans-1,2-Dichloroethene	ND	5.4	ug/Kg	11/22/10		H/L	SW8260

Project ID: 09-088-02E
Client ID: B3 4-6 FT

Phoenix I.D.: AZ79373

Parameter	Result	RL	Units	Date	Time	By	Reference
trans-1,3-Dichloropropene	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	11/22/10		H/L	SW8260
Trichloroethene	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
Trichlorofluoromethane	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
Trichlorotrifluoroethane	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
Vinyl chloride	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	101		%	11/22/10		H/L	SW8260
% Bromofluorobenzene	95		%	11/22/10		H/L	SW8260
% Dibromofluoromethane	99		%	11/22/10		H/L	SW8260
% Toluene-d8	95		%	11/22/10		H/L	SW8260
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	11	mg/Kg	11/22/10		JRB	CT ETPH/8015
Identification	ND		mg/Kg	11/22/10		JRB	CT ETPH/8015
QA/QC Surrogates							
% n-Pentacosane	102		%	11/22/10		JRB	CT ETPH/8015
Polynuclear Aromatic HC							
2-Methylnaphthalene	ND	250	ug/Kg	11/20/10		KCA	SW 8270
Acenaphthene	ND	250	ug/Kg	11/20/10		KCA	SW 8270
Acenaphthylene	ND	250	ug/Kg	11/20/10		KCA	SW 8270
Anthracene	ND	250	ug/Kg	11/20/10		KCA	SW 8270
Benz(a)anthracene	ND	250	ug/Kg	11/20/10		KCA	SW 8270
Benzo(a)pyrene	ND	250	ug/Kg	11/20/10		KCA	SW 8270
Benzo(b)fluoranthene	ND	250	ug/Kg	11/20/10		KCA	SW 8270
Benzo(ghi)perylene	ND	250	ug/Kg	11/20/10		KCA	SW 8270
Benzo(k)fluoranthene	ND	250	ug/Kg	11/20/10		KCA	SW 8270
Chrysene	ND	250	ug/Kg	11/20/10		KCA	SW 8270
Dibenz(a,h)anthracene	ND	250	ug/Kg	11/20/10		KCA	SW 8270
Fluoranthene	ND	250	ug/Kg	11/20/10		KCA	SW 8270
Fluorene	ND	250	ug/Kg	11/20/10		KCA	SW 8270
Indeno(1,2,3-cd)pyrene	ND	250	ug/Kg	11/20/10		KCA	SW 8270
Naphthalene	ND	250	ug/Kg	11/20/10		KCA	SW 8270
Phenanthrene	ND	250	ug/Kg	11/20/10		KCA	SW 8270
Pyrene	ND	250	ug/Kg	11/20/10		KCA	SW 8270
QA/QC Surrogates							
% 2-Fluorobiphenyl	76		%	11/20/10		KCA	SW 8270
% Nitrobenzene-d5	75		%	11/20/10		KCA	SW 8270
% Terphenyl-d14	74		%	11/20/10		KCA	SW 8270

Project ID: 09-088-02E
Client ID: B3 4-6 FT

Phoenix I.D.: AZ79373

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
December 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

December 28, 2010

FOR: Attn: Mr. Ethan Stewart
Diversified Tech. Consultants
2321 Whitney Avenue 3rd floor
Hamden Center II
Hamden CT 06518

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		11/18/10	7:45
Location Code:	DTECHDAS	Received by:	SW	11/19/10	15:30
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GAZ79372
Phoenix ID: AZ79374

Project ID: 09-088-02E
Client ID: B3 6-8 FT

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.

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Phyllis Shiller, Laboratory Director
December 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

December 28, 2010

FOR: Attn: Mr. Ethan Stewart
Diversified Tech. Consultants
2321 Whitney Avenue 3rd floor
Hamden Center II
Hamden CT 06518

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		11/18/10	7:55
Location Code:	DTECHDAS	Received by:	SW	11/19/10	15:30
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GAZ79372
Phoenix ID: AZ79375

Project ID: 09-088-02E

Client ID: B3 8-10 FT

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.

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Phyllis Shiller, Laboratory Director
December 28, 2010

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

December 28, 2010

FOR: Attn: Mr. Ethan Stewart
Diversified Tech. Consultants
2321 Whitney Avenue 3rd floor
Hamden Center II
Hamden CT 06518

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		11/18/10	8:00
Location Code:	DTECHDAS	Received by:	SW	11/19/10	15:30
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GAZ79372
Phoenix ID: AZ79376

Project ID: 09-088-02E
Client ID: B3 10-11.5 FT

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.

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Analysis Report

December 28, 2010

FOR: Attn: Mr. Ethan Stewart
Diversified Tech. Consultants
2321 Whitney Avenue 3rd floor
Hamden Center II
Hamden CT 06518

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		11/18/10	8:10
Location Code:	DTECHDAS	Received by:	SW	11/19/10	15:30
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GAZ79372
Phoenix ID: AZ79377

Project ID: 09-088-02E

Client ID: B3 12-14 FT

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.

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December 28, 2010

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Analysis Report

December 28, 2010

FOR: Attn: Mr. Ethan Stewart
Diversified Tech. Consultants
2321 Whitney Avenue 3rd floor
Hamden Center II
Hamden CT 06518

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		11/18/10	8:15
Location Code:	DTECHDAS	Received by:	SW	11/19/10	15:30
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GAZ79372
Phoenix ID: AZ79378

Project ID: 09-088-02E
Client ID: B3 14-15 FT

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.

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Phyllis Shiller, Laboratory Director
December 28, 2010

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

December 28, 2010

FOR: Attn: Mr. Ethan Stewart
Diversified Tech. Consultants
2321 Whitney Avenue 3rd floor
Hamden Center II
Hamden CT 06518

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		11/18/10	9:00
Location Code:	DTECHDAS	Received by:	SW	11/19/10	15:30
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GAZ79372
Phoenix ID: AZ79379

Project ID: 09-088-02E

Client ID: B1 0-2.5 FT

Parameter	Result	RL	Units	Date	Time	By	Reference
Arsenic	3.7	0.8	mg/Kg	11/20/10		J/E	6010/200.7
Cadmium	< 0.40	0.40	mg/Kg	11/20/10		J/E	6010/200.7
Chromium	18.5	0.40	mg/Kg	11/20/10		J/E	6010/200.7
Mercury	< 0.08	0.08	mg/Kg	11/24/10		RS	SW-7471
Lead	14.5	0.40	mg/Kg	11/20/10		J/E	6010/200.7
Percent Solid	90		%	11/19/10		JL	E160.3
Soil Extraction for PCB	Completed			11/19/10		BSB	SW3545
Soil Extraction for Pesticide	Completed			11/19/10		BSB/F	SW3545
Soil Extraction SVOA BN	Completed			11/19/10		SS/F	SW3545
Extraction of CT ETPH	Completed			11/19/10		SMS/F	3545
Mercury Digestion	Completed			11/22/10		X	SW7471
Soil Extraction for Herbicide	Completed			11/20/10		J/E	SW8151
Total Metals Digest	Completed			11/19/10		AG	SW846 - 3050
Field Extraction	Completed			11/18/10		JOY	SW5035
Chlorinated Herbicides							
2,4,5-T	ND	110	ug/Kg	11/22/10		JRB	SW8151
2,4,5-TP (Silvex)	ND	110	ug/Kg	11/22/10		JRB	SW8151
2,4-D	ND	110	ug/Kg	11/22/10		JRB	SW8151
2,4-DB	ND	1100	ug/Kg	11/22/10		JRB	SW8151
Dalapon	ND	550	ug/Kg	11/22/10		JRB	SW8151
Dicamba	ND	330	ug/Kg	11/22/10		JRB	SW8151
Dichloroprop	ND	110	ug/Kg	11/22/10		JRB	SW8151
Dinoseb	ND	220	ug/Kg	11/22/10		JRB	SW8151
QA/QC Surrogates							
% DCAA	94		%	11/22/10		JRB	SW8151

Project ID: 09-088-02E
Client ID: B1 0-2.5 FT

Phoenix I.D.: AZ79379

Parameter	Result	RL	Units	Date	Time	By	Reference
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.6	ug/Kg	11/22/10		H/L	SW8260
1,1,1-Trichloroethane	ND	5.6	ug/Kg	11/22/10		H/L	SW8260
1,1,2,2-Tetrachloroethane	ND	3.3	ug/Kg	11/22/10		H/L	SW8260
1,1,2-Trichloroethane	ND	5.6	ug/Kg	11/22/10		H/L	SW8260
1,1-Dichloroethane	ND	5.6	ug/Kg	11/22/10		H/L	SW8260
1,1-Dichloroethene	ND	5.6	ug/Kg	11/22/10		H/L	SW8260
1,1-Dichloropropene	ND	5.6	ug/Kg	11/22/10		H/L	SW8260
1,2,3-Trichlorobenzene	ND	5.6	ug/Kg	11/22/10		H/L	SW8260
1,2,3-Trichloropropane	ND	5.6	ug/Kg	11/22/10		H/L	SW8260
1,2,4-Trichlorobenzene	ND	5.6	ug/Kg	11/22/10		H/L	SW8260
1,2,4-Trimethylbenzene	ND	5.6	ug/Kg	11/22/10		H/L	SW8260
1,2-Dibromo-3-chloropropane	ND	5.6	ug/Kg	11/22/10		H/L	SW8260
1,2-Dichlorobenzene	ND	5.6	ug/Kg	11/22/10		H/L	SW8260
1,2-Dichloroethane	ND	5.6	ug/Kg	11/22/10		H/L	SW8260
1,2-Dichloropropane	ND	5.6	ug/Kg	11/22/10		H/L	SW8260
1,3,5-Trimethylbenzene	ND	5.6	ug/Kg	11/22/10		H/L	SW8260
1,3-Dichlorobenzene	ND	5.6	ug/Kg	11/22/10		H/L	SW8260
1,3-Dichloropropane	ND	5.6	ug/Kg	11/22/10		H/L	SW8260
1,4-Dichlorobenzene	ND	5.6	ug/Kg	11/22/10		H/L	SW8260
2,2-Dichloropropane	ND	5.6	ug/Kg	11/22/10		H/L	SW8260
2-Chlorotoluene	ND	5.6	ug/Kg	11/22/10		H/L	SW8260
2-Hexanone	ND	28	ug/Kg	11/22/10		H/L	SW8260
2-Isopropyltoluene	ND	5.6	ug/Kg	11/22/10		H/L	SW8260
4-Chlorotoluene	ND	5.6	ug/Kg	11/22/10		H/L	SW8260
4-Methyl-2-pentanone	ND	28	ug/Kg	11/22/10		H/L	SW8260
Acetone	ND	110	ug/Kg	11/22/10		H/L	SW8260
Acrylonitrile	ND	5.6	ug/Kg	11/22/10		H/L	SW8260
Benzene	ND	5.6	ug/Kg	11/22/10		H/L	SW8260
Bromobenzene	ND	5.6	ug/Kg	11/22/10		H/L	SW8260
Bromochloromethane	ND	5.6	ug/Kg	11/22/10		H/L	SW8260
Bromodichloromethane	ND	5.6	ug/Kg	11/22/10		H/L	SW8260
Bromoform	ND	5.6	ug/Kg	11/22/10		H/L	SW8260
Bromomethane	ND	5.6	ug/Kg	11/22/10		H/L	SW8260
Carbon Disulfide	ND	5.6	ug/Kg	11/22/10		H/L	SW8260
Carbon tetrachloride	ND	5.6	ug/Kg	11/22/10		H/L	SW8260
Chlorobenzene	ND	5.6	ug/Kg	11/22/10		H/L	SW8260
Chloroethane	ND	5.6	ug/Kg	11/22/10		H/L	SW8260
Chloroform	ND	5.6	ug/Kg	11/22/10		H/L	SW8260
Chloromethane	ND	5.6	ug/Kg	11/22/10		H/L	SW8260
cis-1,2-Dichloroethene	ND	5.6	ug/Kg	11/22/10		H/L	SW8260
cis-1,3-Dichloropropene	ND	5.6	ug/Kg	11/22/10		H/L	SW8260
Dibromochloromethane	ND	3.3	ug/Kg	11/22/10		H/L	SW8260
Dibromoethane	ND	5.6	ug/Kg	11/22/10		H/L	SW8260
Dibromomethane	ND	5.6	ug/Kg	11/22/10		H/L	SW8260
Dichlorodifluoromethane	ND	5.6	ug/Kg	11/22/10		H/L	SW8260
Ethylbenzene	ND	5.6	ug/Kg	11/22/10		H/L	SW8260
Hexachlorobutadiene	ND	5.6	ug/Kg	11/22/10		H/L	SW8260
Isopropylbenzene	ND	5.6	ug/Kg	11/22/10		H/L	SW8260

Project ID: 09-088-02E
Client ID: B1 0-2.5 FT

Phoenix I.D.: AZ79379

Parameter	Result	RL	Units	Date	Time	By	Reference
m&p-Xylene	ND	5.6	ug/Kg	11/22/10		H/L	SW8260
Methyl Ethyl Ketone	ND	33	ug/Kg	11/22/10		H/L	SW8260
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	11/22/10		H/L	SW8260
Methylene chloride	ND	5.6	ug/Kg	11/22/10		H/L	SW8260
Naphthalene	ND	5.6	ug/Kg	11/22/10		H/L	SW8260
n-Butylbenzene	ND	5.6	ug/Kg	11/22/10		H/L	SW8260
n-Propylbenzene	ND	5.6	ug/Kg	11/22/10		H/L	SW8260
o-Xylene	ND	5.6	ug/Kg	11/22/10		H/L	SW8260
p-Isopropyltoluene	ND	5.6	ug/Kg	11/22/10		H/L	SW8260
sec-Butylbenzene	ND	5.6	ug/Kg	11/22/10		H/L	SW8260
Styrene	ND	5.6	ug/Kg	11/22/10		H/L	SW8260
tert-Butylbenzene	ND	5.6	ug/Kg	11/22/10		H/L	SW8260
Tetrachloroethene	ND	5.6	ug/Kg	11/22/10		H/L	SW8260
Tetrahydrofuran (THF)	ND	11	ug/Kg	11/22/10		H/L	SW8260
Toluene	ND	5.6	ug/Kg	11/22/10		H/L	SW8260
Total Xylenes	ND	5.6	ug/Kg	11/22/10		H/L	SW8260
trans-1,2-Dichloroethene	ND	5.6	ug/Kg	11/22/10		H/L	SW8260
trans-1,3-Dichloropropene	ND	5.6	ug/Kg	11/22/10		H/L	SW8260
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	11/22/10		H/L	SW8260
Trichloroethene	ND	5.6	ug/Kg	11/22/10		H/L	SW8260
Trichlorofluoromethane	ND	5.6	ug/Kg	11/22/10		H/L	SW8260
Trichlorotrifluoroethane	ND	5.6	ug/Kg	11/22/10		H/L	SW8260
Vinyl chloride	ND	5.6	ug/Kg	11/22/10		H/L	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	97		%	11/22/10		H/L	SW8260
% Bromofluorobenzene	93		%	11/22/10		H/L	SW8260
% Dibromofluoromethane	101		%	11/22/10		H/L	SW8260
% Toluene-d8	100		%	11/22/10		H/L	SW8260
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	11	mg/Kg	11/23/10		JRB	CT ETPH/8015
Identification	ND		mg/Kg	11/23/10		JRB	CT ETPH/8015
QA/QC Surrogates							
% n-Pentacosane	77		%	11/23/10		JRB	CT ETPH/8015
Polychlorinated Biphenyls							
PCB-1016	ND	360	ug/Kg	11/23/10		MH	SW 8082
PCB-1221	ND	360	ug/Kg	11/23/10		MH	SW 8082
PCB-1232	ND	360	ug/Kg	11/23/10		MH	SW 8082
PCB-1242	ND	360	ug/Kg	11/23/10		MH	SW 8082
PCB-1248	ND	360	ug/Kg	11/23/10		MH	SW 8082
PCB-1254	ND	360	ug/Kg	11/23/10		MH	SW 8082
PCB-1260	ND	360	ug/Kg	11/23/10		MH	SW 8082
PCB-1262	ND	360	ug/Kg	11/23/10		MH	SW 8082
PCB-1268	ND	360	ug/Kg	11/23/10		MH	SW 8082
QA/QC Surrogates							
% DCBP	98		%	11/23/10		MH	SW 8082
% TCMX	83		%	11/23/10		MH	SW 8082

Project ID: 09-088-02E
Client ID: B1 0-2.5 FT

Phoenix I.D.: AZ79379

Parameter	Result	RL	Units	Date	Time	By	Reference
Pesticides							
4,4' -DDD	ND	6.9	ug/Kg	11/24/10		KCA	SW8081
4,4' -DDE	ND	6.9	ug/Kg	11/24/10		KCA	SW8081
4,4' -DDT	ND	6.9	ug/Kg	11/24/10		KCA	SW8081
a-BHC	ND	3.5	ug/Kg	11/24/10		KCA	SW8081
Alachlor	ND	3.5	ug/Kg	11/24/10		KCA	SW8081
Aldrin	ND	1.1	ug/Kg	11/24/10		KCA	SW8081
b-BHC	ND	3.5	ug/Kg	11/24/10		KCA	SW8081
Chlordane	ND	11	ug/Kg	11/24/10		KCA	SW8081
d-BHC	ND	3.5	ug/Kg	11/24/10		KCA	SW8081
Dieldrin	ND	1.1	ug/Kg	11/24/10		KCA	SW8081
Endosulfan I	ND	3.5	ug/Kg	11/24/10		KCA	SW8081
Endosulfan II	ND	6.9	ug/Kg	11/24/10		KCA	SW8081
Endosulfan sulfate	ND	6.9	ug/Kg	11/24/10		KCA	SW8081
Endrin	ND	6.9	ug/Kg	11/24/10		KCA	SW8081
Endrin aldehyde	ND	6.9	ug/Kg	11/24/10		KCA	SW8081
Endrin ketone	ND	6.9	ug/Kg	11/24/10		KCA	SW8081
g-BHC	ND	1.1	ug/Kg	11/24/10		KCA	SW8081
Heptachlor	ND	2.2	ug/Kg	11/24/10		KCA	SW8081
Heptachlor epoxide	ND	3.5	ug/Kg	11/24/10		KCA	SW8081
Methoxychlor	ND	35	ug/Kg	11/24/10		KCA	SW8081
Toxaphene	ND	35	ug/Kg	11/24/10		KCA	SW8081
QA/QC Surrogates							
% DCBP	85		%	11/24/10		KCA	SW8081
% TCMX	67		%	11/24/10		KCA	SW8081
Polynuclear Aromatic HC							
2-Methylnaphthalene	ND	520	ug/Kg	11/20/10		KCA	SW 8270
Acenaphthene	ND	520	ug/Kg	11/20/10		KCA	SW 8270
Acenaphthylene	ND	520	ug/Kg	11/20/10		KCA	SW 8270
Anthracene	ND	520	ug/Kg	11/20/10		KCA	SW 8270
Benz(a)anthracene	ND	520	ug/Kg	11/20/10		KCA	SW 8270
Benzo(a)pyrene	ND	520	ug/Kg	11/20/10		KCA	SW 8270
Benzo(b)fluoranthene	ND	520	ug/Kg	11/20/10		KCA	SW 8270
Benzo(ghi)perylene	ND	520	ug/Kg	11/20/10		KCA	SW 8270
Benzo(k)fluoranthene	ND	520	ug/Kg	11/20/10		KCA	SW 8270
Chrysene	ND	520	ug/Kg	11/20/10		KCA	SW 8270
Dibenz(a,h)anthracene	ND	520	ug/Kg	11/20/10		KCA	SW 8270
Fluoranthene	ND	520	ug/Kg	11/20/10		KCA	SW 8270
Fluorene	ND	520	ug/Kg	11/20/10		KCA	SW 8270
Indeno(1,2,3-cd)pyrene	ND	520	ug/Kg	11/20/10		KCA	SW 8270
Naphthalene	ND	520	ug/Kg	11/20/10		KCA	SW 8270
Phenanthrene	ND	520	ug/Kg	11/20/10		KCA	SW 8270
Pyrene	ND	520	ug/Kg	11/20/10		KCA	SW 8270
QA/QC Surrogates							
% 2-Fluorobiphenyl	75		%	11/20/10		KCA	SW 8270
% Nitrobenzene-d5	73		%	11/20/10		KCA	SW 8270
% Terphenyl-d14	70		%	11/20/10		KCA	SW 8270

Project ID: 09-088-02E
Client ID: B1 0-2.5 FT

Phoenix I.D.: AZ79379

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
December 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

December 28, 2010

FOR: Attn: Mr. Ethan Stewart
Diversified Tech. Consultants
2321 Whitney Avenue 3rd floor
Hamden Center II
Hamden CT 06518

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		11/18/10	9:10
Location Code:	DTECHDAS	Received by:	SW	11/19/10	15:30
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GAZ79372
Phoenix ID: AZ79380

Project ID: 09-088-02E

Client ID: B1 4-6 FT

Parameter	Result	RL	Units	Date	Time	By	Reference
Arsenic	5.8	0.7	mg/Kg	11/20/10		J/E	6010/200.7
Cadmium	0.60	0.37	mg/Kg	11/20/10		J/E	6010/200.7
Chromium	17.6	0.37	mg/Kg	11/20/10		J/E	6010/200.7
Mercury	0.13	0.09	mg/Kg	11/24/10		RS	SW-7471
Lead	1650	37	mg/Kg	11/29/10		LK	6010/200.7
SPLP Lead	0.059	0.010	mg/L	12/03/10		LK	E1312/SW6010
TCLP Lead	1.09	0.015	mg/L	12/03/10		LK	E1311/SW6010
Percent Solid	92		%	11/19/10		JL	E160.3
Soil Extraction SVOA BN	Completed			11/19/10		SS/F	SW3545
Extraction of CT ETPH	Completed			11/19/10		SMS/F	3545
Mercury Digestion	Completed			11/22/10		X	SW7471
SPLP Extraction for Metals	Completed			12/02/10		X	EPA 1312
TCLP Extraction for Metals	Completed			12/02/10		X	EPA 1311
Total Metals Digest	Completed			11/19/10		AG	SW846 - 3050
SPLP Metals Digestion	Completed			12/03/10		X	SW846-3005
TCLP Metals Digestion	Completed			12/03/10		X	SW846 - 3005
Field Extraction	Completed			11/18/10		JOY	SW5035
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
1,1,1-Trichloroethane	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
1,1,2,2-Tetrachloroethane	ND	3.3	ug/Kg	11/22/10		H/L	SW8260
1,1,2-Trichloroethane	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
1,1-Dichloroethane	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
1,1-Dichloroethene	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
1,1-Dichloropropene	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
1,2,3-Trichlorobenzene	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
1,2,3-Trichloropropane	ND	5.4	ug/Kg	11/22/10		H/L	SW8260

Project ID: 09-088-02E
Client ID: B1 4-6 FT

Phoenix I.D.: AZ79380

Parameter	Result	RL	Units	Date	Time	By	Reference
1,2,4-Trichlorobenzene	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
1,2,4-Trimethylbenzene	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
1,2-Dibromo-3-chloropropane	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
1,2-Dichlorobenzene	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
1,2-Dichloroethane	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
1,2-Dichloropropane	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
1,3,5-Trimethylbenzene	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
1,3-Dichlorobenzene	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
1,3-Dichloropropane	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
1,4-Dichlorobenzene	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
2,2-Dichloropropane	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
2-Chlorotoluene	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
2-Hexanone	ND	27	ug/Kg	11/22/10		H/L	SW8260
2-Isopropyltoluene	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
4-Chlorotoluene	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
4-Methyl-2-pentanone	ND	27	ug/Kg	11/22/10		H/L	SW8260
Acetone	ND	110	ug/Kg	11/22/10		H/L	SW8260
Acrylonitrile	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
Benzene	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
Bromobenzene	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
Bromochloromethane	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
Bromodichloromethane	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
Bromoform	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
Bromomethane	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
Carbon Disulfide	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
Carbon tetrachloride	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
Chlorobenzene	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
Chloroethane	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
Chloroform	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
Chloromethane	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
cis-1,2-Dichloroethene	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
cis-1,3-Dichloropropene	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
Dibromochloromethane	ND	3.3	ug/Kg	11/22/10		H/L	SW8260
Dibromoethane	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
Dibromomethane	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
Dichlorodifluoromethane	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
Ethylbenzene	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
Hexachlorobutadiene	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
Isopropylbenzene	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
m&p-Xylene	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
Methyl Ethyl Ketone	ND	33	ug/Kg	11/22/10		H/L	SW8260
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	11/22/10		H/L	SW8260
Methylene chloride	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
Naphthalene	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
n-Butylbenzene	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
n-Propylbenzene	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
o-Xylene	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
p-Isopropyltoluene	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
sec-Butylbenzene	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
Styrene	ND	5.4	ug/Kg	11/22/10		H/L	SW8260

Project ID: 09-088-02E
Client ID: B1 4-6 FT

Phoenix I.D.: AZ79380

Parameter	Result	RL	Units	Date	Time	By	Reference
tert-Butylbenzene	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
Tetrachloroethene	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
Tetrahydrofuran (THF)	ND	11	ug/Kg	11/22/10		H/L	SW8260
Toluene	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
Total Xylenes	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
trans-1,2-Dichloroethene	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
trans-1,3-Dichloropropene	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	11/22/10		H/L	SW8260
Trichloroethene	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
Trichlorofluoromethane	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
Trichlorotrifluoroethane	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
Vinyl chloride	ND	5.4	ug/Kg	11/22/10		H/L	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	101		%	11/22/10		H/L	SW8260
% Bromofluorobenzene	84		%	11/22/10		H/L	SW8260
% Dibromofluoromethane	102		%	11/22/10		H/L	SW8260
% Toluene-d8	93		%	11/22/10		H/L	SW8260
TPH by GC (Extractable Products)							
Ext. Petroleum HC	190	22	mg/Kg	11/29/10		JRB	CT ETPH/8015
Identification	**		mg/Kg	11/29/10		JRB	CT ETPH/8015
QA/QC Surrogates							
% n-Pentacosane	80		%	11/29/10		JRB	CT ETPH/8015
Polynuclear Aromatic HC							
2-Methylnaphthalene	ND	500	ug/Kg	11/20/10		KCA	SW 8270
Acenaphthene	ND	500	ug/Kg	11/20/10		KCA	SW 8270
Acenaphthylene	ND	500	ug/Kg	11/20/10		KCA	SW 8270
Anthracene	ND	500	ug/Kg	11/20/10		KCA	SW 8270
Benz(a)anthracene	890	500	ug/Kg	11/20/10		KCA	SW 8270
Benzo(a)pyrene	1100	500	ug/Kg	11/20/10		KCA	SW 8270
Benzo(b)fluoranthene	1300	500	ug/Kg	11/20/10		KCA	SW 8270
Benzo(ghi)perylene	770	500	ug/Kg	11/20/10		KCA	SW 8270
Benzo(k)fluoranthene	ND	500	ug/Kg	11/20/10		KCA	SW 8270
Chrysene	950	500	ug/Kg	11/20/10		KCA	SW 8270
Dibenz(a,h)anthracene	ND	500	ug/Kg	11/20/10		KCA	SW 8270
Fluoranthene	1300	500	ug/Kg	11/20/10		KCA	SW 8270
Fluorene	ND	500	ug/Kg	11/20/10		KCA	SW 8270
Indeno(1,2,3-cd)pyrene	670	500	ug/Kg	11/20/10		KCA	SW 8270
Naphthalene	ND	500	ug/Kg	11/20/10		KCA	SW 8270
Phenanthrene	ND	500	ug/Kg	11/20/10		KCA	SW 8270
Pyrene	1300	500	ug/Kg	11/20/10		KCA	SW 8270
QA/QC Surrogates							
% 2-Fluorobiphenyl	57		%	11/20/10		KCA	SW 8270
% Nitrobenzene-d5	57		%	11/20/10		KCA	SW 8270
% Terphenyl-d14	48		%	11/20/10		KCA	SW 8270

Project ID: 09-088-02E
Client ID: B1 4-6 FT

Phoenix I.D.: AZ79380

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

**This sample was quantitated against a C9-C36 aliphatic standard. It is not a perfect match with any petroleum hydrocarbon patterns, but most closely resembles a pattern in the C19 to C36 range.

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
December 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

December 28, 2010

FOR: Attn: Mr. Ethan Stewart
Diversified Tech. Consultants
2321 Whitney Avenue 3rd floor
Hamden Center II
Hamden CT 06518

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		11/18/10	9:15
Location Code:	DTECHDAS	Received by:	SW	11/19/10	15:30
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GAZ79372
Phoenix ID: AZ79381

Project ID: 09-088-02E

Client ID: B1 6-8 FT

Parameter	Result	RL	Units	Date	Time	By	Reference
Lead	11.1	0.37	mg/Kg	12/03/10		LK	6010/200.7
Percent Solid	84		%	12/02/10		JL	E160.3
Soil Extraction SVOA BN	Completed			12/02/10		FS/F	SW3545
Total Metals Digest	Completed			12/02/10		F/AG	SW846 - 3050
Polynuclear Aromatic HC							
2-Methylnaphthalene	ND	270	ug/Kg	12/03/10		KCA	SW 8270
Acenaphthene	ND	270	ug/Kg	12/03/10		KCA	SW 8270
Acenaphthylene	ND	270	ug/Kg	12/03/10		KCA	SW 8270
Anthracene	ND	270	ug/Kg	12/03/10		KCA	SW 8270
Benz(a)anthracene	ND	270	ug/Kg	12/03/10		KCA	SW 8270
Benzo(a)pyrene	420	270	ug/Kg	12/03/10		KCA	SW 8270
Benzo(b)fluoranthene	ND	270	ug/Kg	12/03/10		KCA	SW 8270
Benzo(ghi)perylene	380	270	ug/Kg	12/03/10		KCA	SW 8270
Benzo(k)fluoranthene	ND	270	ug/Kg	12/03/10		KCA	SW 8270
Chrysene	ND	270	ug/Kg	12/03/10		KCA	SW 8270
Dibenz(a,h)anthracene	ND	270	ug/Kg	12/03/10		KCA	SW 8270
Fluoranthene	ND	270	ug/Kg	12/03/10		KCA	SW 8270
Fluorene	ND	270	ug/Kg	12/03/10		KCA	SW 8270
Indeno(1,2,3-cd)pyrene	310	270	ug/Kg	12/03/10		KCA	SW 8270
Naphthalene	ND	270	ug/Kg	12/03/10		KCA	SW 8270
Phenanthrene	ND	270	ug/Kg	12/03/10		KCA	SW 8270
Pyrene	ND	270	ug/Kg	12/03/10		KCA	SW 8270
QA/QC Surrogates							
% 2-Fluorobiphenyl	75		%	12/03/10		KCA	SW 8270
% Nitrobenzene-d5	76		%	12/03/10		KCA	SW 8270
% Terphenyl-d14	79		%	12/03/10		KCA	SW 8270

Project ID: 09-088-02E
Client ID: B1 6-8 FT

Phoenix I.D.: AZ79381

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

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December 28, 2010

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Analysis Report

December 28, 2010

FOR: Attn: Mr. Ethan Stewart
Diversified Tech. Consultants
2321 Whitney Avenue 3rd floor
Hamden Center II
Hamden CT 06518

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		11/18/10	9:25
Location Code:	DTECHDAS	Received by:	SW	11/19/10	15:30
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GAZ79372
Phoenix ID: AZ79382

Project ID: 09-088-02E

Client ID: B1 8-10 FT

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.

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December 28, 2010

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Analysis Report

December 28, 2010

FOR: Attn: Mr. Ethan Stewart
Diversified Tech. Consultants
2321 Whitney Avenue 3rd floor
Hamden Center II
Hamden CT 06518

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		11/18/10	9:30
Location Code:	DTECHDAS	Received by:	SW	11/19/10	15:30
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GAZ79372
Phoenix ID: AZ79383

Project ID: 09-088-02E

Client ID: B1 10-12 FT

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.

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December 28, 2010

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

December 28, 2010

FOR: Attn: Mr. Ethan Stewart
Diversified Tech. Consultants
2321 Whitney Avenue 3rd floor
Hamden Center II
Hamden CT 06518

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		11/18/10	10:10
Location Code:	DTECHDAS	Received by:	SW	11/19/10	15:30
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GAZ79372
Phoenix ID: AZ79384

Project ID: 09-088-02E

Client ID: B8 0-2 FT

Parameter	Result	RL	Units	Date	Time	By	Reference
Arsenic	1.9	0.7	mg/Kg	11/20/10		J/E	6010/200.7
Cadmium	0.40	0.36	mg/Kg	11/20/10		J/E	6010/200.7
Chromium	17.0	0.36	mg/Kg	11/20/10		J/E	6010/200.7
Mercury	< 0.08	0.08	mg/Kg	11/24/10		RS	SW-7471
Lead	15.5	0.36	mg/Kg	11/20/10		J/E	6010/200.7
Percent Solid	88		%	11/19/10		JL	E160.3
Soil Extraction for PCB	Completed			11/19/10		BSB	SW3545
Soil Extraction for Pesticide	Completed			11/19/10		BSB/F	SW3545
Soil Extraction SVOA BN	Completed			11/19/10		SS/F	SW3545
Extraction of CT ETPH	Completed			11/19/10		SMS/F	3545
Mercury Digestion	Completed			11/22/10		X	SW7471
Soil Extraction for Herbicide	Completed			11/20/10		J/E	SW8151
Total Metals Digest	Completed			11/19/10		AG	SW846 - 3050
Field Extraction	Completed			11/18/10		JOY	SW5035
Chlorinated Herbicides							
2,4,5-T	ND	110	ug/Kg	11/22/10		JRB	SW8151
2,4,5-TP (Silvex)	ND	110	ug/Kg	11/22/10		JRB	SW8151
2,4-D	ND	110	ug/Kg	11/22/10		JRB	SW8151
2,4-DB	ND	1100	ug/Kg	11/22/10		JRB	SW8151
Dalapon	ND	570	ug/Kg	11/22/10		JRB	SW8151
Dicamba	ND	340	ug/Kg	11/22/10		JRB	SW8151
Dichloroprop	ND	110	ug/Kg	11/22/10		JRB	SW8151
Dinoseb	ND	230	ug/Kg	11/22/10		JRB	SW8151
QA/QC Surrogates							
% DCAA	74		%	11/22/10		JRB	SW8151

Project ID: 09-088-02E
Client ID: B8 0-2 FT

Phoenix I.D.: AZ79384

Parameter	Result	RL	Units	Date	Time	By	Reference
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.7	ug/Kg	11/22/10		H/L	SW8260
1,1,1-Trichloroethane	ND	5.7	ug/Kg	11/22/10		H/L	SW8260
1,1,2,2-Tetrachloroethane	ND	3.4	ug/Kg	11/22/10		H/L	SW8260
1,1,2-Trichloroethane	ND	5.7	ug/Kg	11/22/10		H/L	SW8260
1,1-Dichloroethane	ND	5.7	ug/Kg	11/22/10		H/L	SW8260
1,1-Dichloroethene	ND	5.7	ug/Kg	11/22/10		H/L	SW8260
1,1-Dichloropropene	ND	5.7	ug/Kg	11/22/10		H/L	SW8260
1,2,3-Trichlorobenzene	ND	5.7	ug/Kg	11/22/10		H/L	SW8260
1,2,3-Trichloropropane	ND	5.7	ug/Kg	11/22/10		H/L	SW8260
1,2,4-Trichlorobenzene	ND	5.7	ug/Kg	11/22/10		H/L	SW8260
1,2,4-Trimethylbenzene	ND	5.7	ug/Kg	11/22/10		H/L	SW8260
1,2-Dibromo-3-chloropropane	ND	5.7	ug/Kg	11/22/10		H/L	SW8260
1,2-Dichlorobenzene	ND	5.7	ug/Kg	11/22/10		H/L	SW8260
1,2-Dichloroethane	ND	5.7	ug/Kg	11/22/10		H/L	SW8260
1,2-Dichloropropane	ND	5.7	ug/Kg	11/22/10		H/L	SW8260
1,3,5-Trimethylbenzene	ND	5.7	ug/Kg	11/22/10		H/L	SW8260
1,3-Dichlorobenzene	ND	5.7	ug/Kg	11/22/10		H/L	SW8260
1,3-Dichloropropane	ND	5.7	ug/Kg	11/22/10		H/L	SW8260
1,4-Dichlorobenzene	ND	5.7	ug/Kg	11/22/10		H/L	SW8260
2,2-Dichloropropane	ND	5.7	ug/Kg	11/22/10		H/L	SW8260
2-Chlorotoluene	ND	5.7	ug/Kg	11/22/10		H/L	SW8260
2-Hexanone	ND	28	ug/Kg	11/22/10		H/L	SW8260
2-Isopropyltoluene	ND	5.7	ug/Kg	11/22/10		H/L	SW8260
4-Chlorotoluene	ND	5.7	ug/Kg	11/22/10		H/L	SW8260
4-Methyl-2-pentanone	ND	28	ug/Kg	11/22/10		H/L	SW8260
Acetone	ND	110	ug/Kg	11/22/10		H/L	SW8260
Acrylonitrile	ND	5.7	ug/Kg	11/22/10		H/L	SW8260
Benzene	ND	5.7	ug/Kg	11/22/10		H/L	SW8260
Bromobenzene	ND	5.7	ug/Kg	11/22/10		H/L	SW8260
Bromochloromethane	ND	5.7	ug/Kg	11/22/10		H/L	SW8260
Bromodichloromethane	ND	5.7	ug/Kg	11/22/10		H/L	SW8260
Bromoform	ND	5.7	ug/Kg	11/22/10		H/L	SW8260
Bromomethane	ND	5.7	ug/Kg	11/22/10		H/L	SW8260
Carbon Disulfide	ND	5.7	ug/Kg	11/22/10		H/L	SW8260
Carbon tetrachloride	ND	5.7	ug/Kg	11/22/10		H/L	SW8260
Chlorobenzene	ND	5.7	ug/Kg	11/22/10		H/L	SW8260
Chloroethane	ND	5.7	ug/Kg	11/22/10		H/L	SW8260
Chloroform	ND	5.7	ug/Kg	11/22/10		H/L	SW8260
Chloromethane	ND	5.7	ug/Kg	11/22/10		H/L	SW8260
cis-1,2-Dichloroethene	ND	5.7	ug/Kg	11/22/10		H/L	SW8260
cis-1,3-Dichloropropene	ND	5.7	ug/Kg	11/22/10		H/L	SW8260
Dibromochloromethane	ND	3.4	ug/Kg	11/22/10		H/L	SW8260
Dibromoethane	ND	5.7	ug/Kg	11/22/10		H/L	SW8260
Dibromomethane	ND	5.7	ug/Kg	11/22/10		H/L	SW8260
Dichlorodifluoromethane	ND	5.7	ug/Kg	11/22/10		H/L	SW8260
Ethylbenzene	ND	5.7	ug/Kg	11/22/10		H/L	SW8260
Hexachlorobutadiene	ND	5.7	ug/Kg	11/22/10		H/L	SW8260
Isopropylbenzene	ND	5.7	ug/Kg	11/22/10		H/L	SW8260

Project ID: 09-088-02E
Client ID: B8 0-2 FT

Phoenix I.D.: AZ79384

Parameter	Result	RL	Units	Date	Time	By	Reference
m&p-Xylene	ND	5.7	ug/Kg	11/22/10		H/L	SW8260
Methyl Ethyl Ketone	ND	34	ug/Kg	11/22/10		H/L	SW8260
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	11/22/10		H/L	SW8260
Methylene chloride	ND	5.7	ug/Kg	11/22/10		H/L	SW8260
Naphthalene	ND	5.7	ug/Kg	11/22/10		H/L	SW8260
n-Butylbenzene	ND	5.7	ug/Kg	11/22/10		H/L	SW8260
n-Propylbenzene	ND	5.7	ug/Kg	11/22/10		H/L	SW8260
o-Xylene	ND	5.7	ug/Kg	11/22/10		H/L	SW8260
p-Isopropyltoluene	ND	5.7	ug/Kg	11/22/10		H/L	SW8260
sec-Butylbenzene	ND	5.7	ug/Kg	11/22/10		H/L	SW8260
Styrene	ND	5.7	ug/Kg	11/22/10		H/L	SW8260
tert-Butylbenzene	ND	5.7	ug/Kg	11/22/10		H/L	SW8260
Tetrachloroethene	ND	5.7	ug/Kg	11/22/10		H/L	SW8260
Tetrahydrofuran (THF)	ND	11	ug/Kg	11/22/10		H/L	SW8260
Toluene	ND	5.7	ug/Kg	11/22/10		H/L	SW8260
Total Xylenes	ND	5.7	ug/Kg	11/22/10		H/L	SW8260
trans-1,2-Dichloroethene	ND	5.7	ug/Kg	11/22/10		H/L	SW8260
trans-1,3-Dichloropropene	ND	5.7	ug/Kg	11/22/10		H/L	SW8260
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	11/22/10		H/L	SW8260
Trichloroethene	ND	5.7	ug/Kg	11/22/10		H/L	SW8260
Trichlorofluoromethane	ND	5.7	ug/Kg	11/22/10		H/L	SW8260
Trichlorotrifluoroethane	ND	5.7	ug/Kg	11/22/10		H/L	SW8260
Vinyl chloride	ND	5.7	ug/Kg	11/22/10		H/L	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	97		%	11/22/10		H/L	SW8260
% Bromofluorobenzene	94		%	11/22/10		H/L	SW8260
% Dibromofluoromethane	103		%	11/22/10		H/L	SW8260
% Toluene-d8	99		%	11/22/10		H/L	SW8260
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	11	mg/Kg	11/22/10		JRB	CT ETPH/8015
Identification	ND		mg/Kg	11/22/10		JRB	CT ETPH/8015
QA/QC Surrogates							
% n-Pentacosane	156		%	11/22/10		JRB	CT ETPH/8015
Polychlorinated Biphenyls							
PCB-1016	ND	370	ug/Kg	11/23/10		MH	SW 8082
PCB-1221	ND	370	ug/Kg	11/23/10		MH	SW 8082
PCB-1232	ND	370	ug/Kg	11/23/10		MH	SW 8082
PCB-1242	ND	370	ug/Kg	11/23/10		MH	SW 8082
PCB-1248	ND	370	ug/Kg	11/23/10		MH	SW 8082
PCB-1254	ND	370	ug/Kg	11/23/10		MH	SW 8082
PCB-1260	ND	370	ug/Kg	11/23/10		MH	SW 8082
PCB-1262	ND	370	ug/Kg	11/23/10		MH	SW 8082
PCB-1268	ND	370	ug/Kg	11/23/10		MH	SW 8082
QA/QC Surrogates							
% DCBP	106		%	11/23/10		MH	SW 8082
% TCMX	91		%	11/23/10		MH	SW 8082

Project ID: 09-088-02E
Client ID: B8 0-2 FT

Phoenix I.D.: AZ79384

Parameter	Result	RL	Units	Date	Time	By	Reference
Pesticides							
4,4'-DDD	ND	7.2	ug/Kg	11/24/10		KCA	SW8081
4,4'-DDE	ND	7.2	ug/Kg	11/24/10		KCA	SW8081
4,4'-DDT	ND	7.2	ug/Kg	11/24/10		KCA	SW8081
a-BHC	ND	3.6	ug/Kg	11/24/10		KCA	SW8081
Alachlor	ND	3.6	ug/Kg	11/24/10		KCA	SW8081
Aldrin	ND	1.1	ug/Kg	11/24/10		KCA	SW8081
b-BHC	ND	3.6	ug/Kg	11/24/10		KCA	SW8081
Chlordane	ND	11	ug/Kg	11/24/10		KCA	SW8081
d-BHC	ND	3.6	ug/Kg	11/24/10		KCA	SW8081
Dieldrin	ND	1.1	ug/Kg	11/24/10		KCA	SW8081
Endosulfan I	ND	3.6	ug/Kg	11/24/10		KCA	SW8081
Endosulfan II	ND	7.2	ug/Kg	11/24/10		KCA	SW8081
Endosulfan sulfate	ND	7.2	ug/Kg	11/24/10		KCA	SW8081
Endrin	ND	7.2	ug/Kg	11/24/10		KCA	SW8081
Endrin aldehyde	ND	7.2	ug/Kg	11/24/10		KCA	SW8081
Endrin ketone	ND	7.2	ug/Kg	11/24/10		KCA	SW8081
g-BHC	ND	1.1	ug/Kg	11/24/10		KCA	SW8081
Heptachlor	ND	2.2	ug/Kg	11/24/10		KCA	SW8081
Heptachlor epoxide	ND	3.6	ug/Kg	11/24/10		KCA	SW8081
Methoxychlor	ND	36	ug/Kg	11/24/10		KCA	SW8081
Toxaphene	ND	36	ug/Kg	11/24/10		KCA	SW8081
QA/QC Surrogates							
% DCBP	85		%	11/24/10		KCA	SW8081
% TCMX	70		%	11/24/10		KCA	SW8081
Polynuclear Aromatic HC							
2-Methylnaphthalene	ND	260	ug/Kg	11/20/10		KCA	SW 8270
Acenaphthene	ND	260	ug/Kg	11/20/10		KCA	SW 8270
Acenaphthylene	ND	260	ug/Kg	11/20/10		KCA	SW 8270
Anthracene	ND	260	ug/Kg	11/20/10		KCA	SW 8270
Benz(a)anthracene	ND	260	ug/Kg	11/20/10		KCA	SW 8270
Benzo(a)pyrene	ND	260	ug/Kg	11/20/10		KCA	SW 8270
Benzo(b)fluoranthene	ND	260	ug/Kg	11/20/10		KCA	SW 8270
Benzo(ghi)perylene	ND	260	ug/Kg	11/20/10		KCA	SW 8270
Benzo(k)fluoranthene	ND	260	ug/Kg	11/20/10		KCA	SW 8270
Chrysene	ND	260	ug/Kg	11/20/10		KCA	SW 8270
Dibenz(a,h)anthracene	ND	260	ug/Kg	11/20/10		KCA	SW 8270
Fluoranthene	ND	260	ug/Kg	11/20/10		KCA	SW 8270
Fluorene	ND	260	ug/Kg	11/20/10		KCA	SW 8270
Indeno(1,2,3-cd)pyrene	ND	260	ug/Kg	11/20/10		KCA	SW 8270
Naphthalene	ND	260	ug/Kg	11/20/10		KCA	SW 8270
Phenanthrene	ND	260	ug/Kg	11/20/10		KCA	SW 8270
Pyrene	ND	260	ug/Kg	11/20/10		KCA	SW 8270
QA/QC Surrogates							
% 2-Fluorobiphenyl	73		%	11/20/10		KCA	SW 8270
% Nitrobenzene-d5	71		%	11/20/10		KCA	SW 8270
% Terphenyl-d14	68		%	11/20/10		KCA	SW 8270

Project ID: 09-088-02E
Client ID: B8 0-2 FT

Phoenix I.D.: AZ79384

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
December 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

December 28, 2010

FOR: Attn: Mr. Ethan Stewart
Diversified Tech. Consultants
2321 Whitney Avenue 3rd floor
Hamden Center II
Hamden CT 06518

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		11/18/10	10:15
Location Code:	DTECHDAS	Received by:	SW	11/19/10	15:30
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GAZ79372
Phoenix ID: AZ79385

Project ID: 09-088-02E

Client ID: B8 2-3 FT

Parameter	Result	RL	Units	Date	Time	By	Reference
Arsenic	1.9	0.8	mg/Kg	11/20/10		J/E	6010/200.7
Cadmium	< 0.39	0.39	mg/Kg	11/20/10		J/E	6010/200.7
Chromium	15.3	0.39	mg/Kg	11/20/10		J/E	6010/200.7
Mercury	< 0.09	0.09	mg/Kg	11/24/10		RS	SW-7471
Lead	6.52	0.39	mg/Kg	11/20/10		J/E	6010/200.7
Percent Solid	85		%	11/19/10		JL	E160.3
Soil Extraction SVOA BN	Completed			11/19/10		SS/F	SW3545
Extraction of CT ETPH	Completed			11/19/10		SMS/F	3545
Mercury Digestion	Completed			11/22/10		X	SW7471
Total Metals Digest	Completed			11/19/10		AG	SW846 - 3050
Field Extraction	Completed			11/18/10		JOY	SW5035
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.9	ug/Kg	11/22/10		H/L	SW8260
1,1,1-Trichloroethane	ND	5.9	ug/Kg	11/22/10		H/L	SW8260
1,1,2,2-Tetrachloroethane	ND	3.5	ug/Kg	11/22/10		H/L	SW8260
1,1,2-Trichloroethane	ND	5.9	ug/Kg	11/22/10		H/L	SW8260
1,1-Dichloroethane	ND	5.9	ug/Kg	11/22/10		H/L	SW8260
1,1-Dichloroethene	ND	5.9	ug/Kg	11/22/10		H/L	SW8260
1,1-Dichloropropene	ND	5.9	ug/Kg	11/22/10		H/L	SW8260
1,2,3-Trichlorobenzene	ND	5.9	ug/Kg	11/22/10		H/L	SW8260
1,2,3-Trichloropropane	ND	5.9	ug/Kg	11/22/10		H/L	SW8260
1,2,4-Trichlorobenzene	ND	5.9	ug/Kg	11/22/10		H/L	SW8260
1,2,4-Trimethylbenzene	ND	5.9	ug/Kg	11/22/10		H/L	SW8260
1,2-Dibromo-3-chloropropane	ND	5.9	ug/Kg	11/22/10		H/L	SW8260
1,2-Dichlorobenzene	ND	5.9	ug/Kg	11/22/10		H/L	SW8260
1,2-Dichloroethane	ND	5.9	ug/Kg	11/22/10		H/L	SW8260
1,2-Dichloropropane	ND	5.9	ug/Kg	11/22/10		H/L	SW8260

Project ID: 09-088-02E
Client ID: B8 2-3 FT

Phoenix I.D.: AZ79385

Parameter	Result	RL	Units	Date	Time	By	Reference
1,3,5-Trimethylbenzene	ND	5.9	ug/Kg	11/22/10		H/L	SW8260
1,3-Dichlorobenzene	ND	5.9	ug/Kg	11/22/10		H/L	SW8260
1,3-Dichloropropane	ND	5.9	ug/Kg	11/22/10		H/L	SW8260
1,4-Dichlorobenzene	ND	5.9	ug/Kg	11/22/10		H/L	SW8260
2,2-Dichloropropane	ND	5.9	ug/Kg	11/22/10		H/L	SW8260
2-Chlorotoluene	ND	5.9	ug/Kg	11/22/10		H/L	SW8260
2-Hexanone	ND	29	ug/Kg	11/22/10		H/L	SW8260
2-Isopropyltoluene	ND	5.9	ug/Kg	11/22/10		H/L	SW8260
4-Chlorotoluene	ND	5.9	ug/Kg	11/22/10		H/L	SW8260
4-Methyl-2-pentanone	ND	29	ug/Kg	11/22/10		H/L	SW8260
Acetone	ND	120	ug/Kg	11/22/10		H/L	SW8260
Acrylonitrile	ND	5.9	ug/Kg	11/22/10		H/L	SW8260
Benzene	ND	5.9	ug/Kg	11/22/10		H/L	SW8260
Bromobenzene	ND	5.9	ug/Kg	11/22/10		H/L	SW8260
Bromochloromethane	ND	5.9	ug/Kg	11/22/10		H/L	SW8260
Bromodichloromethane	ND	5.9	ug/Kg	11/22/10		H/L	SW8260
Bromoform	ND	5.9	ug/Kg	11/22/10		H/L	SW8260
Bromomethane	ND	5.9	ug/Kg	11/22/10		H/L	SW8260
Carbon Disulfide	ND	5.9	ug/Kg	11/22/10		H/L	SW8260
Carbon tetrachloride	ND	5.9	ug/Kg	11/22/10		H/L	SW8260
Chlorobenzene	ND	5.9	ug/Kg	11/22/10		H/L	SW8260
Chloroethane	ND	5.9	ug/Kg	11/22/10		H/L	SW8260
Chloroform	ND	5.9	ug/Kg	11/22/10		H/L	SW8260
Chloromethane	ND	5.9	ug/Kg	11/22/10		H/L	SW8260
cis-1,2-Dichloroethene	ND	5.9	ug/Kg	11/22/10		H/L	SW8260
cis-1,3-Dichloropropene	ND	5.9	ug/Kg	11/22/10		H/L	SW8260
Dibromochloromethane	ND	3.5	ug/Kg	11/22/10		H/L	SW8260
Dibromoethane	ND	5.9	ug/Kg	11/22/10		H/L	SW8260
Dibromomethane	ND	5.9	ug/Kg	11/22/10		H/L	SW8260
Dichlorodifluoromethane	ND	5.9	ug/Kg	11/22/10		H/L	SW8260
Ethylbenzene	ND	5.9	ug/Kg	11/22/10		H/L	SW8260
Hexachlorobutadiene	ND	5.9	ug/Kg	11/22/10		H/L	SW8260
Isopropylbenzene	ND	5.9	ug/Kg	11/22/10		H/L	SW8260
m&p-Xylene	ND	5.9	ug/Kg	11/22/10		H/L	SW8260
Methyl Ethyl Ketone	ND	35	ug/Kg	11/22/10		H/L	SW8260
Methyl t-butyl ether (MTBE)	ND	12	ug/Kg	11/22/10		H/L	SW8260
Methylene chloride	ND	5.9	ug/Kg	11/22/10		H/L	SW8260
Naphthalene	ND	5.9	ug/Kg	11/22/10		H/L	SW8260
n-Butylbenzene	ND	5.9	ug/Kg	11/22/10		H/L	SW8260
n-Propylbenzene	ND	5.9	ug/Kg	11/22/10		H/L	SW8260
o-Xylene	ND	5.9	ug/Kg	11/22/10		H/L	SW8260
p-Isopropyltoluene	ND	5.9	ug/Kg	11/22/10		H/L	SW8260
sec-Butylbenzene	ND	5.9	ug/Kg	11/22/10		H/L	SW8260
Styrene	ND	5.9	ug/Kg	11/22/10		H/L	SW8260
tert-Butylbenzene	ND	5.9	ug/Kg	11/22/10		H/L	SW8260
Tetrachloroethene	ND	5.9	ug/Kg	11/22/10		H/L	SW8260
Tetrahydrofuran (THF)	ND	12	ug/Kg	11/22/10		H/L	SW8260
Toluene	ND	5.9	ug/Kg	11/22/10		H/L	SW8260
Total Xylenes	ND	5.9	ug/Kg	11/22/10		H/L	SW8260
trans-1,2-Dichloroethene	ND	5.9	ug/Kg	11/22/10		H/L	SW8260

Project ID: 09-088-02E
Client ID: B8 2-3 FT

Phoenix I.D.: AZ79385

Parameter	Result	RL	Units	Date	Time	By	Reference
trans-1,3-Dichloropropene	ND	5.9	ug/Kg	11/22/10		H/L	SW8260
trans-1,4-dichloro-2-butene	ND	12	ug/Kg	11/22/10		H/L	SW8260
Trichloroethene	ND	5.9	ug/Kg	11/22/10		H/L	SW8260
Trichlorofluoromethane	ND	5.9	ug/Kg	11/22/10		H/L	SW8260
Trichlorotrifluoroethane	ND	5.9	ug/Kg	11/22/10		H/L	SW8260
Vinyl chloride	ND	5.9	ug/Kg	11/22/10		H/L	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	100		%	11/22/10		H/L	SW8260
% Bromofluorobenzene	96		%	11/22/10		H/L	SW8260
% Dibromofluoromethane	101		%	11/22/10		H/L	SW8260
% Toluene-d8	96		%	11/22/10		H/L	SW8260
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	11	mg/Kg	11/22/10		JRB	CT ETPH/8015
Identification	ND		mg/Kg	11/22/10		JRB	CT ETPH/8015
QA/QC Surrogates							
% n-Pentacosane	98		%	11/22/10		JRB	CT ETPH/8015
Polynuclear Aromatic HC							
2-Methylnaphthalene	ND	270	ug/Kg	11/20/10		KCA	SW 8270
Acenaphthene	ND	270	ug/Kg	11/20/10		KCA	SW 8270
Acenaphthylene	ND	270	ug/Kg	11/20/10		KCA	SW 8270
Anthracene	ND	270	ug/Kg	11/20/10		KCA	SW 8270
Benz(a)anthracene	ND	270	ug/Kg	11/20/10		KCA	SW 8270
Benzo(a)pyrene	ND	270	ug/Kg	11/20/10		KCA	SW 8270
Benzo(b)fluoranthene	ND	270	ug/Kg	11/20/10		KCA	SW 8270
Benzo(ghi)perylene	ND	270	ug/Kg	11/20/10		KCA	SW 8270
Benzo(k)fluoranthene	ND	270	ug/Kg	11/20/10		KCA	SW 8270
Chrysene	ND	270	ug/Kg	11/20/10		KCA	SW 8270
Dibenz(a,h)anthracene	ND	270	ug/Kg	11/20/10		KCA	SW 8270
Fluoranthene	ND	270	ug/Kg	11/20/10		KCA	SW 8270
Fluorene	ND	270	ug/Kg	11/20/10		KCA	SW 8270
Indeno(1,2,3-cd)pyrene	ND	270	ug/Kg	11/20/10		KCA	SW 8270
Naphthalene	ND	270	ug/Kg	11/20/10		KCA	SW 8270
Phenanthrene	ND	270	ug/Kg	11/20/10		KCA	SW 8270
Pyrene	ND	270	ug/Kg	11/20/10		KCA	SW 8270
QA/QC Surrogates							
% 2-Fluorobiphenyl	74		%	11/20/10		KCA	SW 8270
% Nitrobenzene-d5	75		%	11/20/10		KCA	SW 8270
% Terphenyl-d14	71		%	11/20/10		KCA	SW 8270

Project ID: 09-088-02E
Client ID: B8 2-3 FT

Phoenix I.D.: AZ79385

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
December 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

December 28, 2010

FOR: Attn: Mr. Ethan Stewart
Diversified Tech. Consultants
2321 Whitney Avenue 3rd floor
Hamden Center II
Hamden CT 06518

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		11/18/10	10:25
Location Code:	DTECHDAS	Received by:	SW	11/19/10	15:30
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GAZ79372
Phoenix ID: AZ79386

Project ID: 09-088-02E

Client ID: B8 4-6 FT

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
December 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

December 28, 2010

FOR: Attn: Mr. Ethan Stewart
Diversified Tech. Consultants
2321 Whitney Avenue 3rd floor
Hamden Center II
Hamden CT 06518

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		11/18/10	10:30
Location Code:	DTECHDAS	Received by:	SW	11/19/10	15:30
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GAZ79372
Phoenix ID: AZ79387

Project ID: 09-088-02E

Client ID: B8 6-8 FT

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
December 28, 2010

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587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
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ACCREDITED IN ACCORDANCE WITH nelac
NY # 11301

Analysis Report

December 28, 2010

FOR: Attn: Mr. Ethan Stewart
Diversified Tech. Consultants
2321 Whitney Avenue 3rd floor
Hamden Center II
Hamden CT 06518

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		11/18/10	10:40
Location Code:	DTECHDAS	Received by:	SW	11/19/10	15:30
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GAZ79372
Phoenix ID: AZ79388

Project ID: 09-088-02E

Client ID: B8 8-10 FT

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.

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Phyllis Shiller, Laboratory Director
December 28, 2010

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

December 28, 2010

FOR: Attn: Mr. Ethan Stewart
Diversified Tech. Consultants
2321 Whitney Avenue 3rd floor
Hamden Center II
Hamden CT 06518

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		11/18/10	10:45
Location Code:	DTECHDAS	Received by:	SW	11/19/10	15:30
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GAZ79372
Phoenix ID: AZ79389

Project ID: 09-088-02E

Client ID: B8 10-12 FT

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.

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Phyllis Shiller, Laboratory Director
December 28, 2010

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Environmental Laboratories, Inc.
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Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

December 28, 2010

FOR: Attn: Mr. Ethan Stewart
Diversified Tech. Consultants
2321 Whitney Avenue 3rd floor
Hamden Center II
Hamden CT 06518

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		11/18/10	11:15
Location Code:	DTECHDAS	Received by:	SW	11/19/10	15:30
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GAZ79372
Phoenix ID: AZ79390

Project ID: 09-088-02E

Client ID: B7 0-2 FT

Parameter	Result	RL	Units	Date	Time	By	Reference
Arsenic	3.8	0.8	mg/Kg	11/20/10		J/E	6010/200.7
Cadmium	0.50	0.39	mg/Kg	11/20/10		J/E	6010/200.7
Chromium	19.7	0.39	mg/Kg	11/20/10		J/E	6010/200.7
Mercury	0.10	0.08	mg/Kg	11/24/10		RS	SW-7471
Lead	36.5	0.39	mg/Kg	11/20/10		J/E	6010/200.7
Percent Solid	84		%	11/19/10		JL	E160.3
Soil Extraction for PCB	Completed			11/19/10		BSB	SW3545
Soil Extraction for Pesticide	Completed			11/19/10		BSB/F	SW3545
Soil Extraction SVOA BN	Completed			11/19/10		SS/F	SW3545
Extraction of CT ETPH	Completed			11/19/10		SMS/F	3545
Mercury Digestion	Completed			11/22/10		X	SW7471
Soil Extraction for Herbicide	Completed			11/20/10		J/E	SW8151
Total Metals Digest	Completed			11/19/10		AG	SW846 - 3050
Field Extraction	Completed			11/18/10		JOY	SW5035
Chlorinated Herbicides							
2,4,5-T	ND	120	ug/Kg	11/22/10		JRB	SW8151
2,4,5-TP (Silvex)	ND	120	ug/Kg	11/22/10		JRB	SW8151
2,4-D	ND	120	ug/Kg	11/22/10		JRB	SW8151
2,4-DB	ND	1200	ug/Kg	11/22/10		JRB	SW8151
Dalapon	ND	590	ug/Kg	11/22/10		JRB	SW8151
Dicamba	ND	360	ug/Kg	11/22/10		JRB	SW8151
Dichloroprop	ND	120	ug/Kg	11/22/10		JRB	SW8151
Dinoseb	ND	240	ug/Kg	11/22/10		JRB	SW8151
QA/QC Surrogates							
% DCAA	83		%	11/22/10		JRB	SW8151

Project ID: 09-088-02E
Client ID: B7 0-2 FT

Phoenix I.D.: AZ79390

Parameter	Result	RL	Units	Date	Time	By	Reference
Volatiles							
1,1,1,2-Tetrachloroethane	ND	3.8	ug/Kg	11/20/10		H/L	SW8260
1,1,1-Trichloroethane	ND	3.8	ug/Kg	11/20/10		H/L	SW8260
1,1,2,2-Tetrachloroethane	ND	2.3	ug/Kg	11/20/10		H/L	SW8260
1,1,2-Trichloroethane	ND	3.8	ug/Kg	11/20/10		H/L	SW8260
1,1-Dichloroethane	ND	3.8	ug/Kg	11/20/10		H/L	SW8260
1,1-Dichloroethene	ND	3.8	ug/Kg	11/20/10		H/L	SW8260
1,1-Dichloropropene	ND	3.8	ug/Kg	11/20/10		H/L	SW8260
1,2,3-Trichlorobenzene	ND	3.8	ug/Kg	11/20/10		H/L	SW8260
1,2,3-Trichloropropane	ND	3.8	ug/Kg	11/20/10		H/L	SW8260
1,2,4-Trichlorobenzene	ND	3.8	ug/Kg	11/20/10		H/L	SW8260
1,2,4-Trimethylbenzene	ND	3.8	ug/Kg	11/20/10		H/L	SW8260
1,2-Dibromo-3-chloropropane	ND	3.8	ug/Kg	11/20/10		H/L	SW8260
1,2-Dichlorobenzene	ND	3.8	ug/Kg	11/20/10		H/L	SW8260
1,2-Dichloroethane	ND	3.8	ug/Kg	11/20/10		H/L	SW8260
1,2-Dichloropropane	ND	3.8	ug/Kg	11/20/10		H/L	SW8260
1,3,5-Trimethylbenzene	ND	3.8	ug/Kg	11/20/10		H/L	SW8260
1,3-Dichlorobenzene	ND	3.8	ug/Kg	11/20/10		H/L	SW8260
1,3-Dichloropropane	ND	3.8	ug/Kg	11/20/10		H/L	SW8260
1,4-Dichlorobenzene	ND	3.8	ug/Kg	11/20/10		H/L	SW8260
2,2-Dichloropropane	ND	3.8	ug/Kg	11/20/10		H/L	SW8260
2-Chlorotoluene	ND	3.8	ug/Kg	11/20/10		H/L	SW8260
2-Hexanone	ND	19	ug/Kg	11/20/10		H/L	SW8260
2-Isopropyltoluene	ND	3.8	ug/Kg	11/20/10		H/L	SW8260
4-Chlorotoluene	ND	3.8	ug/Kg	11/20/10		H/L	SW8260
4-Methyl-2-pentanone	ND	19	ug/Kg	11/20/10		H/L	SW8260
Acetone	ND	76	ug/Kg	11/20/10		H/L	SW8260
Acrylonitrile	ND	3.8	ug/Kg	11/20/10		H/L	SW8260
Benzene	ND	3.8	ug/Kg	11/20/10		H/L	SW8260
Bromobenzene	ND	3.8	ug/Kg	11/20/10		H/L	SW8260
Bromochloromethane	ND	3.8	ug/Kg	11/20/10		H/L	SW8260
Bromodichloromethane	ND	3.8	ug/Kg	11/20/10		H/L	SW8260
Bromoform	ND	3.8	ug/Kg	11/20/10		H/L	SW8260
Bromomethane	ND	3.8	ug/Kg	11/20/10		H/L	SW8260
Carbon Disulfide	ND	3.8	ug/Kg	11/20/10		H/L	SW8260
Carbon tetrachloride	ND	3.8	ug/Kg	11/20/10		H/L	SW8260
Chlorobenzene	ND	3.8	ug/Kg	11/20/10		H/L	SW8260
Chloroethane	ND	3.8	ug/Kg	11/20/10		H/L	SW8260
Chloroform	ND	3.8	ug/Kg	11/20/10		H/L	SW8260
Chloromethane	ND	3.8	ug/Kg	11/20/10		H/L	SW8260
cis-1,2-Dichloroethene	ND	3.8	ug/Kg	11/20/10		H/L	SW8260
cis-1,3-Dichloropropene	ND	3.8	ug/Kg	11/20/10		H/L	SW8260
Dibromochloromethane	ND	2.3	ug/Kg	11/20/10		H/L	SW8260
Dibromoethane	ND	3.8	ug/Kg	11/20/10		H/L	SW8260
Dibromomethane	ND	3.8	ug/Kg	11/20/10		H/L	SW8260
Dichlorodifluoromethane	ND	3.8	ug/Kg	11/20/10		H/L	SW8260
Ethylbenzene	ND	3.8	ug/Kg	11/20/10		H/L	SW8260
Hexachlorobutadiene	ND	3.8	ug/Kg	11/20/10		H/L	SW8260
Isopropylbenzene	ND	3.8	ug/Kg	11/20/10		H/L	SW8260

Project ID: 09-088-02E
Client ID: B7 0-2 FT

Phoenix I.D.: AZ79390

Parameter	Result	RL	Units	Date	Time	By	Reference
m&p-Xylene	ND	3.8	ug/Kg	11/20/10		H/L	SW8260
Methyl Ethyl Ketone	ND	23	ug/Kg	11/20/10		H/L	SW8260
Methyl t-butyl ether (MTBE)	ND	7.6	ug/Kg	11/20/10		H/L	SW8260
Methylene chloride	ND	3.8	ug/Kg	11/20/10		H/L	SW8260
Naphthalene	ND	3.8	ug/Kg	11/20/10		H/L	SW8260
n-Butylbenzene	ND	3.8	ug/Kg	11/20/10		H/L	SW8260
n-Propylbenzene	ND	3.8	ug/Kg	11/20/10		H/L	SW8260
o-Xylene	ND	3.8	ug/Kg	11/20/10		H/L	SW8260
p-Isopropyltoluene	ND	3.8	ug/Kg	11/20/10		H/L	SW8260
sec-Butylbenzene	ND	3.8	ug/Kg	11/20/10		H/L	SW8260
Styrene	ND	3.8	ug/Kg	11/20/10		H/L	SW8260
tert-Butylbenzene	ND	3.8	ug/Kg	11/20/10		H/L	SW8260
Tetrachloroethene	ND	3.8	ug/Kg	11/20/10		H/L	SW8260
Tetrahydrofuran (THF)	ND	7.6	ug/Kg	11/20/10		H/L	SW8260
Toluene	ND	3.8	ug/Kg	11/20/10		H/L	SW8260
Total Xylenes	ND	3.8	ug/Kg	11/20/10		H/L	SW8260
trans-1,2-Dichloroethene	ND	3.8	ug/Kg	11/20/10		H/L	SW8260
trans-1,3-Dichloropropene	ND	3.8	ug/Kg	11/20/10		H/L	SW8260
trans-1,4-dichloro-2-butene	ND	7.6	ug/Kg	11/20/10		H/L	SW8260
Trichloroethene	ND	3.8	ug/Kg	11/20/10		H/L	SW8260
Trichlorofluoromethane	ND	3.8	ug/Kg	11/20/10		H/L	SW8260
Trichlorotrifluoroethane	ND	3.8	ug/Kg	11/20/10		H/L	SW8260
Vinyl chloride	ND	3.8	ug/Kg	11/20/10		H/L	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	97		%	11/20/10		H/L	SW8260
% Bromofluorobenzene	98		%	11/20/10		H/L	SW8260
% Dibromofluoromethane	99		%	11/20/10		H/L	SW8260
% Toluene-d8	98		%	11/20/10		H/L	SW8260
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	12	mg/Kg	11/22/10		JRB	CT ETPH/8015
Identification	ND		mg/Kg	11/22/10		JRB	CT ETPH/8015
QA/QC Surrogates							
% n-Pentacosane	101		%	11/22/10		JRB	CT ETPH/8015
Polychlorinated Biphenyls							
PCB-1016	ND	400	ug/Kg	11/23/10		MH	SW 8082
PCB-1221	ND	400	ug/Kg	11/23/10		MH	SW 8082
PCB-1232	ND	400	ug/Kg	11/23/10		MH	SW 8082
PCB-1242	ND	400	ug/Kg	11/23/10		MH	SW 8082
PCB-1248	ND	400	ug/Kg	11/23/10		MH	SW 8082
PCB-1254	ND	400	ug/Kg	11/23/10		MH	SW 8082
PCB-1260	ND	400	ug/Kg	11/23/10		MH	SW 8082
PCB-1262	ND	400	ug/Kg	11/23/10		MH	SW 8082
PCB-1268	ND	400	ug/Kg	11/23/10		MH	SW 8082
QA/QC Surrogates							
% DCBP	105		%	11/23/10		MH	SW 8082
% TCMX	86		%	11/23/10		MH	SW 8082

Project ID: 09-088-02E
Client ID: B7 0-2 FT

Phoenix I.D.: AZ79390

Parameter	Result	RL	Units	Date	Time	By	Reference
Pesticides							
4,4' -DDD	ND	7.6	ug/Kg	11/24/10		KCA	SW8081
4,4' -DDE	ND	7.6	ug/Kg	11/24/10		KCA	SW8081
4,4' -DDT	ND	7.6	ug/Kg	11/24/10		KCA	SW8081
a-BHC	ND	3.8	ug/Kg	11/24/10		KCA	SW8081
Alachlor	ND	3.8	ug/Kg	11/24/10		KCA	SW8081
Aldrin	ND	1.2	ug/Kg	11/24/10		KCA	SW8081
b-BHC	ND	3.8	ug/Kg	11/24/10		KCA	SW8081
Chlordane	ND	12	ug/Kg	11/24/10		KCA	SW8081
d-BHC	ND	3.8	ug/Kg	11/24/10		KCA	SW8081
Dieldrin	ND	1.2	ug/Kg	11/24/10		KCA	SW8081
Endosulfan I	ND	3.8	ug/Kg	11/24/10		KCA	SW8081
Endosulfan II	ND	7.6	ug/Kg	11/24/10		KCA	SW8081
Endosulfan sulfate	ND	7.6	ug/Kg	11/24/10		KCA	SW8081
Endrin	ND	7.6	ug/Kg	11/24/10		KCA	SW8081
Endrin aldehyde	ND	7.6	ug/Kg	11/24/10		KCA	SW8081
Endrin ketone	ND	7.6	ug/Kg	11/24/10		KCA	SW8081
g-BHC	ND	1.2	ug/Kg	11/24/10		KCA	SW8081
Heptachlor	ND	2.4	ug/Kg	11/24/10		KCA	SW8081
Heptachlor epoxide	ND	3.8	ug/Kg	11/24/10		KCA	SW8081
Methoxychlor	ND	38	ug/Kg	11/24/10		KCA	SW8081
Toxaphene	ND	38	ug/Kg	11/24/10		KCA	SW8081
QA/QC Surrogates							
% DCBP	90		%	11/24/10		KCA	SW8081
% TCMX	70		%	11/24/10		KCA	SW8081
Polynuclear Aromatic HC							
2-Methylnaphthalene	ND	550	ug/Kg	11/20/10		KCA	SW 8270
Acenaphthene	ND	550	ug/Kg	11/20/10		KCA	SW 8270
Acenaphthylene	ND	550	ug/Kg	11/20/10		KCA	SW 8270
Anthracene	ND	550	ug/Kg	11/20/10		KCA	SW 8270
Benz(a)anthracene	ND	550	ug/Kg	11/20/10		KCA	SW 8270
Benzo(a)pyrene	ND	550	ug/Kg	11/20/10		KCA	SW 8270
Benzo(b)fluoranthene	ND	550	ug/Kg	11/20/10		KCA	SW 8270
Benzo(ghi)perylene	ND	550	ug/Kg	11/20/10		KCA	SW 8270
Benzo(k)fluoranthene	ND	550	ug/Kg	11/20/10		KCA	SW 8270
Chrysene	ND	550	ug/Kg	11/20/10		KCA	SW 8270
Dibenz(a,h)anthracene	ND	550	ug/Kg	11/20/10		KCA	SW 8270
Fluoranthene	ND	550	ug/Kg	11/20/10		KCA	SW 8270
Fluorene	ND	550	ug/Kg	11/20/10		KCA	SW 8270
Indeno(1,2,3-cd)pyrene	ND	550	ug/Kg	11/20/10		KCA	SW 8270
Naphthalene	ND	550	ug/Kg	11/20/10		KCA	SW 8270
Phenanthrene	ND	550	ug/Kg	11/20/10		KCA	SW 8270
Pyrene	ND	550	ug/Kg	11/20/10		KCA	SW 8270
QA/QC Surrogates							
% 2-Fluorobiphenyl	65		%	11/20/10		KCA	SW 8270
% Nitrobenzene-d5	66		%	11/20/10		KCA	SW 8270
% Terphenyl-d14	57		%	11/20/10		KCA	SW 8270

Project ID: 09-088-02E
Client ID: B7 0-2 FT

Phoenix I.D.: AZ79390

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
December 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

December 28, 2010

FOR: Attn: Mr. Ethan Stewart
Diversified Tech. Consultants
2321 Whitney Avenue 3rd floor
Hamden Center II
Hamden CT 06518

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		11/18/10	11:20
Location Code:	DTECHDAS	Received by:	SW	11/19/10	15:30
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GAZ79372
Phoenix ID: AZ79391

Project ID: 09-088-02E

Client ID: B7 2-3 FT

Parameter	Result	RL	Units	Date	Time	By	Reference
Arsenic	3.3	0.8	mg/Kg	11/23/10		LK	6010/200.7
Cadmium	< 0.40	0.40	mg/Kg	11/23/10		LK	6010/200.7
Chromium	15.3	0.40	mg/Kg	11/23/10		LK	6010/200.7
Mercury	< 0.07	0.07	mg/Kg	11/24/10		RS	SW-7471
Lead	10.6	0.40	mg/Kg	11/23/10		LK	6010/200.7
Percent Solid	83		%	11/19/10		JL	E160.3
Soil Extraction for Pesticide	Completed			12/02/10		FB/F	SW3545
Soil Extraction SVOA BN	Completed			11/19/10		SS/F	SW3545
Extraction of CT ETPH	Completed			11/19/10		SMS/F	3545
Mercury Digestion	Completed			11/22/10		X	SW7471
Total Metals Digest	Completed			11/22/10		F/AG	SW846 - 3050
Field Extraction	Completed			11/18/10		JOY	SW5035
Volatiles							
1,1,1,2-Tetrachloroethane	ND	6.0	ug/Kg	11/22/10		H/L	SW8260
1,1,1-Trichloroethane	ND	6.0	ug/Kg	11/22/10		H/L	SW8260
1,1,2,2-Tetrachloroethane	ND	3.6	ug/Kg	11/22/10		H/L	SW8260
1,1,2-Trichloroethane	ND	6.0	ug/Kg	11/22/10		H/L	SW8260
1,1-Dichloroethane	ND	6.0	ug/Kg	11/22/10		H/L	SW8260
1,1-Dichloroethene	ND	6.0	ug/Kg	11/22/10		H/L	SW8260
1,1-Dichloropropene	ND	6.0	ug/Kg	11/22/10		H/L	SW8260
1,2,3-Trichlorobenzene	ND	6.0	ug/Kg	11/22/10		H/L	SW8260
1,2,3-Trichloropropane	ND	6.0	ug/Kg	11/22/10		H/L	SW8260
1,2,4-Trichlorobenzene	ND	6.0	ug/Kg	11/22/10		H/L	SW8260
1,2,4-Trimethylbenzene	ND	6.0	ug/Kg	11/22/10		H/L	SW8260
1,2-Dibromo-3-chloropropane	ND	6.0	ug/Kg	11/22/10		H/L	SW8260
1,2-Dichlorobenzene	ND	6.0	ug/Kg	11/22/10		H/L	SW8260
1,2-Dichloroethane	ND	6.0	ug/Kg	11/22/10		H/L	SW8260

Project ID: 09-088-02E
Client ID: B7 2-3 FT

Phoenix I.D.: AZ79391

Parameter	Result	RL	Units	Date	Time	By	Reference
1,2-Dichloropropane	ND	6.0	ug/Kg	11/22/10		H/L	SW8260
1,3,5-Trimethylbenzene	ND	6.0	ug/Kg	11/22/10		H/L	SW8260
1,3-Dichlorobenzene	ND	6.0	ug/Kg	11/22/10		H/L	SW8260
1,3-Dichloropropane	ND	6.0	ug/Kg	11/22/10		H/L	SW8260
1,4-Dichlorobenzene	ND	6.0	ug/Kg	11/22/10		H/L	SW8260
2,2-Dichloropropane	ND	6.0	ug/Kg	11/22/10		H/L	SW8260
2-Chlorotoluene	ND	6.0	ug/Kg	11/22/10		H/L	SW8260
2-Hexanone	ND	30	ug/Kg	11/22/10		H/L	SW8260
2-Isopropyltoluene	ND	6.0	ug/Kg	11/22/10		H/L	SW8260
4-Chlorotoluene	ND	6.0	ug/Kg	11/22/10		H/L	SW8260
4-Methyl-2-pentanone	ND	30	ug/Kg	11/22/10		H/L	SW8260
Acetone	ND	120	ug/Kg	11/22/10		H/L	SW8260
Acrylonitrile	ND	6.0	ug/Kg	11/22/10		H/L	SW8260
Benzene	ND	6.0	ug/Kg	11/22/10		H/L	SW8260
Bromobenzene	ND	6.0	ug/Kg	11/22/10		H/L	SW8260
Bromochloromethane	ND	6.0	ug/Kg	11/22/10		H/L	SW8260
Bromodichloromethane	ND	6.0	ug/Kg	11/22/10		H/L	SW8260
Bromoform	ND	6.0	ug/Kg	11/22/10		H/L	SW8260
Bromomethane	ND	6.0	ug/Kg	11/22/10		H/L	SW8260
Carbon Disulfide	ND	6.0	ug/Kg	11/22/10		H/L	SW8260
Carbon tetrachloride	ND	6.0	ug/Kg	11/22/10		H/L	SW8260
Chlorobenzene	ND	6.0	ug/Kg	11/22/10		H/L	SW8260
Chloroethane	ND	6.0	ug/Kg	11/22/10		H/L	SW8260
Chloroform	ND	6.0	ug/Kg	11/22/10		H/L	SW8260
Chloromethane	ND	6.0	ug/Kg	11/22/10		H/L	SW8260
cis-1,2-Dichloroethene	ND	6.0	ug/Kg	11/22/10		H/L	SW8260
cis-1,3-Dichloropropene	ND	6.0	ug/Kg	11/22/10		H/L	SW8260
Dibromochloromethane	ND	3.6	ug/Kg	11/22/10		H/L	SW8260
Dibromoethane	ND	6.0	ug/Kg	11/22/10		H/L	SW8260
Dibromomethane	ND	6.0	ug/Kg	11/22/10		H/L	SW8260
Dichlorodifluoromethane	ND	6.0	ug/Kg	11/22/10		H/L	SW8260
Ethylbenzene	ND	6.0	ug/Kg	11/22/10		H/L	SW8260
Hexachlorobutadiene	ND	6.0	ug/Kg	11/22/10		H/L	SW8260
Isopropylbenzene	ND	6.0	ug/Kg	11/22/10		H/L	SW8260
m&p-Xylene	ND	6.0	ug/Kg	11/22/10		H/L	SW8260
Methyl Ethyl Ketone	ND	36	ug/Kg	11/22/10		H/L	SW8260
Methyl t-butyl ether (MTBE)	ND	12	ug/Kg	11/22/10		H/L	SW8260
Methylene chloride	ND	6.0	ug/Kg	11/22/10		H/L	SW8260
Naphthalene	ND	6.0	ug/Kg	11/22/10		H/L	SW8260
n-Butylbenzene	ND	6.0	ug/Kg	11/22/10		H/L	SW8260
n-Propylbenzene	ND	6.0	ug/Kg	11/22/10		H/L	SW8260
o-Xylene	ND	6.0	ug/Kg	11/22/10		H/L	SW8260
p-Isopropyltoluene	ND	6.0	ug/Kg	11/22/10		H/L	SW8260
sec-Butylbenzene	ND	6.0	ug/Kg	11/22/10		H/L	SW8260
Styrene	ND	6.0	ug/Kg	11/22/10		H/L	SW8260
tert-Butylbenzene	ND	6.0	ug/Kg	11/22/10		H/L	SW8260
Tetrachloroethene	ND	6.0	ug/Kg	11/22/10		H/L	SW8260
Tetrahydrofuran (THF)	ND	12	ug/Kg	11/22/10		H/L	SW8260
Toluene	ND	6.0	ug/Kg	11/22/10		H/L	SW8260
Total Xylenes	ND	6.0	ug/Kg	11/22/10		H/L	SW8260

Project ID: 09-088-02E
Client ID: B7 2-3 FT

Phoenix I.D.: AZ79391

Parameter	Result	RL	Units	Date	Time	By	Reference
trans-1,2-Dichloroethene	ND	6.0	ug/Kg	11/22/10		H/L	SW8260
trans-1,3-Dichloropropene	ND	6.0	ug/Kg	11/22/10		H/L	SW8260
trans-1,4-dichloro-2-butene	ND	12	ug/Kg	11/22/10		H/L	SW8260
Trichloroethene	ND	6.0	ug/Kg	11/22/10		H/L	SW8260
Trichlorofluoromethane	ND	6.0	ug/Kg	11/22/10		H/L	SW8260
Trichlorotrifluoroethane	ND	6.0	ug/Kg	11/22/10		H/L	SW8260
Vinyl chloride	ND	6.0	ug/Kg	11/22/10		H/L	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	97		%	11/22/10		H/L	SW8260
% Bromofluorobenzene	96		%	11/22/10		H/L	SW8260
% Dibromofluoromethane	102		%	11/22/10		H/L	SW8260
% Toluene-d8	99		%	11/22/10		H/L	SW8260
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	12	mg/Kg	11/22/10		JRB	CT ETPH/8015
Identification	ND		mg/Kg	11/22/10		JRB	CT ETPH/8015
QA/QC Surrogates							
% n-Pentacosane	100		%	11/22/10		JRB	CT ETPH/8015
Pesticides							
4,4' -DDD	ND	7.6	ug/Kg	12/07/10		MH	SW8081
4,4' -DDE	ND	7.6	ug/Kg	12/07/10		MH	SW8081
4,4' -DDT	ND	7.6	ug/Kg	12/07/10		MH	SW8081
a-BHC	ND	3.8	ug/Kg	12/07/10		MH	SW8081
Alachlor	ND	3.8	ug/Kg	12/07/10		MH	SW8081
Aldrin	ND	1.2	ug/Kg	12/07/10		MH	SW8081
b-BHC	ND	3.8	ug/Kg	12/07/10		MH	SW8081
Chlordane	ND	12	ug/Kg	12/07/10		MH	SW8081
d-BHC	ND	3.8	ug/Kg	12/07/10		MH	SW8081
Dieldrin	ND	1.2	ug/Kg	12/07/10		MH	SW8081
Endosulfan I	ND	3.8	ug/Kg	12/07/10		MH	SW8081
Endosulfan II	ND	7.6	ug/Kg	12/07/10		MH	SW8081
Endosulfan sulfate	ND	7.6	ug/Kg	12/07/10		MH	SW8081
Endrin	ND	7.6	ug/Kg	12/07/10		MH	SW8081
Endrin aldehyde	ND	7.6	ug/Kg	12/07/10		MH	SW8081
Endrin ketone	ND	7.6	ug/Kg	12/07/10		MH	SW8081
g-BHC	ND	1.2	ug/Kg	12/07/10		MH	SW8081
Heptachlor	ND	2.4	ug/Kg	12/07/10		MH	SW8081
Heptachlor epoxide	ND	3.8	ug/Kg	12/07/10		MH	SW8081
Methoxychlor	ND	38	ug/Kg	12/07/10		MH	SW8081
Toxaphene	ND	38	ug/Kg	12/07/10		MH	SW8081
QA/QC Surrogates							
% DCBP	94		%	12/07/10		MH	SW8081
% TCMX	69		%	12/07/10		MH	SW8081
Polynuclear Aromatic HC							
2-Methylnaphthalene	ND	280	ug/Kg	11/20/10		KCA	SW 8270
Acenaphthene	ND	280	ug/Kg	11/20/10		KCA	SW 8270
Acenaphthylene	ND	280	ug/Kg	11/20/10		KCA	SW 8270
Anthracene	ND	280	ug/Kg	11/20/10		KCA	SW 8270

Project ID: 09-088-02E
Client ID: B7 2-3 FT

Phoenix I.D.: AZ79391

Parameter	Result	RL	Units	Date	Time	By	Reference
Benz(a)anthracene	ND	280	ug/Kg	11/20/10		KCA	SW 8270
Benzo(a)pyrene	ND	280	ug/Kg	11/20/10		KCA	SW 8270
Benzo(b)fluoranthene	ND	280	ug/Kg	11/20/10		KCA	SW 8270
Benzo(ghi)perylene	ND	280	ug/Kg	11/20/10		KCA	SW 8270
Benzo(k)fluoranthene	ND	280	ug/Kg	11/20/10		KCA	SW 8270
Chrysene	ND	280	ug/Kg	11/20/10		KCA	SW 8270
Dibenz(a,h)anthracene	ND	280	ug/Kg	11/20/10		KCA	SW 8270
Fluoranthene	ND	280	ug/Kg	11/20/10		KCA	SW 8270
Fluorene	ND	280	ug/Kg	11/20/10		KCA	SW 8270
Indeno(1,2,3-cd)pyrene	ND	280	ug/Kg	11/20/10		KCA	SW 8270
Naphthalene	ND	280	ug/Kg	11/20/10		KCA	SW 8270
Phenanthrene	ND	280	ug/Kg	11/20/10		KCA	SW 8270
Pyrene	ND	280	ug/Kg	11/20/10		KCA	SW 8270
QA/QC Surrogates							
% 2-Fluorobiphenyl	73		%	11/20/10		KCA	SW 8270
% Nitrobenzene-d5	73		%	11/20/10		KCA	SW 8270
% Terphenyl-d14	72		%	11/20/10		KCA	SW 8270

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
December 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

December 28, 2010

FOR: Attn: Mr. Ethan Stewart
Diversified Tech. Consultants
2321 Whitney Avenue 3rd floor
Hamden Center II
Hamden CT 06518

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		11/18/10	11:30
Location Code:	DTECHDAS	Received by:	SW	11/19/10	15:30
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GAZ79372
Phoenix ID: AZ79392

Project ID: 09-088-02E
Client ID: B7 4-6 FT

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.

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December 28, 2010

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

December 28, 2010

FOR: Attn: Mr. Ethan Stewart
Diversified Tech. Consultants
2321 Whitney Avenue 3rd floor
Hamden Center II
Hamden CT 06518

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		11/18/10	11:35
Location Code:	DTECHDAS	Received by:	SW	11/19/10	15:30
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GAZ79372
Phoenix ID: AZ79393

Project ID: 09-088-02E

Client ID: B7 6-7 FT

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
December 28, 2010

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

December 28, 2010

FOR: Attn: Mr. Ethan Stewart
Diversified Tech. Consultants
2321 Whitney Avenue 3rd floor
Hamden Center II
Hamden CT 06518

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		11/18/10	11:45
Location Code:	DTECHDAS	Received by:	SW	11/19/10	15:30
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GAZ79372
Phoenix ID: AZ79394

Project ID: 09-088-02E

Client ID: B7 8-9 FT

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
December 28, 2010

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

December 28, 2010

FOR: Attn: Mr. Ethan Stewart
Diversified Tech. Consultants
2321 Whitney Avenue 3rd floor
Hamden Center II
Hamden CT 06518

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		11/18/10	12:10
Location Code:	DTECHDAS	Received by:	SW	11/19/10	15:30
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GAZ79372
Phoenix ID: AZ79395

Project ID: 09-088-02E

Client ID: B6 0-2 FT

Parameter	Result	RL	Units	Date	Time	By	Reference
Arsenic	2.8	0.8	mg/Kg	11/23/10		LK	6010/200.7
Cadmium	< 0.38	0.38	mg/Kg	11/23/10		LK	6010/200.7
Chromium	19.7	0.38	mg/Kg	11/23/10		LK	6010/200.7
Mercury	< 0.07	0.07	mg/Kg	11/24/10		RS	SW-7471
Lead	9.72	0.38	mg/Kg	11/23/10		LK	6010/200.7
Percent Solid	84		%	11/19/10		JL	E160.3
Soil Extraction for PCB	Completed			11/19/10		BSB	SW3545
Soil Extraction for Pesticide	Completed			11/19/10		BSB/F	SW3545
Soil Extraction SVOA BN	Completed			11/19/10		SS/F	SW3545
Extraction of CT ETPH	Completed			11/19/10		SMS/F	3545
Mercury Digestion	Completed			11/22/10		X	SW7471
Soil Extraction for Herbicide	Completed			11/20/10		J/E	SW8151
Total Metals Digest	Completed			11/22/10		AG	SW846 - 3050
Field Extraction	Completed			11/18/10		JOY	SW5035
Chlorinated Herbicides							
2,4,5-T	ND	120	ug/Kg	11/22/10		JRB	SW8151
2,4,5-TP (Silvex)	ND	120	ug/Kg	11/22/10		JRB	SW8151
2,4-D	ND	120	ug/Kg	11/22/10		JRB	SW8151
2,4-DB	ND	1200	ug/Kg	11/22/10		JRB	SW8151
Dalapon	ND	590	ug/Kg	11/22/10		JRB	SW8151
Dicamba	ND	360	ug/Kg	11/22/10		JRB	SW8151
Dichloroprop	ND	120	ug/Kg	11/22/10		JRB	SW8151
Dinoseb	ND	240	ug/Kg	11/22/10		JRB	SW8151
QA/QC Surrogates							
% DCAA	75		%	11/22/10		JRB	SW8151

Project ID: 09-088-02E
Client ID: B6 0-2 FT

Phoenix I.D.: AZ79395

Parameter	Result	RL	Units	Date	Time	By	Reference
Volatiles							
1,1,1,2-Tetrachloroethane	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
1,1,1-Trichloroethane	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
1,1,2,2-Tetrachloroethane	ND	3.6	ug/Kg	11/21/10		H/L	SW8260
1,1,2-Trichloroethane	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
1,1-Dichloroethane	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
1,1-Dichloroethene	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
1,1-Dichloropropene	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
1,2,3-Trichlorobenzene	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
1,2,3-Trichloropropane	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
1,2,4-Trichlorobenzene	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
1,2,4-Trimethylbenzene	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
1,2-Dibromo-3-chloropropane	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
1,2-Dichlorobenzene	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
1,2-Dichloroethane	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
1,2-Dichloropropane	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
1,3,5-Trimethylbenzene	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
1,3-Dichlorobenzene	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
1,3-Dichloropropane	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
1,4-Dichlorobenzene	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
2,2-Dichloropropane	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
2-Chlorotoluene	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
2-Hexanone	ND	30	ug/Kg	11/21/10		H/L	SW8260
2-Isopropyltoluene	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
4-Chlorotoluene	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
4-Methyl-2-pentanone	ND	30	ug/Kg	11/21/10		H/L	SW8260
Acetone	ND	120	ug/Kg	11/21/10		H/L	SW8260
Acrylonitrile	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
Benzene	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
Bromobenzene	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
Bromochloromethane	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
Bromodichloromethane	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
Bromoform	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
Bromomethane	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
Carbon Disulfide	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
Carbon tetrachloride	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
Chlorobenzene	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
Chloroethane	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
Chloroform	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
Chloromethane	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
cis-1,2-Dichloroethene	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
cis-1,3-Dichloropropene	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
Dibromochloromethane	ND	3.6	ug/Kg	11/21/10		H/L	SW8260
Dibromoethane	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
Dibromomethane	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
Dichlorodifluoromethane	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
Ethylbenzene	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
Hexachlorobutadiene	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
Isopropylbenzene	ND	6.0	ug/Kg	11/21/10		H/L	SW8260

Project ID: 09-088-02E
Client ID: B6 0-2 FT

Phoenix I.D.: AZ79395

Parameter	Result	RL	Units	Date	Time	By	Reference
m&p-Xylene	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
Methyl Ethyl Ketone	ND	36	ug/Kg	11/21/10		H/L	SW8260
Methyl t-butyl ether (MTBE)	ND	12	ug/Kg	11/21/10		H/L	SW8260
Methylene chloride	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
Naphthalene	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
n-Butylbenzene	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
n-Propylbenzene	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
o-Xylene	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
p-Isopropyltoluene	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
sec-Butylbenzene	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
Styrene	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
tert-Butylbenzene	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
Tetrachloroethene	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
Tetrahydrofuran (THF)	ND	12	ug/Kg	11/21/10		H/L	SW8260
Toluene	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
Total Xylenes	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
trans-1,2-Dichloroethene	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
trans-1,3-Dichloropropene	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
trans-1,4-dichloro-2-butene	ND	12	ug/Kg	11/21/10		H/L	SW8260
Trichloroethene	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
Trichlorofluoromethane	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
Trichlorotrifluoroethane	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
Vinyl chloride	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	97		%	11/21/10		H/L	SW8260
% Bromofluorobenzene	98		%	11/21/10		H/L	SW8260
% Dibromofluoromethane	97		%	11/21/10		H/L	SW8260
% Toluene-d8	100		%	11/21/10		H/L	SW8260
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	12	mg/Kg	11/22/10		JRB	CT ETPH/8015
Identification	ND		mg/Kg	11/22/10		JRB	CT ETPH/8015
QA/QC Surrogates							
% n-Pentacosane	152		%	11/22/10		JRB	CT ETPH/8015
Polychlorinated Biphenyls							
PCB-1016	ND	390	ug/Kg	11/23/10		MH	SW 8082
PCB-1221	ND	390	ug/Kg	11/23/10		MH	SW 8082
PCB-1232	ND	390	ug/Kg	11/23/10		MH	SW 8082
PCB-1242	ND	390	ug/Kg	11/23/10		MH	SW 8082
PCB-1248	ND	390	ug/Kg	11/23/10		MH	SW 8082
PCB-1254	ND	390	ug/Kg	11/23/10		MH	SW 8082
PCB-1260	ND	390	ug/Kg	11/23/10		MH	SW 8082
PCB-1262	ND	390	ug/Kg	11/23/10		MH	SW 8082
PCB-1268	ND	390	ug/Kg	11/23/10		MH	SW 8082
QA/QC Surrogates							
% DCBP	105		%	11/23/10		MH	SW 8082
% TCMX	88		%	11/23/10		MH	SW 8082

Project ID: 09-088-02E
Client ID: B6 0-2 FT

Phoenix I.D.: AZ79395

Parameter	Result	RL	Units	Date	Time	By	Reference
Pesticides							
4,4' -DDD	ND	7.6	ug/Kg	11/24/10		KCA	SW8081
4,4' -DDE	ND	7.6	ug/Kg	11/24/10		KCA	SW8081
4,4' -DDT	ND	7.6	ug/Kg	11/24/10		KCA	SW8081
a-BHC	ND	3.8	ug/Kg	11/24/10		KCA	SW8081
Alachlor	ND	3.8	ug/Kg	11/24/10		KCA	SW8081
Aldrin	ND	1.2	ug/Kg	11/24/10		KCA	SW8081
b-BHC	ND	3.8	ug/Kg	11/24/10		KCA	SW8081
Chlordane	ND	12	ug/Kg	11/24/10		KCA	SW8081
d-BHC	ND	3.8	ug/Kg	11/24/10		KCA	SW8081
Dieldrin	ND	1.2	ug/Kg	11/24/10		KCA	SW8081
Endosulfan I	ND	3.8	ug/Kg	11/24/10		KCA	SW8081
Endosulfan II	ND	7.6	ug/Kg	11/24/10		KCA	SW8081
Endosulfan sulfate	ND	7.6	ug/Kg	11/24/10		KCA	SW8081
Endrin	ND	7.6	ug/Kg	11/24/10		KCA	SW8081
Endrin aldehyde	ND	7.6	ug/Kg	11/24/10		KCA	SW8081
Endrin ketone	ND	7.6	ug/Kg	11/24/10		KCA	SW8081
g-BHC	ND	1.2	ug/Kg	11/24/10		KCA	SW8081
Heptachlor	ND	2.4	ug/Kg	11/24/10		KCA	SW8081
Heptachlor epoxide	ND	3.8	ug/Kg	11/24/10		KCA	SW8081
Methoxychlor	ND	38	ug/Kg	11/24/10		KCA	SW8081
Toxaphene	ND	38	ug/Kg	11/24/10		KCA	SW8081
QA/QC Surrogates							
% DCBP	89		%	11/24/10		KCA	SW8081
% TCMX	71		%	11/24/10		KCA	SW8081
Polynuclear Aromatic HC							
2-Methylnaphthalene	ND	270	ug/Kg	11/20/10		KCA	SW 8270
Acenaphthene	ND	270	ug/Kg	11/20/10		KCA	SW 8270
Acenaphthylene	ND	270	ug/Kg	11/20/10		KCA	SW 8270
Anthracene	ND	270	ug/Kg	11/20/10		KCA	SW 8270
Benz(a)anthracene	ND	270	ug/Kg	11/20/10		KCA	SW 8270
Benzo(a)pyrene	ND	270	ug/Kg	11/20/10		KCA	SW 8270
Benzo(b)fluoranthene	ND	270	ug/Kg	11/20/10		KCA	SW 8270
Benzo(ghi)perylene	ND	270	ug/Kg	11/20/10		KCA	SW 8270
Benzo(k)fluoranthene	ND	270	ug/Kg	11/20/10		KCA	SW 8270
Chrysene	ND	270	ug/Kg	11/20/10		KCA	SW 8270
Dibenz(a,h)anthracene	ND	270	ug/Kg	11/20/10		KCA	SW 8270
Fluoranthene	ND	270	ug/Kg	11/20/10		KCA	SW 8270
Fluorene	ND	270	ug/Kg	11/20/10		KCA	SW 8270
Indeno(1,2,3-cd)pyrene	ND	270	ug/Kg	11/20/10		KCA	SW 8270
Naphthalene	ND	270	ug/Kg	11/20/10		KCA	SW 8270
Phenanthrene	ND	270	ug/Kg	11/20/10		KCA	SW 8270
Pyrene	ND	270	ug/Kg	11/20/10		KCA	SW 8270
QA/QC Surrogates							
% 2-Fluorobiphenyl	74		%	11/20/10		KCA	SW 8270
% Nitrobenzene-d5	75		%	11/20/10		KCA	SW 8270
% Terphenyl-d14	71		%	11/20/10		KCA	SW 8270

Project ID: 09-088-02E
Client ID: B6 0-2 FT

Phoenix I.D.: AZ79395

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
December 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

December 28, 2010

FOR: Attn: Mr. Ethan Stewart
Diversified Tech. Consultants
2321 Whitney Avenue 3rd floor
Hamden Center II
Hamden CT 06518

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		11/18/10	12:20
Location Code:	DTECHDAS	Received by:	SW	11/19/10	15:30
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GAZ79372
Phoenix ID: AZ79396

Project ID: 09-088-02E

Client ID: B6 4-6 FT

Parameter	Result	RL	Units	Date	Time	By	Reference
Arsenic	2.4	0.7	mg/Kg	11/23/10		LK	6010/200.7
Cadmium	< 0.36	0.36	mg/Kg	11/23/10		LK	6010/200.7
Chromium	17.2	0.36	mg/Kg	11/23/10		LK	6010/200.7
Mercury	< 0.07	0.07	mg/Kg	11/24/10		RS	SW-7471
Lead	11.0	0.36	mg/Kg	11/23/10		LK	6010/200.7
Percent Solid	83		%	11/19/10		JL	E160.3
Soil Extraction for PCB	Completed			11/22/10		FB/F	SW3545
Soil Extraction SVOA BN	Completed			11/19/10		SS/F	SW3545
Extraction of CT ETPH	Completed			11/19/10		SMS/F	3545
Mercury Digestion	Completed			11/22/10		X	SW7471
Total Metals Digest	Completed			11/22/10		AG	SW846 - 3050
Field Extraction	Completed			11/18/10		JOY	SW5035
Volatiles							
1,1,1,2-Tetrachloroethane	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
1,1,1-Trichloroethane	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
1,1,2,2-Tetrachloroethane	ND	3.6	ug/Kg	11/21/10		H/L	SW8260
1,1,2-Trichloroethane	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
1,1-Dichloroethane	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
1,1-Dichloroethene	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
1,1-Dichloropropene	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
1,2,3-Trichlorobenzene	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
1,2,3-Trichloropropane	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
1,2,4-Trichlorobenzene	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
1,2,4-Trimethylbenzene	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
1,2-Dibromo-3-chloropropane	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
1,2-Dichlorobenzene	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
1,2-Dichloroethane	ND	6.0	ug/Kg	11/21/10		H/L	SW8260

Project ID: 09-088-02E
Client ID: B6 4-6 FT

Phoenix I.D.: AZ79396

Parameter	Result	RL	Units	Date	Time	By	Reference
1,2-Dichloropropane	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
1,3,5-Trimethylbenzene	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
1,3-Dichlorobenzene	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
1,3-Dichloropropane	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
1,4-Dichlorobenzene	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
2,2-Dichloropropane	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
2-Chlorotoluene	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
2-Hexanone	ND	30	ug/Kg	11/21/10		H/L	SW8260
2-Isopropyltoluene	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
4-Chlorotoluene	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
4-Methyl-2-pentanone	ND	30	ug/Kg	11/21/10		H/L	SW8260
Acetone	ND	120	ug/Kg	11/21/10		H/L	SW8260
Acrylonitrile	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
Benzene	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
Bromobenzene	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
Bromochloromethane	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
Bromodichloromethane	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
Bromoform	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
Bromomethane	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
Carbon Disulfide	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
Carbon tetrachloride	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
Chlorobenzene	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
Chloroethane	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
Chloroform	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
Chloromethane	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
cis-1,2-Dichloroethene	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
cis-1,3-Dichloropropene	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
Dibromochloromethane	ND	3.6	ug/Kg	11/21/10		H/L	SW8260
Dibromoethane	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
Dibromomethane	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
Dichlorodifluoromethane	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
Ethylbenzene	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
Hexachlorobutadiene	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
Isopropylbenzene	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
m&p-Xylene	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
Methyl Ethyl Ketone	ND	36	ug/Kg	11/21/10		H/L	SW8260
Methyl t-butyl ether (MTBE)	ND	12	ug/Kg	11/21/10		H/L	SW8260
Methylene chloride	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
Naphthalene	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
n-Butylbenzene	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
n-Propylbenzene	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
o-Xylene	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
p-Isopropyltoluene	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
sec-Butylbenzene	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
Styrene	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
tert-Butylbenzene	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
Tetrachloroethene	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
Tetrahydrofuran (THF)	ND	12	ug/Kg	11/21/10		H/L	SW8260
Toluene	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
Total Xylenes	ND	6.0	ug/Kg	11/21/10		H/L	SW8260

Project ID: 09-088-02E
Client ID: B6 4-6 FT

Phoenix I.D.: AZ79396

Parameter	Result	RL	Units	Date	Time	By	Reference
trans-1,2-Dichloroethene	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
trans-1,3-Dichloropropene	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
trans-1,4-dichloro-2-butene	ND	12	ug/Kg	11/21/10		H/L	SW8260
Trichloroethene	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
Trichlorofluoromethane	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
Trichlorotrifluoroethane	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
Vinyl chloride	ND	6.0	ug/Kg	11/21/10		H/L	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	100		%	11/21/10		H/L	SW8260
% Bromofluorobenzene	93		%	11/21/10		H/L	SW8260
% Dibromofluoromethane	97		%	11/21/10		H/L	SW8260
% Toluene-d8	96		%	11/21/10		H/L	SW8260
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	12	mg/Kg	11/22/10		JRB	CT ETPH/8015
Identification	ND		mg/Kg	11/22/10		JRB	CT ETPH/8015
QA/QC Surrogates							
% n-Pentacosane	148		%	11/22/10		JRB	CT ETPH/8015
Polychlorinated Biphenyls							
PCB-1016	ND	400	ug/Kg	11/29/10		MH	SW 8082
PCB-1221	ND	400	ug/Kg	11/29/10		MH	SW 8082
PCB-1232	ND	400	ug/Kg	11/29/10		MH	SW 8082
PCB-1242	ND	400	ug/Kg	11/29/10		MH	SW 8082
PCB-1248	ND	400	ug/Kg	11/29/10		MH	SW 8082
PCB-1254	ND	400	ug/Kg	11/29/10		MH	SW 8082
PCB-1260	ND	400	ug/Kg	11/29/10		MH	SW 8082
PCB-1262	ND	400	ug/Kg	11/29/10		MH	SW 8082
PCB-1268	ND	400	ug/Kg	11/29/10		MH	SW 8082
QA/QC Surrogates							
% DCBP	87		%	11/29/10		MH	SW 8082
% TCMX	81		%	11/29/10		MH	SW 8082
Polynuclear Aromatic HC							
2-Methylnaphthalene	ND	270	ug/Kg	11/20/10		KCA	SW 8270
Acenaphthene	ND	270	ug/Kg	11/20/10		KCA	SW 8270
Acenaphthylene	ND	270	ug/Kg	11/20/10		KCA	SW 8270
Anthracene	ND	270	ug/Kg	11/20/10		KCA	SW 8270
Benz(a)anthracene	1100	270	ug/Kg	11/20/10		KCA	SW 8270
Benzo(a)pyrene	1100	270	ug/Kg	11/20/10		KCA	SW 8270
Benzo(b)fluoranthene	1600	270	ug/Kg	11/20/10		KCA	SW 8270
Benzo(ghi)perylene	700	270	ug/Kg	11/20/10		KCA	SW 8270
Benzo(k)fluoranthene	590	270	ug/Kg	11/20/10		KCA	SW 8270
Chrysene	1100	270	ug/Kg	11/20/10		KCA	SW 8270
Dibenz(a,h)anthracene	ND	270	ug/Kg	11/20/10		KCA	SW 8270
Fluoranthene	1000	270	ug/Kg	11/20/10		KCA	SW 8270
Fluorene	ND	270	ug/Kg	11/20/10		KCA	SW 8270
Indeno(1,2,3-cd)pyrene	610	270	ug/Kg	11/20/10		KCA	SW 8270
Naphthalene	ND	270	ug/Kg	11/20/10		KCA	SW 8270
Phenanthrene	ND	270	ug/Kg	11/20/10		KCA	SW 8270

Project ID: 09-088-02E
Client ID: B6 4-6 FT

Phoenix I.D.: AZ79396

Parameter	Result	RL	Units	Date	Time	By	Reference
Pyrene	900	270	ug/Kg	11/20/10		KCA	SW 8270
QA/QC Surrogates							
% 2-Fluorobiphenyl	62		%	11/20/10		KCA	SW 8270
% Nitrobenzene-d5	67		%	11/20/10		KCA	SW 8270
% Terphenyl-d14	62		%	11/20/10		KCA	SW 8270

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
December 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

December 28, 2010

FOR: Attn: Mr. Ethan Stewart
Diversified Tech. Consultants
2321 Whitney Avenue 3rd floor
Hamden Center II
Hamden CT 06518

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		11/18/10	12:25
Location Code:	DTECHDAS	Received by:	SW	11/19/10	15:30
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GAZ79372
Phoenix ID: AZ79397

Project ID: 09-088-02E

Client ID: B6 6-7.5 FT

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	83		%	12/02/10		JL	E160.3
Soil Extraction SVOA BN	Completed			12/02/10		FS/F	SW3545
Polynuclear Aromatic HC							
2-Methylnaphthalene	ND	280	ug/Kg	12/03/10		KCA	SW 8270
Acenaphthene	ND	280	ug/Kg	12/03/10		KCA	SW 8270
Acenaphthylene	ND	280	ug/Kg	12/03/10		KCA	SW 8270
Anthracene	ND	280	ug/Kg	12/03/10		KCA	SW 8270
Benz(a)anthracene	ND	280	ug/Kg	12/03/10		KCA	SW 8270
Benzo(a)pyrene	ND	280	ug/Kg	12/03/10		KCA	SW 8270
Benzo(b)fluoranthene	ND	280	ug/Kg	12/03/10		KCA	SW 8270
Benzo(ghi)perylene	ND	280	ug/Kg	12/03/10		KCA	SW 8270
Benzo(k)fluoranthene	ND	280	ug/Kg	12/03/10		KCA	SW 8270
Chrysene	ND	280	ug/Kg	12/03/10		KCA	SW 8270
Dibenz(a,h)anthracene	ND	280	ug/Kg	12/03/10		KCA	SW 8270
Fluoranthene	ND	280	ug/Kg	12/03/10		KCA	SW 8270
Fluorene	ND	280	ug/Kg	12/03/10		KCA	SW 8270
Indeno(1,2,3-cd)pyrene	ND	280	ug/Kg	12/03/10		KCA	SW 8270
Naphthalene	ND	280	ug/Kg	12/03/10		KCA	SW 8270
Phenanthrene	ND	280	ug/Kg	12/03/10		KCA	SW 8270
Pyrene	ND	280	ug/Kg	12/03/10		KCA	SW 8270
QA/QC Surrogates							
% 2-Fluorobiphenyl	81		%	12/03/10		KCA	SW 8270
% Nitrobenzene-d5	79		%	12/03/10		KCA	SW 8270
% Terphenyl-d14	82		%	12/03/10		KCA	SW 8270

Project ID: 09-088-02E
Client ID: B6 6-7.5 FT

Phoenix I.D.: AZ79397

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

Phyllis Shiller, Laboratory Director
December 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

December 28, 2010

FOR: Attn: Mr. Ethan Stewart
Diversified Tech. Consultants
2321 Whitney Avenue 3rd floor
Hamden Center II
Hamden CT 06518

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		11/18/10	12:35
Location Code:	DTECHDAS	Received by:	SW	11/19/10	15:30
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GAZ79372
Phoenix ID: AZ79398

Project ID: 09-088-02E

Client ID: B6 8-10 FT

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
December 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

December 28, 2010

FOR: Attn: Mr. Ethan Stewart
Diversified Tech. Consultants
2321 Whitney Avenue 3rd floor
Hamden Center II
Hamden CT 06518

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		11/18/10	13:05
Location Code:	DTECHDAS	Received by:	SW	11/19/10	15:30
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GAZ79372
Phoenix ID: AZ79399

Project ID: 09-088-02E

Client ID: B4 0-2 FT

Parameter	Result	RL	Units	Date	Time	By	Reference
Arsenic	2.4	0.7	mg/Kg	11/23/10		LK	6010/200.7
Cadmium	< 0.37	0.37	mg/Kg	11/23/10		LK	6010/200.7
Chromium	16.3	0.37	mg/Kg	11/23/10		LK	6010/200.7
Mercury	0.11	0.07	mg/Kg	11/24/10		RS	SW-7471
Lead	60.8	0.37	mg/Kg	11/23/10		LK	6010/200.7
Percent Solid	86		%	11/19/10		JL	E160.3
Soil Extraction for PCB	Completed			11/19/10		BSB	SW3545
Soil Extraction for Pesticide	Completed			11/19/10		BSB/F	SW3545
Soil Extraction SVOA BN	Completed			11/19/10		SS/F	SW3545
Extraction of CT ETPH	Completed			11/19/10		SMS/F	3545
Mercury Digestion	Completed			11/22/10		X	SW7471
Soil Extraction for Herbicide	Completed			11/20/10		J/E	SW8151
SPLP Extraction for Organics	Completed			12/02/10		X	EPA1312
SPLP Pesticides Ext. (2 Liter to 1ml)	Completed			12/03/10		F/D	SW3510/3520
Total Metals Digest	Completed			11/22/10		AG	SW846 - 3050
Field Extraction	Completed			11/18/10		JOY	SW5035
SPLP Pesticides (GA Criteria)							
4,4'-DDD	ND	0.1	ug/L	12/08/10		MH	SW8081
4,4'-DDE	ND	0.1	ug/L	12/08/10		MH	SW8081
4,4'-DDT	ND	0.1	ug/L	12/08/10		MH	SW8081
a-BHC	ND	0.05	ug/L	12/08/10		MH	SW8081
Aldrin	ND	0.003	ug/L	12/08/10		MH	SW8081
b-BHC	ND	0.01	ug/L	12/08/10		MH	SW8081
Chlordane	ND	0.3	ug/L	12/08/10		MH	SW8081
d-BHC	ND	0.05	ug/L	12/08/10		MH	SW8081
Dieldrin	ND	0.002	ug/L	12/08/10		MH	SW8081
Endosulfan I	ND	0.05	ug/L	12/08/10		MH	SW8081

Project ID: 09-088-02E
Client ID: B4 0-2 FT

Phoenix I.D.: AZ79399

Parameter	Result	RL	Units	Date	Time	By	Reference
Endosulfan II	ND	0.1	ug/L	12/08/10		MH	SW8081
Endosulfan sulfate	ND	0.1	ug/L	12/08/10		MH	SW8081
Endrin	ND	0.1	ug/L	12/08/10		MH	SW8081
Endrin aldehyde	ND	0.1	ug/L	12/08/10		MH	SW8081
g-BHC	ND	0.05	ug/L	12/08/10		MH	SW8081
Heptachlor	ND	0.05	ug/L	12/08/10		MH	SW8081
Heptachlor epoxide	ND	0.05	ug/L	12/08/10		MH	SW8081
Methoxychlor	ND	0.2	ug/L	12/08/10		MH	SW8081
Toxaphene	ND	1.0	ug/L	12/08/10		MH	SW8081
QA/QC Surrogates							
%DCBP (Surrogae Rec)	Interference		%	12/08/10		MH	SW8081
%TCMX (Surrogate Rec)	114		%	12/08/10		MH	SW8081
Chlorinated Herbicides							
2,4,5-T	ND	120	ug/Kg	11/22/10		JRB	SW8151
2,4,5-TP (Silvex)	ND	120	ug/Kg	11/22/10		JRB	SW8151
2,4-D	ND	120	ug/Kg	11/22/10		JRB	SW8151
2,4-DB	ND	1200	ug/Kg	11/22/10		JRB	SW8151
Dalapon	ND	580	ug/Kg	11/22/10		JRB	SW8151
Dicamba	ND	350	ug/Kg	11/22/10		JRB	SW8151
Dichloroprop	ND	120	ug/Kg	11/22/10		JRB	SW8151
Dinoseb	ND	230	ug/Kg	11/22/10		JRB	SW8151
QA/QC Surrogates							
% DCAA	81		%	11/22/10		JRB	SW8151
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
1,1,1-Trichloroethane	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
1,1,2,2-Tetrachloroethane	ND	3.5	ug/Kg	11/22/10		H/L	SW8260
1,1,2-Trichloroethane	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
1,1-Dichloroethane	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
1,1-Dichloroethene	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
1,1-Dichloropropene	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
1,2,3-Trichlorobenzene	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
1,2,3-Trichloropropane	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
1,2,4-Trichlorobenzene	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
1,2,4-Trimethylbenzene	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
1,2-Dibromo-3-chloropropane	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
1,2-Dichlorobenzene	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
1,2-Dichloroethane	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
1,2-Dichloropropane	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
1,3,5-Trimethylbenzene	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
1,3-Dichlorobenzene	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
1,3-Dichloropropane	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
1,4-Dichlorobenzene	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
2,2-Dichloropropane	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
2-Chlorotoluene	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
2-Hexanone	ND	29	ug/Kg	11/22/10		H/L	SW8260
2-Isopropyltoluene	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
4-Chlorotoluene	ND	5.8	ug/Kg	11/22/10		H/L	SW8260

Project ID: 09-088-02E
Client ID: B4 0-2 FT

Phoenix I.D.: AZ79399

Parameter	Result	RL	Units	Date	Time	By	Reference
4-Methyl-2-pentanone	ND	29	ug/Kg	11/22/10		H/L	SW8260
Acetone	ND	120	ug/Kg	11/22/10		H/L	SW8260
Acrylonitrile	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
Benzene	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
Bromobenzene	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
Bromochloromethane	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
Bromodichloromethane	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
Bromoform	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
Bromomethane	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
Carbon Disulfide	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
Carbon tetrachloride	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
Chlorobenzene	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
Chloroethane	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
Chloroform	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
Chloromethane	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
cis-1,2-Dichloroethene	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
cis-1,3-Dichloropropene	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
Dibromochloromethane	ND	3.5	ug/Kg	11/22/10		H/L	SW8260
Dibromoethane	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
Dibromomethane	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
Dichlorodifluoromethane	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
Ethylbenzene	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
Hexachlorobutadiene	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
Isopropylbenzene	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
m&p-Xylene	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
Methyl Ethyl Ketone	ND	35	ug/Kg	11/22/10		H/L	SW8260
Methyl t-butyl ether (MTBE)	ND	12	ug/Kg	11/22/10		H/L	SW8260
Methylene chloride	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
Naphthalene	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
n-Butylbenzene	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
n-Propylbenzene	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
o-Xylene	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
p-Isopropyltoluene	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
sec-Butylbenzene	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
Styrene	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
tert-Butylbenzene	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
Tetrachloroethene	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
Tetrahydrofuran (THF)	ND	12	ug/Kg	11/22/10		H/L	SW8260
Toluene	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
Total Xylenes	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
trans-1,2-Dichloroethene	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
trans-1,3-Dichloropropene	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
trans-1,4-dichloro-2-butene	ND	12	ug/Kg	11/22/10		H/L	SW8260
Trichloroethene	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
Trichlorofluoromethane	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
Trichlorotrifluoroethane	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
Vinyl chloride	ND	5.8	ug/Kg	11/22/10		H/L	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	97		%	11/22/10		H/L	SW8260
% Bromofluorobenzene	86		%	11/22/10		H/L	SW8260

Project ID: 09-088-02E
Client ID: B4 0-2 FT

Phoenix I.D.: AZ79399

Parameter	Result	RL	Units	Date	Time	By	Reference
% Dibromofluoromethane	105		%	11/22/10		H/L	SW8260
% Toluene-d8	97		%	11/22/10		H/L	SW8260
TPH by GC (Extractable Products)							
Ext. Petroleum HC	17	11	mg/Kg	11/23/10		JRB	CT ETPH/8015
Identification	**		mg/Kg	11/23/10		JRB	CT ETPH/8015
QA/QC Surrogates							
% n-Pentacosane	79		%	11/23/10		JRB	CT ETPH/8015
Polychlorinated Biphenyls							
PCB-1016	ND	380	ug/Kg	11/23/10		MH	SW 8082
PCB-1221	ND	380	ug/Kg	11/23/10		MH	SW 8082
PCB-1232	ND	380	ug/Kg	11/23/10		MH	SW 8082
PCB-1242	ND	380	ug/Kg	11/23/10		MH	SW 8082
PCB-1248	ND	380	ug/Kg	11/23/10		MH	SW 8082
PCB-1254	ND	380	ug/Kg	11/23/10		MH	SW 8082
PCB-1260	ND	380	ug/Kg	11/23/10		MH	SW 8082
PCB-1262	ND	380	ug/Kg	11/23/10		MH	SW 8082
PCB-1268	ND	380	ug/Kg	11/23/10		MH	SW 8082
QA/QC Surrogates							
% DCBP	98		%	11/23/10		MH	SW 8082
% TCMX	80		%	11/23/10		MH	SW 8082
Pesticides							
4,4' -DDD	ND	7.3	ug/Kg	11/24/10		KCA	SW8081
4,4' -DDE	ND	7.3	ug/Kg	11/24/10		KCA	SW8081
4,4' -DDT	ND	7.3	ug/Kg	11/24/10		KCA	SW8081
a-BHC	ND	3.7	ug/Kg	11/24/10		KCA	SW8081
Alachlor	ND	3.7	ug/Kg	11/24/10		KCA	SW8081
Aldrin	ND	1.1	ug/Kg	11/24/10		KCA	SW8081
b-BHC	ND	3.7	ug/Kg	11/24/10		KCA	SW8081
Chlordane	110	11	ug/Kg	11/24/10		KCA	SW8081
d-BHC	ND	3.7	ug/Kg	11/24/10		KCA	SW8081
Dieldrin	ND	1.1	ug/Kg	11/24/10		KCA	SW8081
Endosulfan I	ND	3.7	ug/Kg	11/24/10		KCA	SW8081
Endosulfan II	ND	7.3	ug/Kg	11/24/10		KCA	SW8081
Endosulfan sulfate	ND	7.3	ug/Kg	11/24/10		KCA	SW8081
Endrin	ND	7.3	ug/Kg	11/24/10		KCA	SW8081
Endrin aldehyde	ND	7.3	ug/Kg	11/24/10		KCA	SW8081
Endrin ketone	ND	7.3	ug/Kg	11/24/10		KCA	SW8081
g-BHC	ND	1.1	ug/Kg	11/24/10		KCA	SW8081
Heptachlor	ND	2.3	ug/Kg	11/24/10		KCA	SW8081
Heptachlor epoxide	ND	3.7	ug/Kg	11/24/10		KCA	SW8081
Methoxychlor	ND	37	ug/Kg	11/24/10		KCA	SW8081
Toxaphene	ND	37	ug/Kg	11/24/10		KCA	SW8081
QA/QC Surrogates							
% DCBP	82		%	11/24/10		KCA	SW8081
% TCMX	65		%	11/24/10		KCA	SW8081

Project ID: 09-088-02E
Client ID: B4 0-2 FT

Phoenix I.D.: AZ79399

Parameter	Result	RL	Units	Date	Time	By	Reference
Polynuclear Aromatic HC							
2-Methylnaphthalene	ND	540	ug/Kg	11/20/10		KCA	SW 8270
Acenaphthene	ND	540	ug/Kg	11/20/10		KCA	SW 8270
Acenaphthylene	ND	540	ug/Kg	11/20/10		KCA	SW 8270
Anthracene	ND	540	ug/Kg	11/20/10		KCA	SW 8270
Benz(a)anthracene	ND	540	ug/Kg	11/20/10		KCA	SW 8270
Benzo(a)pyrene	ND	540	ug/Kg	11/20/10		KCA	SW 8270
Benzo(b)fluoranthene	ND	540	ug/Kg	11/20/10		KCA	SW 8270
Benzo(ghi)perylene	ND	540	ug/Kg	11/20/10		KCA	SW 8270
Benzo(k)fluoranthene	ND	540	ug/Kg	11/20/10		KCA	SW 8270
Chrysene	ND	540	ug/Kg	11/20/10		KCA	SW 8270
Dibenz(a,h)anthracene	ND	540	ug/Kg	11/20/10		KCA	SW 8270
Fluoranthene	ND	540	ug/Kg	11/20/10		KCA	SW 8270
Fluorene	ND	540	ug/Kg	11/20/10		KCA	SW 8270
Indeno(1,2,3-cd)pyrene	ND	540	ug/Kg	11/20/10		KCA	SW 8270
Naphthalene	ND	540	ug/Kg	11/20/10		KCA	SW 8270
Phenanthrene	ND	540	ug/Kg	11/20/10		KCA	SW 8270
Pyrene	ND	540	ug/Kg	11/20/10		KCA	SW 8270
QA/QC Surrogates							
% 2-Fluorobiphenyl	82		%	11/20/10		KCA	SW 8270
% Nitrobenzene-d5	87		%	11/20/10		KCA	SW 8270
% Terphenyl-d14	72		%	11/20/10		KCA	SW 8270

Comments:

**This sample was quantitated against a C9-C36 aliphatic standard. It is not a perfect match with any petroleum hydrocarbon patterns, but most closely resembles a pattern in the C18 to C36 range.

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
December 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

December 28, 2010

FOR: Attn: Mr. Ethan Stewart
Diversified Tech. Consultants
2321 Whitney Avenue 3rd floor
Hamden Center II
Hamden CT 06518

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		11/18/10	13:10
Location Code:	DTECHDAS	Received by:	SW	11/19/10	15:30
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GAZ79372
Phoenix ID: AZ79400

Project ID: 09-088-02E

Client ID: B4 2-3.5 FT

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	88		%	12/02/10		JL	E160.3
Soil Extraction for Pesticide	Completed			12/02/10		FB/F	SW3545
Pesticides							
4,4' -DDD	ND	7.2	ug/Kg	12/07/10		MH	SW8081
4,4' -DDE	ND	7.2	ug/Kg	12/07/10		MH	SW8081
4,4' -DDT	ND	7.2	ug/Kg	12/07/10		MH	SW8081
a-BHC	ND	3.6	ug/Kg	12/07/10		MH	SW8081
Alachlor	ND	3.6	ug/Kg	12/07/10		MH	SW8081
Aldrin	ND	1.1	ug/Kg	12/07/10		MH	SW8081
b-BHC	ND	3.6	ug/Kg	12/07/10		MH	SW8081
Chlordane	ND	11	ug/Kg	12/07/10		MH	SW8081
d-BHC	ND	3.6	ug/Kg	12/07/10		MH	SW8081
Dieldrin	ND	1.1	ug/Kg	12/07/10		MH	SW8081
Endosulfan I	ND	3.6	ug/Kg	12/07/10		MH	SW8081
Endosulfan II	ND	7.2	ug/Kg	12/07/10		MH	SW8081
Endosulfan sulfate	ND	7.2	ug/Kg	12/07/10		MH	SW8081
Endrin	ND	7.2	ug/Kg	12/07/10		MH	SW8081
Endrin aldehyde	ND	7.2	ug/Kg	12/07/10		MH	SW8081
Endrin ketone	ND	7.2	ug/Kg	12/07/10		MH	SW8081
g-BHC	ND	1.1	ug/Kg	12/07/10		MH	SW8081
Heptachlor	ND	2.3	ug/Kg	12/07/10		MH	SW8081
Heptachlor epoxide	ND	3.6	ug/Kg	12/07/10		MH	SW8081
Methoxychlor	ND	36	ug/Kg	12/07/10		MH	SW8081
Toxaphene	ND	36	ug/Kg	12/07/10		MH	SW8081
QA/QC Surrogates							
% DCBP	102		%	12/07/10		MH	SW8081
% TCMX	76		%	12/07/10		MH	SW8081

Project ID: 09-088-02E
Client ID: B4 2-3.5 FT

Phoenix I.D.: AZ79400

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.

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December 28, 2010

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

December 28, 2010

FOR: Attn: Mr. Ethan Stewart
Diversified Tech. Consultants
2321 Whitney Avenue 3rd floor
Hamden Center II
Hamden CT 06518

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		11/18/10	13:20
Location Code:	DTECHDAS	Received by:	SW	11/19/10	15:30
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GAZ79372
Phoenix ID: AZ79401

Project ID: 09-088-02E

Client ID: B4 4-6 FT

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.

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Phyllis Shiller, Laboratory Director
December 28, 2010

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

December 28, 2010

FOR: Attn: Mr. Ethan Stewart
Diversified Tech. Consultants
2321 Whitney Avenue 3rd floor
Hamden Center II
Hamden CT 06518

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		11/18/10	13:25
Location Code:	DTECHDAS	Received by:	SW	11/19/10	15:30
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GAZ79372
Phoenix ID: AZ79402

Project ID: 09-088-02E
Client ID: B4 6-8 FT

Parameter	Result	RL	Units	Date	Time	By	Reference
Arsenic	4.2	0.7	mg/Kg	11/23/10		LK	6010/200.7
Cadmium	< 0.37	0.37	mg/Kg	11/23/10		LK	6010/200.7
Chromium	28.9	0.37	mg/Kg	11/23/10		LK	6010/200.7
Mercury	< 0.07	0.07	mg/Kg	11/24/10		RS	SW-7471
Lead	13.7	0.37	mg/Kg	11/23/10		LK	6010/200.7
Percent Solid	86		%	11/19/10		JL	E160.3
Soil Extraction for PCB	Completed			11/19/10		BSB/F	SW3545
Soil Extraction SVOA BN	Completed			11/19/10		SS/F	SW3545
Extraction of CT ETPH	Completed			11/19/10		SMS/F	3545
Mercury Digestion	Completed			11/22/10		X	SW7471
Total Metals Digest	Completed			11/22/10		AG	SW846 - 3050
Field Extraction	Completed			11/18/10		JOY	SW5035
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.8	ug/Kg	11/21/10		H/L	SW8260
1,1,1-Trichloroethane	ND	5.8	ug/Kg	11/21/10		H/L	SW8260
1,1,2,2-Tetrachloroethane	ND	3.5	ug/Kg	11/21/10		H/L	SW8260
1,1,2-Trichloroethane	ND	5.8	ug/Kg	11/21/10		H/L	SW8260
1,1-Dichloroethane	ND	5.8	ug/Kg	11/21/10		H/L	SW8260
1,1-Dichloroethene	ND	5.8	ug/Kg	11/21/10		H/L	SW8260
1,1-Dichloropropene	ND	5.8	ug/Kg	11/21/10		H/L	SW8260
1,2,3-Trichlorobenzene	ND	5.8	ug/Kg	11/21/10		H/L	SW8260
1,2,3-Trichloropropane	ND	5.8	ug/Kg	11/21/10		H/L	SW8260
1,2,4-Trichlorobenzene	ND	5.8	ug/Kg	11/21/10		H/L	SW8260
1,2,4-Trimethylbenzene	ND	5.8	ug/Kg	11/21/10		H/L	SW8260
1,2-Dibromo-3-chloropropane	ND	5.8	ug/Kg	11/21/10		H/L	SW8260
1,2-Dichlorobenzene	ND	5.8	ug/Kg	11/21/10		H/L	SW8260
1,2-Dichloroethane	ND	5.8	ug/Kg	11/21/10		H/L	SW8260

Project ID: 09-088-02E
Client ID: B4 6-8 FT

Phoenix I.D.: AZ79402

Parameter	Result	RL	Units	Date	Time	By	Reference
1,2-Dichloropropane	ND	5.8	ug/Kg	11/21/10		H/L	SW8260
1,3,5-Trimethylbenzene	ND	5.8	ug/Kg	11/21/10		H/L	SW8260
1,3-Dichlorobenzene	ND	5.8	ug/Kg	11/21/10		H/L	SW8260
1,3-Dichloropropane	ND	5.8	ug/Kg	11/21/10		H/L	SW8260
1,4-Dichlorobenzene	ND	5.8	ug/Kg	11/21/10		H/L	SW8260
2,2-Dichloropropane	ND	5.8	ug/Kg	11/21/10		H/L	SW8260
2-Chlorotoluene	ND	5.8	ug/Kg	11/21/10		H/L	SW8260
2-Hexanone	ND	29	ug/Kg	11/21/10		H/L	SW8260
2-Isopropyltoluene	ND	5.8	ug/Kg	11/21/10		H/L	SW8260
4-Chlorotoluene	ND	5.8	ug/Kg	11/21/10		H/L	SW8260
4-Methyl-2-pentanone	ND	29	ug/Kg	11/21/10		H/L	SW8260
Acetone	ND	120	ug/Kg	11/21/10		H/L	SW8260
Acrylonitrile	ND	5.8	ug/Kg	11/21/10		H/L	SW8260
Benzene	ND	5.8	ug/Kg	11/21/10		H/L	SW8260
Bromobenzene	ND	5.8	ug/Kg	11/21/10		H/L	SW8260
Bromochloromethane	ND	5.8	ug/Kg	11/21/10		H/L	SW8260
Bromodichloromethane	ND	5.8	ug/Kg	11/21/10		H/L	SW8260
Bromoform	ND	5.8	ug/Kg	11/21/10		H/L	SW8260
Bromomethane	ND	5.8	ug/Kg	11/21/10		H/L	SW8260
Carbon Disulfide	ND	5.8	ug/Kg	11/21/10		H/L	SW8260
Carbon tetrachloride	ND	5.8	ug/Kg	11/21/10		H/L	SW8260
Chlorobenzene	ND	5.8	ug/Kg	11/21/10		H/L	SW8260
Chloroethane	ND	5.8	ug/Kg	11/21/10		H/L	SW8260
Chloroform	ND	5.8	ug/Kg	11/21/10		H/L	SW8260
Chloromethane	ND	5.8	ug/Kg	11/21/10		H/L	SW8260
cis-1,2-Dichloroethene	ND	5.8	ug/Kg	11/21/10		H/L	SW8260
cis-1,3-Dichloropropene	ND	5.8	ug/Kg	11/21/10		H/L	SW8260
Dibromochloromethane	ND	3.5	ug/Kg	11/21/10		H/L	SW8260
Dibromoethane	ND	5.8	ug/Kg	11/21/10		H/L	SW8260
Dibromomethane	ND	5.8	ug/Kg	11/21/10		H/L	SW8260
Dichlorodifluoromethane	ND	5.8	ug/Kg	11/21/10		H/L	SW8260
Ethylbenzene	ND	5.8	ug/Kg	11/21/10		H/L	SW8260
Hexachlorobutadiene	ND	5.8	ug/Kg	11/21/10		H/L	SW8260
Isopropylbenzene	ND	5.8	ug/Kg	11/21/10		H/L	SW8260
m&p-Xylene	ND	5.8	ug/Kg	11/21/10		H/L	SW8260
Methyl Ethyl Ketone	ND	35	ug/Kg	11/21/10		H/L	SW8260
Methyl t-butyl ether (MTBE)	ND	12	ug/Kg	11/21/10		H/L	SW8260
Methylene chloride	ND	5.8	ug/Kg	11/21/10		H/L	SW8260
Naphthalene	ND	5.8	ug/Kg	11/21/10		H/L	SW8260
n-Butylbenzene	ND	5.8	ug/Kg	11/21/10		H/L	SW8260
n-Propylbenzene	ND	5.8	ug/Kg	11/21/10		H/L	SW8260
o-Xylene	ND	5.8	ug/Kg	11/21/10		H/L	SW8260
p-Isopropyltoluene	ND	5.8	ug/Kg	11/21/10		H/L	SW8260
sec-Butylbenzene	ND	5.8	ug/Kg	11/21/10		H/L	SW8260
Styrene	ND	5.8	ug/Kg	11/21/10		H/L	SW8260
tert-Butylbenzene	ND	5.8	ug/Kg	11/21/10		H/L	SW8260
Tetrachloroethene	ND	5.8	ug/Kg	11/21/10		H/L	SW8260
Tetrahydrofuran (THF)	ND	12	ug/Kg	11/21/10		H/L	SW8260
Toluene	ND	5.8	ug/Kg	11/21/10		H/L	SW8260
Total Xylenes	ND	5.8	ug/Kg	11/21/10		H/L	SW8260

Project ID: 09-088-02E
Client ID: B4 6-8 FT

Phoenix I.D.: AZ79402

Parameter	Result	RL	Units	Date	Time	By	Reference
trans-1,2-Dichloroethene	ND	5.8	ug/Kg	11/21/10		H/L	SW8260
trans-1,3-Dichloropropene	ND	5.8	ug/Kg	11/21/10		H/L	SW8260
trans-1,4-dichloro-2-butene	ND	12	ug/Kg	11/21/10		H/L	SW8260
Trichloroethene	ND	5.8	ug/Kg	11/21/10		H/L	SW8260
Trichlorofluoromethane	ND	5.8	ug/Kg	11/21/10		H/L	SW8260
Trichlorotrifluoroethane	ND	5.8	ug/Kg	11/21/10		H/L	SW8260
Vinyl chloride	ND	5.8	ug/Kg	11/21/10		H/L	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	102		%	11/21/10		H/L	SW8260
% Bromofluorobenzene	95		%	11/21/10		H/L	SW8260
% Dibromofluoromethane	100		%	11/21/10		H/L	SW8260
% Toluene-d8	94		%	11/21/10		H/L	SW8260
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	12	mg/Kg	11/22/10		JRB	CT ETPH/8015
Identification	ND		mg/Kg	11/22/10		JRB	CT ETPH/8015
QA/QC Surrogates							
% n-Pentacosane	85		%	11/22/10		JRB	CT ETPH/8015
Polychlorinated Biphenyls							
PCB-1016	ND	380	ug/Kg	11/23/10		MH	SW 8082
PCB-1221	ND	380	ug/Kg	11/23/10		MH	SW 8082
PCB-1232	ND	380	ug/Kg	11/23/10		MH	SW 8082
PCB-1242	ND	380	ug/Kg	11/23/10		MH	SW 8082
PCB-1248	ND	380	ug/Kg	11/23/10		MH	SW 8082
PCB-1254	ND	380	ug/Kg	11/23/10		MH	SW 8082
PCB-1260	ND	380	ug/Kg	11/23/10		MH	SW 8082
PCB-1262	ND	380	ug/Kg	11/23/10		MH	SW 8082
PCB-1268	ND	380	ug/Kg	11/23/10		MH	SW 8082
QA/QC Surrogates							
% DCBP	112		%	11/23/10		MH	SW 8082
% TCMX	83		%	11/23/10		MH	SW 8082
Polynuclear Aromatic HC							
2-Methylnaphthalene	ND	270	ug/Kg	11/20/10		KCA	SW 8270
Acenaphthene	ND	270	ug/Kg	11/20/10		KCA	SW 8270
Acenaphthylene	ND	270	ug/Kg	11/20/10		KCA	SW 8270
Anthracene	ND	270	ug/Kg	11/20/10		KCA	SW 8270
Benz(a)anthracene	ND	270	ug/Kg	11/20/10		KCA	SW 8270
Benzo(a)pyrene	ND	270	ug/Kg	11/20/10		KCA	SW 8270
Benzo(b)fluoranthene	ND	270	ug/Kg	11/20/10		KCA	SW 8270
Benzo(ghi)perylene	ND	270	ug/Kg	11/20/10		KCA	SW 8270
Benzo(k)fluoranthene	ND	270	ug/Kg	11/20/10		KCA	SW 8270
Chrysene	ND	270	ug/Kg	11/20/10		KCA	SW 8270
Dibenz(a,h)anthracene	ND	270	ug/Kg	11/20/10		KCA	SW 8270
Fluoranthene	ND	270	ug/Kg	11/20/10		KCA	SW 8270
Fluorene	ND	270	ug/Kg	11/20/10		KCA	SW 8270
Indeno(1,2,3-cd)pyrene	ND	270	ug/Kg	11/20/10		KCA	SW 8270
Naphthalene	ND	270	ug/Kg	11/20/10		KCA	SW 8270
Phenanthrene	ND	270	ug/Kg	11/20/10		KCA	SW 8270

Project ID: 09-088-02E
Client ID: B4 6-8 FT

Phoenix I.D.: AZ79402

Parameter	Result	RL	Units	Date	Time	By	Reference
Pyrene	ND	270	ug/Kg	11/20/10		KCA	SW 8270
QA/QC Surrogates							
% 2-Fluorobiphenyl	80		%	11/20/10		KCA	SW 8270
% Nitrobenzene-d5	77		%	11/20/10		KCA	SW 8270
% Terphenyl-d14	76		%	11/20/10		KCA	SW 8270

Comments:

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Phyllis Shiller, Laboratory Director
December 28, 2010

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ACCREDITED IN ACCORDANCE WITH nelac
NY # 11301

Analysis Report

December 28, 2010

FOR: Attn: Mr. Ethan Stewart
Diversified Tech. Consultants
2321 Whitney Avenue 3rd floor
Hamden Center II
Hamden CT 06518

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		11/18/10	13:40
Location Code:	DTECHDAS	Received by:	SW	11/19/10	15:30
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GAZ79372
Phoenix ID: AZ79403

Project ID: 09-088-02E
Client ID: B4 8-10 FT

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.
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December 28, 2010

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Analysis Report

December 28, 2010

FOR: Attn: Mr. Ethan Stewart
Diversified Tech. Consultants
2321 Whitney Avenue 3rd floor
Hamden Center II
Hamden CT 06518

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		11/18/10	13:50
Location Code:	DTECHDAS	Received by:	SW	11/19/10	15:30
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GAZ79372
Phoenix ID: AZ79404

Project ID: 09-088-02E

Client ID: B4 12-14 FT

Parameter	Result	RL	Units	Date	Time	By	Reference
On Hold	Pending						

Comments:

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December 28, 2010

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Analysis Report

December 28, 2010

FOR: Attn: Mr. Ethan Stewart
Diversified Tech. Consultants
2321 Whitney Avenue 3rd floor
Hamden Center II
Hamden CT 06518

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		11/18/10	13:55
Location Code:	DTECHDAS	Received by:	SW	11/19/10	15:30
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GAZ79372
Phoenix ID: AZ79405

Project ID: 09-088-02E

Client ID: B4 14-16 FT

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.

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Analysis Report

December 28, 2010

FOR: Attn: Mr. Ethan Stewart
Diversified Tech. Consultants
2321 Whitney Avenue 3rd floor
Hamden Center II
Hamden CT 06518

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		11/18/10	14:20
Location Code:	DTECHDAS	Received by:	SW	11/19/10	15:30
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GAZ79372
Phoenix ID: AZ79406

Project ID: 09-088-02E

Client ID: B5 0-2 FT

Parameter	Result	RL	Units	Date	Time	By	Reference
Arsenic	3.3	0.7	mg/Kg	11/23/10		LK	6010/200.7
Cadmium	< 0.36	0.36	mg/Kg	11/23/10		LK	6010/200.7
Chromium	20.8	0.36	mg/Kg	11/23/10		LK	6010/200.7
Mercury	< 0.09	0.09	mg/Kg	11/24/10		RS	SW-7471
Lead	15.7	0.36	mg/Kg	11/23/10		LK	6010/200.7
Percent Solid	88		%	11/19/10		JL	E160.3
Soil Extraction for PCB	Completed			11/19/10		BSB	SW3545
Soil Extraction for Pesticide	Completed			11/19/10		BSB/F	SW3545
Soil Extraction SVOA BN	Completed			11/19/10		SS/F	SW3545
Extraction of CT ETPH	Completed			11/19/10		SMS/F	3545
Mercury Digestion	Completed			11/22/10		X	SW7471
Soil Extraction for Herbicide	Completed			11/20/10		J/E	SW8151
Total Metals Digest	Completed			11/22/10		AG	SW846 - 3050
Field Extraction	Completed			11/18/10		JOY	SW5035
Chlorinated Herbicides							
2,4,5-T	ND	110	ug/Kg	11/22/10		JRB	SW8151
2,4,5-TP (Silvex)	ND	110	ug/Kg	11/22/10		JRB	SW8151
2,4-D	ND	110	ug/Kg	11/22/10		JRB	SW8151
2,4-DB	ND	1100	ug/Kg	11/22/10		JRB	SW8151
Dalapon	ND	570	ug/Kg	11/22/10		JRB	SW8151
Dicamba	ND	340	ug/Kg	11/22/10		JRB	SW8151
Dichloroprop	ND	110	ug/Kg	11/22/10		JRB	SW8151
Dinoseb	ND	230	ug/Kg	11/22/10		JRB	SW8151
QA/QC Surrogates							
% DCAA	77		%	11/22/10		JRB	SW8151

Project ID: 09-088-02E
Client ID: B5 0-2 FT

Phoenix I.D.: AZ79406

Parameter	Result	RL	Units	Date	Time	By	Reference
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.7	ug/Kg	11/21/10		H/L	SW8260
1,1,1-Trichloroethane	ND	5.7	ug/Kg	11/21/10		H/L	SW8260
1,1,2,2-Tetrachloroethane	ND	3.4	ug/Kg	11/21/10		H/L	SW8260
1,1,2-Trichloroethane	ND	5.7	ug/Kg	11/21/10		H/L	SW8260
1,1-Dichloroethane	ND	5.7	ug/Kg	11/21/10		H/L	SW8260
1,1-Dichloroethene	ND	5.7	ug/Kg	11/21/10		H/L	SW8260
1,1-Dichloropropene	ND	5.7	ug/Kg	11/21/10		H/L	SW8260
1,2,3-Trichlorobenzene	ND	5.7	ug/Kg	11/21/10		H/L	SW8260
1,2,3-Trichloropropane	ND	5.7	ug/Kg	11/21/10		H/L	SW8260
1,2,4-Trichlorobenzene	ND	5.7	ug/Kg	11/21/10		H/L	SW8260
1,2,4-Trimethylbenzene	ND	5.7	ug/Kg	11/21/10		H/L	SW8260
1,2-Dibromo-3-chloropropane	ND	5.7	ug/Kg	11/21/10		H/L	SW8260
1,2-Dichlorobenzene	ND	5.7	ug/Kg	11/21/10		H/L	SW8260
1,2-Dichloroethane	ND	5.7	ug/Kg	11/21/10		H/L	SW8260
1,2-Dichloropropane	ND	5.7	ug/Kg	11/21/10		H/L	SW8260
1,3,5-Trimethylbenzene	ND	5.7	ug/Kg	11/21/10		H/L	SW8260
1,3-Dichlorobenzene	ND	5.7	ug/Kg	11/21/10		H/L	SW8260
1,3-Dichloropropane	ND	5.7	ug/Kg	11/21/10		H/L	SW8260
1,4-Dichlorobenzene	ND	5.7	ug/Kg	11/21/10		H/L	SW8260
2,2-Dichloropropane	ND	5.7	ug/Kg	11/21/10		H/L	SW8260
2-Chlorotoluene	ND	5.7	ug/Kg	11/21/10		H/L	SW8260
2-Hexanone	ND	28	ug/Kg	11/21/10		H/L	SW8260
2-Isopropyltoluene	ND	5.7	ug/Kg	11/21/10		H/L	SW8260
4-Chlorotoluene	ND	5.7	ug/Kg	11/21/10		H/L	SW8260
4-Methyl-2-pentanone	ND	28	ug/Kg	11/21/10		H/L	SW8260
Acetone	ND	110	ug/Kg	11/21/10		H/L	SW8260
Acrylonitrile	ND	5.7	ug/Kg	11/21/10		H/L	SW8260
Benzene	ND	5.7	ug/Kg	11/21/10		H/L	SW8260
Bromobenzene	ND	5.7	ug/Kg	11/21/10		H/L	SW8260
Bromochloromethane	ND	5.7	ug/Kg	11/21/10		H/L	SW8260
Bromodichloromethane	ND	5.7	ug/Kg	11/21/10		H/L	SW8260
Bromoform	ND	5.7	ug/Kg	11/21/10		H/L	SW8260
Bromomethane	ND	5.7	ug/Kg	11/21/10		H/L	SW8260
Carbon Disulfide	ND	5.7	ug/Kg	11/21/10		H/L	SW8260
Carbon tetrachloride	ND	5.7	ug/Kg	11/21/10		H/L	SW8260
Chlorobenzene	ND	5.7	ug/Kg	11/21/10		H/L	SW8260
Chloroethane	ND	5.7	ug/Kg	11/21/10		H/L	SW8260
Chloroform	ND	5.7	ug/Kg	11/21/10		H/L	SW8260
Chloromethane	ND	5.7	ug/Kg	11/21/10		H/L	SW8260
cis-1,2-Dichloroethene	ND	5.7	ug/Kg	11/21/10		H/L	SW8260
cis-1,3-Dichloropropene	ND	5.7	ug/Kg	11/21/10		H/L	SW8260
Dibromochloromethane	ND	3.4	ug/Kg	11/21/10		H/L	SW8260
Dibromoethane	ND	5.7	ug/Kg	11/21/10		H/L	SW8260
Dibromomethane	ND	5.7	ug/Kg	11/21/10		H/L	SW8260
Dichlorodifluoromethane	ND	5.7	ug/Kg	11/21/10		H/L	SW8260
Ethylbenzene	ND	5.7	ug/Kg	11/21/10		H/L	SW8260
Hexachlorobutadiene	ND	5.7	ug/Kg	11/21/10		H/L	SW8260
Isopropylbenzene	ND	5.7	ug/Kg	11/21/10		H/L	SW8260

Project ID: 09-088-02E
Client ID: B5 0-2 FT

Phoenix I.D.: AZ79406

Parameter	Result	RL	Units	Date	Time	By	Reference
m&p-Xylene	ND	5.7	ug/Kg	11/21/10		H/L	SW8260
Methyl Ethyl Ketone	ND	34	ug/Kg	11/21/10		H/L	SW8260
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	11/21/10		H/L	SW8260
Methylene chloride	ND	5.7	ug/Kg	11/21/10		H/L	SW8260
Naphthalene	ND	5.7	ug/Kg	11/21/10		H/L	SW8260
n-Butylbenzene	ND	5.7	ug/Kg	11/21/10		H/L	SW8260
n-Propylbenzene	ND	5.7	ug/Kg	11/21/10		H/L	SW8260
o-Xylene	ND	5.7	ug/Kg	11/21/10		H/L	SW8260
p-Isopropyltoluene	ND	5.7	ug/Kg	11/21/10		H/L	SW8260
sec-Butylbenzene	ND	5.7	ug/Kg	11/21/10		H/L	SW8260
Styrene	ND	5.7	ug/Kg	11/21/10		H/L	SW8260
tert-Butylbenzene	ND	5.7	ug/Kg	11/21/10		H/L	SW8260
Tetrachloroethene	ND	5.7	ug/Kg	11/21/10		H/L	SW8260
Tetrahydrofuran (THF)	ND	11	ug/Kg	11/21/10		H/L	SW8260
Toluene	ND	5.7	ug/Kg	11/21/10		H/L	SW8260
Total Xylenes	ND	5.7	ug/Kg	11/21/10		H/L	SW8260
trans-1,2-Dichloroethene	ND	5.7	ug/Kg	11/21/10		H/L	SW8260
trans-1,3-Dichloropropene	ND	5.7	ug/Kg	11/21/10		H/L	SW8260
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	11/21/10		H/L	SW8260
Trichloroethene	ND	5.7	ug/Kg	11/21/10		H/L	SW8260
Trichlorofluoromethane	ND	5.7	ug/Kg	11/21/10		H/L	SW8260
Trichlorotrifluoroethane	ND	5.7	ug/Kg	11/21/10		H/L	SW8260
Vinyl chloride	ND	5.7	ug/Kg	11/21/10		H/L	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	99		%	11/21/10		H/L	SW8260
% Bromofluorobenzene	96		%	11/21/10		H/L	SW8260
% Dibromofluoromethane	99		%	11/21/10		H/L	SW8260
% Toluene-d8	98		%	11/21/10		H/L	SW8260
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	11	mg/Kg	11/22/10		JRB	CT ETPH/8015
Identification	ND		mg/Kg	11/22/10		JRB	CT ETPH/8015
QA/QC Surrogates							
% n-Pentacosane	149		%	11/22/10		JRB	CT ETPH/8015
Polychlorinated Biphenyls							
PCB-1016	ND	380	ug/Kg	11/23/10		MH	SW 8082
PCB-1221	ND	380	ug/Kg	11/23/10		MH	SW 8082
PCB-1232	ND	380	ug/Kg	11/23/10		MH	SW 8082
PCB-1242	ND	380	ug/Kg	11/23/10		MH	SW 8082
PCB-1248	ND	380	ug/Kg	11/23/10		MH	SW 8082
PCB-1254	ND	380	ug/Kg	11/23/10		MH	SW 8082
PCB-1260	ND	380	ug/Kg	11/23/10		MH	SW 8082
PCB-1262	ND	380	ug/Kg	11/23/10		MH	SW 8082
PCB-1268	ND	380	ug/Kg	11/23/10		MH	SW 8082
QA/QC Surrogates							
% DCBP	104		%	11/23/10		MH	SW 8082
% TCMX	84		%	11/23/10		MH	SW 8082

Project ID: 09-088-02E
Client ID: B5 0-2 FT

Phoenix I.D.: AZ79406

Parameter	Result	RL	Units	Date	Time	By	Reference
Pesticides							
4,4' -DDD	ND	7.2	ug/Kg	11/24/10		KCA	SW8081
4,4' -DDE	ND	7.2	ug/Kg	11/24/10		KCA	SW8081
4,4' -DDT	ND	7.2	ug/Kg	11/24/10		KCA	SW8081
a-BHC	ND	3.6	ug/Kg	11/24/10		KCA	SW8081
Alachlor	ND	3.6	ug/Kg	11/24/10		KCA	SW8081
Aldrin	ND	1.1	ug/Kg	11/24/10		KCA	SW8081
b-BHC	ND	3.6	ug/Kg	11/24/10		KCA	SW8081
Chlordane	ND	11	ug/Kg	11/24/10		KCA	SW8081
d-BHC	ND	3.6	ug/Kg	11/24/10		KCA	SW8081
Dieldrin	ND	1.1	ug/Kg	11/24/10		KCA	SW8081
Endosulfan I	ND	3.6	ug/Kg	11/24/10		KCA	SW8081
Endosulfan II	ND	7.2	ug/Kg	11/24/10		KCA	SW8081
Endosulfan sulfate	ND	7.2	ug/Kg	11/24/10		KCA	SW8081
Endrin	ND	7.2	ug/Kg	11/24/10		KCA	SW8081
Endrin aldehyde	ND	7.2	ug/Kg	11/24/10		KCA	SW8081
Endrin ketone	ND	7.2	ug/Kg	11/24/10		KCA	SW8081
g-BHC	ND	1.1	ug/Kg	11/24/10		KCA	SW8081
Heptachlor	ND	2.2	ug/Kg	11/24/10		KCA	SW8081
Heptachlor epoxide	ND	3.6	ug/Kg	11/24/10		KCA	SW8081
Methoxychlor	ND	36	ug/Kg	11/24/10		KCA	SW8081
Toxaphene	ND	36	ug/Kg	11/24/10		KCA	SW8081
QA/QC Surrogates							
% DCBP	82		%	11/24/10		KCA	SW8081
% TCMX	65		%	11/24/10		KCA	SW8081
Polynuclear Aromatic HC							
2-Methylnaphthalene	ND	530	ug/Kg	11/20/10		KCA	SW 8270
Acenaphthene	ND	530	ug/Kg	11/20/10		KCA	SW 8270
Acenaphthylene	ND	530	ug/Kg	11/20/10		KCA	SW 8270
Anthracene	ND	530	ug/Kg	11/20/10		KCA	SW 8270
Benz(a)anthracene	ND	530	ug/Kg	11/20/10		KCA	SW 8270
Benzo(a)pyrene	ND	530	ug/Kg	11/20/10		KCA	SW 8270
Benzo(b)fluoranthene	ND	530	ug/Kg	11/20/10		KCA	SW 8270
Benzo(ghi)perylene	ND	530	ug/Kg	11/20/10		KCA	SW 8270
Benzo(k)fluoranthene	ND	530	ug/Kg	11/20/10		KCA	SW 8270
Chrysene	ND	530	ug/Kg	11/20/10		KCA	SW 8270
Dibenz(a,h)anthracene	ND	530	ug/Kg	11/20/10		KCA	SW 8270
Fluoranthene	ND	530	ug/Kg	11/20/10		KCA	SW 8270
Fluorene	ND	530	ug/Kg	11/20/10		KCA	SW 8270
Indeno(1,2,3-cd)pyrene	ND	530	ug/Kg	11/20/10		KCA	SW 8270
Naphthalene	ND	530	ug/Kg	11/20/10		KCA	SW 8270
Phenanthrene	ND	530	ug/Kg	11/20/10		KCA	SW 8270
Pyrene	ND	530	ug/Kg	11/20/10		KCA	SW 8270
QA/QC Surrogates							
% 2-Fluorobiphenyl	77		%	11/20/10		KCA	SW 8270
% Nitrobenzene-d5	81		%	11/20/10		KCA	SW 8270
% Terphenyl-d14	69		%	11/20/10		KCA	SW 8270

Project ID: 09-088-02E
Client ID: B5 0-2 FT

Phoenix I.D.: AZ79406

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
December 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

December 28, 2010

FOR: Attn: Mr. Ethan Stewart
Diversified Tech. Consultants
2321 Whitney Avenue 3rd floor
Hamden Center II
Hamden CT 06518

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		11/18/10	14:25
Location Code:	DTECHDAS	Received by:	SW	11/19/10	15:30
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GAZ79372
Phoenix ID: AZ79407

Project ID: 09-088-02E

Client ID: B5 2-4 FT

Parameter	Result	RL	Units	Date	Time	By	Reference
Arsenic	3.7	0.8	mg/Kg	11/23/10		LK	6010/200.7
Cadmium	< 0.39	0.39	mg/Kg	11/23/10		LK	6010/200.7
Chromium	20.9	0.39	mg/Kg	11/23/10		LK	6010/200.7
Mercury	0.09	0.09	mg/Kg	11/24/10		RS	SW-7471
Lead	13.2	0.39	mg/Kg	11/23/10		LK	6010/200.7
Percent Solid	85		%	11/19/10		JL	E160.3
Soil Extraction for PCB	Completed			11/19/10		BSB/F	SW3545
Soil Extraction SVOA BN	Completed			11/19/10		SS/F	SW3545
Extraction of CT ETPH	Completed			11/19/10		SS/E	3545
Mercury Digestion	Completed			11/22/10		X	SW7471
Total Metals Digest	Completed			11/22/10		AG	SW846 - 3050
Field Extraction	Completed			11/18/10		JOY	SW5035
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.9	ug/Kg	11/21/10		H/L	SW8260
1,1,1-Trichloroethane	ND	5.9	ug/Kg	11/21/10		H/L	SW8260
1,1,2,2-Tetrachloroethane	ND	3.5	ug/Kg	11/21/10		H/L	SW8260
1,1,2-Trichloroethane	ND	5.9	ug/Kg	11/21/10		H/L	SW8260
1,1-Dichloroethane	ND	5.9	ug/Kg	11/21/10		H/L	SW8260
1,1-Dichloroethene	ND	5.9	ug/Kg	11/21/10		H/L	SW8260
1,1-Dichloropropene	ND	5.9	ug/Kg	11/21/10		H/L	SW8260
1,2,3-Trichlorobenzene	ND	5.9	ug/Kg	11/21/10		H/L	SW8260
1,2,3-Trichloropropane	ND	5.9	ug/Kg	11/21/10		H/L	SW8260
1,2,4-Trichlorobenzene	ND	5.9	ug/Kg	11/21/10		H/L	SW8260
1,2,4-Trimethylbenzene	ND	5.9	ug/Kg	11/21/10		H/L	SW8260
1,2-Dibromo-3-chloropropane	ND	5.9	ug/Kg	11/21/10		H/L	SW8260
1,2-Dichlorobenzene	ND	5.9	ug/Kg	11/21/10		H/L	SW8260
1,2-Dichloroethane	ND	5.9	ug/Kg	11/21/10		H/L	SW8260

Project ID: 09-088-02E
Client ID: B5 2-4 FT

Phoenix I.D.: AZ79407

Parameter	Result	RL	Units	Date	Time	By	Reference
1,2-Dichloropropane	ND	5.9	ug/Kg	11/21/10		H/L	SW8260
1,3,5-Trimethylbenzene	ND	5.9	ug/Kg	11/21/10		H/L	SW8260
1,3-Dichlorobenzene	ND	5.9	ug/Kg	11/21/10		H/L	SW8260
1,3-Dichloropropane	ND	5.9	ug/Kg	11/21/10		H/L	SW8260
1,4-Dichlorobenzene	ND	5.9	ug/Kg	11/21/10		H/L	SW8260
2,2-Dichloropropane	ND	5.9	ug/Kg	11/21/10		H/L	SW8260
2-Chlorotoluene	ND	5.9	ug/Kg	11/21/10		H/L	SW8260
2-Hexanone	ND	29	ug/Kg	11/21/10		H/L	SW8260
2-Isopropyltoluene	ND	5.9	ug/Kg	11/21/10		H/L	SW8260
4-Chlorotoluene	ND	5.9	ug/Kg	11/21/10		H/L	SW8260
4-Methyl-2-pentanone	ND	29	ug/Kg	11/21/10		H/L	SW8260
Acetone	ND	120	ug/Kg	11/21/10		H/L	SW8260
Acrylonitrile	ND	5.9	ug/Kg	11/21/10		H/L	SW8260
Benzene	ND	5.9	ug/Kg	11/21/10		H/L	SW8260
Bromobenzene	ND	5.9	ug/Kg	11/21/10		H/L	SW8260
Bromochloromethane	ND	5.9	ug/Kg	11/21/10		H/L	SW8260
Bromodichloromethane	ND	5.9	ug/Kg	11/21/10		H/L	SW8260
Bromoform	ND	5.9	ug/Kg	11/21/10		H/L	SW8260
Bromomethane	ND	5.9	ug/Kg	11/21/10		H/L	SW8260
Carbon Disulfide	ND	5.9	ug/Kg	11/21/10		H/L	SW8260
Carbon tetrachloride	ND	5.9	ug/Kg	11/21/10		H/L	SW8260
Chlorobenzene	ND	5.9	ug/Kg	11/21/10		H/L	SW8260
Chloroethane	ND	5.9	ug/Kg	11/21/10		H/L	SW8260
Chloroform	ND	5.9	ug/Kg	11/21/10		H/L	SW8260
Chloromethane	ND	5.9	ug/Kg	11/21/10		H/L	SW8260
cis-1,2-Dichloroethene	ND	5.9	ug/Kg	11/21/10		H/L	SW8260
cis-1,3-Dichloropropene	ND	5.9	ug/Kg	11/21/10		H/L	SW8260
Dibromochloromethane	ND	3.5	ug/Kg	11/21/10		H/L	SW8260
Dibromoethane	ND	5.9	ug/Kg	11/21/10		H/L	SW8260
Dibromomethane	ND	5.9	ug/Kg	11/21/10		H/L	SW8260
Dichlorodifluoromethane	ND	5.9	ug/Kg	11/21/10		H/L	SW8260
Ethylbenzene	ND	5.9	ug/Kg	11/21/10		H/L	SW8260
Hexachlorobutadiene	ND	5.9	ug/Kg	11/21/10		H/L	SW8260
Isopropylbenzene	ND	5.9	ug/Kg	11/21/10		H/L	SW8260
m&p-Xylene	ND	5.9	ug/Kg	11/21/10		H/L	SW8260
Methyl Ethyl Ketone	ND	35	ug/Kg	11/21/10		H/L	SW8260
Methyl t-butyl ether (MTBE)	ND	12	ug/Kg	11/21/10		H/L	SW8260
Methylene chloride	ND	5.9	ug/Kg	11/21/10		H/L	SW8260
Naphthalene	ND	5.9	ug/Kg	11/21/10		H/L	SW8260
n-Butylbenzene	ND	5.9	ug/Kg	11/21/10		H/L	SW8260
n-Propylbenzene	ND	5.9	ug/Kg	11/21/10		H/L	SW8260
o-Xylene	ND	5.9	ug/Kg	11/21/10		H/L	SW8260
p-Isopropyltoluene	ND	5.9	ug/Kg	11/21/10		H/L	SW8260
sec-Butylbenzene	ND	5.9	ug/Kg	11/21/10		H/L	SW8260
Styrene	ND	5.9	ug/Kg	11/21/10		H/L	SW8260
tert-Butylbenzene	ND	5.9	ug/Kg	11/21/10		H/L	SW8260
Tetrachloroethene	ND	5.9	ug/Kg	11/21/10		H/L	SW8260
Tetrahydrofuran (THF)	ND	12	ug/Kg	11/21/10		H/L	SW8260
Toluene	ND	5.9	ug/Kg	11/21/10		H/L	SW8260
Total Xylenes	ND	5.9	ug/Kg	11/21/10		H/L	SW8260

Project ID: 09-088-02E
Client ID: B5 2-4 FT

Phoenix I.D.: AZ79407

Parameter	Result	RL	Units	Date	Time	By	Reference
trans-1,2-Dichloroethene	ND	5.9	ug/Kg	11/21/10		H/L	SW8260
trans-1,3-Dichloropropene	ND	5.9	ug/Kg	11/21/10		H/L	SW8260
trans-1,4-dichloro-2-butene	ND	12	ug/Kg	11/21/10		H/L	SW8260
Trichloroethene	ND	5.9	ug/Kg	11/21/10		H/L	SW8260
Trichlorofluoromethane	ND	5.9	ug/Kg	11/21/10		H/L	SW8260
Trichlorotrifluoroethane	ND	5.9	ug/Kg	11/21/10		H/L	SW8260
Vinyl chloride	ND	5.9	ug/Kg	11/21/10		H/L	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	103		%	11/21/10		H/L	SW8260
% Bromofluorobenzene	89		%	11/21/10		H/L	SW8260
% Dibromofluoromethane	99		%	11/21/10		H/L	SW8260
% Toluene-d8	94		%	11/21/10		H/L	SW8260
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	11	mg/Kg	11/22/10		JRB	CT ETPH/8015
Identification	ND		mg/Kg	11/22/10		JRB	CT ETPH/8015
QA/QC Surrogates							
% n-Pentacosane	92		%	11/22/10		JRB	CT ETPH/8015
Polychlorinated Biphenyls							
PCB-1016	ND	380	ug/Kg	11/23/10		MH	SW 8082
PCB-1221	ND	380	ug/Kg	11/23/10		MH	SW 8082
PCB-1232	ND	380	ug/Kg	11/23/10		MH	SW 8082
PCB-1242	ND	380	ug/Kg	11/23/10		MH	SW 8082
PCB-1248	ND	380	ug/Kg	11/23/10		MH	SW 8082
PCB-1254	ND	380	ug/Kg	11/23/10		MH	SW 8082
PCB-1260	ND	380	ug/Kg	11/23/10		MH	SW 8082
PCB-1262	ND	380	ug/Kg	11/23/10		MH	SW 8082
PCB-1268	ND	380	ug/Kg	11/23/10		MH	SW 8082
QA/QC Surrogates							
% DCBP	119		%	11/23/10		MH	SW 8082
% TCMX	86		%	11/23/10		MH	SW 8082
Polynuclear Aromatic HC							
2-Methylnaphthalene	ND	550	ug/Kg	11/20/10		KCA	SW 8270
Acenaphthene	ND	550	ug/Kg	11/20/10		KCA	SW 8270
Acenaphthylene	ND	550	ug/Kg	11/20/10		KCA	SW 8270
Anthracene	ND	550	ug/Kg	11/20/10		KCA	SW 8270
Benz(a)anthracene	ND	550	ug/Kg	11/20/10		KCA	SW 8270
Benzo(a)pyrene	ND	550	ug/Kg	11/20/10		KCA	SW 8270
Benzo(b)fluoranthene	ND	550	ug/Kg	11/20/10		KCA	SW 8270
Benzo(ghi)perylene	ND	550	ug/Kg	11/20/10		KCA	SW 8270
Benzo(k)fluoranthene	ND	550	ug/Kg	11/20/10		KCA	SW 8270
Chrysene	ND	550	ug/Kg	11/20/10		KCA	SW 8270
Dibenz(a,h)anthracene	ND	550	ug/Kg	11/20/10		KCA	SW 8270
Fluoranthene	ND	550	ug/Kg	11/20/10		KCA	SW 8270
Fluorene	ND	550	ug/Kg	11/20/10		KCA	SW 8270
Indeno(1,2,3-cd)pyrene	ND	550	ug/Kg	11/20/10		KCA	SW 8270
Naphthalene	ND	550	ug/Kg	11/20/10		KCA	SW 8270
Phenanthrene	ND	550	ug/Kg	11/20/10		KCA	SW 8270

Project ID: 09-088-02E
Client ID: B5 2-4 FT

Phoenix I.D.: AZ79407

Parameter	Result	RL	Units	Date	Time	By	Reference
Pyrene	ND	550	ug/Kg	11/20/10		KCA	SW 8270
QA/QC Surrogates							
% 2-Fluorobiphenyl	80		%	11/20/10		KCA	SW 8270
% Nitrobenzene-d5	83		%	11/20/10		KCA	SW 8270
% Terphenyl-d14	74		%	11/20/10		KCA	SW 8270

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
December 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

December 28, 2010

FOR: Attn: Mr. Ethan Stewart
Diversified Tech. Consultants
2321 Whitney Avenue 3rd floor
Hamden Center II
Hamden CT 06518

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		11/18/10	14:35
Location Code:	DTECHDAS	Received by:	SW	11/19/10	15:30
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GAZ79372
Phoenix ID: AZ79408

Project ID: 09-088-02E

Client ID: B5 4-6 FT

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.

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December 28, 2010

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Analysis Report

December 28, 2010

FOR: Attn: Mr. Ethan Stewart
Diversified Tech. Consultants
2321 Whitney Avenue 3rd floor
Hamden Center II
Hamden CT 06518

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		11/18/10	14:40
Location Code:	DTECHDAS	Received by:	SW	11/19/10	15:30
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GAZ79372
Phoenix ID: AZ79409

Project ID: 09-088-02E

Client ID: B5 8-9 FT

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.

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December 28, 2010

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Analysis Report

December 28, 2010

FOR: Attn: Mr. Ethan Stewart
Diversified Tech. Consultants
2321 Whitney Avenue 3rd floor
Hamden Center II
Hamden CT 06518

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		11/18/10	15:00
Location Code:	DTECHDAS	Received by:	SW	11/19/10	15:30
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GAZ79372
Phoenix ID: AZ79410

Project ID: 09-088-02E

Client ID: B2 0-2 FT

Parameter	Result	RL	Units	Date	Time	By	Reference
Arsenic	3.6	0.8	mg/Kg	11/23/10		LK	6010/200.7
Cadmium	0.51	0.39	mg/Kg	11/23/10		LK	6010/200.7
Chromium	20.3	0.39	mg/Kg	11/23/10		LK	6010/200.7
Mercury	< 0.07	0.07	mg/Kg	11/24/10		RS	SW-7471
Lead	43.8	0.39	mg/Kg	11/23/10		LK	6010/200.7
Percent Solid	82		%	11/19/10		JL	E160.3
Soil Extraction for PCB	Completed			11/19/10		BSB	SW3545
Soil Extraction for Pesticide	Completed			11/19/10		BSB/F	SW3545
Soil Extraction SVOA BN	Completed			11/19/10		SS/F	SW3545
Extraction of CT ETPH	Completed			11/19/10		SS/E	3545
Mercury Digestion	Completed			11/22/10		X	SW7471
Soil Extraction for Herbicide	Completed			11/20/10		J/E	SW8151
Total Metals Digest	Completed			11/22/10		AG	SW846 - 3050
Field Extraction	Completed			11/18/10		JOY	SW5035
Chlorinated Herbicides							
2,4,5-T	ND	120	ug/Kg	11/22/10		JRB	SW8151
2,4,5-TP (Silvex)	ND	120	ug/Kg	11/22/10		JRB	SW8151
2,4-D	ND	120	ug/Kg	11/22/10		JRB	SW8151
2,4-DB	ND	1200	ug/Kg	11/22/10		JRB	SW8151
Dalapon	ND	610	ug/Kg	11/22/10		JRB	SW8151
Dicamba	ND	360	ug/Kg	11/22/10		JRB	SW8151
Dichloroprop	ND	120	ug/Kg	11/22/10		JRB	SW8151
Dinoseb	ND	240	ug/Kg	11/22/10		JRB	SW8151
QA/QC Surrogates							
% DCAA	75		%	11/22/10		JRB	SW8151

Project ID: 09-088-02E
Client ID: B2 0-2 FT

Phoenix I.D.: AZ79410

Parameter	Result	RL	Units	Date	Time	By	Reference
Volatiles							
1,1,1,2-Tetrachloroethane	ND	6.1	ug/Kg	11/21/10		LM	SW8260
1,1,1-Trichloroethane	ND	6.1	ug/Kg	11/21/10		LM	SW8260
1,1,2,2-Tetrachloroethane	ND	3.7	ug/Kg	11/21/10		LM	SW8260
1,1,2-Trichloroethane	ND	6.1	ug/Kg	11/21/10		LM	SW8260
1,1-Dichloroethane	ND	6.1	ug/Kg	11/21/10		LM	SW8260
1,1-Dichloroethene	ND	6.1	ug/Kg	11/21/10		LM	SW8260
1,1-Dichloropropene	ND	6.1	ug/Kg	11/21/10		LM	SW8260
1,2,3-Trichlorobenzene	ND	6.1	ug/Kg	11/21/10		LM	SW8260
1,2,3-Trichloropropane	ND	6.1	ug/Kg	11/21/10		LM	SW8260
1,2,4-Trichlorobenzene	ND	6.1	ug/Kg	11/21/10		LM	SW8260
1,2,4-Trimethylbenzene	ND	6.1	ug/Kg	11/21/10		LM	SW8260
1,2-Dibromo-3-chloropropane	ND	6.1	ug/Kg	11/21/10		LM	SW8260
1,2-Dichlorobenzene	ND	6.1	ug/Kg	11/21/10		LM	SW8260
1,2-Dichloroethane	ND	6.1	ug/Kg	11/21/10		LM	SW8260
1,2-Dichloropropane	ND	6.1	ug/Kg	11/21/10		LM	SW8260
1,3,5-Trimethylbenzene	ND	6.1	ug/Kg	11/21/10		LM	SW8260
1,3-Dichlorobenzene	ND	6.1	ug/Kg	11/21/10		LM	SW8260
1,3-Dichloropropane	ND	6.1	ug/Kg	11/21/10		LM	SW8260
1,4-Dichlorobenzene	ND	6.1	ug/Kg	11/21/10		LM	SW8260
2,2-Dichloropropane	ND	6.1	ug/Kg	11/21/10		LM	SW8260
2-Chlorotoluene	ND	6.1	ug/Kg	11/21/10		LM	SW8260
2-Hexanone	ND	30	ug/Kg	11/21/10		LM	SW8260
2-Isopropyltoluene	ND	6.1	ug/Kg	11/21/10		LM	SW8260
4-Chlorotoluene	ND	6.1	ug/Kg	11/21/10		LM	SW8260
4-Methyl-2-pentanone	ND	30	ug/Kg	11/21/10		LM	SW8260
Acetone	ND	120	ug/Kg	11/21/10		LM	SW8260
Acrylonitrile	ND	6.1	ug/Kg	11/21/10		LM	SW8260
Benzene	ND	6.1	ug/Kg	11/21/10		LM	SW8260
Bromobenzene	ND	6.1	ug/Kg	11/21/10		LM	SW8260
Bromochloromethane	ND	6.1	ug/Kg	11/21/10		LM	SW8260
Bromodichloromethane	ND	6.1	ug/Kg	11/21/10		LM	SW8260
Bromoform	ND	6.1	ug/Kg	11/21/10		LM	SW8260
Bromomethane	ND	6.1	ug/Kg	11/21/10		LM	SW8260
Carbon Disulfide	ND	6.1	ug/Kg	11/21/10		LM	SW8260
Carbon tetrachloride	ND	6.1	ug/Kg	11/21/10		LM	SW8260
Chlorobenzene	ND	6.1	ug/Kg	11/21/10		LM	SW8260
Chloroethane	ND	6.1	ug/Kg	11/21/10		LM	SW8260
Chloroform	ND	6.1	ug/Kg	11/21/10		LM	SW8260
Chloromethane	ND	6.1	ug/Kg	11/21/10		LM	SW8260
cis-1,2-Dichloroethene	ND	6.1	ug/Kg	11/21/10		LM	SW8260
cis-1,3-Dichloropropene	ND	6.1	ug/Kg	11/21/10		LM	SW8260
Dibromochloromethane	ND	3.7	ug/Kg	11/21/10		LM	SW8260
Dibromoethane	ND	6.1	ug/Kg	11/21/10		LM	SW8260
Dibromomethane	ND	6.1	ug/Kg	11/21/10		LM	SW8260
Dichlorodifluoromethane	ND	6.1	ug/Kg	11/21/10		LM	SW8260
Ethylbenzene	ND	6.1	ug/Kg	11/21/10		LM	SW8260
Hexachlorobutadiene	ND	6.1	ug/Kg	11/21/10		LM	SW8260
Isopropylbenzene	ND	6.1	ug/Kg	11/21/10		LM	SW8260

Project ID: 09-088-02E
Client ID: B2 0-2 FT

Phoenix I.D.: AZ79410

Parameter	Result	RL	Units	Date	Time	By	Reference
m&p-Xylene	ND	6.1	ug/Kg	11/21/10		LM	SW8260
Methyl Ethyl Ketone	ND	37	ug/Kg	11/21/10		LM	SW8260
Methyl t-butyl ether (MTBE)	ND	12	ug/Kg	11/21/10		LM	SW8260
Methylene chloride	ND	6.1	ug/Kg	11/21/10		LM	SW8260
Naphthalene	ND	6.1	ug/Kg	11/21/10		LM	SW8260
n-Butylbenzene	ND	6.1	ug/Kg	11/21/10		LM	SW8260
n-Propylbenzene	ND	6.1	ug/Kg	11/21/10		LM	SW8260
o-Xylene	ND	6.1	ug/Kg	11/21/10		LM	SW8260
p-Isopropyltoluene	ND	6.1	ug/Kg	11/21/10		LM	SW8260
sec-Butylbenzene	ND	6.1	ug/Kg	11/21/10		LM	SW8260
Styrene	ND	6.1	ug/Kg	11/21/10		LM	SW8260
tert-Butylbenzene	ND	6.1	ug/Kg	11/21/10		LM	SW8260
Tetrachloroethene	ND	6.1	ug/Kg	11/21/10		LM	SW8260
Tetrahydrofuran (THF)	ND	12	ug/Kg	11/21/10		LM	SW8260
Toluene	ND	6.1	ug/Kg	11/21/10		LM	SW8260
Total Xylenes	ND	6.1	ug/Kg	11/21/10		LM	SW8260
trans-1,2-Dichloroethene	ND	6.1	ug/Kg	11/21/10		LM	SW8260
trans-1,3-Dichloropropene	ND	6.1	ug/Kg	11/21/10		LM	SW8260
trans-1,4-dichloro-2-butene	ND	12	ug/Kg	11/21/10		LM	SW8260
Trichloroethene	ND	6.1	ug/Kg	11/21/10		LM	SW8260
Trichlorofluoromethane	ND	6.1	ug/Kg	11/21/10		LM	SW8260
Trichlorotrifluoroethane	ND	6.1	ug/Kg	11/21/10		LM	SW8260
Vinyl chloride	ND	6.1	ug/Kg	11/21/10		LM	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	99		%	11/21/10		LM	SW8260
% Bromofluorobenzene	86		%	11/21/10		LM	SW8260
% Dibromofluoromethane	100		%	11/21/10		LM	SW8260
% Toluene-d8	99		%	11/21/10		LM	SW8260
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	12	mg/Kg	11/22/10		JRB	CT ETPH/8015
Identification	ND		mg/Kg	11/22/10		JRB	CT ETPH/8015
QA/QC Surrogates							
% n-Pentacosane	85		%	11/22/10		JRB	CT ETPH/8015
Polychlorinated Biphenyls							
PCB-1016	ND	400	ug/Kg	11/23/10		MH	SW 8082
PCB-1221	ND	400	ug/Kg	11/23/10		MH	SW 8082
PCB-1232	ND	400	ug/Kg	11/23/10		MH	SW 8082
PCB-1242	ND	400	ug/Kg	11/23/10		MH	SW 8082
PCB-1248	ND	400	ug/Kg	11/23/10		MH	SW 8082
PCB-1254	ND	400	ug/Kg	11/23/10		MH	SW 8082
PCB-1260	ND	400	ug/Kg	11/23/10		MH	SW 8082
PCB-1262	ND	400	ug/Kg	11/23/10		MH	SW 8082
PCB-1268	ND	400	ug/Kg	11/23/10		MH	SW 8082
QA/QC Surrogates							
% DCBP	107		%	11/23/10		MH	SW 8082
% TCMX	90		%	11/23/10		MH	SW 8082

Project ID: 09-088-02E
Client ID: B2 0-2 FT

Phoenix I.D.: AZ79410

Parameter	Result	RL	Units	Date	Time	By	Reference
Pesticides							
4,4' -DDD	ND	7.7	ug/Kg	11/24/10		KCA	SW8081
4,4' -DDE	ND	7.7	ug/Kg	11/24/10		KCA	SW8081
4,4' -DDT	ND	7.7	ug/Kg	11/24/10		KCA	SW8081
a-BHC	ND	3.8	ug/Kg	11/24/10		KCA	SW8081
Alachlor	ND	3.8	ug/Kg	11/24/10		KCA	SW8081
Aldrin	ND	1.2	ug/Kg	11/24/10		KCA	SW8081
b-BHC	ND	3.8	ug/Kg	11/24/10		KCA	SW8081
Chlordane	ND	12	ug/Kg	11/24/10		KCA	SW8081
d-BHC	ND	3.8	ug/Kg	11/24/10		KCA	SW8081
Dieldrin	ND	1.2	ug/Kg	11/24/10		KCA	SW8081
Endosulfan I	ND	3.8	ug/Kg	11/24/10		KCA	SW8081
Endosulfan II	ND	7.7	ug/Kg	11/24/10		KCA	SW8081
Endosulfan sulfate	ND	7.7	ug/Kg	11/24/10		KCA	SW8081
Endrin	ND	7.7	ug/Kg	11/24/10		KCA	SW8081
Endrin aldehyde	ND	7.7	ug/Kg	11/24/10		KCA	SW8081
Endrin ketone	ND	7.7	ug/Kg	11/24/10		KCA	SW8081
g-BHC	ND	1.2	ug/Kg	11/24/10		KCA	SW8081
Heptachlor	ND	2.4	ug/Kg	11/24/10		KCA	SW8081
Heptachlor epoxide	ND	3.8	ug/Kg	11/24/10		KCA	SW8081
Methoxychlor	ND	38	ug/Kg	11/24/10		KCA	SW8081
Toxaphene	ND	38	ug/Kg	11/24/10		KCA	SW8081
QA/QC Surrogates							
% DCBP	84		%	11/24/10		KCA	SW8081
% TCMX	68		%	11/24/10		KCA	SW8081
Polynuclear Aromatic HC							
2-Methylnaphthalene	ND	560	ug/Kg	11/20/10		KCA	SW 8270
Acenaphthene	ND	560	ug/Kg	11/20/10		KCA	SW 8270
Acenaphthylene	ND	560	ug/Kg	11/20/10		KCA	SW 8270
Anthracene	ND	560	ug/Kg	11/20/10		KCA	SW 8270
Benz(a)anthracene	ND	560	ug/Kg	11/20/10		KCA	SW 8270
Benzo(a)pyrene	ND	560	ug/Kg	11/20/10		KCA	SW 8270
Benzo(b)fluoranthene	ND	560	ug/Kg	11/20/10		KCA	SW 8270
Benzo(ghi)perylene	ND	560	ug/Kg	11/20/10		KCA	SW 8270
Benzo(k)fluoranthene	ND	560	ug/Kg	11/20/10		KCA	SW 8270
Chrysene	ND	560	ug/Kg	11/20/10		KCA	SW 8270
Dibenz(a,h)anthracene	ND	560	ug/Kg	11/20/10		KCA	SW 8270
Fluoranthene	ND	560	ug/Kg	11/20/10		KCA	SW 8270
Fluorene	ND	560	ug/Kg	11/20/10		KCA	SW 8270
Indeno(1,2,3-cd)pyrene	ND	560	ug/Kg	11/20/10		KCA	SW 8270
Naphthalene	ND	560	ug/Kg	11/20/10		KCA	SW 8270
Phenanthrene	ND	560	ug/Kg	11/20/10		KCA	SW 8270
Pyrene	ND	560	ug/Kg	11/20/10		KCA	SW 8270
QA/QC Surrogates							
% 2-Fluorobiphenyl	63		%	11/20/10		KCA	SW 8270
% Nitrobenzene-d5	72		%	11/20/10		KCA	SW 8270
% Terphenyl-d14	66		%	11/20/10		KCA	SW 8270

Project ID: 09-088-02E
Client ID: B2 0-2 FT

Phoenix I.D.: AZ79410

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

December 28, 2010

FOR: Attn: Mr. Ethan Stewart
Diversified Tech. Consultants
2321 Whitney Avenue 3rd floor
Hamden Center II
Hamden CT 06518

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		11/18/10	15:05
Location Code:	DTECHDAS	Received by:	SW	11/19/10	15:30
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GAZ79372
Phoenix ID: AZ79411

Project ID: 09-088-02E

Client ID: B2 4-6 FT

Parameter	Result	RL	Units	Date	Time	By	Reference
Arsenic	3.4	0.8	mg/Kg	11/23/10		LK	6010/200.7
Cadmium	< 0.38	0.38	mg/Kg	11/23/10		LK	6010/200.7
Chromium	28.5	0.38	mg/Kg	11/23/10		LK	6010/200.7
Mercury	< 0.08	0.08	mg/Kg	11/24/10		RS	SW-7471
Lead	12.9	0.38	mg/Kg	11/23/10		LK	6010/200.7
Percent Solid	89		%	11/19/10		JL	E160.3
Soil Extraction SVOA BN	Completed			11/19/10		SS/F	SW3545
Extraction of CT ETPH	Completed			11/19/10		SS/E	3545
Mercury Digestion	Completed			11/22/10		X	SW7471
Total Metals Digest	Completed			11/22/10		AG	SW846 - 3050
Field Extraction	Completed			11/18/10		JOY	SW5035
Volatiles							
1,1,1,2-Tetrachloroethane	ND	4.0	ug/Kg	11/21/10		H/L	SW8260
1,1,1-Trichloroethane	ND	4.0	ug/Kg	11/21/10		H/L	SW8260
1,1,2,2-Tetrachloroethane	ND	2.4	ug/Kg	11/21/10		H/L	SW8260
1,1,2-Trichloroethane	ND	4.0	ug/Kg	11/21/10		H/L	SW8260
1,1-Dichloroethane	ND	4.0	ug/Kg	11/21/10		H/L	SW8260
1,1-Dichloroethene	ND	4.0	ug/Kg	11/21/10		H/L	SW8260
1,1-Dichloropropene	ND	4.0	ug/Kg	11/21/10		H/L	SW8260
1,2,3-Trichlorobenzene	ND	4.0	ug/Kg	11/21/10		H/L	SW8260
1,2,3-Trichloropropane	ND	4.0	ug/Kg	11/21/10		H/L	SW8260
1,2,4-Trichlorobenzene	ND	4.0	ug/Kg	11/21/10		H/L	SW8260
1,2,4-Trimethylbenzene	ND	4.0	ug/Kg	11/21/10		H/L	SW8260
1,2-Dibromo-3-chloropropane	ND	4.0	ug/Kg	11/21/10		H/L	SW8260
1,2-Dichlorobenzene	ND	4.0	ug/Kg	11/21/10		H/L	SW8260
1,2-Dichloroethane	ND	4.0	ug/Kg	11/21/10		H/L	SW8260
1,2-Dichloropropane	ND	4.0	ug/Kg	11/21/10		H/L	SW8260

Project ID: 09-088-02E
Client ID: B2 4-6 FT

Phoenix I.D.: AZ79411

Parameter	Result	RL	Units	Date	Time	By	Reference
1,3,5-Trimethylbenzene	ND	4.0	ug/Kg	11/21/10		H/L	SW8260
1,3-Dichlorobenzene	ND	4.0	ug/Kg	11/21/10		H/L	SW8260
1,3-Dichloropropane	ND	4.0	ug/Kg	11/21/10		H/L	SW8260
1,4-Dichlorobenzene	ND	4.0	ug/Kg	11/21/10		H/L	SW8260
2,2-Dichloropropane	ND	4.0	ug/Kg	11/21/10		H/L	SW8260
2-Chlorotoluene	ND	4.0	ug/Kg	11/21/10		H/L	SW8260
2-Hexanone	ND	20	ug/Kg	11/21/10		H/L	SW8260
2-Isopropyltoluene	ND	4.0	ug/Kg	11/21/10		H/L	SW8260
4-Chlorotoluene	ND	4.0	ug/Kg	11/21/10		H/L	SW8260
4-Methyl-2-pentanone	ND	20	ug/Kg	11/21/10		H/L	SW8260
Acetone	ND	80	ug/Kg	11/21/10		H/L	SW8260
Acrylonitrile	ND	4.0	ug/Kg	11/21/10		H/L	SW8260
Benzene	ND	4.0	ug/Kg	11/21/10		H/L	SW8260
Bromobenzene	ND	4.0	ug/Kg	11/21/10		H/L	SW8260
Bromochloromethane	ND	4.0	ug/Kg	11/21/10		H/L	SW8260
Bromodichloromethane	ND	4.0	ug/Kg	11/21/10		H/L	SW8260
Bromoform	ND	4.0	ug/Kg	11/21/10		H/L	SW8260
Bromomethane	ND	4.0	ug/Kg	11/21/10		H/L	SW8260
Carbon Disulfide	ND	4.0	ug/Kg	11/21/10		H/L	SW8260
Carbon tetrachloride	ND	4.0	ug/Kg	11/21/10		H/L	SW8260
Chlorobenzene	ND	4.0	ug/Kg	11/21/10		H/L	SW8260
Chloroethane	ND	4.0	ug/Kg	11/21/10		H/L	SW8260
Chloroform	ND	4.0	ug/Kg	11/21/10		H/L	SW8260
Chloromethane	ND	4.0	ug/Kg	11/21/10		H/L	SW8260
cis-1,2-Dichloroethene	ND	4.0	ug/Kg	11/21/10		H/L	SW8260
cis-1,3-Dichloropropene	ND	4.0	ug/Kg	11/21/10		H/L	SW8260
Dibromochloromethane	ND	2.4	ug/Kg	11/21/10		H/L	SW8260
Dibromoethane	ND	4.0	ug/Kg	11/21/10		H/L	SW8260
Dibromomethane	ND	4.0	ug/Kg	11/21/10		H/L	SW8260
Dichlorodifluoromethane	ND	4.0	ug/Kg	11/21/10		H/L	SW8260
Ethylbenzene	ND	4.0	ug/Kg	11/21/10		H/L	SW8260
Hexachlorobutadiene	ND	4.0	ug/Kg	11/21/10		H/L	SW8260
Isopropylbenzene	ND	4.0	ug/Kg	11/21/10		H/L	SW8260
m&p-Xylene	ND	4.0	ug/Kg	11/21/10		H/L	SW8260
Methyl Ethyl Ketone	ND	24	ug/Kg	11/21/10		H/L	SW8260
Methyl t-butyl ether (MTBE)	ND	8.0	ug/Kg	11/21/10		H/L	SW8260
Methylene chloride	ND	4.0	ug/Kg	11/21/10		H/L	SW8260
Naphthalene	ND	4.0	ug/Kg	11/21/10		H/L	SW8260
n-Butylbenzene	ND	4.0	ug/Kg	11/21/10		H/L	SW8260
n-Propylbenzene	ND	4.0	ug/Kg	11/21/10		H/L	SW8260
o-Xylene	ND	4.0	ug/Kg	11/21/10		H/L	SW8260
p-Isopropyltoluene	ND	4.0	ug/Kg	11/21/10		H/L	SW8260
sec-Butylbenzene	ND	4.0	ug/Kg	11/21/10		H/L	SW8260
Styrene	ND	4.0	ug/Kg	11/21/10		H/L	SW8260
tert-Butylbenzene	ND	4.0	ug/Kg	11/21/10		H/L	SW8260
Tetrachloroethene	ND	4.0	ug/Kg	11/21/10		H/L	SW8260
Tetrahydrofuran (THF)	ND	8.0	ug/Kg	11/21/10		H/L	SW8260
Toluene	ND	4.0	ug/Kg	11/21/10		H/L	SW8260
Total Xylenes	ND	4.0	ug/Kg	11/21/10		H/L	SW8260
trans-1,2-Dichloroethene	ND	4.0	ug/Kg	11/21/10		H/L	SW8260

Project ID: 09-088-02E
Client ID: B2 4-6 FT

Phoenix I.D.: AZ79411

Parameter	Result	RL	Units	Date	Time	By	Reference
trans-1,3-Dichloropropene	ND	4.0	ug/Kg	11/21/10		H/L	SW8260
trans-1,4-dichloro-2-butene	ND	8.0	ug/Kg	11/21/10		H/L	SW8260
Trichloroethene	ND	4.0	ug/Kg	11/21/10		H/L	SW8260
Trichlorofluoromethane	ND	4.0	ug/Kg	11/21/10		H/L	SW8260
Trichlorotrifluoroethane	ND	4.0	ug/Kg	11/21/10		H/L	SW8260
Vinyl chloride	ND	4.0	ug/Kg	11/21/10		H/L	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	102		%	11/21/10		H/L	SW8260
% Bromofluorobenzene	97		%	11/21/10		H/L	SW8260
% Dibromofluoromethane	98		%	11/21/10		H/L	SW8260
% Toluene-d8	94		%	11/21/10		H/L	SW8260
TPH by GC (Extractable Products)							
Ext. Petroleum HC	16	11	mg/Kg	11/22/10		JRB	CT ETPH/8015
Identification	**		mg/Kg	11/22/10		JRB	CT ETPH/8015
QA/QC Surrogates							
% n-Pentacosane	88		%	11/22/10		JRB	CT ETPH/8015
Polynuclear Aromatic HC							
2-Methylnaphthalene	ND	260	ug/Kg	11/20/10		KCA	SW 8270
Acenaphthene	ND	260	ug/Kg	11/20/10		KCA	SW 8270
Acenaphthylene	ND	260	ug/Kg	11/20/10		KCA	SW 8270
Anthracene	ND	260	ug/Kg	11/20/10		KCA	SW 8270
Benz(a)anthracene	ND	260	ug/Kg	11/20/10		KCA	SW 8270
Benzo(a)pyrene	ND	260	ug/Kg	11/20/10		KCA	SW 8270
Benzo(b)fluoranthene	ND	260	ug/Kg	11/20/10		KCA	SW 8270
Benzo(ghi)perylene	ND	260	ug/Kg	11/20/10		KCA	SW 8270
Benzo(k)fluoranthene	ND	260	ug/Kg	11/20/10		KCA	SW 8270
Chrysene	ND	260	ug/Kg	11/20/10		KCA	SW 8270
Dibenz(a,h)anthracene	ND	260	ug/Kg	11/20/10		KCA	SW 8270
Fluoranthene	ND	260	ug/Kg	11/20/10		KCA	SW 8270
Fluorene	ND	260	ug/Kg	11/20/10		KCA	SW 8270
Indeno(1,2,3-cd)pyrene	ND	260	ug/Kg	11/20/10		KCA	SW 8270
Naphthalene	ND	260	ug/Kg	11/20/10		KCA	SW 8270
Phenanthrene	ND	260	ug/Kg	11/20/10		KCA	SW 8270
Pyrene	ND	260	ug/Kg	11/20/10		KCA	SW 8270
QA/QC Surrogates							
% 2-Fluorobiphenyl	68		%	11/20/10		KCA	SW 8270
% Nitrobenzene-d5	68		%	11/20/10		KCA	SW 8270
% Terphenyl-d14	70		%	11/20/10		KCA	SW 8270

Project ID: 09-088-02E
Client ID: B2 4-6 FT

Phoenix I.D.: AZ79411

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

**This sample was quantitated against a C9-C36 aliphatic standard. It is not a perfect match with any petroleum hydrocarbon patterns, but most closely resembles a pattern in the C12 to C24 range.

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
December 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

December 28, 2010

FOR: Attn: Mr. Ethan Stewart
Diversified Tech. Consultants
2321 Whitney Avenue 3rd floor
Hamden Center II
Hamden CT 06518

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		11/18/10	15:15
Location Code:	DTECHDAS	Received by:	SW	11/19/10	15:30
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GAZ79372
Phoenix ID: AZ79412

Project ID: 09-088-02E
Client ID: B2 6-8 FT

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
December 28, 2010

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ACCREDITED IN ACCORDANCE WITH nelac
NY # 11301

Analysis Report

December 28, 2010

FOR: Attn: Mr. Ethan Stewart
Diversified Tech. Consultants
2321 Whitney Avenue 3rd floor
Hamden Center II
Hamden CT 06518

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		11/18/10	15:20
Location Code:	DTECHDAS	Received by:	SW	11/19/10	15:30
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GAZ79372
Phoenix ID: AZ79413

Project ID: 09-088-02E
Client ID: B2 8-10 FT

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

Phyllis Shiller, Laboratory Director
December 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

December 28, 2010

FOR: Attn: Mr. Ethan Stewart
Diversified Tech. Consultants
2321 Whitney Avenue 3rd floor
Hamden Center II
Hamden CT 06518

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		11/18/10	15:25
Location Code:	DTECHDAS	Received by:	SW	11/19/10	15:30
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GAZ79372
Phoenix ID: AZ79414

Project ID: 09-088-02E

Client ID: B2 10-12 FT

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
December 28, 2010

PHOENIX

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

December 28, 2010

FOR: Attn: Mr. Ethan Stewart
Diversified Tech. Consultants
2321 Whitney Avenue 3rd floor
Hamden Center II
Hamden CT 06518

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		11/18/10	0:00
Location Code:	DTECHDAS	Received by:	SW	11/19/10	15:30
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GAZ79372
Phoenix ID: AZ79415

Project ID: 09-088-02E

Client ID: DUPLICATE-1

Parameter	Result	RL	Units	Date	Time	By	Reference
Arsenic	4.0	0.7	mg/Kg	11/23/10		LK	6010/200.7
Cadmium	0.67	0.37	mg/Kg	11/23/10		LK	6010/200.7
Chromium	27.8	0.37	mg/Kg	11/23/10		LK	6010/200.7
Mercury	0.16	0.08	mg/Kg	11/30/10		RS	SW-7471
Lead	74.1	0.37	mg/Kg	11/23/10		LK	6010/200.7
SPLP Lead	0.013	0.010	mg/L	12/03/10		LK	E1312/SW6010
Percent Solid	83		%	11/19/10		JL	E160.3
Soil Extraction for PCB	Completed			11/19/10		BSB	SW3545
Soil Extraction for Pesticide	Completed			11/19/10		BSB/F	SW3545
Soil Extraction SVOA BN	Completed			11/19/10		SS/F	SW3545
Extraction of CT ETPH	Completed			11/19/10		SS/E	3545
Mercury Digestion	Completed			11/23/10		X	SW7471
Soil Extraction for Herbicide	Completed			11/20/10		J/E	SW8151
SPLP Extraction for Metals	Completed			12/02/10		X	EPA 1312
SPLP Extraction for Organics	Completed			12/02/10		X	EPA1312
SPLP Pesticides Ext. (2 Liter to 1ml)	Completed			12/03/10		F/D	SW3510/3520
Total Metals Digest	Completed			11/22/10		AG	SW846 - 3050
SPLP Metals Digestion	Completed			12/03/10		X	SW846-3005
Field Extraction	Completed			11/18/10		JOY	SW5035
SPLP Pesticides (GA Criteria)							
4,4'-DDD	ND	0.1	ug/L	12/08/10		MH	SW8081
4,4'-DDE	ND	0.1	ug/L	12/08/10		MH	SW8081
4,4'-DDT	ND	0.1	ug/L	12/08/10		MH	SW8081
a-BHC	ND	0.05	ug/L	12/08/10		MH	SW8081
Aldrin	ND	0.003	ug/L	12/08/10		MH	SW8081
b-BHC	ND	0.01	ug/L	12/08/10		MH	SW8081
Chlordane	ND	0.3	ug/L	12/08/10		MH	SW8081

Project ID: 09-088-02E
Client ID: DUPLICATE-1

Phoenix I.D.: AZ79415

Parameter	Result	RL	Units	Date	Time	By	Reference
d-BHC	ND	0.05	ug/L	12/08/10		MH	SW8081
Dieldrin	ND	0.002	ug/L	12/08/10		MH	SW8081
Endosulfan I	ND	0.05	ug/L	12/08/10		MH	SW8081
Endosulfan II	ND	0.1	ug/L	12/08/10		MH	SW8081
Endosulfan sulfate	ND	0.1	ug/L	12/08/10		MH	SW8081
Endrin	ND	0.1	ug/L	12/08/10		MH	SW8081
Endrin aldehyde	ND	0.1	ug/L	12/08/10		MH	SW8081
g-BHC	ND	0.05	ug/L	12/08/10		MH	SW8081
Heptachlor	ND	0.05	ug/L	12/08/10		MH	SW8081
Heptachlor epoxide	ND	0.05	ug/L	12/08/10		MH	SW8081
Methoxychlor	ND	0.2	ug/L	12/08/10		MH	SW8081
Toxaphene	ND	1.0	ug/L	12/08/10		MH	SW8081
QA/QC Surrogates							
%DCBP (Surrogae Rec)	Interference		%	12/08/10		MH	SW8081
%TCMX (Surrogate Rec)	101		%	12/08/10		MH	SW8081
Chlorinated Herbicides							
2,4,5-T	ND	120	ug/Kg	11/22/10		JRB	SW8151
2,4,5-TP (Silvex)	ND	120	ug/Kg	11/22/10		JRB	SW8151
2,4-D	ND	120	ug/Kg	11/22/10		JRB	SW8151
2,4-DB	ND	1200	ug/Kg	11/22/10		JRB	SW8151
Dalapon	ND	600	ug/Kg	11/22/10		JRB	SW8151
Dicamba	ND	360	ug/Kg	11/22/10		JRB	SW8151
Dichloroprop	ND	120	ug/Kg	11/22/10		JRB	SW8151
Dinoseb	ND	240	ug/Kg	11/22/10		JRB	SW8151
QA/QC Surrogates							
% DCAA	98		%	11/22/10		JRB	SW8151
Volatiles							
1,1,1,2-Tetrachloroethane	ND	6.0	ug/Kg	11/21/10		R/L	SW8260
1,1,1-Trichloroethane	ND	6.0	ug/Kg	11/21/10		R/L	SW8260
1,1,2,2-Tetrachloroethane	ND	3.6	ug/Kg	11/21/10		R/L	SW8260
1,1,2-Trichloroethane	ND	6.0	ug/Kg	11/21/10		R/L	SW8260
1,1-Dichloroethane	ND	6.0	ug/Kg	11/21/10		R/L	SW8260
1,1-Dichloroethene	ND	6.0	ug/Kg	11/21/10		R/L	SW8260
1,1-Dichloropropene	ND	6.0	ug/Kg	11/21/10		R/L	SW8260
1,2,3-Trichlorobenzene	ND	6.0	ug/Kg	11/21/10		R/L	SW8260
1,2,3-Trichloropropane	ND	6.0	ug/Kg	11/21/10		R/L	SW8260
1,2,4-Trichlorobenzene	ND	6.0	ug/Kg	11/21/10		R/L	SW8260
1,2,4-Trimethylbenzene	ND	6.0	ug/Kg	11/21/10		R/L	SW8260
1,2-Dibromo-3-chloropropane	ND	6.0	ug/Kg	11/21/10		R/L	SW8260
1,2-Dichlorobenzene	ND	6.0	ug/Kg	11/21/10		R/L	SW8260
1,2-Dichloroethane	ND	6.0	ug/Kg	11/21/10		R/L	SW8260
1,2-Dichloropropane	ND	6.0	ug/Kg	11/21/10		R/L	SW8260
1,3,5-Trimethylbenzene	ND	6.0	ug/Kg	11/21/10		R/L	SW8260
1,3-Dichlorobenzene	ND	6.0	ug/Kg	11/21/10		R/L	SW8260
1,3-Dichloropropane	ND	6.0	ug/Kg	11/21/10		R/L	SW8260
1,4-Dichlorobenzene	ND	6.0	ug/Kg	11/21/10		R/L	SW8260
2,2-Dichloropropane	ND	6.0	ug/Kg	11/21/10		R/L	SW8260
2-Chlorotoluene	ND	6.0	ug/Kg	11/21/10		R/L	SW8260

Project ID: 09-088-02E
Client ID: DUPLICATE-1

Phoenix I.D.: AZ79415

Parameter	Result	RL	Units	Date	Time	By	Reference
2-Hexanone	ND	30	ug/Kg	11/21/10		R/L	SW8260
2-Isopropyltoluene	ND	6.0	ug/Kg	11/21/10		R/L	SW8260
4-Chlorotoluene	ND	6.0	ug/Kg	11/21/10		R/L	SW8260
4-Methyl-2-pentanone	ND	30	ug/Kg	11/21/10		R/L	SW8260
Acetone	ND	120	ug/Kg	11/21/10		R/L	SW8260
Acrylonitrile	ND	6.0	ug/Kg	11/21/10		R/L	SW8260
Benzene	ND	6.0	ug/Kg	11/21/10		R/L	SW8260
Bromobenzene	ND	6.0	ug/Kg	11/21/10		R/L	SW8260
Bromochloromethane	ND	6.0	ug/Kg	11/21/10		R/L	SW8260
Bromodichloromethane	ND	6.0	ug/Kg	11/21/10		R/L	SW8260
Bromoform	ND	6.0	ug/Kg	11/21/10		R/L	SW8260
Bromomethane	ND	6.0	ug/Kg	11/21/10		R/L	SW8260
Carbon Disulfide	ND	6.0	ug/Kg	11/21/10		R/L	SW8260
Carbon tetrachloride	ND	6.0	ug/Kg	11/21/10		R/L	SW8260
Chlorobenzene	ND	6.0	ug/Kg	11/21/10		R/L	SW8260
Chloroethane	ND	6.0	ug/Kg	11/21/10		R/L	SW8260
Chloroform	ND	6.0	ug/Kg	11/21/10		R/L	SW8260
Chloromethane	ND	6.0	ug/Kg	11/21/10		R/L	SW8260
cis-1,2-Dichloroethene	ND	6.0	ug/Kg	11/21/10		R/L	SW8260
cis-1,3-Dichloropropene	ND	6.0	ug/Kg	11/21/10		R/L	SW8260
Dibromochloromethane	ND	3.6	ug/Kg	11/21/10		R/L	SW8260
Dibromoethane	ND	6.0	ug/Kg	11/21/10		R/L	SW8260
Dibromomethane	ND	6.0	ug/Kg	11/21/10		R/L	SW8260
Dichlorodifluoromethane	ND	6.0	ug/Kg	11/21/10		R/L	SW8260
Ethylbenzene	ND	6.0	ug/Kg	11/21/10		R/L	SW8260
Hexachlorobutadiene	ND	6.0	ug/Kg	11/21/10		R/L	SW8260
Isopropylbenzene	ND	6.0	ug/Kg	11/21/10		R/L	SW8260
m&p-Xylene	ND	6.0	ug/Kg	11/21/10		R/L	SW8260
Methyl Ethyl Ketone	ND	36	ug/Kg	11/21/10		R/L	SW8260
Methyl t-butyl ether (MTBE)	ND	12	ug/Kg	11/21/10		R/L	SW8260
Methylene chloride	ND	6.0	ug/Kg	11/21/10		R/L	SW8260
Naphthalene	ND	6.0	ug/Kg	11/21/10		R/L	SW8260
n-Butylbenzene	ND	6.0	ug/Kg	11/21/10		R/L	SW8260
n-Propylbenzene	ND	6.0	ug/Kg	11/21/10		R/L	SW8260
o-Xylene	ND	6.0	ug/Kg	11/21/10		R/L	SW8260
p-Isopropyltoluene	ND	6.0	ug/Kg	11/21/10		R/L	SW8260
sec-Butylbenzene	ND	6.0	ug/Kg	11/21/10		R/L	SW8260
Styrene	ND	6.0	ug/Kg	11/21/10		R/L	SW8260
tert-Butylbenzene	ND	6.0	ug/Kg	11/21/10		R/L	SW8260
Tetrachloroethene	ND	6.0	ug/Kg	11/21/10		R/L	SW8260
Tetrahydrofuran (THF)	ND	12	ug/Kg	11/21/10		R/L	SW8260
Toluene	ND	6.0	ug/Kg	11/21/10		R/L	SW8260
Total Xylenes	ND	6.0	ug/Kg	11/21/10		R/L	SW8260
trans-1,2-Dichloroethene	ND	6.0	ug/Kg	11/21/10		R/L	SW8260
trans-1,3-Dichloropropene	ND	6.0	ug/Kg	11/21/10		R/L	SW8260
trans-1,4-dichloro-2-butene	ND	12	ug/Kg	11/21/10		R/L	SW8260
Trichloroethene	ND	6.0	ug/Kg	11/21/10		R/L	SW8260
Trichlorofluoromethane	ND	6.0	ug/Kg	11/21/10		R/L	SW8260
Trichlorotrifluoroethane	ND	6.0	ug/Kg	11/21/10		R/L	SW8260
Vinyl chloride	ND	6.0	ug/Kg	11/21/10		R/L	SW8260

Project ID: 09-088-02E
Client ID: DUPLICATE-1

Phoenix I.D.: AZ79415

Parameter	Result	RL	Units	Date	Time	By	Reference
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	97		%	11/21/10		R/L	SW8260
% Bromofluorobenzene	91		%	11/21/10		R/L	SW8260
% Dibromofluoromethane	98		%	11/21/10		R/L	SW8260
% Toluene-d8	96		%	11/21/10		R/L	SW8260
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	12	mg/Kg	11/22/10		JRB	CT ETPH/8015
Identification	ND		mg/Kg	11/22/10		JRB	CT ETPH/8015
QA/QC Surrogates							
% n-Pentacosane	87		%	11/22/10		JRB	CT ETPH/8015
Polychlorinated Biphenyls							
PCB-1016	ND	390	ug/Kg	11/23/10		MH	SW 8082
PCB-1221	ND	390	ug/Kg	11/23/10		MH	SW 8082
PCB-1232	ND	390	ug/Kg	11/23/10		MH	SW 8082
PCB-1242	ND	390	ug/Kg	11/23/10		MH	SW 8082
PCB-1248	ND	390	ug/Kg	11/23/10		MH	SW 8082
PCB-1254	ND	390	ug/Kg	11/23/10		MH	SW 8082
PCB-1260	ND	390	ug/Kg	11/23/10		MH	SW 8082
PCB-1262	ND	390	ug/Kg	11/23/10		MH	SW 8082
PCB-1268	ND	390	ug/Kg	11/23/10		MH	SW 8082
QA/QC Surrogates							
% DCBP	105		%	11/23/10		MH	SW 8082
% TCMX	85		%	11/23/10		MH	SW 8082
Pesticides							
4,4' -DDD	ND	7.5	ug/Kg	11/24/10		KCA	SW8081
4,4' -DDE	9.9	7.5	ug/Kg	11/24/10		KCA	SW8081
4,4' -DDT	11	7.5	ug/Kg	11/24/10		KCA	SW8081
a-BHC	ND	3.8	ug/Kg	11/24/10		KCA	SW8081
Alachlor	ND	3.8	ug/Kg	11/24/10		KCA	SW8081
Aldrin	ND	1.2	ug/Kg	11/24/10		KCA	SW8081
b-BHC	ND	3.8	ug/Kg	11/24/10		KCA	SW8081
Chlordane	ND	12	ug/Kg	11/24/10		KCA	SW8081
d-BHC	ND	3.8	ug/Kg	11/24/10		KCA	SW8081
Dieldrin	ND	1.2	ug/Kg	11/24/10		KCA	SW8081
Endosulfan I	ND	3.8	ug/Kg	11/24/10		KCA	SW8081
Endosulfan II	ND	7.5	ug/Kg	11/24/10		KCA	SW8081
Endosulfan sulfate	ND	7.5	ug/Kg	11/24/10		KCA	SW8081
Endrin	ND	7.5	ug/Kg	11/24/10		KCA	SW8081
Endrin aldehyde	ND	7.5	ug/Kg	11/24/10		KCA	SW8081
Endrin ketone	ND	7.5	ug/Kg	11/24/10		KCA	SW8081
g-BHC	ND	1.2	ug/Kg	11/24/10		KCA	SW8081
Heptachlor	ND	2.4	ug/Kg	11/24/10		KCA	SW8081
Heptachlor epoxide	ND	3.8	ug/Kg	11/24/10		KCA	SW8081
Methoxychlor	ND	38	ug/Kg	11/24/10		KCA	SW8081
Toxaphene	ND	38	ug/Kg	11/24/10		KCA	SW8081
QA/QC Surrogates							
% DCBP	78		%	11/24/10		KCA	SW8081

Project ID: 09-088-02E
Client ID: DUPLICATE-1

Phoenix I.D.: AZ79415

Parameter	Result	RL	Units	Date	Time	By	Reference
% TCMX	64		%	11/24/10		KCA	SW8081
Polynuclear Aromatic HC							
2-Methylnaphthalene	ND	560	ug/Kg	11/20/10		KCA	SW 8270
Acenaphthene	ND	560	ug/Kg	11/20/10		KCA	SW 8270
Acenaphthylene	ND	560	ug/Kg	11/20/10		KCA	SW 8270
Anthracene	ND	560	ug/Kg	11/20/10		KCA	SW 8270
Benz(a)anthracene	ND	560	ug/Kg	11/20/10		KCA	SW 8270
Benzo(a)pyrene	ND	560	ug/Kg	11/20/10		KCA	SW 8270
Benzo(b)fluoranthene	ND	560	ug/Kg	11/20/10		KCA	SW 8270
Benzo(ghi)perylene	ND	560	ug/Kg	11/20/10		KCA	SW 8270
Benzo(k)fluoranthene	ND	560	ug/Kg	11/20/10		KCA	SW 8270
Chrysene	ND	560	ug/Kg	11/20/10		KCA	SW 8270
Dibenz(a,h)anthracene	ND	560	ug/Kg	11/20/10		KCA	SW 8270
Fluoranthene	ND	560	ug/Kg	11/20/10		KCA	SW 8270
Fluorene	ND	560	ug/Kg	11/20/10		KCA	SW 8270
Indeno(1,2,3-cd)pyrene	ND	560	ug/Kg	11/20/10		KCA	SW 8270
Naphthalene	ND	560	ug/Kg	11/20/10		KCA	SW 8270
Phenanthrene	ND	560	ug/Kg	11/20/10		KCA	SW 8270
Pyrene	ND	560	ug/Kg	11/20/10		KCA	SW 8270
QA/QC Surrogates							
% 2-Fluorobiphenyl	76		%	11/20/10		KCA	SW 8270
% Nitrobenzene-d5	77		%	11/20/10		KCA	SW 8270
% Terphenyl-d14	67		%	11/20/10		KCA	SW 8270

Comments:

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

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Phyllis Shiller

Phyllis Shiller, Laboratory Director
December 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

December 28, 2010

FOR: Attn: Mr. Ethan Stewart
Diversified Tech. Consultants
2321 Whitney Avenue 3rd floor
Hamden Center II
Hamden CT 06518

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		11/18/10	7:30
Location Code:	DTECHDAS	Received by:	SW	11/19/10	15:30
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GAZ79372
Phoenix ID: AZ79416

Project ID: 09-088-02E

Client ID: TRIP BLANK

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	11/22/10		DL	E160.3
Field Extraction	Completed			11/18/10		JOY	SW5035
Volatiles							
1,1,1,2-Tetrachloroethane	ND	250	ug/Kg	11/21/10		H/L	SW8260
1,1,1-Trichloroethane	ND	250	ug/Kg	11/21/10		H/L	SW8260
1,1,2,2-Tetrachloroethane	ND	250	ug/Kg	11/21/10		H/L	SW8260
1,1,2-Trichloroethane	ND	250	ug/Kg	11/21/10		H/L	SW8260
1,1-Dichloroethane	ND	250	ug/Kg	11/21/10		H/L	SW8260
1,1-Dichloroethene	ND	250	ug/Kg	11/21/10		H/L	SW8260
1,1-Dichloropropene	ND	250	ug/Kg	11/21/10		H/L	SW8260
1,2,3-Trichlorobenzene	ND	250	ug/Kg	11/21/10		H/L	SW8260
1,2,3-Trichloropropane	ND	250	ug/Kg	11/21/10		H/L	SW8260
1,2,4-Trichlorobenzene	ND	250	ug/Kg	11/21/10		H/L	SW8260
1,2,4-Trimethylbenzene	ND	250	ug/Kg	11/21/10		H/L	SW8260
1,2-Dibromo-3-chloropropane	ND	250	ug/Kg	11/21/10		H/L	SW8260
1,2-Dichlorobenzene	ND	250	ug/Kg	11/21/10		H/L	SW8260
1,2-Dichloroethane	ND	250	ug/Kg	11/21/10		H/L	SW8260
1,2-Dichloropropane	ND	250	ug/Kg	11/21/10		H/L	SW8260
1,3,5-Trimethylbenzene	ND	250	ug/Kg	11/21/10		H/L	SW8260
1,3-Dichlorobenzene	ND	250	ug/Kg	11/21/10		H/L	SW8260
1,3-Dichloropropane	ND	250	ug/Kg	11/21/10		H/L	SW8260
1,4-Dichlorobenzene	ND	250	ug/Kg	11/21/10		H/L	SW8260
2,2-Dichloropropane	ND	250	ug/Kg	11/21/10		H/L	SW8260
2-Chlorotoluene	ND	250	ug/Kg	11/21/10		H/L	SW8260
2-Hexanone	ND	1300	ug/Kg	11/21/10		H/L	SW8260
2-Isopropyltoluene	ND	250	ug/Kg	11/21/10		H/L	SW8260
4-Chlorotoluene	ND	250	ug/Kg	11/21/10		H/L	SW8260

Project ID: 09-088-02E
Client ID: TRIP BLANK

Phoenix I.D.: AZ79416

Parameter	Result	RL	Units	Date	Time	By	Reference
4-Methyl-2-pentanone	ND	1300	ug/Kg	11/21/10		H/L	SW8260
Acetone	ND	5000	ug/Kg	11/21/10		H/L	SW8260
Acrylonitrile	ND	500	ug/Kg	11/21/10		H/L	SW8260
Benzene	ND	250	ug/Kg	11/21/10		H/L	SW8260
Bromobenzene	ND	250	ug/Kg	11/21/10		H/L	SW8260
Bromochloromethane	ND	250	ug/Kg	11/21/10		H/L	SW8260
Bromodichloromethane	ND	250	ug/Kg	11/21/10		H/L	SW8260
Bromoform	ND	250	ug/Kg	11/21/10		H/L	SW8260
Bromomethane	ND	250	ug/Kg	11/21/10		H/L	SW8260
Carbon Disulfide	ND	250	ug/Kg	11/21/10		H/L	SW8260
Carbon tetrachloride	ND	250	ug/Kg	11/21/10		H/L	SW8260
Chlorobenzene	ND	250	ug/Kg	11/21/10		H/L	SW8260
Chloroethane	ND	250	ug/Kg	11/21/10		H/L	SW8260
Chloroform	ND	250	ug/Kg	11/21/10		H/L	SW8260
Chloromethane	ND	250	ug/Kg	11/21/10		H/L	SW8260
cis-1,2-Dichloroethene	ND	250	ug/Kg	11/21/10		H/L	SW8260
cis-1,3-Dichloropropene	ND	250	ug/Kg	11/21/10		H/L	SW8260
Dibromochloromethane	ND	250	ug/Kg	11/21/10		H/L	SW8260
Dibromoethane	ND	250	ug/Kg	11/21/10		H/L	SW8260
Dibromomethane	ND	250	ug/Kg	11/21/10		H/L	SW8260
Dichlorodifluoromethane	ND	250	ug/Kg	11/21/10		H/L	SW8260
Ethylbenzene	ND	250	ug/Kg	11/21/10		H/L	SW8260
Hexachlorobutadiene	ND	250	ug/Kg	11/21/10		H/L	SW8260
Isopropylbenzene	ND	250	ug/Kg	11/21/10		H/L	SW8260
m&p-Xylene	ND	250	ug/Kg	11/21/10		H/L	SW8260
Methyl Ethyl Ketone	ND	3000	ug/Kg	11/21/10		H/L	SW8260
Methyl t-butyl ether (MTBE)	ND	250	ug/Kg	11/21/10		H/L	SW8260
Methylene chloride	ND	500	ug/Kg	11/21/10		H/L	SW8260
Naphthalene	ND	250	ug/Kg	11/21/10		H/L	SW8260
n-Butylbenzene	ND	250	ug/Kg	11/21/10		H/L	SW8260
n-Propylbenzene	ND	250	ug/Kg	11/21/10		H/L	SW8260
o-Xylene	ND	250	ug/Kg	11/21/10		H/L	SW8260
p-Isopropyltoluene	ND	250	ug/Kg	11/21/10		H/L	SW8260
sec-Butylbenzene	ND	250	ug/Kg	11/21/10		H/L	SW8260
Styrene	ND	250	ug/Kg	11/21/10		H/L	SW8260
tert-Butylbenzene	ND	250	ug/Kg	11/21/10		H/L	SW8260
Tetrachloroethene	ND	250	ug/Kg	11/21/10		H/L	SW8260
Tetrahydrofuran (THF)	ND	500	ug/Kg	11/21/10		H/L	SW8260
Toluene	ND	250	ug/Kg	11/21/10		H/L	SW8260
Total Xylenes	ND	250	ug/Kg	11/21/10		H/L	SW8260
trans-1,2-Dichloroethene	ND	250	ug/Kg	11/21/10		H/L	SW8260
trans-1,3-Dichloropropene	ND	250	ug/Kg	11/21/10		H/L	SW8260
trans-1,4-dichloro-2-butene	ND	500	ug/Kg	11/21/10		H/L	SW8260
Trichloroethene	ND	250	ug/Kg	11/21/10		H/L	SW8260
Trichlorofluoromethane	ND	250	ug/Kg	11/21/10		H/L	SW8260
Trichlorotrifluoroethane	ND	250	ug/Kg	11/21/10		H/L	SW8260
Vinyl chloride	ND	250	ug/Kg	11/21/10		H/L	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	99		%	11/21/10		H/L	SW8260
% Bromofluorobenzene	96		%	11/21/10		H/L	SW8260

Project ID: 09-088-02E
Client ID: TRIP BLANK

Phoenix I.D.: AZ79416

Parameter	Result	RL	Units	Date	Time	By	Reference
% Dibromofluoromethane	97		%	11/21/10		H/L	SW8260
% Toluene-d8	95		%	11/21/10		H/L	SW8260

Comments:

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

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Phyllis Shiller, Laboratory Director
December 28, 2010

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

December 28, 2010

FOR: Attn: Mr. Ethan Stewart
Diversified Tech. Consultants
2321 Whitney Avenue 3rd floor
Hamden Center II
Hamden CT 06518

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		11/18/10	9:35
Location Code:	DTECHDAS	Received by:	SW	11/19/10	15:30
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GAZ79372
Phoenix ID: AZ79417

Project ID: 09-088-02E

Client ID: B1 12-13.4 FT

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.

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Phyllis Shiller, Laboratory Director
December 28, 2010

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

December 28, 2010

FOR: Attn: Mr. Ethan Stewart
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:		11/18/10	11:00
Location Code:	DTECHDAS	Received by:	SW	11/19/10	15:30
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GAZ79372
Phoenix ID: AZ79418

Project ID: 09-088-02E

Client ID: B8/GW

Parameter	Result	RL	Units	Date	Time	By	Reference
O&G, Non-polar Material	< 1.4	1.4	mg/L	11/22/10		MF	Mod. E1664A
Semi-Volatile Extraction	Completed			11/20/10		D/E	SW3510/3520
Semivolatiles by SIM							
2-Methylnaphthalene	ND	2.5	ug/L	11/22/10		KCA	8270(SIM)
Acenaphthene	ND	2.5	ug/L	11/22/10		KCA	8270(SIM)
Acenaphthylene	ND	0.30	ug/L	11/22/10		KCA	8270(SIM)
Anthracene	ND	2.5	ug/L	11/22/10		KCA	8270(SIM)
Benz(a)anthracene	0.052	0.020	ug/L	11/22/10		KCA	8270(SIM)
Benzo(a)pyrene	0.072	0.020	ug/L	11/22/10		KCA	8270(SIM)
Benzo(b)fluoranthene	0.087	0.020	ug/L	11/22/10		KCA	8270(SIM)
Benzo(ghi)perylene	ND	2.5	ug/L	11/22/10		KCA	8270(SIM)
Benzo(k)fluoranthene	0.034	0.020	ug/L	11/22/10		KCA	8270(SIM)
Chrysene	0.055	0.020	ug/L	11/22/10		KCA	8270(SIM)
Dibenz(a,h)anthracene	0.025	0.010	ug/L	11/22/10		KCA	8270(SIM)
Fluoranthene	ND	2.5	ug/L	11/22/10		KCA	8270(SIM)
Fluorene	ND	2.5	ug/L	11/22/10		KCA	8270(SIM)
Indeno(1,2,3-cd)pyrene	0.05	0.020	ug/L	11/22/10		KCA	8270(SIM)
Naphthalene	ND	2.5	ug/L	11/22/10		KCA	8270(SIM)
Phenanthrene	ND	0.070	ug/L	11/22/10		KCA	8270(SIM)
Pyrene	ND	2.5	ug/L	11/22/10		KCA	8270(SIM)
QA/QC Surrogates							
% 2-Fluorobiphenyl	73		%	11/22/10		KCA	8270(SIM)
% Nitrobenzene-d5	81		%	11/22/10		KCA	8270(SIM)
% Terphenyl-d14	76		%	11/22/10		KCA	8270(SIM)
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	11/21/10		H/L	SW8260

Project ID: 09-088-02E
Client ID: B8/GW

Phoenix I.D.: AZ79418

Parameter	Result	RL	Units	Date	Time	By	Reference
1,1,1-Trichloroethane	ND	1.0	ug/L	11/21/10		H/L	SW8260
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	11/21/10		H/L	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	11/21/10		H/L	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	11/21/10		H/L	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	11/21/10		H/L	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	11/21/10		H/L	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	11/21/10		H/L	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	11/21/10		H/L	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	11/21/10		H/L	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	11/21/10		H/L	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	11/21/10		H/L	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	11/21/10		H/L	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	11/21/10		H/L	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	11/21/10		H/L	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	11/21/10		H/L	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	11/21/10		H/L	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	11/21/10		H/L	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	11/21/10		H/L	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	11/21/10		H/L	SW8260
2-Chlorotoluene	ND	1.0	ug/L	11/21/10		H/L	SW8260
2-Hexanone	ND	5.0	ug/L	11/21/10		H/L	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	11/21/10		H/L	SW8260
4-Chlorotoluene	ND	1.0	ug/L	11/21/10		H/L	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	11/21/10		H/L	SW8260
Acetone	ND	25	ug/L	11/21/10		H/L	SW8260
Acrylonitrile	ND	5.0	ug/L	11/21/10		H/L	SW8260
Benzene	ND	1.0	ug/L	11/21/10		H/L	SW8260
Bromobenzene	ND	1.0	ug/L	11/21/10		H/L	SW8260
Bromochloromethane	ND	1.0	ug/L	11/21/10		H/L	SW8260
Bromodichloromethane	ND	0.50	ug/L	11/21/10		H/L	SW8260
Bromoform	ND	1.0	ug/L	11/21/10		H/L	SW8260
Bromomethane	ND	1.0	ug/L	11/21/10		H/L	SW8260
Carbon Disulfide	ND	5.0	ug/L	11/21/10		H/L	SW8260
Carbon tetrachloride	ND	1.0	ug/L	11/21/10		H/L	SW8260
Chlorobenzene	ND	1.0	ug/L	11/21/10		H/L	SW8260
Chloroethane	ND	1.0	ug/L	11/21/10		H/L	SW8260
Chloroform	ND	1.0	ug/L	11/21/10		H/L	SW8260
Chloromethane	ND	1.0	ug/L	11/21/10		H/L	SW8260
cis-1,2-Dichloroethene	ND	1.0	ug/L	11/21/10		H/L	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	11/21/10		H/L	SW8260
Dibromochloromethane	ND	0.50	ug/L	11/21/10		H/L	SW8260
Dibromoethane	ND	1.0	ug/L	11/21/10		H/L	SW8260
Dibromomethane	ND	1.0	ug/L	11/21/10		H/L	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	11/21/10		H/L	SW8260
Ethylbenzene	ND	1.0	ug/L	11/21/10		H/L	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	11/21/10		H/L	SW8260
Isopropylbenzene	ND	1.0	ug/L	11/21/10		H/L	SW8260
m&p-Xylene	ND	1.0	ug/L	11/21/10		H/L	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	11/21/10		H/L	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	11/21/10		H/L	SW8260

Project ID: 09-088-02E
Client ID: B8/GW

Phoenix I.D.: AZ79418

Parameter	Result	RL	Units	Date	Time	By	Reference
Methylene chloride	ND	1.0	ug/L	11/21/10		H/L	SW8260
Naphthalene	ND	1.0	ug/L	11/21/10		H/L	SW8260
n-Butylbenzene	ND	1.0	ug/L	11/21/10		H/L	SW8260
n-Propylbenzene	ND	1.0	ug/L	11/21/10		H/L	SW8260
o-Xylene	ND	1.0	ug/L	11/21/10		H/L	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	11/21/10		H/L	SW8260
sec-Butylbenzene	ND	1.0	ug/L	11/21/10		H/L	SW8260
Styrene	ND	1.0	ug/L	11/21/10		H/L	SW8260
tert-Butylbenzene	ND	1.0	ug/L	11/21/10		H/L	SW8260
Tetrachloroethene	ND	1.0	ug/L	11/21/10		H/L	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	11/21/10		H/L	SW8260
Toluene	ND	1.0	ug/L	11/21/10		H/L	SW8260
Total Xylenes	ND	1.0	ug/L	11/21/10		H/L	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	11/21/10		H/L	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	11/21/10		H/L	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	11/21/10		H/L	SW8260
Trichloroethene	ND	1.0	ug/L	11/21/10		H/L	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	11/21/10		H/L	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	11/21/10		H/L	SW8260
Vinyl chloride	ND	1.0	ug/L	11/21/10		H/L	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	106		%	11/21/10		H/L	SW8260
% Bromofluorobenzene	88		%	11/21/10		H/L	SW8260
% Dibromofluoromethane	105		%	11/21/10		H/L	SW8260
% Toluene-d8	99		%	11/21/10		H/L	SW8260

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
December 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

December 28, 2010

FOR: Attn: Mr. Ethan Stewart
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:		11/18/10	12:00
Location Code:	DTECHDAS	Received by:	SW	11/19/10	15:30
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GAZ79372
Phoenix ID: AZ79419

Project ID: 09-088-02E
Client ID: B7/GW

Parameter	Result	RL	Units	Date	Time	By	Reference
Arsenic	0.079	0.004	mg/L	11/20/10		TH	6010/200.7
Barium	5.50	0.002	mg/L	11/20/10		TH	6010/200.7
Cadmium	0.017	0.001	mg/L	11/20/10		J/E	6010/200.7
Chromium	0.237	0.001	mg/L	11/20/10		TH	6010/200.7
Copper	2.26	0.010	mg/L	11/22/10		EK	6010/200.7
Arsenic (Dissolved)	< 0.004	0.004	mg/L	11/20/10		TH	6010/200.7
Barium (Dissolved)	0.103	0.002	mg/L	11/20/10		TH	6010/200.7
Cadmium (Dissolved)	< 0.001	0.001	mg/L	11/20/10		LK	6010/200.7
Chromium (Dissolved)	0.001	0.001	mg/L	11/20/10		TH	6010/200.7
Copper (Dissolved)	0.008	0.001	mg/L	11/20/10		LK	6010/200.7
Mercury (Dissolved)	< 0.0002	0.0002	mg/L	11/24/10		RS	7470/E245.1
Lead (Dissolved)	0.003	0.002	mg/L	11/20/10		LK	6010/200.7
Zinc (Dissolved)	0.012	0.002	mg/L	11/20/10		LK	6010/200.7
Mercury	< 0.0002	0.0002	mg/L	11/24/10		RS	7470/E245.1
Lead	0.497	0.002	mg/L	11/20/10		J/E	6010/200.7
Zinc	2.89	0.020	mg/L	11/22/10		EK	6010/200.7
O&G, Non-polar Material	4.8	1.4	mg/L	11/22/10		MF	Mod. E1664A
Filtration	Completed			11/19/10		AG	0.45um Filter
Dissolved Mercury Digestion	Completed			11/22/10		X	SW7470
Mercury Digestion	Completed			11/22/10		X	7471/245.1
Extraction for Herbicide	Completed			11/23/10		KD/D	SW8151
PCB Extraction	Completed			11/22/10		C/DA	SW3500B/3510C
Extraction for Pest (2 Liter)	Completed			11/22/10		C/DA	3520MOD
Semi-Volatile Extraction	Completed			11/20/10		D/E	SW3510/3520
Dissolved Metals Preparation	Completed			11/19/10		AG	SW846-3005
Total Metals Digestion	Completed			11/19/10		AG	

Project ID: 09-088-02E
Client ID: B7/GW

Phoenix I.D.: AZ79419

Parameter	Result	RL	Units	Date	Time	By	Reference
Pesticides							
4,4' -DDD	ND	0.1	ug/L	11/24/10		MH	SW8081
4,4' -DDE	ND	0.1	ug/L	11/24/10		MH	SW8081
4,4' -DDT	ND	0.1	ug/L	11/24/10		MH	SW8081
a-BHC	ND	0.05	ug/L	11/24/10		MH	SW8081
Alachlor	ND	0.1	ug/L	11/24/10		MH	SW8081
Aldrin	ND	0.003	ug/L	11/24/10		MH	SW8081
b-BHC	ND	0.01	ug/L	11/24/10		MH	SW8081
Chlordane	ND	0.3	ug/L	11/24/10		MH	SW8081
d-BHC	ND	0.05	ug/L	11/24/10		MH	SW8081
Dieldrin	ND	0.002	ug/L	11/24/10		MH	SW8081
Endosulfan I	ND	0.05	ug/L	11/24/10		MH	SW8081
Endosulfan II	ND	0.1	ug/L	11/24/10		MH	SW8081
Endosulfan Sulfate	ND	0.1	ug/L	11/24/10		MH	SW8081
Endrin	ND	0.1	ug/L	11/24/10		MH	SW8081
Endrin Aldehyde	ND	0.1	ug/L	11/24/10		MH	SW8081
g-BHC (Lindane)	ND	0.05	ug/L	11/24/10		MH	SW8081
Heptachlor	ND	0.05	ug/L	11/24/10		MH	SW8081
Heptachlor epoxide	ND	0.05	ug/L	11/24/10		MH	SW8081
Methoxychlor	ND	0.2	ug/L	11/24/10		MH	SW8081
Toxaphene	ND	1.0	ug/L	11/24/10		MH	SW8081
QA/QC Surrogates							
%DCBP (Surrogate Rec)	76		%	11/24/10		MH	SW8081
%TCMX (Surrogate Rec)	50		%	11/24/10		MH	SW8081
Semivolatiles by SIM							
2-Methylnaphthalene	ND	2.8	ug/L	11/22/10		KCA	8270(SIM)
Acenaphthene	ND	2.8	ug/L	11/22/10		KCA	8270(SIM)
Acenaphthylene	ND	0.30	ug/L	11/22/10		KCA	8270(SIM)
Anthracene	ND	2.8	ug/L	11/22/10		KCA	8270(SIM)
Benz(a)anthracene	ND	0.023	ug/L	11/22/10		KCA	8270(SIM)
Benzo(a)pyrene	ND	0.023	ug/L	11/22/10		KCA	8270(SIM)
Benzo(b)fluoranthene	ND	0.023	ug/L	11/22/10		KCA	8270(SIM)
Benzo(ghi)perylene	ND	2.8	ug/L	11/22/10		KCA	8270(SIM)
Benzo(k)fluoranthene	ND	0.023	ug/L	11/22/10		KCA	8270(SIM)
Chrysene	ND	0.023	ug/L	11/22/10		KCA	8270(SIM)
Dibenz(a,h)anthracene	ND	0.010	ug/L	11/22/10		KCA	8270(SIM)
Fluoranthene	ND	2.8	ug/L	11/22/10		KCA	8270(SIM)
Fluorene	ND	2.8	ug/L	11/22/10		KCA	8270(SIM)
Indeno(1,2,3-cd)pyrene	ND	0.023	ug/L	11/22/10		KCA	8270(SIM)
Naphthalene	ND	2.8	ug/L	11/22/10		KCA	8270(SIM)
Phenanthrene	ND	0.077	ug/L	11/22/10		KCA	8270(SIM)
Pyrene	ND	2.8	ug/L	11/22/10		KCA	8270(SIM)
QA/QC Surrogates							
% 2-Fluorobiphenyl	72		%	11/22/10		KCA	8270(SIM)
% Nitrobenzene-d5	81		%	11/22/10		KCA	8270(SIM)
% Terphenyl-d14	72		%	11/22/10		KCA	8270(SIM)
Chlorinated Herbicides							
2,4,5-T	ND	0.56	ug/L	11/24/10		JRB	SW8151

Project ID: 09-088-02E
Client ID: B7/GW

Phoenix I.D.: AZ79419

Parameter	Result	RL	Units	Date	Time	By	Reference
2,4,5-TP (Silvex)	ND	0.56	ug/L	11/24/10		JRB	SW8151
2,4-D	ND	1.1	ug/L	11/24/10		JRB	SW8151
2,4-DB	ND	3.3	ug/L	11/24/10		JRB	SW8151
Dalapon	ND	2.8	ug/L	11/24/10		JRB	SW8151
Dicamba	ND	0.56	ug/L	11/24/10		JRB	SW8151
Dichloroprop	ND	0.56	ug/L	11/24/10		JRB	SW8151
Dinoseb	ND	0.56	ug/L	11/24/10		JRB	SW8151
QA/QC Surrogates							
% DCAA	88		%	11/24/10		JRB	SW8151
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	11/21/10		H/L	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	11/21/10		H/L	SW8260
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	11/21/10		H/L	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	11/21/10		H/L	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	11/21/10		H/L	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	11/21/10		H/L	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	11/21/10		H/L	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	11/21/10		H/L	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	11/21/10		H/L	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	11/21/10		H/L	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	11/21/10		H/L	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	11/21/10		H/L	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	11/21/10		H/L	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	11/21/10		H/L	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	11/21/10		H/L	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	11/21/10		H/L	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	11/21/10		H/L	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	11/21/10		H/L	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	11/21/10		H/L	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	11/21/10		H/L	SW8260
2-Chlorotoluene	ND	1.0	ug/L	11/21/10		H/L	SW8260
2-Hexanone	ND	5.0	ug/L	11/21/10		H/L	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	11/21/10		H/L	SW8260
4-Chlorotoluene	ND	1.0	ug/L	11/21/10		H/L	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	11/21/10		H/L	SW8260
Acetone	ND	25	ug/L	11/21/10		H/L	SW8260
Acrylonitrile	ND	5.0	ug/L	11/21/10		H/L	SW8260
Benzene	ND	1.0	ug/L	11/21/10		H/L	SW8260
Bromobenzene	ND	1.0	ug/L	11/21/10		H/L	SW8260
Bromochloromethane	ND	1.0	ug/L	11/21/10		H/L	SW8260
Bromodichloromethane	ND	0.50	ug/L	11/21/10		H/L	SW8260
Bromoform	ND	1.0	ug/L	11/21/10		H/L	SW8260
Bromomethane	ND	1.0	ug/L	11/21/10		H/L	SW8260
Carbon Disulfide	ND	5.0	ug/L	11/21/10		H/L	SW8260
Carbon tetrachloride	ND	1.0	ug/L	11/21/10		H/L	SW8260
Chlorobenzene	ND	1.0	ug/L	11/21/10		H/L	SW8260
Chloroethane	ND	1.0	ug/L	11/21/10		H/L	SW8260
Chloroform	ND	1.0	ug/L	11/21/10		H/L	SW8260
Chloromethane	ND	1.0	ug/L	11/21/10		H/L	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference
cis-1,2-Dichloroethene	ND	1.0	ug/L	11/21/10		H/L	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	11/21/10		H/L	SW8260
Dibromochloromethane	ND	0.50	ug/L	11/21/10		H/L	SW8260
Dibromoethane	ND	1.0	ug/L	11/21/10		H/L	SW8260
Dibromomethane	ND	1.0	ug/L	11/21/10		H/L	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	11/21/10		H/L	SW8260
Ethylbenzene	ND	1.0	ug/L	11/21/10		H/L	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	11/21/10		H/L	SW8260
Isopropylbenzene	ND	1.0	ug/L	11/21/10		H/L	SW8260
m&p-Xylene	ND	1.0	ug/L	11/21/10		H/L	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	11/21/10		H/L	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	11/21/10		H/L	SW8260
Methylene chloride	ND	1.0	ug/L	11/21/10		H/L	SW8260
Naphthalene	ND	1.0	ug/L	11/21/10		H/L	SW8260
n-Butylbenzene	ND	1.0	ug/L	11/21/10		H/L	SW8260
n-Propylbenzene	ND	1.0	ug/L	11/21/10		H/L	SW8260
o-Xylene	ND	1.0	ug/L	11/21/10		H/L	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	11/21/10		H/L	SW8260
sec-Butylbenzene	ND	1.0	ug/L	11/21/10		H/L	SW8260
Styrene	ND	1.0	ug/L	11/21/10		H/L	SW8260
tert-Butylbenzene	ND	1.0	ug/L	11/21/10		H/L	SW8260
Tetrachloroethene	ND	1.0	ug/L	11/21/10		H/L	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	11/21/10		H/L	SW8260
Toluene	ND	1.0	ug/L	11/21/10		H/L	SW8260
Total Xylenes	ND	1.0	ug/L	11/21/10		H/L	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	11/21/10		H/L	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	11/21/10		H/L	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	11/21/10		H/L	SW8260
Trichloroethene	ND	1.0	ug/L	11/21/10		H/L	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	11/21/10		H/L	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	11/21/10		H/L	SW8260
Vinyl chloride	ND	1.0	ug/L	11/21/10		H/L	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	107		%	11/21/10		H/L	SW8260
% Bromofluorobenzene	88		%	11/21/10		H/L	SW8260
% Dibromofluoromethane	95		%	11/21/10		H/L	SW8260
% Toluene-d8	99		%	11/21/10		H/L	SW8260
Polychlorinated Biphenyls							
PCB-1016	ND	0.10	ug/L	11/24/10		KCA	608/ 8082
PCB-1221	ND	0.10	ug/L	11/24/10		KCA	608/ 8082
PCB-1232	ND	0.10	ug/L	11/24/10		KCA	608/ 8082
PCB-1242	ND	0.10	ug/L	11/24/10		KCA	608/ 8082
PCB-1248	ND	0.10	ug/L	11/24/10		KCA	608/ 8082
PCB-1254	ND	0.10	ug/L	11/24/10		KCA	608/ 8082
PCB-1260	ND	0.10	ug/L	11/24/10		KCA	608/ 8082
PCB-1262	ND	0.10	ug/L	11/24/10		KCA	608/ 8082
PCB-1268	ND	0.10	ug/L	11/24/10		KCA	608/ 8082
QA/QC Surrogates							
% DCBP	130		%	11/24/10		KCA	608/ 8082

Project ID: 09-088-02E
Client ID: B7/GW

Phoenix I.D.: AZ79419

Parameter	Result	RL	Units	Date	Time	By	Reference
% TCMX	95		%	11/24/10		KCA	608/ 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
December 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

December 28, 2010

FOR: Attn: Mr. Ethan Stewart
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:		11/18/10	12:45
Location Code:	DTECHDAS	Received by:	SW	11/19/10	15:30
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GAZ79372
Phoenix ID: AZ79420

Project ID: 09-088-02E

Client ID: B6/GW

Parameter	Result	RL	Units	Date	Time	By	Reference
Arsenic	0.009	0.004	mg/L	11/20/10		TH	6010/200.7
Barium	0.282	0.002	mg/L	11/20/10		TH	6010/200.7
Cadmium	< 0.001	0.001	mg/L	11/20/10		J/E	6010/200.7
Chromium	0.021	0.001	mg/L	11/20/10		TH	6010/200.7
Copper	0.049	0.001	mg/L	11/20/10		J/E	6010/200.7
Arsenic (Dissolved)	< 0.004	0.004	mg/L	11/20/10		TH	6010/200.7
Barium (Dissolved)	0.127	0.002	mg/L	11/20/10		TH	6010/200.7
Cadmium (Dissolved)	< 0.001	0.001	mg/L	11/20/10		LK	6010/200.7
Chromium (Dissolved)	< 0.001	0.001	mg/L	11/20/10		TH	6010/200.7
Copper (Dissolved)	0.001	0.001	mg/L	11/20/10		LK	6010/200.7
Mercury (Dissolved)	< 0.0002	0.0002	mg/L	11/24/10		RS	7470/E245.1
Lead (Dissolved)	< 0.002	0.002	mg/L	11/20/10		LK	6010/200.7
Zinc (Dissolved)	0.007	0.002	mg/L	11/20/10		LK	6010/200.7
Mercury	< 0.0002	0.0002	mg/L	11/24/10		RS	7470/E245.1
Lead	0.012	0.002	mg/L	11/20/10		J/E	6010/200.7
Zinc	0.079	0.002	mg/L	11/20/10		J/E	6010/200.7
O&G, Non-polar Material	< 1.4	1.4	mg/L	11/22/10		MF	Mod. E1664A
Filtration	Completed			11/19/10		AG	0.45um Filter
Dissolved Mercury Digestion	Completed			11/22/10		X	SW7470
Mercury Digestion	Completed			11/22/10		X	7471/245.1
Extraction for Herbicide	Completed			11/23/10		KD/D	SW8151
PCB Extraction	Completed			11/22/10		C/DA	SW3500B/3510C
Extraction for Pest (2 Liter)	Completed			11/22/10		C/DA	3520MOD
Semi-Volatile Extraction	Completed			11/20/10		D/E	SW3510/3520
Dissolved Metals Preparation	Completed			11/19/10		AG	SW846-3005
Total Metals Digestion	Completed			11/19/10		AG	

Project ID: 09-088-02E
Client ID: B6/GW

Phoenix I.D.: AZ79420

Parameter	Result	RL	Units	Date	Time	By	Reference
Pesticides							
4,4'-DDD	ND	0.1	ug/L	11/24/10		MH	SW8081
4,4'-DDE	ND	0.1	ug/L	11/24/10		MH	SW8081
4,4'-DDT	ND	0.1	ug/L	11/24/10		MH	SW8081
a-BHC	ND	0.05	ug/L	11/24/10		MH	SW8081
Alachlor	ND	0.1	ug/L	11/24/10		MH	SW8081
Aldrin	ND	0.003	ug/L	11/24/10		MH	SW8081
b-BHC	ND	0.01	ug/L	11/24/10		MH	SW8081
Chlordane	ND	0.3	ug/L	11/24/10		MH	SW8081
d-BHC	ND	0.05	ug/L	11/24/10		MH	SW8081
Dieldrin	ND	0.002	ug/L	11/24/10		MH	SW8081
Endosulfan I	ND	0.05	ug/L	11/24/10		MH	SW8081
Endosulfan II	ND	0.1	ug/L	11/24/10		MH	SW8081
Endosulfan Sulfate	ND	0.1	ug/L	11/24/10		MH	SW8081
Endrin	ND	0.1	ug/L	11/24/10		MH	SW8081
Endrin Aldehyde	ND	0.1	ug/L	11/24/10		MH	SW8081
g-BHC (Lindane)	ND	0.05	ug/L	11/24/10		MH	SW8081
Heptachlor	ND	0.05	ug/L	11/24/10		MH	SW8081
Heptachlor epoxide	ND	0.05	ug/L	11/24/10		MH	SW8081
Methoxychlor	ND	0.2	ug/L	11/24/10		MH	SW8081
Toxaphene	ND	1.0	ug/L	11/24/10		MH	SW8081
QA/QC Surrogates							
%DCBP (Surrogate Rec)	145		%	11/24/10		MH	SW8081
%TCMX (Surrogate Rec)	96		%	11/24/10		MH	SW8081
Semivolatiles by SIM							
2-Methylnaphthalene	ND	2.5	ug/L	11/22/10		KCA	8270(SIM)
Acenaphthene	ND	2.5	ug/L	11/22/10		KCA	8270(SIM)
Acenaphthylene	ND	0.30	ug/L	11/22/10		KCA	8270(SIM)
Anthracene	ND	2.5	ug/L	11/22/10		KCA	8270(SIM)
Benz(a)anthracene	0.048	0.020	ug/L	11/22/10		KCA	8270(SIM)
Benzo(a)pyrene	0.045	0.020	ug/L	11/22/10		KCA	8270(SIM)
Benzo(b)fluoranthene	0.056	0.020	ug/L	11/22/10		KCA	8270(SIM)
Benzo(ghi)perylene	ND	2.5	ug/L	11/22/10		KCA	8270(SIM)
Benzo(k)fluoranthene	0.024	0.020	ug/L	11/22/10		KCA	8270(SIM)
Chrysene	0.039	0.020	ug/L	11/22/10		KCA	8270(SIM)
Dibenz(a,h)anthracene	ND	0.010	ug/L	11/22/10		KCA	8270(SIM)
Fluoranthene	ND	2.5	ug/L	11/22/10		KCA	8270(SIM)
Fluorene	ND	2.5	ug/L	11/22/10		KCA	8270(SIM)
Indeno(1,2,3-cd)pyrene	0.027	0.020	ug/L	11/22/10		KCA	8270(SIM)
Naphthalene	ND	2.5	ug/L	11/22/10		KCA	8270(SIM)
Phenanthrene	ND	0.070	ug/L	11/22/10		KCA	8270(SIM)
Pyrene	ND	2.5	ug/L	11/22/10		KCA	8270(SIM)
QA/QC Surrogates							
% 2-Fluorobiphenyl	73		%	11/22/10		KCA	8270(SIM)
% Nitrobenzene-d5	80		%	11/22/10		KCA	8270(SIM)
% Terphenyl-d14	74		%	11/22/10		KCA	8270(SIM)
Chlorinated Herbicides							
2,4,5-T	ND	0.50	ug/L	11/24/10		JRB	SW8151

Project ID: 09-088-02E
Client ID: B6/GW

Phoenix I.D.: AZ79420

Parameter	Result	RL	Units	Date	Time	By	Reference
2,4,5-TP (Silvex)	ND	0.50	ug/L	11/24/10		JRB	SW8151
2,4-D	ND	1.0	ug/L	11/24/10		JRB	SW8151
2,4-DB	ND	3.0	ug/L	11/24/10		JRB	SW8151
Dalapon	ND	2.5	ug/L	11/24/10		JRB	SW8151
Dicamba	ND	0.50	ug/L	11/24/10		JRB	SW8151
Dichloroprop	ND	0.50	ug/L	11/24/10		JRB	SW8151
Dinoseb	ND	0.50	ug/L	11/24/10		JRB	SW8151
QA/QC Surrogates							
% DCAA	124		%	11/24/10		JRB	SW8151
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	11/21/10		H/L	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	11/21/10		H/L	SW8260
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	11/21/10		H/L	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	11/21/10		H/L	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	11/21/10		H/L	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	11/21/10		H/L	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	11/21/10		H/L	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	11/21/10		H/L	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	11/21/10		H/L	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	11/21/10		H/L	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	11/21/10		H/L	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	11/21/10		H/L	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	11/21/10		H/L	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	11/21/10		H/L	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	11/21/10		H/L	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	11/21/10		H/L	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	11/21/10		H/L	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	11/21/10		H/L	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	11/21/10		H/L	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	11/21/10		H/L	SW8260
2-Chlorotoluene	ND	1.0	ug/L	11/21/10		H/L	SW8260
2-Hexanone	ND	5.0	ug/L	11/21/10		H/L	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	11/21/10		H/L	SW8260
4-Chlorotoluene	ND	1.0	ug/L	11/21/10		H/L	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	11/21/10		H/L	SW8260
Acetone	ND	25	ug/L	11/21/10		H/L	SW8260
Acrylonitrile	ND	5.0	ug/L	11/21/10		H/L	SW8260
Benzene	ND	1.0	ug/L	11/21/10		H/L	SW8260
Bromobenzene	ND	1.0	ug/L	11/21/10		H/L	SW8260
Bromochloromethane	ND	1.0	ug/L	11/21/10		H/L	SW8260
Bromodichloromethane	ND	0.50	ug/L	11/21/10		H/L	SW8260
Bromoform	ND	1.0	ug/L	11/21/10		H/L	SW8260
Bromomethane	ND	1.0	ug/L	11/21/10		H/L	SW8260
Carbon Disulfide	ND	5.0	ug/L	11/21/10		H/L	SW8260
Carbon tetrachloride	ND	1.0	ug/L	11/21/10		H/L	SW8260
Chlorobenzene	ND	1.0	ug/L	11/21/10		H/L	SW8260
Chloroethane	ND	1.0	ug/L	11/21/10		H/L	SW8260
Chloroform	ND	1.0	ug/L	11/21/10		H/L	SW8260
Chloromethane	ND	1.0	ug/L	11/21/10		H/L	SW8260

Project ID: 09-088-02E
Client ID: B6/GW

Phoenix I.D.: AZ79420

Parameter	Result	RL	Units	Date	Time	By	Reference
cis-1,2-Dichloroethene	ND	1.0	ug/L	11/21/10		H/L	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	11/21/10		H/L	SW8260
Dibromochloromethane	ND	0.50	ug/L	11/21/10		H/L	SW8260
Dibromoethane	ND	1.0	ug/L	11/21/10		H/L	SW8260
Dibromomethane	ND	1.0	ug/L	11/21/10		H/L	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	11/21/10		H/L	SW8260
Ethylbenzene	ND	1.0	ug/L	11/21/10		H/L	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	11/21/10		H/L	SW8260
Isopropylbenzene	ND	1.0	ug/L	11/21/10		H/L	SW8260
m&p-Xylene	ND	1.0	ug/L	11/21/10		H/L	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	11/21/10		H/L	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	11/21/10		H/L	SW8260
Methylene chloride	ND	1.0	ug/L	11/21/10		H/L	SW8260
Naphthalene	ND	1.0	ug/L	11/21/10		H/L	SW8260
n-Butylbenzene	ND	1.0	ug/L	11/21/10		H/L	SW8260
n-Propylbenzene	ND	1.0	ug/L	11/21/10		H/L	SW8260
o-Xylene	ND	1.0	ug/L	11/21/10		H/L	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	11/21/10		H/L	SW8260
sec-Butylbenzene	ND	1.0	ug/L	11/21/10		H/L	SW8260
Styrene	ND	1.0	ug/L	11/21/10		H/L	SW8260
tert-Butylbenzene	ND	1.0	ug/L	11/21/10		H/L	SW8260
Tetrachloroethene	ND	1.0	ug/L	11/21/10		H/L	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	11/21/10		H/L	SW8260
Toluene	ND	1.0	ug/L	11/21/10		H/L	SW8260
Total Xylenes	ND	1.0	ug/L	11/21/10		H/L	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	11/21/10		H/L	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	11/21/10		H/L	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	11/21/10		H/L	SW8260
Trichloroethene	ND	1.0	ug/L	11/21/10		H/L	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	11/21/10		H/L	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	11/21/10		H/L	SW8260
Vinyl chloride	ND	1.0	ug/L	11/21/10		H/L	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	106		%	11/21/10		H/L	SW8260
% Bromofluorobenzene	85		%	11/21/10		H/L	SW8260
% Dibromofluoromethane	93		%	11/21/10		H/L	SW8260
% Toluene-d8	99		%	11/21/10		H/L	SW8260
Polychlorinated Biphenyls							
PCB-1016	ND	0.10	ug/L	11/24/10		KCA	608/ 8082
PCB-1221	ND	0.10	ug/L	11/24/10		KCA	608/ 8082
PCB-1232	ND	0.10	ug/L	11/24/10		KCA	608/ 8082
PCB-1242	ND	0.10	ug/L	11/24/10		KCA	608/ 8082
PCB-1248	ND	0.10	ug/L	11/24/10		KCA	608/ 8082
PCB-1254	ND	0.10	ug/L	11/24/10		KCA	608/ 8082
PCB-1260	ND	0.10	ug/L	11/24/10		KCA	608/ 8082
PCB-1262	ND	0.10	ug/L	11/24/10		KCA	608/ 8082
PCB-1268	ND	0.10	ug/L	11/24/10		KCA	608/ 8082
QA/QC Surrogates							
% DCBP	128		%	11/24/10		KCA	608/ 8082

Project ID: 09-088-02E
Client ID: B6/GW

Phoenix I.D.: AZ79420

Parameter	Result	RL	Units	Date	Time	By	Reference
% TCMX	91		%	11/24/10		KCA	608/ 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
December 28, 2010

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

December 28, 2010

FOR: Attn: Mr. Ethan Stewart
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:		11/18/10	0:00
Location Code:	DTECHDAS	Received by:	SW	11/19/10	15:30
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GAZ79372
Phoenix ID: AZ79421

Project ID: 09-088-02E
Client ID: DUPLICATE-2

Parameter	Result	RL	Units	Date	Time	By	Reference
O&G, Non-polar Material	< 1.4	1.4	mg/L	11/22/10		MF	Mod. E1664A
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	11/21/10		H/L	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	11/21/10		H/L	SW8260
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	11/21/10		H/L	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	11/21/10		H/L	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	11/21/10		H/L	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	11/21/10		H/L	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	11/21/10		H/L	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	11/21/10		H/L	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	11/21/10		H/L	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	11/21/10		H/L	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	11/21/10		H/L	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	11/21/10		H/L	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	11/21/10		H/L	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	11/21/10		H/L	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	11/21/10		H/L	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	11/21/10		H/L	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	11/21/10		H/L	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	11/21/10		H/L	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	11/21/10		H/L	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	11/21/10		H/L	SW8260
2-Chlorotoluene	ND	1.0	ug/L	11/21/10		H/L	SW8260
2-Hexanone	ND	5.0	ug/L	11/21/10		H/L	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	11/21/10		H/L	SW8260
4-Chlorotoluene	ND	1.0	ug/L	11/21/10		H/L	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	11/21/10		H/L	SW8260

Project ID: 09-088-02E
Client ID: DUPLICATE-2

Phoenix I.D.: AZ79421

Parameter	Result	RL	Units	Date	Time	By	Reference
Acetone	ND	25	ug/L	11/21/10		H/L	SW8260
Acrylonitrile	ND	5.0	ug/L	11/21/10		H/L	SW8260
Benzene	ND	1.0	ug/L	11/21/10		H/L	SW8260
Bromobenzene	ND	1.0	ug/L	11/21/10		H/L	SW8260
Bromochloromethane	ND	1.0	ug/L	11/21/10		H/L	SW8260
Bromodichloromethane	ND	0.50	ug/L	11/21/10		H/L	SW8260
Bromoform	ND	1.0	ug/L	11/21/10		H/L	SW8260
Bromomethane	ND	1.0	ug/L	11/21/10		H/L	SW8260
Carbon Disulfide	ND	5.0	ug/L	11/21/10		H/L	SW8260
Carbon tetrachloride	ND	1.0	ug/L	11/21/10		H/L	SW8260
Chlorobenzene	ND	1.0	ug/L	11/21/10		H/L	SW8260
Chloroethane	ND	1.0	ug/L	11/21/10		H/L	SW8260
Chloroform	ND	1.0	ug/L	11/21/10		H/L	SW8260
Chloromethane	ND	1.0	ug/L	11/21/10		H/L	SW8260
cis-1,2-Dichloroethene	ND	1.0	ug/L	11/21/10		H/L	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	11/21/10		H/L	SW8260
Dibromochloromethane	ND	0.50	ug/L	11/21/10		H/L	SW8260
Dibromoethane	ND	1.0	ug/L	11/21/10		H/L	SW8260
Dibromomethane	ND	1.0	ug/L	11/21/10		H/L	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	11/21/10		H/L	SW8260
Ethylbenzene	ND	1.0	ug/L	11/21/10		H/L	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	11/21/10		H/L	SW8260
Isopropylbenzene	ND	1.0	ug/L	11/21/10		H/L	SW8260
m&p-Xylene	ND	1.0	ug/L	11/21/10		H/L	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	11/21/10		H/L	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	11/21/10		H/L	SW8260
Methylene chloride	ND	1.0	ug/L	11/21/10		H/L	SW8260
Naphthalene	ND	1.0	ug/L	11/21/10		H/L	SW8260
n-Butylbenzene	ND	1.0	ug/L	11/21/10		H/L	SW8260
n-Propylbenzene	ND	1.0	ug/L	11/21/10		H/L	SW8260
o-Xylene	ND	1.0	ug/L	11/21/10		H/L	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	11/21/10		H/L	SW8260
sec-Butylbenzene	ND	1.0	ug/L	11/21/10		H/L	SW8260
Styrene	ND	1.0	ug/L	11/21/10		H/L	SW8260
tert-Butylbenzene	ND	1.0	ug/L	11/21/10		H/L	SW8260
Tetrachloroethene	ND	1.0	ug/L	11/21/10		H/L	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	11/21/10		H/L	SW8260
Toluene	ND	1.0	ug/L	11/21/10		H/L	SW8260
Total Xylenes	ND	1.0	ug/L	11/21/10		H/L	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	11/21/10		H/L	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	11/21/10		H/L	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	11/21/10		H/L	SW8260
Trichloroethene	ND	1.0	ug/L	11/21/10		H/L	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	11/21/10		H/L	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	11/21/10		H/L	SW8260
Vinyl chloride	ND	1.0	ug/L	11/21/10		H/L	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	104		%	11/21/10		H/L	SW8260
% Bromofluorobenzene	85		%	11/21/10		H/L	SW8260
% Dibromofluoromethane	97		%	11/21/10		H/L	SW8260

Project ID: 09-088-02E
Client ID: DUPLICATE-2

Phoenix I.D.: AZ79421

Parameter	Result	RL	Units	Date	Time	By	Reference
% Toluene-d8	99		%	11/21/10		H/L	SW8260

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
December 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

December 28, 2010

FOR: Attn: Mr. Ethan Stewart
Diversified Tech. Consultants
2321 Whitney Avenue 3rd floor
Hamden Center II
Hamden CT 06518

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:		11/18/10	0:00
Location Code:	DTECHDAS	Received by:	SW	11/19/10	15:30
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GAZ79372
Phoenix ID: AZ79422

Project ID: 09-088-02E

Client ID: FIELD BLANK

Parameter	Result	RL	Units	Date	Time	By	Reference
O&G, Non-polar Material	< 1.4	1.4	mg/L	11/22/10		MF	Mod. E1664A
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	11/23/10		H/L	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	11/23/10		H/L	SW8260
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	11/23/10		H/L	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	11/23/10		H/L	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	11/23/10		H/L	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	11/23/10		H/L	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	11/23/10		H/L	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	11/23/10		H/L	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	11/23/10		H/L	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	11/23/10		H/L	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	11/23/10		H/L	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	11/23/10		H/L	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	11/23/10		H/L	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	11/23/10		H/L	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	11/23/10		H/L	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	11/23/10		H/L	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	11/23/10		H/L	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	11/23/10		H/L	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	11/23/10		H/L	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	11/23/10		H/L	SW8260
2-Chlorotoluene	ND	1.0	ug/L	11/23/10		H/L	SW8260
2-Hexanone	ND	5.0	ug/L	11/23/10		H/L	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	11/23/10		H/L	SW8260
4-Chlorotoluene	ND	1.0	ug/L	11/23/10		H/L	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	11/23/10		H/L	SW8260

Project ID: 09-088-02E
Client ID: FIELD BLANK

Phoenix I.D.: AZ79422

Parameter	Result	RL	Units	Date	Time	By	Reference
Acetone	ND	25	ug/L	11/23/10		H/L	SW8260
Acrylonitrile	ND	5.0	ug/L	11/23/10		H/L	SW8260
Benzene	ND	1.0	ug/L	11/23/10		H/L	SW8260
Bromobenzene	ND	1.0	ug/L	11/23/10		H/L	SW8260
Bromochloromethane	ND	1.0	ug/L	11/23/10		H/L	SW8260
Bromodichloromethane	ND	0.50	ug/L	11/23/10		H/L	SW8260
Bromoform	ND	1.0	ug/L	11/23/10		H/L	SW8260
Bromomethane	ND	1.0	ug/L	11/23/10		H/L	SW8260
Carbon Disulfide	ND	5.0	ug/L	11/23/10		H/L	SW8260
Carbon tetrachloride	ND	1.0	ug/L	11/23/10		H/L	SW8260
Chlorobenzene	ND	1.0	ug/L	11/23/10		H/L	SW8260
Chloroethane	ND	1.0	ug/L	11/23/10		H/L	SW8260
Chloroform	ND	1.0	ug/L	11/23/10		H/L	SW8260
Chloromethane	ND	1.0	ug/L	11/23/10		H/L	SW8260
cis-1,2-Dichloroethene	ND	1.0	ug/L	11/23/10		H/L	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	11/23/10		H/L	SW8260
Dibromochloromethane	ND	0.50	ug/L	11/23/10		H/L	SW8260
Dibromoethane	ND	1.0	ug/L	11/23/10		H/L	SW8260
Dibromomethane	ND	1.0	ug/L	11/23/10		H/L	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	11/23/10		H/L	SW8260
Ethylbenzene	ND	1.0	ug/L	11/23/10		H/L	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	11/23/10		H/L	SW8260
Isopropylbenzene	ND	1.0	ug/L	11/23/10		H/L	SW8260
m&p-Xylene	ND	1.0	ug/L	11/23/10		H/L	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	11/23/10		H/L	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	11/23/10		H/L	SW8260
Methylene chloride	ND	1.0	ug/L	11/23/10		H/L	SW8260
Naphthalene	ND	1.0	ug/L	11/23/10		H/L	SW8260
n-Butylbenzene	ND	1.0	ug/L	11/23/10		H/L	SW8260
n-Propylbenzene	ND	1.0	ug/L	11/23/10		H/L	SW8260
o-Xylene	ND	1.0	ug/L	11/23/10		H/L	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	11/23/10		H/L	SW8260
sec-Butylbenzene	ND	1.0	ug/L	11/23/10		H/L	SW8260
Styrene	ND	1.0	ug/L	11/23/10		H/L	SW8260
tert-Butylbenzene	ND	1.0	ug/L	11/23/10		H/L	SW8260
Tetrachloroethene	ND	1.0	ug/L	11/23/10		H/L	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	11/23/10		H/L	SW8260
Toluene	ND	1.0	ug/L	11/23/10		H/L	SW8260
Total Xylenes	ND	1.0	ug/L	11/23/10		H/L	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	11/23/10		H/L	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	11/23/10		H/L	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	11/23/10		H/L	SW8260
Trichloroethene	ND	1.0	ug/L	11/23/10		H/L	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	11/23/10		H/L	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	11/23/10		H/L	SW8260
Vinyl chloride	ND	1.0	ug/L	11/23/10		H/L	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	105		%	11/23/10		H/L	SW8260
% Bromofluorobenzene	86		%	11/23/10		H/L	SW8260
% Dibromofluoromethane	93		%	11/23/10		H/L	SW8260

Project ID: 09-088-02E
Client ID: FIELD BLANK

Phoenix I.D.: AZ79422

Parameter	Result	RL	Units	Date	Time	By	Reference
% Toluene-d8	99		%	11/23/10		H/L	SW8260

Comments:

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Phyllis Shiller, Laboratory Director
December 28, 2010

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

December 28, 2010

QA/QC Data

SDG I.D.: GAZ79372

Parameter	Blank	Dup RPD	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch 166120, QC Sample No: AZ78714 (AZ79419, AZ79420)								
ICP Metals - Aqueous								
Arsenic	BDL	NC	100	96.5	3.6	91.1	94.0	3.1
Barium	BDL	NC	105	100	4.9	95.9	97.6	1.8
Cadmium	BDL	NC	103	98.3	4.7	93.7	96.2	2.6
Chromium	BDL	NC	104	99.0	4.9	94.2	96.8	2.7
Copper	BDL	NC	107	102	4.8	96.9	99.4	2.5
Lead	BDL	NC	103	98.5	4.5	94.0	96.4	2.5
Zinc	BDL	NC	102	97.6	4.4	93.0	95.3	2.4
QA/QC Batch 166020, QC Sample No: AZ78836 (AZ79419, AZ79420)								
ICP Metals - Dissolved								
Arsenic	BDL	NC	103	101	2.0	94.6	89.5	5.5
Barium	BDL	0.80	107	105	1.9	97.1	91.6	5.8
Cadmium	BDL	NC	107	105	1.9	95.8	89.8	6.5
Chromium	BDL	NC	107	106	0.9	96.7	91.8	5.2
Copper	BDL	NC	107	105	1.9	98.7	93.6	5.3
Lead	BDL	NC	108	106	1.9	96.9	92.0	5.2
Zinc	BDL	NC	106	104	1.9	96.9	92.2	5.0
QA/QC Batch 166091, QC Sample No: AZ79182 (AZ79372, AZ79373, AZ79379, AZ79380, AZ79384, AZ79385, AZ79390)								
ICP Metals - Soil								
Arsenic	BDL	NC	92.4	95.5	3.3	95.2	98.0	2.9
Barium	BDL	0	89.2	91.5	2.5	98.3	105	6.6
Cadmium	BDL	NC	90.2	92.4	2.4	89.1	91.5	2.7
Chromium	BDL	0.90	95.0	99.8	4.9	99.4	100	0.6
Copper	BDL	2.50	97.2	97.1	0.1	>130	>130	NC
Lead	BDL	4.40	86.5	87.6	1.3	87.7	89.9	2.5
Zinc	0.48	2.00	89.2	91.1	2.1	92.9	99.1	6.5
QA/QC Batch 166150, QC Sample No: AZ79431 (AZ79372, AZ79373, AZ79379, AZ79380, AZ79384, AZ79385, AZ79390, AZ79391, AZ79395, AZ79396, AZ79399, AZ79402, AZ79406, AZ79407, AZ79410, AZ79411)								
Mercury - Soil	BDL	NC	102	105	2.9	92.8	92.6	0.2
QA/QC Batch 166513, QC Sample No: AZ79431 (AZ79415)								
Mercury - Soil	BDL	NC	102	105	2.9	92.8	92.6	0.2
QA/QC Batch 166148, QC Sample No: AZ79480 (AZ79419, AZ79420)								
Mercury - Water	BDL	NC	95.7	95.2	0.5	100	101	1.0
QA/QC Batch 166115, QC Sample No: AZ79688 (AZ79391)								
ICP Metals - Soil								
Arsenic	BDL	NC	98.2	97.4	0.8	92.4	90.7	1.9
Barium	BDL	15.7	98.4	101	2.6	99.4	95.0	4.5

QA/QC Data

SDG I.D.: GAZ79372

Parameter	Blank	Dup RPD	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
Cadmium	BDL	NC	97.5	93.3	4.4	92.6	91.9	0.8
Chromium	BDL	9.00	108	101	6.7	98.6	96.4	2.3
Copper	BDL	9.60	108	101	6.7	102	98.0	4.0
Lead	BDL	5.10	96.1	89.5	7.1	91.3	90.5	0.9
Zinc	BDL	12.7	97.5	94.5	3.1	88.5	84.4	4.7

QA/QC Batch 166217, QC Sample No: AZ79783 (AZ79395, AZ79396, AZ79399, AZ79402, AZ79406, AZ79407, AZ79410, AZ79411, AZ79415)

ICP Metals - Soil

Arsenic	BDL	NC	104	95.8	8.2	88.7	88.7	0.0
Barium	BDL	40.7	102	92.9	9.3	92.1	95.1	3.2
Cadmium	BDL	NC	104	102	1.9	93.9	92.8	1.2
Chromium	BDL	39.2	105	99.1	5.8	101	99.3	1.7
Copper	BDL	3.50	108	104	3.8	101	104	2.9
Lead	BDL	145	100	97.3	2.7	94.4	94.1	0.3
Zinc	BDL	18.6	105	102	2.9	93.9	92.5	1.5

QA/QC Batch 166757, QC Sample No: AZ82396 (AZ79381)

ICP Metals - Soil

Arsenic	BDL	NC	95.4	95.8	0.4	99.9	97.4	2.5
Barium	BDL	6.40	91.0	94.9	4.2	94.0	98.0	4.2
Cadmium	BDL	NC	100	101	1.0	92.5	97.8	5.6
Chromium	BDL	7.60	99.7	98.7	1.0	93.4	94.4	1.1
Copper	BDL	7.50	105	106	0.9	101	101	0.0
Lead	BDL	21.6	99.9	98.5	1.4	97.6	96.9	0.7
Zinc	BDL	0.70	102	101	1.0	91.2	94.5	3.6

QA/QC Batch 166801, QC Sample No: AZ82633 (AZ79380, AZ79415)

ICP Metals - Aqueous Extraction

Lead	BDL	NC	102	98.4	3.6	97.0	97.5	0.5

QA/QC Batch 166821, QC Sample No: AZ82634 (AZ79399)

ICP Metals - Aqueous Extraction

Lead	BDL	NC	96.0	98.6	2.7	>130	101	NC

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QA/QC Report

December 28, 2010

QA/QC Data

SDG I.D.: GAZ79372

Parameter	Blank	Dup RPD	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch 166185, QC Sample No: AZ79013 (AZ79418, AZ79419, AZ79420, AZ79421, AZ79422)								
O&G, Non-polar Material	BDL		100					

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QA/QC Report

December 28, 2010

QA/QC Data

SDG I.D.: GAZ79372

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch 166209, QC Sample No: AZ78592 (AZ79390)							
Volatiles							
1,1,1,2-Tetrachloroethane	ND	97	95	2.1	101	97	4.0
1,1,1-Trichloroethane	ND	93	90	3.3	104	97	7.0
1,1,2,2-Tetrachloroethane	ND	100	98	2.0	74	78	5.3
1,1,2-Trichloroethane	ND	99	93	6.3	102	100	2.0
1,1-Dichloroethane	ND	100	95	5.1	108	100	7.7
1,1-Dichloroethene	ND	97	90	7.5	104	90	14.4
1,1-Dichloropropene	ND	91	97	6.4	94	91	3.2
1,2,3-Trichlorobenzene	ND	108	126	15.4	67	80	17.7
1,2,3-Trichloropropane	ND	134	87	42.5	72	69	4.3
1,2,4-Trichlorobenzene	ND	113	125	10.1	60	68	12.5
1,2,4-Trimethylbenzene	ND	97	99	2.0	84	80	4.9
1,2-Dibromo-3-chloropropane	ND	100	102	2.0	82	100	19.8
1,2-Dichlorobenzene	ND	99	102	3.0	82	85	3.6
1,2-Dichloroethane	ND	95	95	0.0	96	97	1.0
1,2-Dichloropropane	ND	92	92	0.0	100	96	4.1
1,3,5-Trimethylbenzene	ND	95	98	3.1	87	83	4.7
1,3-Dichlorobenzene	ND	100	102	2.0	79	76	3.9
1,3-Dichloropropane	ND	100	95	5.1	97	96	1.0
1,4-Dichlorobenzene	ND	101	102	1.0	77	75	2.6
2,2-Dichloropropane	ND	99	93	6.3	91	85	6.8
2-Chlorotoluene	ND	99	98	1.0	84	77	8.7
2-Hexanone	ND	106	94	12.0	66	78	16.7
2-Isopropyltoluene	ND	95	99	4.1	89	88	1.1
4-Chlorotoluene	ND	99	98	1.0	84	77	8.7
4-Methyl-2-pentanone	ND	98	89	9.6	85	92	7.9
Acetone	ND	99	90	9.5	87	100	13.9
Acrylonitrile	ND	99	92	7.3	95	102	7.1
Benzene	ND	92	95	3.2	98	95	3.1
Bromobenzene	ND	98	97	1.0	94	88	6.6
Bromochloromethane	ND	100	95	5.1	105	99	5.9
Bromodichloromethane	ND	94	94	0.0	101	97	4.0
Bromoform	ND	102	94	8.2	100	96	4.1
Bromomethane	ND	86	87	1.2	81	77	5.1
Carbon Disulfide	ND	94	86	8.9	92	81	12.7
Carbon tetrachloride	ND	93	93	0.0	104	96	8.0
Chlorobenzene	ND	99	96	3.1	93	87	6.7
Chloroethane	ND	90	85	5.7	98	86	13.0
Chloroform	ND	96	92	4.3	103	98	5.0
Chloromethane	ND	88	76	14.6	86	74	15.0
cis-1,2-Dichloroethene	ND	97	92	5.3	102	95	7.1
cis-1,3-Dichloropropene	ND	96	96	0.0	93	89	4.4

QA/QC Data

SDG I.D.: GAZ79372

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
Dibromochloromethane	ND	102	98	4.0	100	98	2.0
Dibromoethane	ND	98	91	7.4	99	96	3.1
Dibromomethane	ND	95	95	0.0	97	98	1.0
Dichlorodifluoromethane	ND	77	75	2.6	65	66	1.5
Ethylbenzene	ND	95	94	1.1	92	86	6.7
Hexachlorobutadiene	ND	105	117	10.8	77	85	9.9
Isopropylbenzene	ND	93	95	2.1	94	87	7.7
m&p-Xylene	ND	96	97	1.0	90	85	5.7
Methyl ethyl ketone	ND	93	90	3.3	71	86	19.1
Methyl t-butyl ether (MTBE)	ND	103	102	1.0	106	107	0.9
Methylene chloride	ND	101	88	13.8	101	93	8.2
Naphthalene	ND	105	119	12.5	72	96	28.6
n-Butylbenzene	ND	101	103	2.0	75	73	2.7
n-Propylbenzene	ND	96	97	1.0	89	82	8.2
o-Xylene	ND	96	94	2.1	93	87	6.7
p-Isopropyltoluene	ND	97	100	3.0	83	81	2.4
sec-Butylbenzene	ND	94	98	4.2	89	86	3.4
Styrene	ND	99	94	5.2	92	84	9.1
tert-Butylbenzene	ND	93	97	4.2	94	91	3.2
Tetrachloroethene	ND	99	100	1.0	91	85	6.8
Tetrahydrofuran (THF)	ND	92	85	7.9	84	96	13.3
Toluene	ND	94	93	1.1	98	92	6.3
trans-1,2-Dichloroethene	ND	106	89	17.4	104	82	23.7
trans-1,3-Dichloropropene	ND	96	93	3.2	91	87	4.5
trans-1,4-dichloro-2-butene	ND	134	87	42.5	72	69	4.3
Trichloroethene	ND	93	95	2.1	109	105	3.7
Trichlorofluoromethane	ND	94	88	6.6	100	90	10.5
Trichlorotrifluoroethane	ND	95	89	6.5	103	92	11.3
Vinyl chloride	ND	86	83	3.6	86	81	6.0
% 1,2-dichlorobenzene-d4	99	101	102	1.0	97	102	5.0
% Bromofluorobenzene	91	101	94	7.2	100	93	7.3
% Dibromofluoromethane	98	99	99	0.0	100	101	1.0
% Toluene-d8	96	98	96	2.1	102	99	3.0

QA/QC Batch 166103, QC Sample No: AZ78714 (AZ79419, AZ79420)

Pesticides

4,4' -DDD	ND	109	117	7.1
4,4' -DDE	ND	98	104	5.9
4,4' -DDT	ND	107	117	8.9
a-BHC	ND	92	97	5.3
a-Chlordane	ND	96	102	6.1
Alachlor	ND	N/A	N/A	NC
Aldrin	ND	97	103	6.0
b-BHC	ND	93	99	6.3
Chlordane	ND	N/A	N/A	NC
d-BHC	ND	96	101	5.1
Dieldrin	ND	94	100	6.2
Endosulfan I	ND	95	101	6.1
Endosulfan II	ND	93	99	6.3
Endosulfan sulfate	ND	101	109	7.6
Endrin	ND	95	101	6.1
Endrin aldehyde	ND	128	139	8.2
Endrin ketone	ND	110	119	7.9

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
g-BHC	ND	93	97	4.2			
g-Chlordane	ND	95	100	5.1			
Heptachlor	ND	96	102	6.1			
Heptachlor epoxide	ND	96	102	6.1			
Methoxychlor	ND	115	132	13.8			
Toxaphene	ND	N/A	N/A	NC			
% DCBP	107	107	109	1.9			
% TCMX	81	79	80	1.3			

Comment:

A LCS and LCS duplicate were performed instead of a matrix spike and matrix spike duplicate, unless otherwise noted. Alpha and gamma chlordane were spiked and analyzed instead of technical chlordane.

QA/QC Batch 166102, QC Sample No: AZ78714 (AZ79419, AZ79420)

Polychlorinated Biphenyls

PCB-1016	ND	100	101	1.0			
PCB-1221	ND						
PCB-1232	ND						
PCB-1242	ND						
PCB-1248	ND						
PCB-1254	ND						
PCB-1260	ND	110	113	2.7			
PCB-1262	ND						
PCB-1268	ND						
% DCBP (Surrogate Rec)	117	126	120	4.9			
% TCMX (Surrogate Rec)	93	97	93	4.2			

Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

QA/QC Batch 166017, QC Sample No: AZ79002 (AZ79372, AZ79379, AZ79384, AZ79390, AZ79395, AZ79399, AZ79402, AZ79406, AZ79407, AZ79410, AZ79411, AZ79415)

Polychlorinated Biphenyls

PCB-1016	ND	93	96	3.2	94	97	3.1
PCB-1221	ND						
PCB-1232	ND						
PCB-1242	ND						
PCB-1248	ND						
PCB-1254	ND						
PCB-1260	ND	97	101	4.0	83	74	11.5
PCB-1262	ND						
PCB-1268	ND						
% DCBP (Surrogate Rec)	112	106	109	2.8	92	92	0.0
% TCMX (Surrogate Rec)	97	86	91	5.6	69	71	2.9

QA/QC Batch 166084, QC Sample No: AZ79106 (AZ79418, AZ79419, AZ79420)

Semivolatiles

2-Methylnaphthalene	ND	71	78	9.4	79	73	7.9
Acenaphthene	ND	79	84	6.1	88	85	3.5
Acenaphthylene	ND	72	76	5.4	79	75	5.2
Anthracene	ND	80	84	4.9	88	82	7.1
Benz(a)anthracene	ND	85	92	7.9	98	92	6.3
Benzo(a)pyrene	ND	80	83	3.7	86	82	4.8
Benzo(b)fluoranthene	ND	86	90	4.5	92	85	7.9
Benzo(ghi)perylene	ND	70	75	6.9	94	90	4.3
Benzo(k)fluoranthene	ND	86	89	3.4	91	86	5.6

QA/QC Data

SDG I.D.: GAZ79372

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
Chrysene	ND	85	91	6.8	96	90	6.5
Dibenz(a,h)anthracene	ND	72	75	4.1	96	89	7.6
Fluoranthene	ND	71	82	14.4	115	97	17.0
Fluorene	ND	81	89	9.4	94	86	8.9
Indeno(1,2,3-cd)pyrene	ND	71	74	4.1	94	87	7.7
Naphthalene	ND	71	77	8.1	81	77	5.1
Phenanthrene	ND	80	84	4.9	86	81	6.0
Pyrene	ND	73	85	15.2	122	103	16.9
% 2-Fluorobiphenyl	62	66	71	7.3	74	73	1.4
% Nitrobenzene-d5	58	65	68	4.5	87	68	24.5
% Terphenyl-d14	53	60	71	16.8	96	82	15.7

QA/QC Batch 166098, QC Sample No: AZ79182 (AZ79372, AZ79373, AZ79379, AZ79380, AZ79384, AZ79385, AZ79390, AZ79391, AZ79395, AZ79396, AZ79399, AZ79402, AZ79406)

TPH by GC (Extractable Products)

Ext. Petroleum HC	ND	81	84	3.6	87	91	4.5
% n-Pentacosane	71	93	96	3.2	97	106	8.9

QA/QC Batch 166286, QC Sample No: AZ79182 (AZ79411)

Volatiles

1,1,1,2-Tetrachloroethane	ND	100			93	85	9.0
1,1,1-Trichloroethane	ND	107			109	93	15.8
1,1,2,2-Tetrachloroethane	ND	105			92	86	6.7
1,1,2-Trichloroethane	ND	104			93	81	13.8
1,1-Dichloroethane	ND	112			108	99	8.7
1,1-Dichloroethene	ND	108			117	99	16.7
1,1-Dichloropropene	ND	105			103	97	6.0
1,2,3-Trichlorobenzene	ND	130			56	55	1.8
1,2,3-Trichloropropane	ND	92			84	69	19.6
1,2,4-Trichlorobenzene	ND	128			60	58	3.4
1,2,4-Trimethylbenzene	ND	106			92	82	11.5
1,2-Dibromo-3-chloropropane	ND	106			79	79	0.0
1,2-Dichlorobenzene	ND	109			77	70	9.5
1,2-Dichloroethane	ND	104			90	87	3.4
1,2-Dichloropropane	ND	102			94	89	5.5
1,3,5-Trimethylbenzene	ND	104			94	84	11.2
1,3-Dichlorobenzene	ND	108			81	72	11.8
1,3-Dichloropropane	ND	100			91	83	9.2
1,4-Dichlorobenzene	ND	110			81	72	11.8
2,2-Dichloropropane	ND	110			108	94	13.9
2-Chlorotoluene	ND	105			90	78	14.3
2-Hexanone	ND	104			68	54	23.0
2-Isopropyltoluene	ND	106			93	85	9.0
4-Chlorotoluene	ND	105			90	78	14.3
4-Methyl-2-pentanone	ND	101			81	72	11.8
Acetone	10 JS	104			70	59	17.1
Acrylonitrile	ND	109			94	88	6.6
Benzene	ND	104			98	93	5.2
Bromobenzene	ND	103			90	78	14.3
Bromochloromethane	ND	107			100	90	10.5
Bromodichloromethane	ND	102			95	85	11.1
Bromoform	ND	99			86	74	15.0
Bromomethane	ND	100			99	94	5.2

QA/QC Data

SDG I.D.: GAZ79372

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
Carbon Disulfide	ND	106			108	94	13.9
Carbon tetrachloride	ND	106			105	95	10.0
Chlorobenzene	ND	102			93	82	12.6
Chloroethane	ND	106			109	94	14.8
Chloroform	ND	106			101	91	10.4
Chloromethane	ND	96			99	81	20.0
cis-1,2-Dichloroethene	ND	108			101	92	9.3
cis-1,3-Dichloropropene	ND	105			93	82	12.6
Dibromochloromethane	ND	103			91	82	10.4
Dibromoethane	ND	102			91	77	16.7
Dibromomethane	ND	104			92	86	6.7
Dichlorodifluoromethane	ND	97			92	85	7.9
Ethylbenzene	ND	101			97	86	12.0
Hexachlorobutadiene	ND	123			86	84	2.4
Isopropylbenzene	ND	102			102	90	12.5
m&p-Xylene	ND	102			96	85	12.2
Methyl ethyl ketone	ND	97			72	67	7.2
Methyl t-butyl ether (MTBE)	ND	107			101	92	9.3
Methylene chloride	1.1 JS	106			96	86	11.0
Naphthalene	ND	119			68	66	3.0
n-Butylbenzene	ND	109			91	80	12.9
n-Propylbenzene	ND	105			101	88	13.8
o-Xylene	ND	100			95	83	13.5
p-Isopropyltoluene	ND	107			96	85	12.2
sec-Butylbenzene	ND	104			98	86	13.0
Styrene	ND	100			90	77	15.6
tert-Butylbenzene	ND	102			99	89	10.6
Tetrachloroethene	ND	103			103	93	10.2
Tetrahydrofuran (THF)	ND	94			83	78	6.2
Toluene	ND	104			101	88	13.8
trans-1,2-Dichloroethene	ND	101			117	89	27.2
trans-1,3-Dichloropropene	ND	105			90	77	15.6
trans-1,4-dichloro-2-butene	ND	92			84	69	19.6
Trichloroethene	ND	101			99	90	9.5
Trichlorofluoromethane	ND	106			112	97	14.4
Trichlorotrifluoroethane	ND	107			118	98	18.5
Vinyl chloride	ND	100			102	90	12.5
% 1,2-dichlorobenzene-d4	100	103			100	101	1.0
% Bromofluorobenzene	95	96			100	93	7.3
% Dibromofluoromethane	99	101			101	96	5.1
% Toluene-d8	92	100			103	95	8.1

Comment:

The LCSD is not reported for this batch.

QA/QC Batch 166096, QC Sample No: AZ79182 (AZ79372, AZ79373, AZ79379, AZ79380, AZ79384, AZ79385, AZ79390, AZ79391, AZ79395, AZ79396, AZ79399, AZ79402, AZ79406, AZ79407, AZ79410, AZ79411, AZ79415)

Polynuclear Aromatic HC

2-Methylnaphthalene	ND	64	70	9.0	75	76	1.3
Acenaphthene	ND	68	73	7.1	81	84	3.6
Acenaphthylene	ND	63	69	9.1	77	79	2.6
Anthracene	ND	70	80	13.3	88	90	2.2
Benz(a)anthracene	ND	69	78	12.2	87	93	6.7
Benzo(a)pyrene	ND	70	80	13.3	86	89	3.4

QA/QC Data

SDG I.D.: GAZ79372

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
Benzo(b)fluoranthene	ND	70	83	17.0	86	90	4.5
Benzo(ghi)perylene	ND	66	76	14.1	92	96	4.3
Benzo(k)fluoranthene	ND	73	83	12.8	88	91	3.4
Chrysene	ND	68	78	13.7	87	92	5.6
Dibenz(a,h)anthracene	ND	68	79	15.0	96	97	1.0
Fluoranthene	ND	80	102	24.2	107	120	11.5
Fluorene	ND	69	77	11.0	85	84	1.2
Indeno(1,2,3-cd)pyrene	ND	68	78	13.7	94	96	2.1
Naphthalene	ND	64	68	6.1	77	78	1.3
Phenanthrene	ND	66	75	12.8	82	85	3.6
Pyrene	ND	84	108	25.0	110	120	8.7
% 2-Fluorobiphenyl	73	61	67	9.4	74	81	9.0
% Nitrobenzene-d5	69	52	67	25.2	69	73	5.6
% Terphenyl-d14	60	72	95	27.5	90	93	3.3

QA/QC Batch 166273, QC Sample No: AZ79273 (AZ79419, AZ79420)

Chlorinated Herbicides

2,4,5-T	ND	94	88	6.6
2,4,5-TP (Silvex)	ND	118	110	7.0
2,4-D	ND	90	90	0.0
2,4-DB	ND	29	<30	NC
Dalapon	ND	64	58	9.8
Dicamba	ND	99	97	2.0
Dichloroprop	ND	118	130	9.7
Dinoseb	ND	51	30	51.9
MCPA	ND	131	126	3.9
MCPP	ND	128	118	8.1
% DCAA (Surrogate Rec)	63	62	50	21.4

Comment:

A LCS and LCS duplicate were performed instead of a matrix spike and matrix spike duplicate, unless otherwise noted.

QA/QC Batch 166425, QC Sample No: AZ79349 (AZ79422)

Volatiles

1,1,1,2-Tetrachloroethane	ND	101	102	1.0	106	100	5.8
1,1,1-Trichloroethane	ND	99	105	5.9	122	109	11.3
1,1,2,2-Tetrachloroethane	ND	103	95	8.1	93	91	2.2
1,1,2-Trichloroethane	ND	105	107	1.9	105	100	4.9
1,1-Dichloroethane	ND	97	101	4.0	118	104	12.6
1,1-Dichloroethene	ND	104	114	9.2	134	123	8.6
1,1-Dichloropropene	ND	83	87	4.7	102	98	4.0
1,2,3-Trichlorobenzene	ND	131	134	2.3	99	128	25.6
1,2,3-Trichloropropane	ND	94	92	2.2	92	90	2.2
1,2,4-Trichlorobenzene	ND	109	113	3.6	97	114	16.1
1,2,4-Trimethylbenzene	ND	102	97	5.0	102	101	1.0
1,2-Dibromo-3-chloropropane	ND	96	94	2.1	90	85	5.7
1,2-Dichlorobenzene	ND	104	100	3.9	99	99	0.0
1,2-Dichloroethane	ND	94	74	23.8	91	86	5.6
1,2-Dichloropropane	ND	98	96	2.1	97	96	1.0
1,3,5-Trimethylbenzene	ND	99	95	4.1	104	101	2.9
1,3-Dichlorobenzene	ND	105	102	2.9	104	106	1.9
1,3-Dichloropropane	ND	104	101	2.9	102	95	7.1
1,4-Dichlorobenzene	ND	102	100	2.0	103	104	1.0
2,2-Dichloropropane	ND	50	51	2.0	95	90	5.4

QA/QC Data

SDG I.D.: GAZ79372

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
2-Chlorotoluene	ND	100	97	3.0	103	103	0.0
2-Hexanone	ND	75	71	5.5	44	49	10.8
2-Isopropyltoluene	ND	100	99	1.0	105	103	1.9
4-Chlorotoluene	ND	100	97	3.0	101	105	3.9
4-Methyl-2-pentanone	ND	91	93	2.2	85	78	8.6
Acetone	ND	101	111	9.4	106	86	20.8
Acrylonitrile	ND	129	121	6.4	122	106	14.0
Benzene	ND	85	85	0.0	91	88	3.4
Bromobenzene	ND	102	100	2.0	100	99	1.0
Bromochloromethane	ND	111	115	3.5	121	110	9.5
Bromodichloromethane	ND	96	93	3.2	99	94	5.2
Bromoform	ND	96	104	8.0	96	93	3.2
Bromomethane	ND	93	101	8.2	112	117	4.4
Carbon Disulfide	ND	90	96	6.5	106	101	4.8
Carbon tetrachloride	ND	90	92	2.2	103	102	1.0
Chlorobenzene	ND	100	101	1.0	106	100	5.8
Chloroethane	ND	95	100	5.1	120	113	6.0
Chloroform	ND	97	103	6.0	74	55	29.5
Chloromethane	ND	80	82	2.5	116	105	10.0
cis-1,2-Dichloroethene	ND	101	111	9.4	94	78	18.6
cis-1,3-Dichloropropene	ND	90	87	3.4	95	95	0.0
Dibromochloromethane	ND	105	105	0.0	105	99	5.9
Dibromoethane	ND	109	107	1.9	107	103	3.8
Dibromomethane	ND	106	101	4.8	105	95	10.0
Dichlorodifluoromethane	ND	89	100	11.6	146	122	17.9
Ethylbenzene	ND	102	101	1.0	111	105	5.6
Hexachlorobutadiene	ND	84	85	1.2	85	103	19.1
Isopropylbenzene	ND	88	87	1.1	102	101	1.0
m&p-Xylene	ND	103	105	1.9	112	108	3.6
Methyl ethyl ketone	ND	118	124	5.0	117	103	12.7
Methyl t-butyl ether (MTBE)	ND	102	100	2.0	96	93	3.2
Methylene chloride	ND	96	100	4.1	111	96	14.5
Naphthalene	ND	128	143	11.1	87	124	35.1
n-Butylbenzene	ND	95	91	4.3	100	104	3.9
n-Propylbenzene	ND	101	97	4.0	103	105	1.9
o-Xylene	ND	107	108	0.9	110	103	6.6
p-Isopropyltoluene	ND	99	96	3.1	104	105	1.0
sec-Butylbenzene	ND	98	95	3.1	105	106	0.9
Styrene	ND	114	115	0.9	116	108	7.1
tert-Butylbenzene	ND	99	96	3.1	104	105	1.0
Tetrachloroethene	ND	91	93	2.2	NC	NC	NC
Tetrahydrofuran (THF)	ND	100	118	16.5	121	109	10.4
Toluene	ND	98	99	1.0	105	102	2.9
trans-1,2-Dichloroethene	ND	99	107	7.8	126	114	10.0
trans-1,3-Dichloropropene	ND	93	93	0.0	103	98	5.0
trans-1,4-dichloro-2-butene	ND	68	67	1.5	66	76	14.1
Trichloroethene	ND	100	101	1.0	94	94	0.0
Trichlorofluoromethane	ND	100	107	6.8	137	120	13.2
Trichlorotrifluoroethane	ND	103	118	13.6	138	129	6.7
Vinyl chloride	ND	93	97	4.2	127	118	7.3
% 1,2-dichlorobenzene-d4	104	99	94	5.2	99	97	2.0
% Bromofluorobenzene	82	99	99	0.0	103	101	2.0
% Dibromofluoromethane	91	107	113	5.5	119	111	7.0

QA/QC Data

SDG I.D.: GAZ79372

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
% Toluene-d8	98	99	98	1.0	99	101	2.0
QA/QC Batch 166112, QC Sample No: AZ79372 (AZ79372, AZ79379, AZ79384, AZ79390, AZ79395, AZ79399, AZ79406, AZ79410, AZ79415)							
Chlorinated Herbicides							
2,4,5-T	ND	106	100	5.8	120	106	12.4
2,4,5-TP (Silvex)	ND	>150	154	NC	>150	>150	NC
2,4-D	ND	96	98	2.1	104	118	12.6
2,4-DB	ND	92	88	4.4	110	62	55.8
Dalapon	ND	84	94	11.2	Interference	Interference	NC
Dicamba	ND	120	120	0.0	129	129	0.0
Dichloroprop	ND	146	136	7.1	>150	156	NC
Dinoseb	ND	77	69	11.0	127	119	6.5
MCPA	ND	120	112	6.9	139	127	9.0
MCPP	ND	139	145	4.2	>150	158	NC
% DCAA (Surrogate Rec)	96	>150	>150	NC	>150	>150	NC
QA/QC Batch 166298, QC Sample No: AZ79372 (AZ79372, AZ79373, AZ79379, AZ79380, AZ79384, AZ79385, AZ79391)							
Volatiles							
1,1,1,2-Tetrachloroethane	ND	101	99	2.0	96	99	3.1
1,1,1-Trichloroethane	ND	112	102	9.3	102	110	7.5
1,1,2,2-Tetrachloroethane	ND	93	94	1.1	80	72	10.5
1,1,2-Trichloroethane	ND	108	96	11.8	96	102	6.1
1,1-Dichloroethane	ND	113	105	7.3	107	113	5.5
1,1-Dichloroethene	ND	111	99	11.4	102	114	11.1
1,1-Dichloropropene	ND	92	93	1.1	100	102	2.0
1,2,3-Trichlorobenzene	ND	84	100	17.4	88	82	7.1
1,2,3-Trichloropropane	ND	88	82	7.1	76	77	1.3
1,2,4-Trichlorobenzene	ND	78	87	10.9	77	78	1.3
1,2,4-Trimethylbenzene	ND	96	93	3.2	88	90	2.2
1,2-Dibromo-3-chloropropane	ND	90	100	10.5	95	87	8.8
1,2-Dichlorobenzene	ND	94	95	1.1	90	88	2.2
1,2-Dichloroethane	ND	102	100	2.0	100	99	1.0
1,2-Dichloropropane	ND	101	99	2.0	98	102	4.0
1,3,5-Trimethylbenzene	ND	94	93	1.1	88	90	2.2
1,3-Dichlorobenzene	ND	90	89	1.1	84	86	2.4
1,3-Dichloropropane	ND	101	99	2.0	97	99	2.0
1,4-Dichlorobenzene	ND	89	88	1.1	83	86	3.6
2,2-Dichloropropane	ND	103	94	9.1	96	104	8.0
2-Chlorotoluene	ND	91	87	4.5	85	89	4.6
2-Hexanone	ND	90	80	11.8	92	96	4.3
2-Isopropyltoluene	ND	95	96	1.0	93	94	1.1
4-Chlorotoluene	ND	91	87	4.5	85	89	4.6
4-Methyl-2-pentanone	ND	102	94	8.2	88	92	4.4
Acetone	ND	109	103	5.7	102	98	4.0
Acrylonitrile	ND	113	104	8.3	104	99	4.9
Benzene	ND	100	99	1.0	99	103	4.0
Bromobenzene	ND	97	94	3.1	89	92	3.3
Bromochloromethane	ND	110	103	6.6	102	109	6.6
Bromodichloromethane	ND	101	97	4.0	97	99	2.0
Bromoform	ND	99	95	4.1	89	94	5.5
Bromomethane	ND	85	88	3.5	97	103	6.0
Carbon Disulfide	ND	109	96	12.7	96	110	13.6

QA/QC Data

SDG I.D.: GAZ79372

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
Carbon tetrachloride	ND	102	98	4.0	100	104	3.9
Chlorobenzene	ND	99	95	4.1	92	98	6.3
Chloroethane	ND	109	98	10.6	98	111	12.4
Chloroform	ND	108	101	6.7	101	107	5.8
Chloromethane	ND	82	70	15.8	89	101	12.6
cis-1,2-Dichloroethene	ND	108	101	6.7	101	107	5.8
cis-1,3-Dichloropropene	ND	99	93	6.3	94	98	4.2
Dibromochloromethane	ND	103	99	4.0	97	99	2.0
Dibromoethane	ND	106	94	12.0	92	100	8.3
Dibromomethane	ND	102	99	3.0	101	98	3.0
Dichlorodifluoromethane	ND	73	73	0.0	93	94	1.1
Ethylbenzene	ND	98	95	3.1	92	97	5.3
Hexachlorobutadiene	ND	92	99	7.3	96	94	2.1
Isopropylbenzene	ND	89	88	1.1	92	92	0.0
m&p-Xylene	ND	98	95	3.1	91	97	6.4
Methyl ethyl ketone	ND	96	95	1.0	99	91	8.4
Methyl t-butyl ether (MTBE)	ND	117	100	15.7	103	111	7.5
Methylene chloride	ND	114	99	14.1	99	112	12.3
Naphthalene	ND	101	111	9.4	95	90	5.4
n-Butylbenzene	ND	89	89	0.0	83	87	4.7
n-Propylbenzene	ND	98	94	4.2	89	92	3.3
o-Xylene	ND	102	97	5.0	91	98	7.4
p-Isopropyltoluene	ND	95	95	0.0	88	91	3.4
sec-Butylbenzene	ND	96	96	0.0	92	93	1.1
Styrene	ND	101	95	6.1	88	98	10.8
tert-Butylbenzene	ND	98	98	0.0	96	94	2.1
Tetrachloroethene	ND	96	96	0.0	94	98	4.2
Tetrahydrofuran (THF)	ND	101	95	6.1	95	91	4.3
Toluene	ND	102	95	7.1	95	102	7.1
trans-1,2-Dichloroethene	ND	118	91	25.8	91	121	28.3
trans-1,3-Dichloropropene	ND	100	91	9.4	90	96	6.5
trans-1,4-dichloro-2-butene	ND	88	82	7.1	76	77	1.3
Trichloroethene	ND	105	103	1.9	109	115	5.4
Trichlorofluoromethane	ND	108	100	7.7	100	113	12.2
Trichlorotrifluoroethane	ND	108	98	9.7	101	112	10.3
Vinyl chloride	ND	88	85	3.5	97	103	6.0
% 1,2-dichlorobenzene-d4	100	100	102	2.0	102	98	4.0
% Bromofluorobenzene	94	102	94	8.2	94	103	9.1
% Dibromofluoromethane	97	104	100	3.9	98	102	4.0
% Toluene-d8	96	101	95	6.1	96	102	6.1

QA/QC Batch 166747, QC Sample No: AZ79391 (AZ79391, AZ79400)

Pesticides

4,4' -DDD	ND	76	67	12.6	72	64	11.8
4,4' -DDE	ND	90	83	8.1	91	79	14.1
4,4' -DDT	ND	83	74	11.5	82	68	18.7
a-BHC	ND	94	87	7.7	95	83	13.5
a-Chlordane	ND	87	82	5.9	88	77	13.3
Alachlor	ND	N/A	N/A	NC	N/A	N/A	NC
Aldrin	ND	92	86	6.7	93	82	12.6
b-BHC	ND	90	84	6.9	92	80	14.0
Chlordane	ND	N/A	N/A	NC	N/A	N/A	NC
d-BHC	ND	91	85	6.8	93	81	13.8

QA/QC Data

SDG I.D.: GAZ79372

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
Dieldrin	ND	88	82	7.1	90	79	13.0
Endosulfan I	ND	87	81	7.1	90	79	13.0
Endosulfan II	ND	84	83	1.2	92	81	12.7
Endosulfan sulfate	ND	82	74	10.3	86	77	11.0
Endrin	ND	84	79	6.1	87	75	14.8
Endrin aldehyde	ND	103	88	15.7	124	104	17.5
Endrin ketone	ND	95	86	9.9	100	87	13.9
g-BHC	ND	91	85	6.8	92	80	14.0
g-Chlordane	ND	87	81	7.1	88	77	13.3
Heptachlor	ND	87	82	5.9	88	77	13.3
Heptachlor epoxide	ND	88	82	7.1	90	79	13.0
Methoxychlor	ND	79	69	13.5	78	66	16.7
Toxaphene	ND	N/A	N/A	NC	N/A	N/A	NC
% DCBP	80	86	75	13.7	78	68	13.7
% TCMX	73	78	71	9.4	73	64	13.1

QA/QC Batch 166297, QC Sample No: AZ79395 (AZ79395, AZ79396, AZ79402, AZ79406, AZ79407, AZ79410, AZ79415, AZ79416)

Volatiles

1,1,1,2-Tetrachloroethane	ND	101	99	2.0	91	90	1.1
1,1,1-Trichloroethane	ND	110	103	6.6	99	89	10.6
1,1,2,2-Tetrachloroethane	ND	92	93	1.1	89	99	10.6
1,1,2-Trichloroethane	ND	108	98	9.7	92	92	0.0
1,1-Dichloroethane	ND	109	104	4.7	102	94	8.2
1,1-Dichloroethene	ND	108	98	9.7	96	83	14.5
1,1-Dichloropropene	ND	91	91	0.0	85	83	2.4
1,2,3-Trichlorobenzene	ND	95	108	12.8	67	72	7.2
1,2,3-Trichloropropane	ND	92	83	10.3	54	48	11.8
1,2,4-Trichlorobenzene	ND	91	97	6.4	61	63	3.2
1,2,4-Trimethylbenzene	ND	96	96	0.0	78	73	6.6
1,2-Dibromo-3-chloropropane	ND	95	99	4.1	83	97	15.6
1,2-Dichlorobenzene	ND	96	99	3.1	78	78	0.0
1,2-Dichloroethane	ND	98	99	1.0	88	90	2.2
1,2-Dichloropropane	ND	101	99	2.0	91	88	3.4
1,3,5-Trimethylbenzene	ND	95	96	1.0	81	77	5.1
1,3-Dichlorobenzene	ND	93	94	1.1	73	70	4.2
1,3-Dichloropropane	ND	102	97	5.0	90	91	1.1
1,4-Dichlorobenzene	ND	92	94	2.2	72	70	2.8
2,2-Dichloropropane	ND	103	97	6.0	78	69	12.2
2-Chlorotoluene	ND	94	91	3.2	77	70	9.5
2-Hexanone	ND	89	73	19.8	<40	<40	NC
2-Isopropyltoluene	ND	96	99	3.1	85	82	3.6
4-Chlorotoluene	ND	94	91	3.2	77	70	9.5
4-Methyl-2-pentanone	ND	104	92	12.2	61	52	15.9
Acetone	ND	98	99	1.0	47	43	8.9
Acrylonitrile	ND	108	101	6.7	74	80	7.8
Benzene	ND	100	99	1.0	87	86	1.2
Bromobenzene	ND	97	95	2.1	84	81	3.6
Bromochloromethane	ND	109	102	6.6	103	95	8.1
Bromodichloromethane	ND	101	98	3.0	91	88	3.4
Bromoform	ND	101	91	10.4	85	87	2.3
Bromomethane	ND	85	81	4.8	72	68	5.7
Carbon Disulfide	ND	105	96	9.0	79	66	17.9
Carbon tetrachloride	ND	100	99	1.0	90	86	4.5

QA/QC Data

SDG I.D.: GAZ79372

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
Chlorobenzene	ND	101	95	6.1	86	80	7.2
Chloroethane	ND	104	95	9.0	89	78	13.2
Chloroform	ND	105	102	2.9	97	91	6.4
Chloromethane	ND	78	71	9.4	70	60	15.4
cis-1,2-Dichloroethene	ND	106	102	3.8	96	88	8.7
cis-1,3-Dichloropropene	ND	102	96	6.1	76	72	5.4
Dibromochloromethane	ND	103	97	6.0	91	90	1.1
Dibromoethane	ND	107	97	9.8	90	88	2.2
Dibromomethane	ND	101	99	2.0	90	94	4.3
Dichlorodifluoromethane	ND	70	67	4.4	55	55	0.0
Ethylbenzene	ND	99	94	5.2	85	79	7.3
Hexachlorobutadiene	ND	98	104	5.9	78	78	0.0
Isopropylbenzene	ND	88	89	1.1	87	80	8.4
m&p-Xylene	ND	99	95	4.1	82	77	6.3
Methyl ethyl ketone	ND	91	86	5.6	<40	<40	NC
Methyl t-butyl ether (MTBE)	ND	117	113	3.5	96	101	5.1
Methylene chloride	ND	106	99	6.8	98	89	9.6
Naphthalene	ND	101	110	8.5	78	89	13.2
n-Butylbenzene	ND	94	93	1.1	71	65	8.8
n-Propylbenzene	ND	98	96	2.1	82	75	8.9
o-Xylene	ND	103	97	6.0	86	81	6.0
p-Isopropyltoluene	ND	97	97	0.0	75	66	12.8
sec-Butylbenzene	ND	96	97	1.0	84	79	6.1
Styrene	ND	104	96	8.0	78	66	16.7
tert-Butylbenzene	ND	97	99	2.0	89	85	4.6
Tetrachloroethene	ND	96	95	1.0	84	80	4.9
Tetrahydrofuran (THF)	ND	98	91	7.4	84	96	13.3
Toluene	ND	102	97	5.0	88	82	7.1
trans-1,2-Dichloroethene	ND	114	96	17.1	101	74	30.9
trans-1,3-Dichloropropene	ND	103	96	7.0	75	72	4.1
trans-1,4-dichloro-2-butene	ND	92	83	10.3	54	48	11.8
Trichloroethene	ND	102	102	0.0	85	81	4.8
Trichlorofluoromethane	ND	104	95	9.0	94	83	12.4
Trichlorotrifluoroethane	ND	106	97	8.9	97	89	8.6
Vinyl chloride	ND	89	81	9.4	75	68	9.8
% 1,2-dichlorobenzene-d4	101	98	103	5.0	99	103	4.0
% Bromofluorobenzene	95	103	94	9.1	101	94	7.2
% Dibromofluoromethane	95	101	101	0.0	102	97	5.0
% Toluene-d8	98	103	98	5.0	101	97	4.0

QA/QC Batch 166744, QC Sample No: AZ79397 (AZ79381, AZ79397)

Polynuclear Aromatic HC

2-Methylnaphthalene	ND	78	84	7.4	85	88	3.5
Acenaphthene	ND	80	89	10.7	85	89	4.6
Acenaphthylene	ND	75	85	12.5	82	84	2.4
Anthracene	ND	83	98	16.6	97	102	5.0
Benz(a)anthracene	ND	82	90	9.3	90	96	6.5
Benzo(a)pyrene	ND	81	92	12.7	88	97	9.7
Benzo(b)fluoranthene	ND	81	95	15.9	91	98	7.4
Benzo(ghi)perylene	ND	77	88	13.3	81	90	10.5
Benzo(k)fluoranthene	ND	84	97	14.4	95	104	9.0
Chrysene	ND	81	92	12.7	91	97	6.4
Dibenz(a,h)anthracene	ND	80	92	14.0	89	94	5.5

QA/QC Data

SDG I.D.: GAZ79372

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
Fluoranthene	ND	83	100	18.6	101	103	2.0
Fluorene	ND	91	100	9.4	101	102	1.0
Indeno(1,2,3-cd)pyrene	ND	78	90	14.3	85	92	7.9
Naphthalene	ND	78	83	6.2	81	83	2.4
Phenanthrene	ND	78	91	15.4	91	98	7.4
Pyrene	ND	89	105	16.5	104	108	3.8
% 2-Fluorobiphenyl	74	78	81	3.8	77	78	1.3
% Nitrobenzene-d5	63	75	81	7.7	79	80	1.3
% Terphenyl-d14	65	77	88	13.3	89	90	1.1

QA/QC Batch 166095, QC Sample No: AZ79406 (AZ79372, AZ79379, AZ79384, AZ79390, AZ79395, AZ79399, AZ79406, AZ79410, AZ79415)

Pesticides

4,4' -DDD	ND	87	95	8.8	96	106	9.9
4,4' -DDE	ND	92	104	12.2	92	105	13.2
4,4' -DDT	ND	87	98	11.9	94	103	9.1
a-BHC	ND	95	106	10.9	95	106	10.9
a-Chlordane	ND	91	100	9.4	92	103	11.3
Alachlor	ND	N/A	N/A	NC	N/A	N/A	NC
Aldrin	ND	96	107	10.8	97	108	10.7
b-BHC	ND	93	104	11.2	95	105	10.0
Chlordane	ND	N/A	N/A	NC	N/A	N/A	NC
d-BHC	ND	93	105	12.1	96	107	10.8
Dieldrin	ND	89	101	12.6	92	104	12.2
Endosulfan I	ND	88	100	12.8	92	101	9.3
Endosulfan II	ND	84	98	15.4	93	104	11.2
Endosulfan sulfate	ND	83	95	13.5	89	100	11.6
Endrin	ND	85	94	10.1	93	105	12.1
Endrin aldehyde	ND	86	115	28.9	113	124	9.3
Endrin ketone	ND	90	104	14.4	95	107	11.9
g-BHC	ND	95	106	10.9	97	107	9.8
g-Chlordane	ND	90	101	11.5	92	103	11.3
Heptachlor	ND	89	99	10.6	91	101	10.4
Heptachlor epoxide	ND	90	100	10.5	92	102	10.3
Methoxychlor	ND	79	90	13.0	88	98	10.8
Toxaphene	ND	N/A	N/A	NC	N/A	N/A	NC
% DCBP	88	86	95	9.9	86	98	13.0
% TCMX	58	81	88	8.3	80	87	8.4

QA/QC Batch 166099, QC Sample No: AZ79407 (AZ79407, AZ79410, AZ79411, AZ79415)

TPH by GC (Extractable Products)

Ext. Petroleum HC	ND	72	68	5.7	82	102	21.7
% n-Pentacosane	107	89	82	8.2	85	136	46.2

QA/QC Batch 166225, QC Sample No: AZ79633 (AZ79418, AZ79419, AZ79420, AZ79421)

Volatiles

1,1,1,2-Tetrachloroethane	ND	92	94	2.2	96	97	1.0
1,1,1-Trichloroethane	ND	78	81	3.8	109	111	1.8
1,1,2,2-Tetrachloroethane	ND	93	92	1.1	91	96	5.3
1,1,2-Trichloroethane	ND	98	97	1.0	98	97	1.0
1,1-Dichloroethane	ND	77	80	3.8	111	108	2.7
1,1-Dichloroethene	ND	78	88	12.0	124	119	4.1
1,1-Dichloropropene	ND	71	78	9.4	98	93	5.2
1,2,3-Trichlorobenzene	ND	128	133	3.8	90	118	26.9

QA/QC Data

SDG I.D.: GAZ79372

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
1,2,3-Trichloropropane	ND	90	92	2.2	91	99	8.4
1,2,4-Trichlorobenzene	ND	105	108	2.8	95	110	14.6
1,2,4-Trimethylbenzene	ND	96	91	5.3	100	104	3.9
1,2-Dibromo-3-chloropropane	ND	>150	105	NC	77	94	19.9
1,2-Dichlorobenzene	ND	96	93	3.2	96	99	3.1
1,2-Dichloroethane	ND	85	86	1.2	85	85	0.0
1,2-Dichloropropane	ND	88	88	0.0	100	95	5.1
1,3,5-Trimethylbenzene	ND	91	90	1.1	102	104	1.9
1,3-Dichlorobenzene	ND	99	96	3.1	98	105	6.9
1,3-Dichloropropane	ND	93	96	3.2	97	99	2.0
1,4-Dichlorobenzene	ND	94	96	2.1	98	102	4.0
2,2-Dichloropropane	ND	56	58	3.5	62	60	3.3
2-Chlorotoluene	ND	91	92	1.1	100	103	3.0
2-Hexanone	ND	82	84	2.4	62	72	14.9
2-Isopropyltoluene	ND	91	92	1.1	103	107	3.8
4-Chlorotoluene	ND	91	91	0.0	99	104	4.9
4-Methyl-2-pentanone	ND	110	102	7.5	85	83	2.4
Acetone	ND	74	49	40.7	99	102	3.0
Acrylonitrile	ND	98	105	6.9	108	NC	NC
Benzene	ND	78	77	1.3	90	87	3.4
Bromobenzene	ND	95	93	2.1	99	102	3.0
Bromochloromethane	ND	89	95	6.5	117	111	5.3
Bromodichloromethane	ND	86	85	1.2	92	90	2.2
Bromoform	ND	92	96	4.3	96	93	3.2
Bromomethane	ND	74	78	5.3	111	117	5.3
Carbon Disulfide	ND	72	75	4.1	103	102	1.0
Carbon tetrachloride	ND	76	80	5.1	98	97	1.0
Chlorobenzene	ND	91	93	2.2	99	101	2.0
Chloroethane	ND	71	72	1.4	107	106	0.9
Chloroform	ND	78	80	2.5	106	106	0.0
Chloromethane	ND	68	72	5.7	113	109	3.6
cis-1,2-Dichloroethene	ND	85	87	2.3	115	111	3.5
cis-1,3-Dichloropropene	ND	85	88	3.5	89	85	4.6
Dibromochloromethane	ND	92	96	4.3	98	100	2.0
Dibromoethane	ND	100	102	2.0	99	94	5.2
Dibromomethane	ND	92	95	3.2	95	91	4.3
Dichlorodifluoromethane	ND	66	71	7.3	121	116	4.2
Ethylbenzene	ND	91	93	2.2	105	105	0.0
Hexachlorobutadiene	ND	83	87	4.7	83	93	11.4
Isopropylbenzene	ND	79	82	3.7	100	104	3.9
m&p-Xylene	ND	93	95	2.1	104	106	1.9
Methyl ethyl ketone	ND	104	102	1.9	109	103	5.7
Methyl t-butyl ether (MTBE)	ND	94	94	0.0	95	93	2.1
Methylene chloride	ND	75	80	6.5	104	102	1.9
Naphthalene	ND	141	>150	NC	102	141	32.1
n-Butylbenzene	ND	89	87	2.3	98	104	5.9
n-Propylbenzene	ND	90	93	3.3	100	107	6.8
o-Xylene	ND	96	97	1.0	103	102	1.0
p-Isopropyltoluene	ND	92	92	0.0	103	106	2.9
sec-Butylbenzene	ND	90	90	0.0	102	104	1.9
Styrene	ND	104	103	1.0	107	108	0.9
tert-Butylbenzene	ND	91	91	0.0	103	106	2.9
Tetrachloroethene	ND	80	85	6.1	97	97	0.0

QA/QC Data

SDG I.D.: GAZ79372

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
Tetrahydrofuran (THF)	ND	100	105	4.9	109	111	1.8
Toluene	ND	89	91	2.2	102	98	4.0
trans-1,2-Dichloroethene	ND	80	86	7.2	121	115	5.1
trans-1,3-Dichloropropene	ND	95	95	0.0	89	89	0.0
trans-1,4-dichloro-2-butene	ND	84	83	1.2	58	72	21.5
Trichloroethene	ND	89	91	2.2	104	101	2.9
Trichlorofluoromethane	ND	76	83	8.8	118	114	3.4
Trichlorotrifluoroethane	ND	82	88	7.1	126	122	3.2
Vinyl chloride	ND	71	72	1.4	115	117	1.7
% 1,2-dichlorobenzene-d4	107	100	95	5.1	94	100	6.2
% Bromofluorobenzene	87	100	99	1.0	97	98	1.0
% Dibromofluoromethane	110	96	92	4.3	105	118	11.7
% Toluene-d8	98	98	99	1.0	100	98	2.0

Comment:

A blank MS/MSD was analyzed with this batch.

QA/QC Batch 166203, QC Sample No: AZ80176 (AZ79396)

Polychlorinated Biphenyls

PCB-1016	ND	117	102	13.7	94	110	15.7
PCB-1221	ND						
PCB-1232	ND						
PCB-1242	ND						
PCB-1248	ND						
PCB-1254	ND						
PCB-1260	ND	108	94	13.9	116	117	0.9
PCB-1262	ND						
PCB-1268	ND						
% DCBP (Surrogate Rec)	130	122	106	14.0	113	127	11.7
% TCMX (Surrogate Rec)	94	88	78	12.0	70	75	6.9

QA/QC Batch 166729, QC Sample No: AZ82348 (AZ79399, AZ79415)

Pesticides

4,4' -DDD	ND	99	103	4.0
4,4' -DDE	ND	90	93	3.3
4,4' -DDT	ND	88	90	2.2
a-BHC	ND	88	91	3.4
a-Chlordane	ND	82	84	2.4
Alachlor	ND	N/A	N/A	NC
Aldrin	ND	81	84	3.6
b-BHC	ND	98	99	1.0
Chlordane	ND	N/A	N/A	NC
d-BHC	ND	96	100	4.1
Dieldrin	ND	84	87	3.5
Endosulfan I	ND	81	84	3.6
Endosulfan II	ND	71	73	2.8
Endosulfan sulfate	ND	92	97	5.3
Endrin	ND	80	83	3.7
Endrin aldehyde	ND	115	117	1.7
Endrin ketone	ND	102	107	4.8
g-BHC	ND	88	92	4.4
g-Chlordane	ND	82	85	3.6
Heptachlor	ND	82	86	4.8
Heptachlor epoxide	ND	85	88	3.5

QA/QC Data

SDG I.D.: GAZ79372

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
Methoxychlor	ND	93	97	4.2			
Toxaphene	ND	N/A	N/A	NC			
% DCBP	109	110	110	0.0			
% TCMX	81	80	85	6.1			

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
December 28, 2010

Sample Criteria Exceedences Report

Requested Criteria: GAM, GBM, GWP, RC, RV, SWP

GAZ79372

SampNo	LocCode	Acode	Phoenix Analyte	Criteria Units	ST	State Category	Criteria Name	Result	RL	Factored Criteria	Factored RL Criteria	Analysis Units
AZ79380	DTECHDAS	$8100SMR	Benzo(b)fluoranthene	mg/kg	CT	Semivolatile Organic Comp	GA/GAA PMC (mg/kg)	1300	500	1000	1000	ug/Kg
AZ79380	DTECHDAS	$8100SMR	Benzo(b)fluoranthene	mg/kg	CT	Semivolatile Organic Comp	GB PMC (mg/kg)	1300	500	1000	1000	ug/Kg
AZ79380	DTECHDAS	$8100SMR	Benzo(b)fluoranthene	mg/kg	CT	Semivolatile Organic Comp	RES DEC (mg/kg)	1300	500	1000	1000	ug/Kg
AZ79380	DTECHDAS	$8100SMR	Benzo(a)pyrene	mg/kg	CT	Semivolatile Organic Comp	GA/GAA PMC (mg/kg)	1100	500	1000	1000	ug/Kg
AZ79380	DTECHDAS	$8100SMR	Benzo(a)pyrene	mg/kg	CT	Semivolatile Organic Comp	GB PMC (mg/kg)	1100	500	1000	1000	ug/Kg
AZ79380	DTECHDAS	$8100SMR	Benzo(a)pyrene	mg/kg	CT	Semivolatile Organic Comp	RES DEC (mg/kg)	1100	500	1000	1000	ug/Kg
AZ79380	DTECHDAS	PB-SM	Lead	mg/kg	CT	Inorganic Substances	RES DEC (mg/kg)	1650	37	400	400	mg/Kg
AZ79380	DTECHDAS	SPLP-PB	SPLP Lead	mg/l	CT	Inorganic Substances	GA/GAA PMC (mg/l)**	0.059	0.010	0.015	0.015	mg/L
AZ79380	DTECHDAS	TCLP-PB	TCLP Lead	mg/l	CT	Inorganic Substances	GA/GAA PMC (mg/l)**	1.09	0.015	0.015	0.015	mg/L
AZ79380	DTECHDAS	TCLP-PB	TCLP Lead	mg/l	CT	Inorganic Substances	GB PMC (mg/l)**	1.09	0.015	0.15	0.15	mg/L
AZ79396	DTECHDAS	$8100SMR	Benz(a)anthracene	mg/kg	CT	Semivolatile Organic Comp	GA/GAA PMC (mg/kg)	1100	270	1000	1000	ug/Kg
AZ79396	DTECHDAS	$8100SMR	Benz(a)anthracene	mg/kg	CT	Semivolatile Organic Comp	GB PMC (mg/kg)	1100	270	1000	1000	ug/Kg
AZ79396	DTECHDAS	$8100SMR	Benz(a)anthracene	mg/kg	CT	Semivolatile Organic Comp	RES DEC (mg/kg)	1100	270	1000	1000	ug/Kg
AZ79396	DTECHDAS	$8100SMR	Chrysene	mg/kg	CT	Semivolatile Organic Comp	GA/GAA PMC (mg/kg)	1100	270	1000	1000	ug/Kg
AZ79396	DTECHDAS	$8100SMR	Chrysene	mg/kg	CT	Semivolatile Organic Comp	GB PMC (mg/kg)	1100	270	1000	1000	ug/Kg
AZ79396	DTECHDAS	$8100SMR	Benzo(b)fluoranthene	mg/kg	CT	Semivolatile Organic Comp	GA/GAA PMC (mg/kg)	1600	270	1000	1000	ug/Kg
AZ79396	DTECHDAS	$8100SMR	Benzo(b)fluoranthene	mg/kg	CT	Semivolatile Organic Comp	GB PMC (mg/kg)	1600	270	1000	1000	ug/Kg
AZ79396	DTECHDAS	$8100SMR	Benzo(b)fluoranthene	mg/kg	CT	Semivolatile Organic Comp	RES DEC (mg/kg)	1600	270	1000	1000	ug/Kg
AZ79396	DTECHDAS	$8100SMR	Benzo(a)pyrene	mg/kg	CT	Semivolatile Organic Comp	GA/GAA PMC (mg/kg)	1100	270	1000	1000	ug/Kg
AZ79396	DTECHDAS	$8100SMR	Benzo(a)pyrene	mg/kg	CT	Semivolatile Organic Comp	GB PMC (mg/kg)	1100	270	1000	1000	ug/Kg
AZ79396	DTECHDAS	$8100SMR	Benzo(a)pyrene	mg/kg	CT	Semivolatile Organic Comp	RES DEC (mg/kg)	1100	270	1000	1000	ug/Kg
AZ79399	DTECHDAS	$PEST_SMR	Chlordane	mg/kg	CT	Pesticides, Pcb's, Tph, A	GA/GAA PMC (mg/kg)	110	11	66	66	ug/Kg
AZ79399	DTECHDAS	$PEST_SMR	Chlordane	mg/kg	CT	Pesticides, Pcb's, Tph, A	GB PMC (mg/kg)	110	11	66	66	ug/Kg
AZ79418	DTECHDAS	$8100SIMR	Benzo(b)fluoranthene	ug/L	CT	Semivolatile Organic Comp	GWPC (µg/L)	0.087	0.020	0.08	0.08	ug/L
AZ79418	DTECHDAS	$8100SIMR	Dibenz(a,h)anthracene	ug/L	CT	Semivolatile Organic Comp	SWPC (µg/L)	0.025	0.010	0.01	0.01	ug/L
AZ79418	DTECHDAS	$8260GWR	Acrylonitrile	ug/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	5.0	0.5	0.5	ug/L
AZ79418	DTECHDAS	$8260GWR	Dibromoethane	ug/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	1.0	0.05	0.05	ug/L
AZ79419	DTECHDAS	$8260GWR	Acrylonitrile	ug/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	5.0	0.5	0.5	ug/L
AZ79419	DTECHDAS	$8260GWR	Dibromoethane	ug/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	1.0	0.05	0.05	ug/L
AZ79419	DTECHDAS	AS-WM	Arsenic	ug/L	CT	Inorganic Substances	GWPC (µg/L)	0.079	0.004	0.01	0.01	mg/L
AZ79419	DTECHDAS	AS-WM	Arsenic	ug/L	CT	Inorganic Substances	SWPC (µg/L)	0.079	0.004	0.004	0.004	mg/L
AZ79419	DTECHDAS	BA-WM	Barium	ug/L	CT	Inorganic Substances	GWPC (µg/L)	5.50	0.002	1	1	mg/L
AZ79419	DTECHDAS	BA-WM	Barium	ug/L	CT	Inorganic Substances	SWPC (µg/L)	5.50	0.002	4.54	4.54	mg/L
AZ79419	DTECHDAS	CD-WM	Cadmium	ug/L	CT	Inorganic Substances	GWPC (µg/L)	0.017	0.001	0.005	0.005	mg/L
AZ79419	DTECHDAS	CD-WM	Cadmium	ug/L	CT	Inorganic Substances	SWPC (µg/L)	0.017	0.001	0.006	0.006	mg/L
AZ79419	DTECHDAS	CR-WM	Chromium	ug/L	CT	Inorganic Substances	GWPC (µg/L)	0.237	0.001	0.1	0.1	mg/L
AZ79419	DTECHDAS	CU-WM	Copper	ug/L	CT	Inorganic Substances	GWPC (µg/L)	2.26	0.010	1.3	1.3	mg/L

Sample Criteria Exceedences Report

Requested Criteria: GAM, GBM, GWP, RC, RV, SWP

GAZ79372

SampNo	LocCode	Acode	Phoenix Analyte	Criteria Units	ST	State Category	Criteria Name	Result	RL	Factored Criteria	Factored RL Criteria	Analysis Units
AZ79419	DTECHDAS	CU-WM	Copper	ug/L	CT	Inorganic Substances	SWPC (µg/L)	2.26	0.010	0.048	0.048	mg/L
AZ79419	DTECHDAS	PB-WM	Lead	ug/L	CT	Inorganic Substances	GWPC (µg/L)	0.497	0.002	0.015	0.015	mg/L
AZ79419	DTECHDAS	PB-WM	Lead	ug/L	CT	Inorganic Substances	SWPC (µg/L)	0.497	0.002	0.013	0.013	mg/L
AZ79419	DTECHDAS	ZN-WM	Zinc	ug/L	CT	Inorganic Substances	SWPC (µg/L)	2.89	0.020	0.123	0.123	mg/L
AZ79420	DTECHDAS	$8260GWR	Acrylonitrile	ug/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	5.0	0.5	0.5	ug/L
AZ79420	DTECHDAS	$8260GWR	Dibromoethane	ug/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	1.0	0.05	0.05	ug/L
AZ79420	DTECHDAS	AS-WM	Arsenic	ug/L	CT	Inorganic Substances	SWPC (µg/L)	0.009	0.004	0.004	0.004	mg/L
AZ79420	DTECHDAS	CU-WM	Copper	ug/L	CT	Inorganic Substances	SWPC (µg/L)	0.049	0.001	0.048	0.048	mg/L
AZ79421	DTECHDAS	$8260GWR	Acrylonitrile	ug/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	5.0	0.5	0.5	ug/L
AZ79421	DTECHDAS	$8260GWR	Dibromoethane	ug/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	1.0	0.05	0.05	ug/L
AZ79422	DTECHDAS	$8260GWR	Acrylonitrile	ug/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	5.0	0.5	0.5	ug/L
AZ79422	DTECHDAS	$8260GWR	Dibromoethane	ug/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	1.0	0.05	0.05	ug/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: 09-088-02E **Project Number:**

Laboratory Sample ID(s): AZ79372, AZ79373, AZ79374, AZ79375, AZ79376, AZ79377, AZ79378, AZ79379, AZ79380, AZ79381, AZ79382, AZ79383, AZ79384, AZ79385, AZ79386, AZ79387, AZ79388, AZ79389, AZ79390, AZ79391, AZ79392, AZ79393, AZ79394, AZ79395, AZ79396, AZ79397, AZ79398, AZ79399, AZ79400, AZ79401, AZ79402, AZ79403, AZ79404, AZ79405, AZ79406, AZ79407, AZ79408, AZ79409, AZ79410, AZ79411, AZ79412, AZ79413, AZ79414, AZ79415, AZ79416, AZ79417, AZ79418, AZ79419, AZ79420, AZ79421, AZ79422

Sampling Date(s): 11/18/2010

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: Herbicide Narration, ICP Narration, Mercury 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: Tuesday, December 28, 2010

Printed Name: Greg Lawrence

Position: Assistant Lab Director

Nov 2007

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

December 28, 2010

SDG I.D.: GAZ79372

Volatile 8260 analysis:
The reporting level for Acrylonitrile is above the GWP criteria.
Dibromoethane doesn't meet GWP criteria, this compound is analyzed by GC/ECD method 504 or 8011 when this criteria needs to be met.

The client prepared low level vial had too much soil. Therefore the samples would not purge. Phoenix prepared sample per method 5035.

8270 Semi-volatile Organics:
Only the PAH constituents are reported as requested on the chain-of-custody.

ETPH Narration

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

Instrument: Au-fid1 11/29/10-1 (AZ79380)

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 Jeff Bucko
Position: Chemist
Date: 11/29/2010

Instrument: Aufid3 11/22/10-1 (AZ79372)

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 Jeff Bucko
Position: Chemist
Date: 11/22/2010

Instrument: Aufid3 11/22/10-2 (AZ79373, AZ79384, AZ79385, AZ79390, AZ79391, AZ79395, AZ79396, AZ79402, AZ79406)

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

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RCP Certification Report

December 28, 2010

SDG I.D.: GAZ79372

Printed Name Jeff Bucko
Position: Chemist
Date: 11/22/2010

Instrument: Au-xl1 11/22/10-2 (AZ79407, AZ79410, AZ79411, AZ79415)

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:C36

Printed Name Jeff Bucko
Position: Chemist
Date: 11/22/2010

Instrument: Au-xl1 11/23/10-1 (AZ79379, AZ79399)

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:C36

Printed Name Jeff Bucko
Position: Chemist
Date: 11/23/2010

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RCP Certification Report

December 28, 2010

SDG I.D.: GAZ79372

QC (Site Specific)

---------- Sample No: AZ79407 ----------

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

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 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.

Herbicide Narration

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

The LCS/LCSD recovery for 2,4-DB is below the lower range. A low bias for this compound is possible. The LCS/LCSD and MS/MSD recovery for 2,4,5-TP, dichloroprop and the surrogate DCAA are above the upper range. No significant bias is suspected.

QC Comments: QC Batch 66273 11/23/10 (AZ79419, AZ79420)

A LCS and LCS duplicate were performed instead of a matrix spike and matrix spike duplicate, unless otherwise noted.

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RCP Certification Report

December 28, 2010

SDG I.D.: GAZ79372

QC (Site Specific)

---------- Sample No: AZ79372 ----------

All LCS recoveries were within 30 - 150 with the following exceptions: % DCAA (Surrogate Rec), 2,4,5-TP (Silvex)

All LCSD recoveries were within 30 - 150 with the following exceptions: % DCAA (Surrogate Rec), 2,4,5-TP (Silvex)

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

All MS recoveries were within 30 - 150 with the following exceptions: % DCAA (Surrogate Rec), 2,4,5-TP (Silvex), Dichloroprop, MCPP

All MSD recoveries were within 30 - 150 with the following exceptions: % DCAA (Surrogate Rec), 2,4,5-TP (Silvex), Dichloroprop, MCPP

All MS/MSD RPDs were less than 30% with the following exceptions: 2,4-DB

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 - 150 with the following exceptions: 2,4-DB

All LCSD recoveries were within 30 - 150 with the following exceptions: 2,4-DB

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

Mercury Narration

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

The LCS/LCSD and MS/MSD recovery for the soil samples is above the upper range. No significant bias is suspected.

Instrument: Merlin 11/24/10-1 (AZ79372, AZ79373, AZ79379, AZ79380, AZ79384, AZ79385, AZ79390, AZ79391, AZ79395, AZ79396, AZ79399, AZ79402, AZ79406, AZ79407, AZ79410, AZ79411, AZ79419, AZ79420)

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: 11/24/2010

Instrument: Merlin 11/30/10-1 (AZ79415)

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.

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RCP Certification Report

December 28, 2010

SDG I.D.: GAZ79372

All calibration verification standards (ICV, CCV) met criteria.
All calibration blank verification standards (ICB, CCB) met criteria.

Printed Name Phyllis Shiller
Position: Chemist
Date: 11/30/2010

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? No.

A trace amount of zinc was detected in the preparation blank for the soil samples.

Instrument: Icp7 11/20/10-1 (AZ79372, AZ79373, AZ79379, AZ79380, AZ79384, AZ79385, AZ79390)

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: 11/20/2010

Instrument: Icp7 11/22/10-1 (AZ79391)

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: 11/22/2010

Instrument: Icp7 11/23/10-1 (AZ79395, AZ79396, AZ79399, AZ79402, AZ79406, AZ79407, AZ79410, AZ79411, AZ79415)

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.

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

RCP Certification Report

December 28, 2010

SDG I.D.: GAZ79372

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: 11/23/2010

Instrument: Icp7 12/03/10-1 (AZ79381)

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: 12/3/2010

Instrument: Icp9 11/20/10-1 (AZ79419, AZ79420)

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: 11/20/2010

Instrument: Icp9 11/22/10-1 (AZ79380, AZ79419)

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: 11/22/2010

Instrument: Icp9 11/29/10-1 (AZ79380)

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: 11/29/2010

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RCP Certification Report

December 28, 2010

SDG I.D.: GAZ79372

Instrument: Icp9 12/03/10-1 (AZ79380, AZ79415)

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: 12/3/2010

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 20% with the following exceptions: None.

PAH Narration

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

Instrument: Chem09 11/20/10-1 (AZ79372, AZ79373, AZ79379, AZ79380, AZ79384, AZ79385, AZ79390, AZ79391, AZ79395, AZ79396, AZ79399, AZ79402, AZ79406, AZ79407, AZ79410, AZ79411, AZ79415)

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

Initial Calibration (Chem06/BN_1110)
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: None

The following compounds failed to meet the minimum required response factor: None

Continuing Calibration:
Greater than 80% of target compounds met continuing calibraion criteria with a %D <20. The following compunds had >20% difference from the initial calibration: None.

Printed Name Keith Aloisa
Position: Chemist
Date: 11/20/2010

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RCP Certification Report

December 28, 2010

SDG I.D.: GAZ79372

QC (Site Specific)

---------- Sample No: AZ79397 ----------

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.

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.

PCB Narration

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

Instrument: Au-ecd1 11/22/10-1 (AZ79402, AZ79407)

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 Keith Aloisa
Position: Chemist
Date: 11/22/2010

Instrument: Au-ecd6 11/22/10-1 (AZ79372, AZ79379, AZ79384, AZ79390, AZ79395, AZ79399, AZ79406, AZ79410, AZ79415)

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

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RCP Certification Report

December 28, 2010

SDG I.D.: GAZ79372

Printed Name Michael Hahn
Position: Chemist
Date: 11/22/2010

Instrument: Au-ecd6 11/24/10-1 (AZ79396)

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 Keith Aloisa
Position: Chemist
Date: 11/24/2010

QC Comments: QC Batch 66102 11/19/10 (AZ79419, AZ79420)

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.

PEST Narration

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

Instrument: Au-ecd13 11/22/10-1 (AZ79372, AZ79379, AZ79384, AZ79390, AZ79395, AZ79399, AZ79406, AZ79410, AZ79415)

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

Printed Name Keith Aloisa
Position: Chemist
Date: 11/22/2010

Instrument: Au-ecd13 12/06/10-1 (AZ79391, AZ79399, AZ79400, AZ79415)

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RCP Certification Report

December 28, 2010

SDG I.D.: GAZ79372

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

Printed Name Michael Hahn
Position: Chemist
Date: 12/6/2010

Instrument: Au-ecd4 11/23/10-1 (AZ79419, AZ79420)

8081 Narration:

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

The initial calibration RSD for the compound list was less than 20% 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: 11/23/2010

QC Comments: QC Batch 66103 11/19/10 (AZ79419, AZ79420)

A LCS and LCS duplicate were performed instead of a matrix spike and matrix spike duplicate, unless otherwise noted. Alpha and gamma chlordane were spiked and analyzed instead of technical chlordane.

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December 28, 2010

SDG I.D.: GAZ79372

QC (Site Specific)

---------- Sample No: AZ79391 ----------

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 20% 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 20% with the following exceptions: None.

---------- Sample No: AZ79406 ----------

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 20% 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 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 30 - 130 with the following exceptions: None.

All LCSD recoveries were within 30 - 130 with the following exceptions: Endrin aldehyde, Methoxychlor

All LCS/LCSD RPDs were less than 20% with the following exceptions: None.

SVOA Narration

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

Instrument: Chem09 12/03/10-1 (AZ79381, AZ79397)

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

Initial Calibration (Chem09/SV_1203):
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-nitroaniline, 4,6-dinitro-2-methylphenol

The following compounds failed to meet the minimum required response factor: none

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, Atrazine

Printed Name Keith Aloisa
Position: Chemist
Date: 12/3/2010

QC (Site Specific)

---------- Sample No: AZ79397 ----------

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 20% 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 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 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 20% with the following exceptions: None.

SVOASIM Narration

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

Instrument: Chem04 11/22/10-1 (AZ79418, AZ79419, AZ79420)

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

In the event that lower detection levels were requested, the samples may have been analyzed by selective ion monitoring (SIM) mode.

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RCP Certification Report

December 28, 2010

SDG I.D.: GAZ79372

Initial Calibration (Chem04/SIM_1119):
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: Pentachlorophenol

The following compounds failed to meet the minimum required response factor: None

Continuing Calibration:
Greater than 80% of target compounds met continuing calibraion criteria with a %D <20. The following compunds had >20% difference from the initial calibration: Bis(2-ethylhexyl)phthalate

If PAH/base neutral were requested, Phoenix utilized a method that contained a shortened list , so some of the compounds in the narrative may be non-applicable.

Printed Name Keith Aloisa
Position: Chemist
Date: 11/22/2010

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 20% with the following exceptions: None.

VOA Narration

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

The LCS and/or LCSD recovery for 1,1,2,2-tetrachloroethane, 1,2,4-trichlorobenzene, 2,2-dichloropropane, chloromethane, dichlorodifluoromethane, trans-1,4-dichloro-2-butene are below the lower range in several analytical batches. A low bias for these compounds is possible. The LCS and/or LCSD recovery for several other compounds is above the upper range. No significant bias is suspected.

Instrument: Chem02 11/19/10-3 (AZ79418, AZ79419, AZ79420, AZ79421)

P-Side
Initial Calibration (RPP_1105):
All SPCCs, CCCs and >80% of target compounds met criteria except that the following compounds had %RSDs >20%: Acetone, Methylene Chloride, Methyl Ethyl Ketone, 4-methyl-2-pentanone, 2-hexanone, Trans-1,4-dichloro-2-butene

Continuing Calibration Verification:
All SPCCs, CCCs and >80% of target compounds met criteria. Internal standards were within the 50%-200% deviation from the initial calibration.
The following compounds had % Deviations >30%: None.

Printed Name Lynne Matteson
Position: Chemist
Date: 11/19/2010

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RCP Certification Report

December 28, 2010

SDG I.D.: GAZ79372

Instrument: Chem02 11/23/10-1 (AZ79422)

P-Side
Initial Calibration (RPP_1105):
All SPCCs, CCCs and >80% of target compounds met criteria except that the following compounds had %RSDs >20%: Acetone, Methylene Chloride, Methyl Ethyl Ketone, 4-methyl-2-pentanone, 2-hexanone, Trans-1,4-dichloro-2-butene

Continuing Calibration Verification:
All SPCCs, CCCs and >80% of target compounds met criteria. Internal standards were within the 50%-200% deviation from the initial calibration.
The following compounds had % Deviations >30%: 2,2-Dichloropropane, Tetrahydrofuran (THF), 2-Hexanone, trans-1,4-Dichloro-2-butene

Printed Name Lynne Matteson
Position: Chemist
Date: 11/23/2010

Instrument: Chem08 11/19/10-2 (AZ79422)

R -Side
Initial Calibration(RCPR_0923):
All SPCCs, CCCs and >80% of target compounds met criteria except that the following compounds had %RSDs >20%: None

Continuing Calibration Verification:
All SPCCs, CCCs and >80% of target compounds met criteria. Internal standards were within the 50%-200% deviation from the initial calibration.
The following compounds had % Deviations >30%: None

S -Side
S -Side
Initial Calibration(RCPS_1118):
All SPCCs, CCCs and >80% of target compounds met criteria except that the following compounds had %RSDs >20%: Acrolein, Naphthalene

Continuing Calibration Verification:
All SPCCs, CCCs and >80% of target compounds met criteria. Internal standards were within the 50%-200% deviation from the initial calibration.
The following compounds had % Deviations >30%: None.

Printed Name Lynne Matteson
Position: Chemist
Date: 11/19/2010

Instrument: Chem11 11/19/10-2 (AZ79390)

Initial Calibration Verification (CHEM11/RCPS_1117):
>90% of target compounds met criteria.
The following compounds had %RSDs >20%: Acetone, Hexachlorobutadiene

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%: None.

Printed Name Lynne Matteson
Position: Chemist
Date: 11/19/2010

Instrument: Chem11 11/19/10-3 (AZ79411)

Initial Calibration Verification (CHEM11/RCPS_1117):
>90% of target compounds met criteria.
The following compounds had %RSDs >20%: Acetone, Hexachlorobutadiene

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%: Dichlorodifluoromethane, 2-Hexanone, 1,2,4-Trichlorobenzene, 1,2,3-Trichlorobenzene

Printed Name Lynne Matteson
Position: Chemist
Date: 11/19/2010

Instrument: Chem11 11/19/10-4 (AZ79372, AZ79373, AZ79379, AZ79380, AZ79384, AZ79385, AZ79391, AZ79395, AZ79396, AZ79402, AZ79406, AZ79407, AZ79410, AZ79415, AZ79416)

Initial Calibration Verification (CHEM11/RCPS_1117):
>90% of target compounds met criteria.
The following compounds had %RSDs >20%: Acetone, Hexachlorobutadiene

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%: None.

Printed Name Lynne Matteson
Position: Chemist
Date: 11/19/2010

Instrument: Chem11 11/19/10-5 (AZ79399)

Initial Calibration Verification (CHEM11/RCPS_1117):
>90% of target compounds met criteria.
The following compounds had %RSDs >20%: Acetone, Hexachlorobutadiene

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%: Bromoform, 1,2,3-Trichloropropane, trans-1,4-Dichloro-2-butene

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December 28, 2010

SDG I.D.: GAZ79372

Printed Name	Lynne Matteson
Position:	Chemist
Date:	11/19/2010

QC Comments: QC Batch 66225 11/22/10 (AZ79418, AZ79419, AZ79420, AZ79421)

A blank MS/MSD was analyzed with this batch.

QC Comments: QC Batch 66286 11/23/10 (AZ79411)

The LCSD is not reported for this batch.

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December 28, 2010

SDG I.D.: GAZ79372

QC (Site Specific)

---------- Sample No: AZ79372 ----------

All LCS recoveries were within 70 - 130 with the following exceptions: None.

All LCSD recoveries were within 70 - 130 with the following exceptions: None.

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

All MS recoveries were within 70 - 130 with the following exceptions: None.

All MSD recoveries were within 70 - 130 with the following exceptions: None.

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

---------- Sample No: AZ79395 ----------

All LCS recoveries were within 70 - 130 with the following exceptions: None.

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

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

All MS recoveries were within 70 - 130 with the following exceptions: 1,2,3-Trichlorobenzene, 1,2,3-Trichloropropane, 1,2,4-Trichlorobenzene, 2-Hexanone, 4-Methyl-2-pentanone, Acetone, Dichlorodifluoromethane, Methyl ethyl ketone, trans-1,4-dichloro-2-butene

All MSD recoveries were within 70 - 130 with the following exceptions: 1,2,3-Trichloropropane, 1,2,4-Trichlorobenzene, 2,2-Dichloropropane, 2-Hexanone, 4-Methyl-2-pentanone, Acetone, Bromomethane, Carbon Disulfide, Chloromethane, Dichlorodifluoromethane, Methyl ethyl ketone, n-Butylbenzene, p-Isopropyltoluene, Styrene, trans-1,4-dichloro-2-butene, Vinyl chloride

All MS/MSD RPDs were less than 30% with the following exceptions: trans-1,2-Dichloroethene

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: 1,2,3-Trichlorobenzene, 1,2,3-Trichloropropane, 1,2-Dibromo-3-chloropropane, 2,2-Dichloropropane, Chloromethane, Dichlorodifluoromethane, Naphthalene, trans-1,4-dichloro-2-butene

All LCSD recoveries were within 70 - 130 with the following exceptions: 1,2,3-Trichlorobenzene, 2,2-Dichloropropane, Acetone, Naphthalene, trans-1,4-dichloro-2-butene

All LCS/LCSD RPDs were less than 30% with the following exceptions: 1,2,3-Trichloropropane, 1,2-Dichloroethane, Acetone, trans-1,4-dichloro-2-butene

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Temp 6°C Pg 1 of 5

Data Delivery:
☐ Fax #:
☒ Email: ethan.stewart@teamdtc.com

Customer: Diversified Technology Consultants
Address: 2321 Whitney Ave
Hamden CT 06518

Project: 09-188-02E
Report to: D.T.C.
Invoice to: Conn DOT / DAS contract

Project P.O:
Phone #: 203-239-4200
Fax #:

Client Sample - Information - Identification

Sampler's Signature: [signature] Date 11/18/10

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	ETPH	Pest 8081	Chl. herbicides	PCBs 8082	PAHs 8270	Total As, Cd, Cr, Hg, Pb						Soil VOA [X] 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
79372	B3 0-1.5'	S	11/18	0730	*	*	*	*	*	*	*						3	1								
79373	B3 4-6'	↓	↓	0740	*	*				*	*						3	1								
79374	B3 6-8'			0745													3	1								
79375	B3 8-10'			0755													3	1								
79376	B3 10-11.5'			0800													3	1								
79377	B3 12-14'			0810													3	1								
79378	B3 14-15'			0815													3	1								
79379	B1 0-2.5'			0900	*	*	*	*	*	*	*						3	1								
79380	B1 4-6'			0910	*	*				*	*						3	1								
79381	B1 6-8'			0915													3	1								
79382	B1 8-10'			0925													3	1								
79383	B1 10-12	↓	↓	0930													3	1								

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	11/19/10	1:15
[signature]	Lori Brycka	11-19-10	15:30

Comments, Special Requirements or Regulations:

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

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Temp 6°C Pg 2 of 5

Data Delivery:
☐ Fax #:
☒ Email: ethan.stewart@tetratech.com

Customer: D.T.C.
Address:
Project: 09-188-02E NRHB-
Report to: East St
Invoice to:
Project P.O: Conn DOT / DAS contract
Phone #:
Fax #:

Client Sample - Information - Identification

Sampler's Signature: [signature] Date 11/18/10

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	ETPH	Pest 8081	Chl. herbicides	PCBs 8082	RCRA 8270	Total As, Cd, Cr, Hg, Pb						Soil VOA ☒ Methanol [ ] S. Bisulfate ☒ H20	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
79384	B8 0-2'	S	11/18	1010	*	*	*	*	*	*	*						3	1								
79385	B8 2-3'	↓	↓	1015	*	*				*	*						3	1								
79386	B8 4-6'			1025													3	1								
79387	B8 6-8'			1030													3	1								
79388	B8 8-10'			1040													3	1								
79389	B8 10-12'			1045													3	1								
79390	B7 0-2'			1115	*	*	*	*	*	*	*						3	1								
79391	B7 2-3'			1120	*	*				*	*						3	1								
79392	B7 4-6'			1130													3	1								
79393	B7 6-7'			1135													3	1								
79394	B7 8-9'			1145													3	1								
79395	B6 0-2'	↓	↓	1210	*	*	*	*	*	*	*						3	1								

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	11/19/10	1:15
[signature]	[signature]	11-19-10	15:30

Comments, Special Requirements or Regulations:

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

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 3 of 5

Data Delivery:
☐ Fax #:
☒ Email: ethan.stewart@teamate.com

Customer: D.T.C.
Address:
Project: 09-188-02E NBHB-East St
Report to:
Invoice to:
Project P.O: Conroot / DAS contract
Phone #:
Fax #:

Client Sample - Information - Identification

Sampler's Signature: [signature] Date 11/18/10

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	ETBH	Pest 8081	Chl. herbicides	PCBs 8082	PAHs 8270	Total As, Cr, Cu, Pb, Hg, Zn					Soil VOA ☒ Methanol [ ] S. Bisulfate ☒ H20	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
79396	B6 4-6'	S	11/18	1220	*	*			*	*	*					3	1								
79397	B6 6-7.5'	↓	↓	1225												3	1								
79398	B6 8-10'	↓	↓	1235												3	1								
79399	B4 0-2'	↓	↓	1305	*	*	*	*	*	*	*					3	1								
79400	B4 2-3.5'	↓	↓	1310												3	1								
79401	B4 4-6'	↓	↓	1320			NO									3	1								
79402	B4 6-8'	↓	↓	1325	*	*	[redacted]		*	*	*					3	1								
79403	B4 8-10'	↓	↓	1340												3	1								
79404	B4 12-14'	↓	↓	1350												3	1								
79405	B4 14-16'	↓	↓	1355												3	1								
79406	B5 0-2'	↓	↓	1420	*	*	*	*	*	*	*					3	1								
79407	B5 2-4'	↓	↓	1425	*	*			*	*	*					3	1								

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	11/19/10	1:25
[signature]	[signature]	11-19-10	15:30

Comments, Special Requirements or Regulations:

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☒ Standard
☐ Other
5 day
* SURCHARGE APPLIES

CT/RI
☒ RCP Cert.
☐ GW Protect.
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☒ 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

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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 10°C Pg 4 of 5

Data Delivery:
- [ ] Fax #:
- [x] Email: ethan.stewart@tetratech.com

Customer: D.T.C.
Address:
Project: 09-188-02F NBAB-East St
Report to:
Invoice to:
Project P.O: ConnDOT / DAS contract
Phone #:
Fax #:

Client Sample - Information - Identification

Sampler's Signature: [signature] Date 11/18/10

Matrix Code:
DW=drinking water WW=wastewater S=soil/solid O=other
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Analysis Request

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	VOCs 8260	ETPH	Pest 8081	Chl. herbicides	PCBs 8082	PAHs 8270	Total As, Ca, Cr, Hg, Pb	Soil VOA [x] 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 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
794108	B5 4-6'	S	11/18	1435								3	1								
794109	B5 8-9'	S		1440								3	1								
794110	B2 0-2'	S		1500	*	*	*	*	*	*	*	3	1								
794111	B2 4-6'	S		1505	*	*				*	*	3	1								
794112	B2 6-8'	S		1515								3	1								
794113	B2 8-10'	S		1520								3	1								
794114	B2 10-12'	S		1525								3	1								
794115	Duplicate-1	S			*	*	*	*	*	*	*	3	1								
794116	Trip Blank #1	O			*							3									
794117	B7 12-13.4'	S	11/18	0935								3	1								
796055	TB 1																				

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	11/19/10	1:15
[signature]	[signature]	11-19-10	1513

Comments, Special Requirements or Regulations:

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

5 day

* SURCHARGE APPLIES

CT/RI
- [x] RCP Cert.
- [ ] GW Protect.
- [ ] GA Mobility
- [x] GB Mobility
- [ ] SW Protect.
- [ ] 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
- [x] 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

Temp 6.0°C pg 5 of 5

PHOENIX Environmental Laboratories, Inc.

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Email: service@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

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- [ ] Fax #:
- [x] Email: ethan.stewart@tetratech.com

Customer: D.T.C.
Address:

Project: 09-188-02F NBHB-East St
Report to:
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Project P.O: Comdot / DAS contract
Phone #:
Fax #:

Client Sample - Information - Identification

Sampler's Signature: [signature] Date 11/18/10

Matrix Code:
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GW=groundwater SL=sludge A=air

Analysis Request

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	VOCs 624	BNAs 625	PEST 608	Herbicides 615	PCBs 608	Total Cd,Cr,Pb,Hg,Zn by 200.7	Dissolved Cd,Cr,Pb,Hg,Zn by 200.7	TPH 1664	Soil VOA [ ] Methanol [ ] S. Bisulfate [ ] H2O	GL Soil container [ ] oz	GL Soil container [ ] oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] HCl	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml [ ] 1000ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
79418	B8/GW	GW	11/18	1100	*	*						*				2	2					
79419	B7/GW	GW	↓	1200	*	*	*	*	*	*	*	*				2	4	1		1		
79420	B6/GW	GW		1245	*	*	*	*	*	*	*	*				2	4	1		1		
79421	Duplicate-2	GW			*							*				2	1					
79422	Field Blank	O*			*							*				2	1					
* 79423	Trip Blank	O	↓		*											1						

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	11/19/10	1:45
[signature]	[signature]	11-19-10	15:30

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

* DI H_2O

* Deleted sample, run not good. Only rec. one vial

Bobbi - Phoenixlabs

From: Stewart, Ethan [ethan.stewart@teamdtc.com]
Sent: Thursday, December 02, 2010 11:04 AM
To: Bobbi - Phoenixlabs
Subject: Additional Analysis Request

Hi Bobbi-

Can you please forward this to the correct person.

I need to add some analysis for the following samples:

Phoenix #
(79381)-------B1 (6-8') add: PAHs 8270, total Pb

(79380)-------B1 (4-6') add: SPLP and TCLP Pb

(79397)-------B6 (6-7.5') add: PAHs 8270

(79399)-------B4 (0-2') add: SPLP Pesticides 8081

(79400)-------B4 (2-3.5') add: Pesticides 8081

(79391)-------B7 (2-3') add: Pesticides 8081

(79415)------Duplicate-1 add: SPLP Pesticides and SPLP Pb

Thank You

Ethan

Ethan Stewart
Sr. Environmental Scientist
Diversified Technology Consultants, Inc. (DTC)
2321 Whitney Ave.
Suite 301, Hamden, CT 06518
Tel: 203.239.4200 | Fax: 203.234.7376
www.teamdtc.com

Bobbi - Phoenixlabs

From: Bobbi - Phoenixlabs [bobbi@phoenixlabs.com]
Sent: Thursday, December 23, 2010 11:24 AM
To: 'Stewart, Ethan'
Subject: RE: Additional analysis

HI Ethan
AZ79418 and AZ79421 we can not add metals to these two numbers because they only had Volatiles and PAHs on them

The other two I did add to them

Merry Christmas
Bobbi

Bobbi Aloisa
Vice President
Director of Client Services
Phoenix Environmental Laboratories
587 East Middle Turnpike
Manchester, CT 06040
www.phoenixlabs.com
Ph: 1-888-642-4321
Fx: 1-860-645-0823

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From: Stewart, Ethan [mailto:ethan.stewart@teamdtc.com]
Sent: Thursday, December 23, 2010 10:20 AM
To: Bobbi - Phoenixlabs
Subject: Additional analysis

Hi Bobbi-

Can you have a new lab report generated with the following analysis added:

--Total Arsenic, Barium, Chromium

--Dissolved Arsenic, Barium, Chromium

SDG ID: GAZ79372

Phoenix IDs: 79418, 79419, 79420, 79421

Thank You and have a Happy Holiday!

Ethan

Ethan Stewart
Sr. Environmental Scientist
Diversified Technology Consultants, Inc. (DTC)
2321 Whitney Ave.
Suite 301, Hamden, CT 06518
Tel: 203.239.4200 | Fax: 203.234.7376
www.teamdtc.com