TASK 210 Subsurface Site Investigation

Intersection Improvements on Route 69 with Woodtick Road and Long Swamp Road

Wolcott, Connecticut

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

June 2010

ON CALL ENVIRONMENTAL SERVICES
Conn DOT Project No. 09-188-01E
Agreement No.03.17-01(10)
DTC Project No. 166-99

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

SIGNATURE PAGE

TASK 210 SUBSURFACE SITE INVESTIGATION

INTERSECTION IMPROVEMENTS ON ROUTE 69 WITH WOODTICK ROAD AND LONG SWAMP ROAD

WOLLCOTT, CONNECTICUT

Jean M. Andrew
Environmental Scientist

A. Paul Dalakas
Environmental Project Manager

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

TABLE OF CONTENTS

1.0 INTRODUCTION 1

1.1 BACKGROUND AND PURPOSE 1
1.2 PREVIOUS ENVIRONMENTAL REPORTS 1
1.3 SCOPE OF WORK 2

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

3.0 PARCELS OF POTENTIAL ENVIRONMENTAL CONCERN 5

4.0 FIELD INVESTIGATION AND SAMPLING METHODS 6

4.1 SOIL BORING ADVANCEMENT AND SAMPLING 6
4.2 GROUNDWATER SAMPLING 6

5.0 REGULATORY CRITERIA 8

5.1 SOIL CRITERIA 8
5.2 GROUNDWATER CRITERIA 8

6.0 SUMMARY AND EVALUATION OF ANALYTICAL DATA 10

6.1 SOIL SAMPLE ANALYTICAL RESULTS 10
6.2 GROUNDWATER SAMPLE ANALYTICAL RESULTS 11
6.3 QUALITY ASSURANCE (QA)/QUALITY CONTROL (QC) RESULTS 12

7.0 POTENTIAL SOURCES OF CONTAMINATION, RECEPTORS, AND IDENTIFIED PRELIMINARY AREAS OF ENVIRONMENTAL CONCERN 14

8.0 CONCLUSIONS AND RECOMMENDATIONS 15

9.0 LIMITATIONS 16

10.0 REFERENCES 17

FIGURES

Figure 1 Site Location Map
Figure 2 Site Plan Depicting Preliminary Areas of Environmental Concern

TABLES

Table 1 Sample Location Rationale and Selected Analyses
Table 2 Soil Sample Analytical Results
Table 3 Groundwater Sample Analytical Results

APPENDICES

Appendix A Soil Boring Logs
Appendix B Soil and Groundwater Analytical Laboratory Reports

1.0 INTRODUCTION

Diversified Technology Consultants, Inc. (DTC) was retained by the State of Connecticut Department of Transportation (ConnDOT) to conduct a Task 210 Subsurface Site Investigation (SSI) in support of ConnDOT Project No. 166-99, Intersection Improvements on Route 69 with Woodtick Road and Long Swamp Road in Wolcott, Connecticut. This report provides a brief description and history of the project corridor, 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, recommendations, and an attached drawing (Figure 2) showing preliminary areas of environmental concern.

1.1 Background and Purpose

The project corridor is located north and south of the intersection of Route 69 (Wolcott Road) and Woodtick Road, from Minor Road to Long Swamp Road in Wolcott, Connecticut. The project will involve roadway realignment, and visibility and drainage improvements along the 800-foot project corridor. The site's location and pertinent features are depicted on Figures 1 and 2.

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

Several parcels located along Wolcott Road were identified to have a moderate or high risk of having environmental contamination, based on the results of a Task 110 Corridor Land Use Evaluation, completed by Tetra Tech Rizzo, Inc., on May 2, 2008.

The potential exists for soil and/or groundwater within the project corridor to be impacted with volatile organic compounds (VOCs), petroleum hydrocarbons, polynuclear aromatic hydrocarbons (PAHs), polychlorinated biphenyls (PCBs), and metals. These constituents of concern (COCs) were selected for analysis as part of this Task 210 SSI because they are common contaminants associated with the historic use of the adjoining parcels, which include a gasoline service station, an auto repair facility, a painting and restoration store, a machine shop, and two parcels with documented releases of heating oil.

1.2 Previous Environmental Reports

As noted above, Tetra Tech Rizzo completed a Task 110 Corridor Land Use Evaluation for the project site May 2008. The findings of this report are briefly summarized below.

Task 110 Corridor Land Use Evaluation, Route 69 and Woodtick Road, Wolcott, Connecticut, Tetra Tech Rizzo, dated May 2008

The objective of the Task 110 was to assess the relative environmental risk associated with current and former land uses within the project corridor and vicinity; to evaluate whether the project activities may encounter hazardous wastes, contaminated materials, or other regulated substances; and to evaluate whether further investigation of the project corridor is warranted.

The Task 110 included the evaluation of a total of 14 parcels, of which 2 were assigned a "moderate risk" and 5 assigned a "high risk" designation. Based upon these findings, Tetra Tech Rizzo recommended that a Task 210 SSI be performed in areas of anticipated intrusive construction

activities and/or right-of-way acquisitions adjacent to the high risk parcels. These parcels are discussed in more detail in section 3.0.

1.3 Scope of Work

DTC completed this Task 210 SSI pursuant to our Task 210 Work Plan dated May 25, 2010, which was approved by ConnDOT. DTC designed the Task 210 SSI activities based on a review of the previous environmental report described above, a site walkover, and a review of preliminary project plans.

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 subsurface utilities;
- Completion of 5 soil borings to a maximum depth of 12 feet below grade using a truck-mounted Geoprobe direct-push rig;
- Installation of three temporary groundwater monitoring wells;
- Recording lithology and field screening soil samples with a photoionization detector (PID);
- Collection and laboratory analysis of 9 soil samples for one or more of the following:
    - ETPH by Connecticut DEP method;
    - total RCRA 8 metals by EPA Method 6010B;
    - leachable metals by Synthetic Precipitation Leaching Procedure (SPLP) and/or Toxicity Characteristic Leaching Procedure (TCLP);
    - PCBs by EPA Method 8082;
    - PAHs by EPA Method 8270;
    - VOCs by EPA Method 8260B; and
- Collection and laboratory analysis of three groundwater samples (from temporary wells) for one or more of the following:
    - ETPH by the Connecticut DEP Method;
    - VOCs by EPA Method 8260B;
    - PCBs by EPA Method 8082;
    - PAHs by EPA Method 8270;
    - Dissolved RCRA-8 metals.

2.0 LOCAL ENVIRONMENT AND RECEPTORS

2.1 Surficial Geology

According to the "Surficial Materials Map of Connecticut", dated 1992, surficial materials of the project corridor consists of ground-moraine deposits, which are described as non-sorted to poorly-sorted sand and gravel with stones generally less than two feet in diameter. Additionally, a small section of the project corridor located at the intersection of Route 69 (Wolcott Road) and Woodtick Road is mapped as artificial fill.

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

2.2 Bedrock Geology

According to the "Bedrock Geology Map of the Bristol Quadrangle", the project corridor is underlain by Southington Mountain Member of The Straits Schist, which is described as grey to silvery, medium-grained schist and granofels. Geoprobe refusal was encountered at two of the five soil boring advancement locations, at depths of 7 and 9 feet below grade. Geoprobe refusal appeared to be the result of contact with large boulders in the till or weathered bedrock. No bedrock outcrops were observed throughout the corridor or within the immediate vicinity.

2.3 Groundwater

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

Based on topography, and the presence of a wetland and the Mad River to the south and west of the site, groundwater throughout the majority of the project corridor is anticipated to flow in a south/southwesterly direction.

Generally, groundwater flows from topographic high to topographic low areas with local changes near bodies of surface water and contrasting rock types. The presence of subsurface structures, impervious surfaces, and the character of the subsurface stratigraphy will also locally influence the direction of groundwater movement.

During this Task 210 SSI, groundwater was encountered at 3 locations at depths of 8 feet below grade (B-3), and 8.5 feet below grade (B-2 and B-4).

2.4 Surface Water

The nearest mapped surface water body to the project corridor is an unnamed tributary to the Mad River, located approximately 1,000 feet to the west of the project. Based on the above referenced

water Quality Classifications Map, the unnamed tributary to the Mad River is a class "A" surface water body. The Class "A" designation indicates a surface water body deemed suitable for the following uses; potential drinking water supply, fish and wildlife habitat, recreational use, agricultural and industrial supply, and other legitimate uses including navigation.

3.0 PARCELS OF POTENTIAL ENVIRONMENTAL CONCERN

As indicated in Section 1.2, a Task 110 Corridor Land Use Evaluation was completed for the project corridor. The Task 110 included the evaluation of 14 parcels, of which 2 were assigned a "moderate risk" and 5 were assigned a "high risk" designation. The "moderate risk" and "high risk" parcels are summarized below.

Moderate Risk Parcels

1509 Wolcott Road – This residential parcel was assigned a moderate risk due to the previous use of the garage as a machine shop.

1512 Wolcott Road – This commercial parcel was assigned a moderate risk due to the historic spill of 100 gallons of cooking oil on July 17, 1992.

High Risk Parcels

1495 Wolcott Road – This commercial parcel was assigned a high risk because the site was historically occupied by an auto service center from 2000 to 2006.

1496 Wolcott Road – This commercial parcel was assigned a high risk due to the historic presence of a gasoline service station. It is not known if the underground storage tanks (USTs) associated with the service station were removed.

1500 Wolcott Road – This commercial parcel was assigned a high risk because it was historically occupied by a painting and restoration store in 2000.

1503 Wolcott Road – This residential parcel was assigned a high risk because of a documented release of six gallons of #2 fuel oil on November 9, 2002.

1562 Woodtick Road – This residential parcel was assigned a high risk because a heating oil UST was documented to have leaked at the site. The UST and approximately 20 cubic yards of contaminated soil were removed.

4.0 FIELD INVESTIGATION AND SAMPLING METHODS

This Task 210 SSI included the advancement of 5 borings, installation of 3 temporary monitoring wells, and collection and laboratory analysis of 9 soil and 3 groundwater samples.

DTC subcontracted Logical Environmental Solutions, Inc. (LES) of Tolland, Connecticut to advance the borings using a Geoprobe direct-push rig and to install the temporary wells. The subsurface exploration program was completed on June 2, 2010.

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

Soil and groundwater samples were analyzed for regulated compounds associated with the historic uses of the identified moderate and high risk parcels with the project corridor. Table 1 provides a summary of the sampling rationale and the laboratory analyses requested for each soil and groundwater sample. The following sections summarize the field investigation and sampling methodologies used during this investigation.

4.1 Soil Boring Advancement and Sampling

The borings, identified as B-1 through B-5, were advanced to depths ranging from 6 to 12 feet below grade. Soil samples were obtained continuously during advancement of the borings using a stainless-steel, four-foot long sampling device, lined with a dedicated acetate sample tube. The tube was opened on its horizontal axis to allow inspection, description of lithology, and sampling of the material.

A representative portion of each 4-foot long soil core was immediately collected by the DTC field scientist and placed within a clean polyethylene zip-lock bag for field screening with a PID. The PID was equipped with a 10.6 eV bulb and was calibrated to isobutylene standard gas (100 parts per million). The results of the PID screening are provided on the boring logs, which are included as Appendix A.

Asphalt fragments were noted in each of the 5 borings. A petroleum odor and petroleum stained soil was noted in borings B-2 and B-4.

Following lithology description, soil samples were collected at approximately 2 foot intervals from each boring. Soil samples from the borings were selected for laboratory analysis, based upon the current/historic use of the nearby parcels, visual appearance of the soil, the results of the field screening, and the anticipated construction activities. The samples were submitted to Phoenix Environmental Laboratories, Inc. (Phoenix) of Manchester, CT, a State of Connecticut Department of Public Health certified environmental testing laboratory, using proper preservation techniques and chain of custody control.

4.2 Groundwater Sampling

Following soil sampling, a 1-inch diameter PVC slotted screen and 1-inch diameter PVC riser pipe coupled with a PVC end-cap were assembled and inserted into 3 of the 5 boreholes, identified as B-2, B-3, and B-4, as temporary sampling wells. Groundwater was not encountered during the advancement of the remaining borings.

After the groundwater in the temporary wells was allowed to equilibrate, the wells were sampled using a peristaltic pump, set at a low-flow rate, and dedicated tubing. The groundwater was

decanted from the dedicated tubing directly 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.

5.0 REGULATORY CRITERIA

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

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

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

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

5.1 Soil Criteria

Direct Exposure Criteria (DEC)

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

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

Pollutant Mobility Criteria (PMC)

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

5.2 Groundwater Criteria

Groundwater Water Protection Criteria (GWPC)

The GWPC apply to groundwater within "GA" and "GAA" classified areas. The goal of the GWPC is to preserve the designated use of the groundwater resource as an existing or potential future

supply of water suitable for drinking or other uses without prior treatment. As the project area is in a "GA" area, DTC compared the groundwater analytical data to the GWPC.

Surface Water Protection Criteria (SWPC)

The SWPC apply to groundwater that discharges to surface water. The goal of the SWPC is to preserve surface water quality to protect both human health and the environment. As all groundwater eventually discharges to a surface water body, DTC compared the groundwater analytical results to the SWPC.

DEP General Permit for Discharge of Groundwater Remediation Wastewater Directly to Surface Water Maximum Concentrations

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

DEP General Permit for Discharge of Groundwater Remediation Wastewater Directly to Sanitary Sewer Maximum Concentrations

The Sanitary Sewer Discharge Maximum Concentrations apply to groundwater remediation wastewater that is discharged to a sanitary sewer system. The potential exists for excavations located within the project corridor to be performed below the water table. In order to evaluate whether groundwater dewatered from various excavations would require special management, DTC compared the groundwater analytical results to the Sanitary Sewer Discharge Maximum Concentration Limitations.

6.0 SUMMARY AND EVALUATION OF ANALYTICAL DATA

6.1 Soil Sample Analytical Results

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

ETPH

A total of eight soil samples were analyzed for ETPH. ETPH was not detected above the method detection limits in any of the soil samples submitted for analysis.

VOCs

A total of nine soil samples were analyzed for aromatic and halogenated VOCs by EPA Method 8260.

The halogenated volatile organic compound (VOC) 1,2-dichlorobenzene, an insecticide, was detected in sample B-4 (1.5-3.2') at a concentration of 0.0069 milligrams per kilogram (mg/kg). The 1,2-dichlorobenzene concentration was well below applicable RSR criteria.

No other aromatic or halogenated VOCs were detected above method detection limits in soil sample B-4 (1.5-3.2'), or any of the remaining soil samples obtained during the Task 210 SSI.

PAHs

A total of eight soil samples were analyzed for PAHs by EPA Method 8270. PAHs were not detected above the method detection limits in any of the soil samples obtained during the Task 210 SSI.

Metals

A total of eight soil samples were analyzed for total RCRA 8 metals. As summarized in Table 2, several metals, including arsenic, barium, chromium, and/or lead, were detected in each of the eight soil samples. The metals were detected at typical Connecticut background concentrations and at concentrations well below the RES DEC.

Soil samples containing the highest detected concentrations of metals were additionally analyzed for specific leachable metals by the Synthetic Precipitation Leaching Procedure (SPLP) for comparison to the GA PMC. Specifically, soil samples B-1 (2-3.4'), B-2 (4-6'), [Duplicate 2, B-2 (4-6')], and B-5 (2-3.6') were analyzed for SPLP barium, SPLP arsenic, SPLP lead, and SPLP chromium, respectively.

Leachable arsenic was detected in sample B-2 (4-6') at a concentration of 0.007 milligrams per liter (mg/l), which is well below the GA PMC for arsenic of 0.05 mg/l. No other leachable metals were detected in the SPLP analyzed samples.

Sample [Duplicate 2, B-2 (4-6')] was additionally analyzed for leachable lead by the Toxicity Characteristic Leaching Procedure (TCLP) to evaluate whether the soil contained hazardous levels of lead. Leachable lead was not detected above method detection limits. Therefore, the soil sample

does not contain TCLP lead at a concentration that exceeds the RCRA Characteristically Hazardous Waste Regulatory Limit of 5 mg/l.

PCBs

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

6.2 Groundwater Sample Analytical Results

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

VOCs

The aromatic VOCs toluene (3.4 micrograms per liter, ug/l) and xylenes (4 ug/l) were detected in groundwater sample B-2/GW at concentrations well below the RSR criteria. Chlorobenzene (1.0 ug/l) and toluene (1.2 ug/l) were detected in groundwater sample B-4/GW at concentrations well below the RSR criteria.

Total VOCs were detected at a concentration of 7.4 ug/l in the B-2/GW sample, and 2.2 ug/l in the B-4/GW sample. Neither total VOC concentration exceeds the Surface Water Discharge Maximum Concentration of 10 ug/l for total VOCs, or the Sanitary Sewer Discharge Maximum Concentration of 1,000 ug/l for total VOCs.

ETPH

ETPH was not detected in the samples above the method detection limits.

PAHs

PAHs were not detected in the samples above the method detection limits.

PCBs

PCBs were not detected in the samples above the method detection limits.

Metals

Dissolved arsenic was detected in sample B-4/GW (13 ug/l) which exceeds the SWPC for arsenic of 4 ug/l, and the Surface Water Discharge Maximum Concentration for arsenic of 0.021 ug/l. Dissolved barium also was detected in sample B-4/GW; however, at a concentration below the RSR and Surface Water Discharge and Sanitary Sewer Discharge Maximum Concentrations.

Dissolved barium, chromium and lead were detected in sample B-3/GW at concentrations below the RSR and Surface Water and Sanitary Sewer Discharge Maximum Concentrations.

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

Soil

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

One duplicate soil sample was obtained, from a randomly selected soil sample, to evaluate the accuracy of the laboratory analytical data. Sample Duplicate-2 was obtained from sample B-2 (4-6') and was analyzed for VOCs, PAHs, ETPH, PCBs, and total RCRA-8 metals.

The results indicated that there was an average 23.2 Relative Percent Difference (RPD) in the total metal concentrations, which is within the 50 RPD allowed for non-aqueous samples, according to the DEP Laboratory QA/QC Guidance document, dated May 2009. ETPH, VOCs, PAHs, and PCBs were not detected in the original sample B-2 (4-6') or its duplicate.

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

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

Groundwater

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

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

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

A duplicate groundwater sample was obtained from the temporary well installed in boring B-3 to evaluate the accuracy of the laboratory analytical data. On average there was a 49.1 RPD in dissolved barium concentrations, which exceeds the 30 RPD allowed for aqueous samples, according to the DEP QA/QC guidance document. Dissolved chromium and dissolved lead were detected at low concentrations in the original sample, but not in the duplicate. The duplicate samples were obtained from a temporary well point which was not sampled using EPA low-flow protocols. Under these circumstances, it would be very difficult to obtain homogeneous duplicate samples. Therefore, exceedance of the allowed RPD may be expected.

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

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

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

The following provides a summary of the potential sources of soil and groundwater contamination identified during completion of this Task 210 SSI, an evaluation of potential pathways for migration, and the identification of preliminary Areas of Environmental Concern (AOECs) and Low-level Areas of Environmental Concern (LLAOECs) within the project corridor. The identified preliminary AOECs and LLAOECs are depicted in Figure2.

AOEC 1 – Contaminated Groundwater in the Vicinity of Borings B-2 and B-4

Dissolved arsenic at a concentration exceeding the SWPC and the Maximum Concentration Limitation in the General Permit for Discharge of Groundwater Remediation Wastewater to Surface Water was detected in the groundwater sample obtained from B-4/GW. The source of the arsenic groundwater impact may be related to the application of arsenic-containing pesticides to historically agricultural land located nearby the project corridor. Alternatively, the arsenic impact may be related to background concentrations of arsenic naturally present in project corridor soils which dissolved into groundwater.

Total VOCs were detected at a concentration of 7.4 ug/l in groundwater sample B-2/GW. This concentration is greater than half the permissible limit for total VOCs of 10 ug/l allowed under the DEP General Permit for Discharge of Groundwater Remediation Wastewater Directly to Surface Water.

Based on the above data and project specifics (that the Mad River is a class "A" surface water body and the project corridor is partially located in designated wetlands), DTC recommends that groundwater in the vicinity of B-2 and B-4 be identified as a groundwater area of environmental concern (GW AOEC). The source of the VOC impact may be related to releases from former/current USTs located in the project corridor's immediate area, historic incidental roadway spills, and/or releases during vehicle re-fueling activities at the former gasoline service station property located at 1496 Wolcott Road.

As previously discussed, the project will involve roadway realignment, and visibility and drainage improvements along the 800-foot project corridor. Based on the design plans available at the time of this report writing, it is possible that select deep excavations located within the project corridor will be performed below the water table. If groundwater is encountered and dewatering operations are necessary within AOEC 1, the groundwater should be handled as controlled material.

Potential receptors of the groundwater could include workers involved in the road construction activities, particularly during excavation and dewatering activities, if necessary.

LLAOEC "A" – Low Level Soil in the Vicinity of Boring B-4

Low-level 1,2-dichlorobenzene (at a concentration not exceeding the applicable RSR criteria), was detected in a soil sample obtained from boring B-4 at a depth of 1.5 to 3.2 feet below grade.

The source of the 1,2-dichlorobenzene contamination could not be confirmed; however, it may be related to the historic application of insecticides.

8.0 CONCLUSIONS AND RECOMMENDATIONS

Based on the analytical data collected by DTC, one preliminary groundwater AOEC and one preliminary LLAOEC were identified within the project corridor, as summarized below:

- Groundwater within AOEC 1 contains dissolved arsenic at a concentration exceeding the SWPC and Surface Water Discharge Maximum Concentrations. Additionally, total VOC concentrations are greater than half the permissible limit for total VOCs allowed under the DEP General Permit for Discharge of Groundwater Remediation Directly to Surface Water. Groundwater encountered within AOEC-1 must be handled as controlled material.
- Soil within LLAOEC "A" contains low-level 1,2-dichlorobenzene; a halogenated VOC historically used as an insecticide.

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

9.0 LIMITATIONS

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

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

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

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

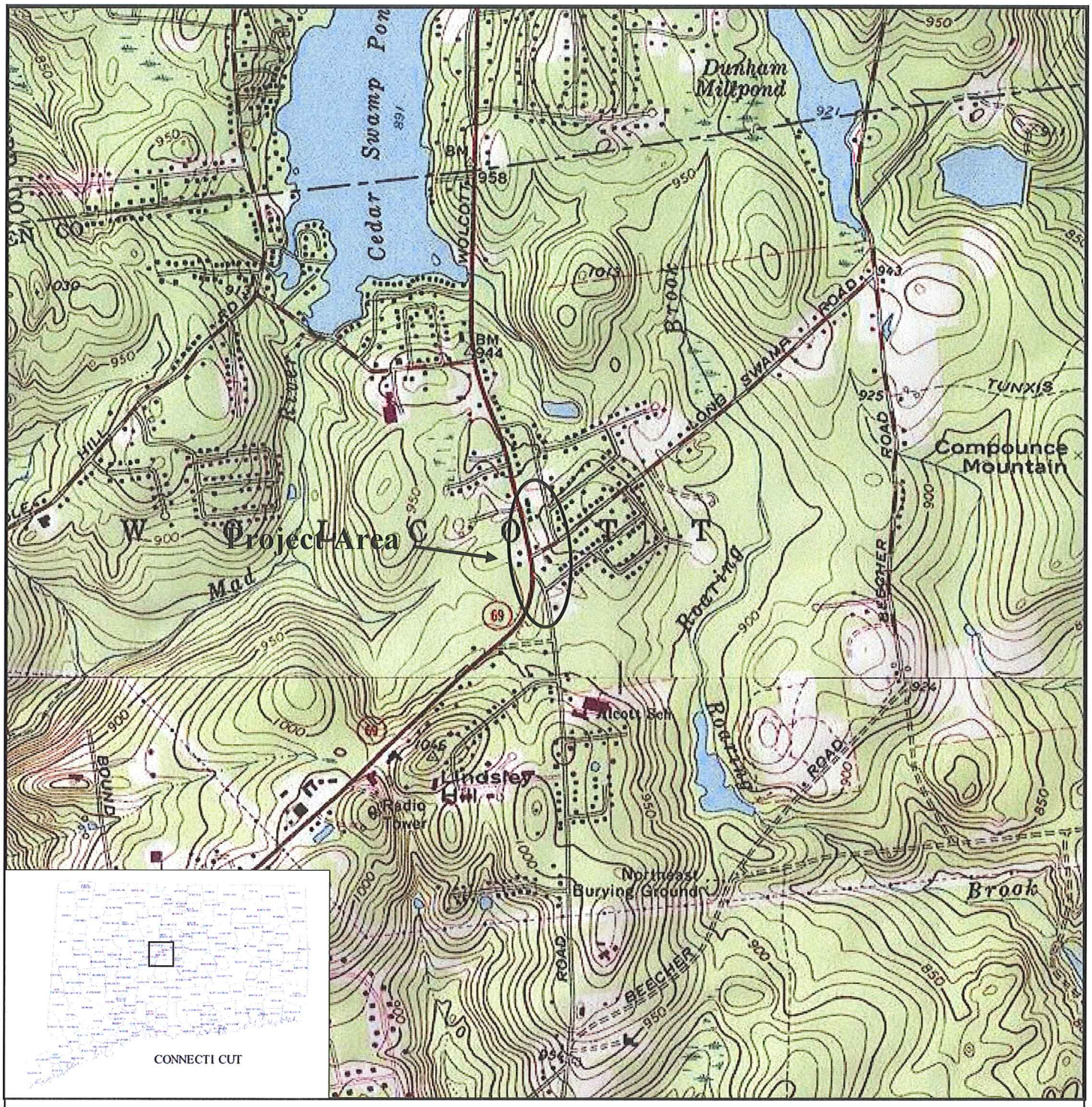
In completing this Task 210 SSI, DTC relied upon information provided by subcontractors (i.e. laboratories and drilling contractors). DTC has relied upon this information carefully; however, DTC provides no warranty regarding the accuracy and completeness of the information provided.

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

10.0 REFERENCES

1. "Task 110 Corridor Land Use Evaluation", Tetra Tech Rizzo, dated May 2, 2008.
2. State of Connecticut Department of Environmental Protection (CTDEP), Remediation Standard Regulations, Sections 22a-133k-1 through –3 of the Regulations of Connecticut State Agencies, effective January 30, 1996.
3. CTDEP, "Comprehensive List of Approved Additional Polluting Substances Criteria and Alternative Criteria", dated October 24, 2005.
4. CTDEP, "Water Quality Classifications Map of the Connecticut and Southcentral Coastal Basins", adopted 1993.
5. CTDEP, General Permit for Discharge of Groundwater Remediation Directly to Surface Water, dated February 5, 2005.
6. CTDEP, General Permit for Discharge of Groundwater Remediation Directly to a Sanitary Sewer, dated February 5, 2005.
7. State of Connecticut Department of Transportation, Division of Environmental Compliance, "On-Call Contaminated Soil/Groundwater Scopes" manual, dated 2003.
8. Stone, J., USGS, "Surficial Materials Map of Connecticut", dated 1992.
9. Talcott Mountain Science Center for Student Involvement, "Bedrock Geology Map of the Bristol Quadrangle" State Geological and Natural History Survey of Connecticut (on-line version).

FIGURES



Intersection Improvements on Route 69 with Woodtick Road and Long Swamp Road

Wolcott, CT

Bristol Quadrangle – Map 50
N 41° 37' 40", W 72° 57' 41"
Scale 1:2,000

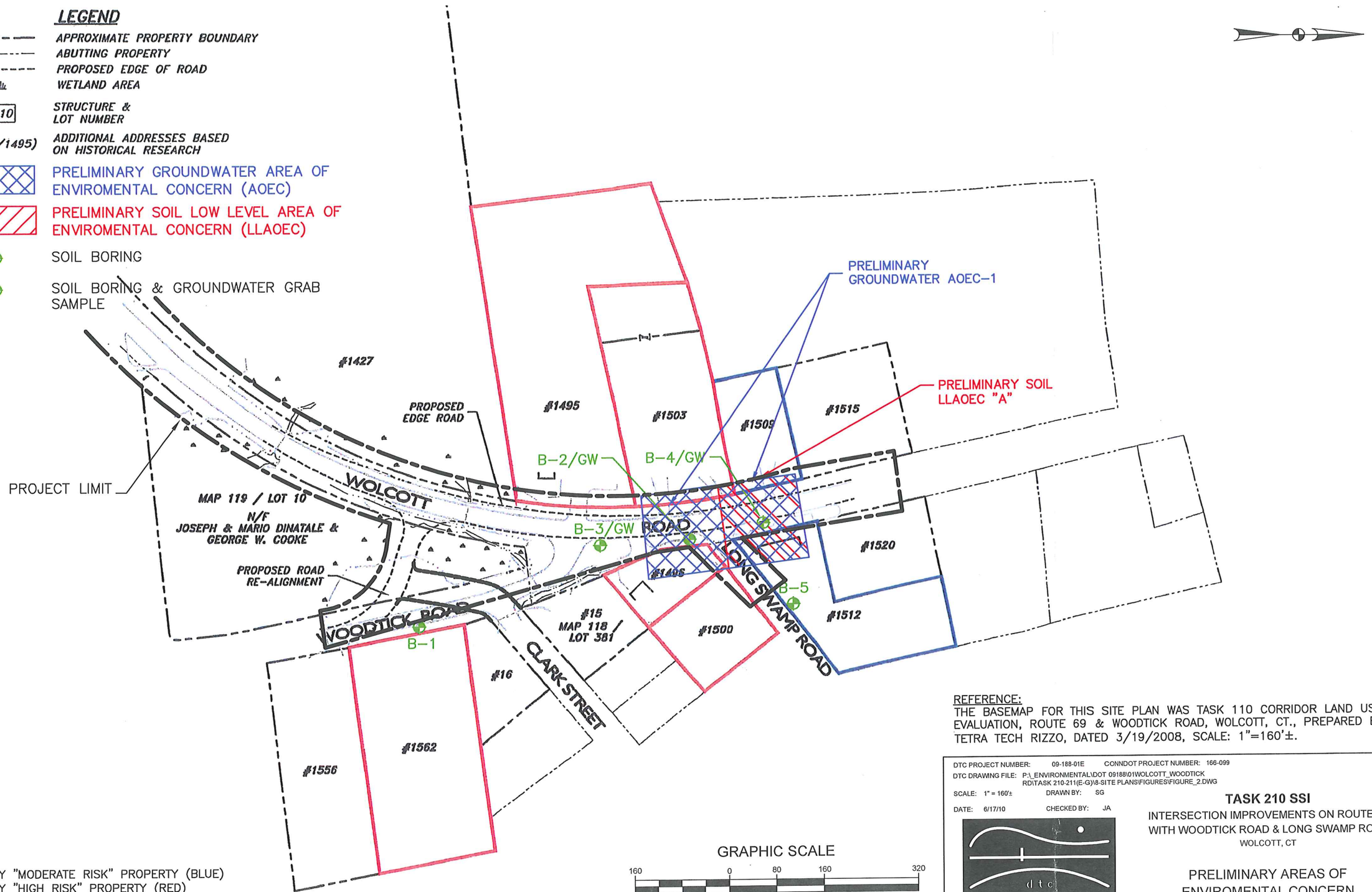
ConnDOT Project No: 166-99
DTC Project No: 09-188-01E

Figure 1

Diversified Technology Consultants
2321 Whitney Avenue Suite 301 Hamden CT 06518 203 239 4200

LEGEND

- APPROXIMATE PROPERTY BOUNDARY
- ABUTTING PROPERTY
- PROPOSED EDGE OF ROAD
- WETLAND AREA
- 1510 — STRUCTURE & LOT NUMBER
- (1489/1495) — ADDITIONAL ADDRESSES BASED ON HISTORICAL RESEARCH
- PRELIMINARY GROUNDWATER AREA OF ENVIROMENTAL CONCERN (AOEC)
- PRELIMINARY SOIL LOW LEVEL AREA OF ENVIROMENTAL CONCERN (LLAOEC)
- B–1 — SOIL BORING
- B–3/GW — SOIL BORING & GROUNDWATER GRAB SAMPLE



REFERENCE:
THE BASEMAP FOR THIS SITE PLAN WAS TASK 110 CORRIDOR LAND USE EVALUATION, ROUTE 69 & WOODTICK ROAD, WOLCOTT, CT., PREPARED BY TETRA TECH RIZZO, DATED 3/19/2008, SCALE: 1"=160'±.

NOTE:
POTENTIALLLY "MODERATE RISK" PROPERTY (BLUE)
POTENTIALLLY "HIGH RISK" PROPERTY (RED)

GRAPHIC SCALE
160 0 80 160 320
(IN FEET)

DTC PROJECT NUMBER: 09-188-01E CONNDOT PROJECT NUMBER: 166-099
DTC DRAWING FILE: P:_ENVIRONMENTAL\DOT 09188\01WOLCOTT_WOODTICK RD\TASK 210-211(E-G)\8-SITE PLANS\FIGURES\FIGURE_2.DWG
SCALE: 1" = 160'± DRAWN BY: SG
DATE: 6/17/10 CHECKED BY: JA

DIVERSIFIED TECHNOLOGY CONSULTANTS
2321 Whitney Avenue - Suite 301 - Hamden CT 06518
Ph: 203 239 4200 Fax: 203 234 7376

TASK 210 SSI
INTERSECTION IMPROVEMENTS ON ROUTE 69 WITH WOODTICK ROAD & LONG SWAMP ROAD
WOLCOTT, CT

PRELIMINARY AREAS OF ENVIROMENTAL CONCERN

FIGURE 2

TABLES

TABLE 1

Sample Location Rationale and Selected Analyses

Task 210 – Subsurface Site Investigation

Intersection Improvements on Rte 69 with Woodtick Rd and Long Swamp Rd
Wolcott, Connecticut

Sample Identification	Sample Interval (feet)	Location Rationale	VOCs (8260)	PAHs (8270)	ETPH	PCBs (8082)	RCRA 8 Metals
B-1	2-3.4	Adjacent to 1562 Woodtick (LUST site)	X	X	X	X	X*
B-2	2-4	Adjacent to 1496 Wolcott (Former Gasoline Station) & Across Street from 1503 Wolcott (Fuel Oil UST Spill)	X	X	X	X	X
Duplicate-2 (4-6)	4-6		X	X	X	X	X*/**
B-3	4-6	Adjacent to 1496 Wolcott (Former Gasoline Station) & Across Street from 1495 Wolcott (Auto Repair Shop)	X	X	X	X	X
	6-8		X	X	X	X	X
B-4	1.5-3.2	Adjacent to 1512 Wolcott (Restaurant) & Across Street from 1509 Wolcott (Machine Shop)	X	X	X	X	X
	4-6		X	X	X	X	X
B-5	2-3.6	Adjacent to 1512 Wolcott (Restaurant) & Across Street from 1500 Wolcott (Painting Service)	X	X	X	X	X*
	4-5		X				
B-2/GW	Groundwater	Adjacent to 1496 Wolcott (Former Gasoline Station) & Across Street from 1503 Wolcott (Fuel Oil UST Spill)	X		X		
B-3/GW	Groundwater	Adjacent to 1496 Wolcott (Former Gasoline Station) & Across Street from 1495 Wolcott (Auto Repair Shop)	X	X	X	X	X
Duplicate-1			X	X	X	X	X
B-4/GW	Groundwater	Adjacent to 1512 Wolcott (Restaurant) & Across Street from 1509 Wolcott (Machine Shop)	X	X	X	X	X

Notes:
* Sample also analyzed by SPLP.
** Sample also analyzed by TCLP.

TABLE 2

Soil Sample Analytical Results

Task 210 - Subsurface Site Investigation

Intersection Improvements on Rte 69 with Woodtick Rd and Long Swamp Rd

Wolcott, Connecticut

Parameters	Remediation Standard Regulations		sample #	B-1	B-2	B-2	Duplicate-2	B-3	B-3	B-4	B-4	B-5	B-5	Trip
				2-3.4'	2-4'	4-6'	(B-2) 4-6'	4-6'	6-8'	1.5-3.2'	4-6'	2-3.6'	4-5'	Blank
	RES DEC	GA PMC		6/2/10	6/2/10	6/2/10	6/2/10	6/2/10	6/2/10	6/2/10	6/2/10	6/2/10	6/2/10	6/2/10
VOCs per EPA 8260 (mg/kg)														
1,2-Dichlorobenzene	500	3.1		--	--	--	--	--	--	0.0069	--	--	--	--
PAHs per EPA 8270 (mg/kg)	Various	Various		--	--	--	--	--	--	--	--	--	*NA*	*NA*
ETPH per CTDEP method (mg/kg)	500	500		--	--	--	--	--	--	--	--	--	*NA*	*NA*
Total 8 RCRA Metals per EPA 6010 & 7471 (mg/kg)													*NA*	*NA*
Arsenic	10	*NA*		--	2.6	4.3	3.1	2.8	1.4	2.1	1.9	2.4		
Barium	4,700	*NA*		59.7	40.2	49.3	39.7	29.1	38.8	17.3	39.1	43.1		
Cadmium	34	*NA*		--	--	--	--	--	--	--	--	--		
Chromium	NE	*NA*		29.1	15.5	20.5	18.7	23.0	18.1	8.26	13.5	30.2		
Mercury	20	*NA*		--	--	--	--	--	--	--	--	--		
Lead	500	*NA*		5.28	7.11	7.21	9.73	4.03	2.84	5.64	4.80	4.0		
Silver	340	*NA*		--	--	--	--	--	--	--	--	--		
Selenium	340	*NA*		--	--	--	--	--	--	--	--	--		
SPLP Metals per EPA 6010 & 7471 (mg/l)					*NA*			*NA*	*NA*	*NA*	*NA*		*NA*	*NA*
Arsenic	*NA*	0.05		*NA*		0.007	*NA*					*NA*		
Barium	*NA*	1		--		*NA*	*NA*					*NA*		
Cadmium	*NA*	0.005		*NA*		*NA*	*NA*					*NA*		
Chromium	*NA*	0.05		*NA*		*NA*	*NA*					--		
Lead	*NA*	0.015		*NA*		*NA*	--					*NA*		
TCLP Metals per EPA 6010 & 7471 (mg/l)				*NA*	*NA*	*NA*		*NA*	*NA*	*NA*	*NA*	*NA*	*NA*	*NA*
Lead	*NA*	5*					--							
PCBs per EPA 8082 (mg/kg)	1	*NA*		--	--	--	--	--	--	--	--	--	*NA*	*NA*

Notes:
GA PMC = GA Pollutant Mobility Criteria.
RES DEC = Residential Direct Exposure Criteria.
mg/kg = milligrams per kilogram.
mg/l = milligrams per liter.
NA = not applicable / not analyzed for this compound.
NE = Criteria not established.
* RCRA Characteristically Hazardous Waste Regulatory Limit
SPLP = Synthetic Precipitation Leaching Procedure.
TCLP = Toxicity Characteristic Leaching Procedure.
-- = not detected, see laboratory reports for specific detection limits.
Bold and shaded values indicate an exceedance of the RSR Criteria.

TABLE 3

Groundwater Sample Analytical Results

Task 210 - Subsurface Site Investigation

Intersection Improvements on Rte 69 with Woodtick Rd and Long Swamp Rd

Wolcott, Connecticut

Parameters	Remediation Standard Regulations					B-2/GW	B-3/GW	Duplicate-1 (B-3/GW)	B-4/GW	Field Blank	Trip Blank
	RES VC	GWPC	SWPC	Sanitary Sewer Limit	SW Discharge Limit	6/2/10	6/2/10	6/2/10	6/2/10	6/2/10	6/2/10
VOCs per EPA 8260 (ug/l)											
Chlorobenzene	1,800	100	420,000	NE	NE	--	--	--	1.0	--	--
Toluene	23,500	1,000	4,000,000	NE	NE	3.4	--	--	1.2	--	--
Xylenes	21,300	530	NE	NE	NE	4	--	--	--	--	--
Total VOCs (ug/l)	NE	NE	NE	5,000	10	7.4	--	--	2.2	*NA*	*NA*
PAHs per EPA 8270 (ug/l)	NE	Various	Various	Various	Various	*NA*	--	--	--	*NA*	*NA*
Total PAHs (ug/l)	NE	NE	NE	500	5	*NA*	--	--	--	*NA*	*NA*
TPH per DEP method (ug/l)	NE	500	NE	100,000	5,000	--	--	--	--	--	*NA*
PCBs per EPA 8082 (ug/l)	NE	0.5	0.5	1	0.1	*NA*	--	--	--	*NA*	*NA*
Dissolved Metals per EPA 6010/200.7 (ug/l)						*NA*				*NA*	*NA*
Arsenic	NE	50	4	100	0.021		--	--	13		
Barium	NE	1,000	NE	5000	NE		33	20	47		
Cadmium	NE	5	6	100	10/95.9		--	--	--		
Chromium	NE	50	NE	1000	342/1,000		3	--	--		
Lead	NE	15	13	100	9.8/93.6		8	--	--		
Mercury	NE	2	0.4	5	1.0/9.7		--	--	--		
Selenium	NE	50	50	1000	40/390		--	--	--		
Silver	NE	36	12	100	5.0/48		--	--	--		

Notes:
GWPC = Groundwater Protection Criteria.
SWPC = Surface Water Protection Criteria.
NA = not analyzed for this parameter.
NE = no criteria established.
Sanitary Sewer Limit = maximum concentration limits listed in the DEP General Permit for Discharge of Groundwater Remediation Wastewater Directly to a Sanitary Sewer, dated February 9, 2005.
SW Discharge Limit = maximum concentration limits listed in the DEP General Permit for Discharge of Groundwater Remediation Wastewater Directly to Surface Water, dated February 9, 2005.
ug/l = micrograms per liter.
-- = not detected, see laboratory reports for specific detection limits (Detection Limit < Criteria).
Bold and shaded values indicate an exceedance of the RSRs or the DEP General Permit for Discharge of Groundwater Remediation MCLs

APPENDIX A

Soil Boring Logs

ENGINEERED SOLUTIONS — LAND STRUCTURES WATER

DIVERSIFIED TECHNOLOGY CONSULTANTS

Subsurface Log

Sheet	Date started: 6/2/10	BORING No. B-1
1 of 1	Date Completed: 6/2/10	

Project: DOT Wolcott - Route 69 Task 210
Location: Wolcott, CT
Method of investigation: Geoprobe

Project No.: 09-188-01E	**Drilling Co.:** Logical Env. Solutions	**Driller:** Wayne	**Drill Rig:** Geoprobe	**Weather:** sunny,mid 80's
P. Manager: Paul Dalakas	**Geologist:** Jean 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			40	Asphalt, subbase		Groundwater not observed
		0.4-1.4				Brown C-M SAND and GRAVEL, asphalt pieces		
		1.4-1'11"				Orange - brown F-M SAND, trace gravel		
	1	1.11"-3'				Brown F-M SAND with silt, dense	3.8	
		3'-3.4'				Orange-brown F-M SAND and gravel		
4-8		4-5.5'			17	Brown C SAND with gravel, with weathered bedrock (refusal @ 7')	7.5	
						END OF BORING @ 7'		

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:*** 6/2/10 ***Date Completed:*** 6/2/10	**BORING No. B-2**
Project: DOT Wolcott - Route 69 Task 210			***Method of investigation:*** Geoprobe
Location: Wolcott, CT			

Project No.:	09-188-01E	***Drilling Co.:***	Logical Env. Solutions	***Driller:*** Wayne	***Drill Rig:*** Geoprobe	***Weather:*** sunny,mid 80's
P. Manager:	Paul Dalakas	***Geologist:***	Jean 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				Topsoil, organic matter		
		0.4-1.1				Brown to dark-brown F-M SAND with SILT		
		1.1-1'11"				Asphalt, process material, artifical fill		
	1	1'11"-3.2			48	Brown to light-brown F-M SAND and SILT, trace gravel	4.3	
		3.2-4						
						Brown C-M SAND, cobbles, asphalt pieces, fill material		
4-8		4-5				Brown F-M SAND and SILT, dense, damp		
					24			
	2	5-6				Black stained F-M SAND and SILT, moist, petroleum odor	11.2	
8-12	3	8-9				Black-grey F-M SAND and SILT, slight petroleum odor, WET (refusal @ 9')	11.1	Groundwater at 8.5'
					12			
						END OF BORING @ 9'		

Sample Types:

S=Split Spoon: ________ T= Shelby Tube: ________

R= Rock Core: ________ O = Other: ________

N = ASTM D1586

Comments:
Grab groundwater sample collected

ENGINEERED SOLUTIONS — LAND STRUCTURES WATER

DIVERSIFIED TECHNOLOGY CONSULTANTS

Subsurface Log

Sheet	Date started: 6/2/10	BORING No. B-3
1 of 1	Date Completed: 6/2/10	

Project: DOT Wolcott - Route 69 Task 210
Location: Wolcott, CT
Method of investigation: Geoprobe

Project No.: 09-188-01E	Drilling Co.: Logical Env. Solutions	Driller: Wayne	Drill Rig: Geoprobe	Weather: sunny,mid 80's
P. Manager: Paul Dalakas	Geologist: Jean 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		0-0.2				Topsoil, organic matter		
		0.2-1.1				Brown F-M SAND, trace silt		
		1.1-1.8				Brown M SAND and SILT		
		1.5-2.1			44	Orange-brown M-F SAND with gravel, artifical fill		
	1	2.1-3				Brown M-F SAND with silt, some gravel, dense	1.6	
		3-3.8				Grey M-F SAND and SILT with gravel and cobbles		
4-8		4-4.5				Grey M-F SAND and SILT with gravel and cobbles		
	2	4.5-5				Black F-M SAND and SILT, dense	1.6	
		5-6.3				Brown F-M SAND and SILT, moist		
		6.3-6.8			48	Brown - grey F-M SAND and SILT, trace gravel, dense, moist		
						Brown to dark-brown C-M SAND with silt, small asphalt		
	3	6.8-8				pieces, cobbles	2.6	
8-12	4	8-9.5				Brown M-F SAND with silt, WET	0.9	Groundwater @ 8'
		9.5-10			48	Brown C-M SAND, little silt, wet		
	5	10-12				Brown C SAND with weathered bedrock	1.0	
						END OF BORING @ 12'		

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

Comments:
Grab groundwater sample collected

ENGINEERED SOLUTIONS — dtc — LAND STRUCTURES WATER

DIVERSIFIED TECHNOLOGY CONSULTANTS

Subsurface Log

Sheet	Date started: 6/2/10	BORING No. B-4
1 of 1	Date Completed: 6/2/10	

Project: DOT Wolcott - Route 69 Task 210
Location: Wolcott, CT
Method of investigation: Geoprobe

Project No.: 09-188-01E	Drilling Co.: Logical Env. Solutions	Driller: Wayne	Drill Rig: Geoprobe	Weather: sunny,mid 80's
P. Manager: Paul Dalakas	Geologist: Jean 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				Topsoil, organic matter		
		0.4-0.9				Light brown F SAND		
		0.9-1.3			38	asphalt pieces, process material		
		1.3-2.1				Brown F-M SAND with silt, dense		
	1	2.1-2.6				Black, stained F-M SAND and SILT, petroleum odor	1.7	
		2.6-3.2				Brown F-M SAND and SILT		
4-8		4-4.8				Brown F-M SAND with SILT		
	2	4.8-5.4				Grey F SAND and SILT	10.9	
		5.4-6			48	Orange C-M SAND trace gravel, fill material, WET		
	3	6-8				Brown to orange-brown C-M SAND, little silt, some	0.4	
						gravel, cobbles, fill material		
8-12	4	8-10				Light brown C-M SAND with silt, WET	10.6	Groundwater @ 8.5'
					36			
	5	10-11				Light brown C-M SAND with silt, WET	3.1	

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

Comments:
Grab groundwater sample collected

ENGINEERED SOLUTIONS / LAND STRUCTURES WATER — DIVERSIFIED TECHNOLOGY CONSULTANTS	**Subsurface Log**	**Sheet** 1 of 1	***Date started:*** 6/2/10 ***Date Completed:*** 6/2/10	**BORING No. B-5**
	Project: DOT Wolcott - Route 69 Task 210 ***Location:*** Wolcott, CT			***Method of investigation:*** Geoprobe

Project No.: 09-188-01E	***Drilling Co.:*** Logical Env. Solutions	***Driller:*** Wayne	***Drill Rig:*** Geoprobe	***Weather:*** sunny,mid 80's
P. Manager: Paul Dalakas	***Geologist:*** Jean 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		0-11"			42	Asphalt, subbase		Groundwater not observed
		11"-2				C SAND, asphalt, concrete, fill material		
		2-2.8				Brown C-M SAND and SILT, trace asphalt, fill material		
	1	2.8-3.6				Light brown C-M SAND and GRAVEL, fill material	0.1	
4-8		4-5			12	Light brown C SAND with weathered rock (refusal @ 6')	0.4	
						END OF BORING @ 6'		

Sample Types:

S=Split Spoon: _____ T= Shelby Tube: _____

R= Rock Core: _____ O = Other: _____

N = ASTM D1586

Comments:

APPENDIX B

Soil and Groundwater Analytical Laboratory Reports

PHOENIX
Environmental Laboratories, Inc.

Monday, June 14, 2010

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

Project ID: WOLCOTT RTE 69
Sample ID#s: AZ10978 - AZ10994

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

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

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

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

Sincerely yours,

Phyllis Shiller

Phyllis Shiller
Laboratory Director

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

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

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

June 14, 2010

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	JC	06/02/10	11:00
Location Code:	DTECHC	Received by:	LB	06/03/10	0:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	09-188-01E				

Laboratory Data

SDG ID: GAZ10978
Phoenix ID: AZ10978

Project ID: WOLCOTT RTE 69

Client ID: B-1 2-3.4 FT

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.36	0.36	mg/Kg	06/05/10		LK	SW6010
Arsenic	< 0.7	0.7	mg/Kg	06/05/10		LK	SW6010
Barium	59.7	0.36	mg/Kg	06/05/10		LK	SW6010
Cadmium	< 0.36	0.36	mg/Kg	06/05/10		LK	SW6010
Chromium	29.1	0.36	mg/Kg	06/05/10		LK	SW6010
Mercury	< 0.09	0.09	mg/Kg	06/04/10		RS	SW-7471
Lead	5.28	0.36	mg/Kg	06/05/10		LK	SW6010
Selenium	< 1.5	1.5	mg/Kg	06/05/10		EK	SW6010
Percent Solid	89		%	06/03/10		C / JL	E160.3
Soil Extraction for PCB	Completed			06/03/10		QB/D	SW3545
Soil Extraction SVOA BN	Completed			06/03/10		LS/D	SW3545
Extraction of CT ETPH	Completed			06/03/10		QS/D	3545
Mercury Digestion	Completed			06/04/10		K	SW7471
Total Metals Digest	Completed			06/03/10		Q/AG	SW846 - 3050
Field Extraction	Completed			06/02/10		JC	SW5035
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
1,1,1-Trichloroethane	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	3.4	ug/Kg	06/05/10		R/J	SW8260
1,1,2-Trichloroethane	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
1,1-Dichloroethane	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
1,1-Dichloroethene	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
1,1-Dichloropropene	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
1,2,3-Trichlorobenzene	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
1,2,3-Trichloropropane	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
1,2,4-Trichlorobenzene	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
1,2,4-Trimethylbenzene	ND	5.6	ug/Kg	06/05/10		R/J	SW8260

Project ID: WOLCOTT RTE 69 **Phoenix I.D.:** AZ10978
Client ID: B-1 2-3.4 FT

Parameter	Result	RL	Units	Date	Time	By	Reference
1,2-Dibromo-3-chloropropane	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
1,2-Dichlorobenzene	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
1,2-Dichloroethane	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
1,2-Dichloropropane	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
1,3,5-Trimethylbenzene	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
1,3-Dichlorobenzene	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
1,3-Dichloropropane	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
1,4-Dichlorobenzene	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
2,2-Dichloropropane	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
2-Chlorotoluene	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
2-Hexanone	ND	28	ug/Kg	06/05/10		R/J	SW8260
2-Isopropyltoluene	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
4-Chlorotoluene	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
4-Methyl-2-pentanone	ND	28	ug/Kg	06/05/10		R/J	SW8260
Acetone	ND	110	ug/Kg	06/05/10		R/J	SW8260
Acrylonitrile	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
Benzene	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
Bromobenzene	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
Bromochloromethane	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
Bromodichloromethane	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
Bromoform	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
Bromomethane	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
Carbon Disulfide	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
Carbon tetrachloride	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
Chlorobenzene	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
Chloroethane	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
Chloroform	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
Chloromethane	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
cis-1,2-Dichloroethene	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
cis-1,3-Dichloropropene	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
Dibromochloromethane	ND	3.4	ug/Kg	06/05/10		R/J	SW8260
Dibromoethane	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
Dibromomethane	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
Dichlorodifluoromethane	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
Ethylbenzene	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
Hexachlorobutadiene	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
Isopropylbenzene	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
m&p-Xylene	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
Methyl Ethyl Ketone	ND	34	ug/Kg	06/05/10		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	06/05/10		R/J	SW8260
Methylene chloride	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
Naphthalene	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
n-Butylbenzene	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
n-Propylbenzene	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
o-Xylene	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
p-Isopropyltoluene	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
sec-Butylbenzene	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
Styrene	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
tert-Butylbenzene	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
Tetrachloroethene	ND	5.6	ug/Kg	06/05/10		R/J	SW8260

Project ID: WOLCOTT RTE 69
Client ID: B-1 2-3.4 FT

Phoenix I.D.: AZ10978

Parameter	Result	RL	Units	Date	Time	By	Reference
Tetrahydrofuran (THF)	ND	11	ug/Kg	06/05/10		R/J	SW8260
Toluene	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
Total Xylenes	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
trans-1,2-Dichloroethene	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
trans-1,3-Dichloropropene	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	06/05/10		R/J	SW8260
Trichloroethene	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
Trichlorofluoromethane	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
Trichlorotrifluoroethane	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
Vinyl chloride	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	98		%	06/05/10		R/J	SW8260
% Bromofluorobenzene	94		%	06/05/10		R/J	SW8260
% Dibromofluoromethane	93		%	06/05/10		R/J	SW8260
% Toluene-d8	95		%	06/05/10		R/J	SW8260
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	11	mg/Kg	06/07/10		KCA	CT ETPH/8015
Identification	ND		mg/Kg	06/07/10		KCA	CT ETPH/8015
QA/QC Surrogates							
% n-Pentacosane	63		%	06/07/10		KCA	CT ETPH/8015
Polychlorinated Biphenyls							
PCB-1016	ND	370	ug/Kg	06/04/10		MH	SW 8082
PCB-1221	ND	370	ug/Kg	06/04/10		MH	SW 8082
PCB-1232	ND	370	ug/Kg	06/04/10		MH	SW 8082
PCB-1242	ND	370	ug/Kg	06/04/10		MH	SW 8082
PCB-1248	ND	370	ug/Kg	06/04/10		MH	SW 8082
PCB-1254	ND	370	ug/Kg	06/04/10		MH	SW 8082
PCB-1260	ND	370	ug/Kg	06/04/10		MH	SW 8082
PCB-1262	ND	370	ug/Kg	06/04/10		MH	SW 8082
PCB-1268	ND	370	ug/Kg	06/04/10		MH	SW 8082
QA/QC Surrogates							
% DCBP	78		%	06/04/10		MH	SW 8082
% TCMX	91		%	06/04/10		MH	SW 8082
Polynuclear Aromatic HC							
2-Methylnaphthalene	ND	260	ug/Kg	06/04/10		HM	SW 8270
Acenaphthene	ND	260	ug/Kg	06/04/10		HM	SW 8270
Acenaphthylene	ND	260	ug/Kg	06/04/10		HM	SW 8270
Anthracene	ND	260	ug/Kg	06/04/10		HM	SW 8270
Benz(a)anthracene	ND	260	ug/Kg	06/04/10		HM	SW 8270
Benzo(a)pyrene	ND	260	ug/Kg	06/04/10		HM	SW 8270
Benzo(b)fluoranthene	ND	260	ug/Kg	06/04/10		HM	SW 8270
Benzo(ghi)perylene	ND	260	ug/Kg	06/04/10		HM	SW 8270
Benzo(k)fluoranthene	ND	260	ug/Kg	06/04/10		HM	SW 8270
Chrysene	ND	260	ug/Kg	06/04/10		HM	SW 8270
Dibenz(a,h)anthracene	ND	260	ug/Kg	06/04/10		HM	SW 8270
Fluoranthene	ND	260	ug/Kg	06/04/10		HM	SW 8270
Fluorene	ND	260	ug/Kg	06/04/10		HM	SW 8270

Project ID: WOLCOTT RTE 69
Client ID: B-1 2-3.4 FT

Phoenix I.D.: AZ10978

Parameter	Result	RL	Units	Date	Time	By	Reference
Indeno(1,2,3-cd)pyrene	ND	260	ug/Kg	06/04/10		HM	SW 8270
Naphthalene	ND	260	ug/Kg	06/04/10		HM	SW 8270
Phenanthrene	ND	260	ug/Kg	06/04/10		HM	SW 8270
Pyrene	ND	260	ug/Kg	06/04/10		HM	SW 8270
QA/QC Surrogates							
% 2-Fluorobiphenyl	58		%	06/04/10		HM	SW 8270
% Nitrobenzene-d5	59		%	06/04/10		HM	SW 8270
% Terphenyl-d14	59		%	06/04/10		HM	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

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

Phyllis Shiller

Phyllis Shiller, Laboratory Director
June 14, 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

June 14, 2010

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	JC	06/02/10	9:00
Location Code:	DTECHC	Received by:	LB	06/03/10	0:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	09-188-01E				

Laboratory Data

SDG ID: GAZ10978
Phoenix ID: AZ10979

Project ID: WOLCOTT RTE 69

Client ID: B-2 2-4 FT

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.39	0.39	mg/Kg	06/05/10		LK	SW6010
Arsenic	2.6	0.8	mg/Kg	06/05/10		LK	SW6010
Barium	40.2	0.39	mg/Kg	06/05/10		LK	SW6010
Cadmium	< 0.39	0.39	mg/Kg	06/05/10		LK	SW6010
Chromium	15.5	0.39	mg/Kg	06/05/10		LK	SW6010
Mercury	< 0.08	0.08	mg/Kg	06/04/10		RS	SW-7471
Lead	7.11	0.39	mg/Kg	06/05/10		LK	SW6010
Selenium	< 1.6	1.6	mg/Kg	06/05/10		LK	SW6010
Percent Solid	89		%	06/03/10		C / JL	E160.3
Soil Extraction for PCB	Completed			06/03/10		QB/D	SW3545
Soil Extraction SVOA BN	Completed			06/03/10		LS/D	SW3545
Extraction of CT ETPH	Completed			06/03/10		QS/D	3545
Mercury Digestion	Completed			06/04/10		K	SW7471
Total Metals Digest	Completed			06/03/10		Q/AG	SW846 - 3050
Field Extraction	Completed			06/02/10		JC	SW5035
Volatiles							
1,1,1,2-Tetrachloroethane	ND	4.0	ug/Kg	06/05/10		R/J	SW8260
1,1,1-Trichloroethane	ND	4.0	ug/Kg	06/05/10		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	2.4	ug/Kg	06/05/10		R/J	SW8260
1,1,2-Trichloroethane	ND	4.0	ug/Kg	06/05/10		R/J	SW8260
1,1-Dichloroethane	ND	4.0	ug/Kg	06/05/10		R/J	SW8260
1,1-Dichloroethene	ND	4.0	ug/Kg	06/05/10		R/J	SW8260
1,1-Dichloropropene	ND	4.0	ug/Kg	06/05/10		R/J	SW8260
1,2,3-Trichlorobenzene	ND	4.0	ug/Kg	06/05/10		R/J	SW8260
1,2,3-Trichloropropane	ND	4.0	ug/Kg	06/05/10		R/J	SW8260
1,2,4-Trichlorobenzene	ND	4.0	ug/Kg	06/05/10		R/J	SW8260
1,2,4-Trimethylbenzene	ND	4.0	ug/Kg	06/05/10		R/J	SW8260

Project ID: WOLCOTT RTE 69 **Phoenix I.D.:** AZ10979
Client ID: B-2 2-4 FT

Parameter	Result	RL	Units	Date	Time	By	Reference
1,2-Dibromo-3-chloropropane	ND	4.0	ug/Kg	06/05/10		R/J	SW8260
1,2-Dichlorobenzene	ND	4.0	ug/Kg	06/05/10		R/J	SW8260
1,2-Dichloroethane	ND	4.0	ug/Kg	06/05/10		R/J	SW8260
1,2-Dichloropropane	ND	4.0	ug/Kg	06/05/10		R/J	SW8260
1,3,5-Trimethylbenzene	ND	4.0	ug/Kg	06/05/10		R/J	SW8260
1,3-Dichlorobenzene	ND	4.0	ug/Kg	06/05/10		R/J	SW8260
1,3-Dichloropropane	ND	4.0	ug/Kg	06/05/10		R/J	SW8260
1,4-Dichlorobenzene	ND	4.0	ug/Kg	06/05/10		R/J	SW8260
2,2-Dichloropropane	ND	4.0	ug/Kg	06/05/10		R/J	SW8260
2-Chlorotoluene	ND	4.0	ug/Kg	06/05/10		R/J	SW8260
2-Hexanone	ND	20	ug/Kg	06/05/10		R/J	SW8260
2-Isopropyltoluene	ND	4.0	ug/Kg	06/05/10		R/J	SW8260
4-Chlorotoluene	ND	4.0	ug/Kg	06/05/10		R/J	SW8260
4-Methyl-2-pentanone	ND	20	ug/Kg	06/05/10		R/J	SW8260
Acetone	ND	81	ug/Kg	06/05/10		R/J	SW8260
Acrylonitrile	ND	4.0	ug/Kg	06/05/10		R/J	SW8260
Benzene	ND	4.0	ug/Kg	06/05/10		R/J	SW8260
Bromobenzene	ND	4.0	ug/Kg	06/05/10		R/J	SW8260
Bromochloromethane	ND	4.0	ug/Kg	06/05/10		R/J	SW8260
Bromodichloromethane	ND	4.0	ug/Kg	06/05/10		R/J	SW8260
Bromoform	ND	4.0	ug/Kg	06/05/10		R/J	SW8260
Bromomethane	ND	4.0	ug/Kg	06/05/10		R/J	SW8260
Carbon Disulfide	ND	4.0	ug/Kg	06/05/10		R/J	SW8260
Carbon tetrachloride	ND	4.0	ug/Kg	06/05/10		R/J	SW8260
Chlorobenzene	ND	4.0	ug/Kg	06/05/10		R/J	SW8260
Chloroethane	ND	4.0	ug/Kg	06/05/10		R/J	SW8260
Chloroform	ND	4.0	ug/Kg	06/05/10		R/J	SW8260
Chloromethane	ND	4.0	ug/Kg	06/05/10		R/J	SW8260
cis-1,2-Dichloroethene	ND	4.0	ug/Kg	06/05/10		R/J	SW8260
cis-1,3-Dichloropropene	ND	4.0	ug/Kg	06/05/10		R/J	SW8260
Dibromochloromethane	ND	2.4	ug/Kg	06/05/10		R/J	SW8260
Dibromoethane	ND	4.0	ug/Kg	06/05/10		R/J	SW8260
Dibromomethane	ND	4.0	ug/Kg	06/05/10		R/J	SW8260
Dichlorodifluoromethane	ND	4.0	ug/Kg	06/05/10		R/J	SW8260
Ethylbenzene	ND	4.0	ug/Kg	06/05/10		R/J	SW8260
Hexachlorobutadiene	ND	4.0	ug/Kg	06/05/10		R/J	SW8260
Isopropylbenzene	ND	4.0	ug/Kg	06/05/10		R/J	SW8260
m&p-Xylene	ND	4.0	ug/Kg	06/05/10		R/J	SW8260
Methyl Ethyl Ketone	ND	24	ug/Kg	06/05/10		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	8.1	ug/Kg	06/05/10		R/J	SW8260
Methylene chloride	ND	4.0	ug/Kg	06/05/10		R/J	SW8260
Naphthalene	ND	4.0	ug/Kg	06/05/10		R/J	SW8260
n-Butylbenzene	ND	4.0	ug/Kg	06/05/10		R/J	SW8260
n-Propylbenzene	ND	4.0	ug/Kg	06/05/10		R/J	SW8260
o-Xylene	ND	4.0	ug/Kg	06/05/10		R/J	SW8260
p-Isopropyltoluene	ND	4.0	ug/Kg	06/05/10		R/J	SW8260
sec-Butylbenzene	ND	4.0	ug/Kg	06/05/10		R/J	SW8260
Styrene	ND	4.0	ug/Kg	06/05/10		R/J	SW8260
tert-Butylbenzene	ND	4.0	ug/Kg	06/05/10		R/J	SW8260
Tetrachloroethene	ND	4.0	ug/Kg	06/05/10		R/J	SW8260

Project ID: WOLCOTT RTE 69
Client ID: B-2 2-4 FT

Phoenix I.D.: AZ10979

Parameter	Result	RL	Units	Date	Time	By	Reference
Tetrahydrofuran (THF)	ND	8.1	ug/Kg	06/05/10		R/J	SW8260
Toluene	ND	4.0	ug/Kg	06/05/10		R/J	SW8260
Total Xylenes	ND	4.0	ug/Kg	06/05/10		R/J	SW8260
trans-1,2-Dichloroethene	ND	4.0	ug/Kg	06/05/10		R/J	SW8260
trans-1,3-Dichloropropene	ND	4.0	ug/Kg	06/05/10		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	8.1	ug/Kg	06/05/10		R/J	SW8260
Trichloroethene	ND	4.0	ug/Kg	06/05/10		R/J	SW8260
Trichlorofluoromethane	ND	4.0	ug/Kg	06/05/10		R/J	SW8260
Trichlorotrifluoroethane	ND	4.0	ug/Kg	06/05/10		R/J	SW8260
Vinyl chloride	ND	4.0	ug/Kg	06/05/10		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	102		%	06/05/10		R/J	SW8260
% Bromofluorobenzene	96		%	06/05/10		R/J	SW8260
% Dibromofluoromethane	111		%	06/05/10		R/J	SW8260
% Toluene-d8	98		%	06/05/10		R/J	SW8260
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	11	mg/Kg	06/07/10		KCA	CT ETPH/8015
Identification	ND		mg/Kg	06/07/10		KCA	CT ETPH/8015
QA/QC Surrogates							
% n-Pentacosane	63		%	06/07/10		KCA	CT ETPH/8015
Polychlorinated Biphenyls							
PCB-1016	ND	370	ug/Kg	06/04/10		MH	SW 8082
PCB-1221	ND	370	ug/Kg	06/04/10		MH	SW 8082
PCB-1232	ND	370	ug/Kg	06/04/10		MH	SW 8082
PCB-1242	ND	370	ug/Kg	06/04/10		MH	SW 8082
PCB-1248	ND	370	ug/Kg	06/04/10		MH	SW 8082
PCB-1254	ND	370	ug/Kg	06/04/10		MH	SW 8082
PCB-1260	ND	370	ug/Kg	06/04/10		MH	SW 8082
PCB-1262	ND	370	ug/Kg	06/04/10		MH	SW 8082
PCB-1268	ND	370	ug/Kg	06/04/10		MH	SW 8082
QA/QC Surrogates							
% DCBP	64		%	06/04/10		MH	SW 8082
% TCMX	73		%	06/04/10		MH	SW 8082
Polynuclear Aromatic HC							
2-Methylnaphthalene	ND	260	ug/Kg	06/04/10		HM	SW 8270
Acenaphthene	ND	260	ug/Kg	06/04/10		HM	SW 8270
Acenaphthylene	ND	260	ug/Kg	06/04/10		HM	SW 8270
Anthracene	ND	260	ug/Kg	06/04/10		HM	SW 8270
Benz(a)anthracene	ND	260	ug/Kg	06/04/10		HM	SW 8270
Benzo(a)pyrene	ND	260	ug/Kg	06/04/10		HM	SW 8270
Benzo(b)fluoranthene	ND	260	ug/Kg	06/04/10		HM	SW 8270
Benzo(ghi)perylene	ND	260	ug/Kg	06/04/10		HM	SW 8270
Benzo(k)fluoranthene	ND	260	ug/Kg	06/04/10		HM	SW 8270
Chrysene	ND	260	ug/Kg	06/04/10		HM	SW 8270
Dibenz(a,h)anthracene	ND	260	ug/Kg	06/04/10		HM	SW 8270
Fluoranthene	ND	260	ug/Kg	06/04/10		HM	SW 8270
Fluorene	ND	260	ug/Kg	06/04/10		HM	SW 8270

Project ID: WOLCOTT RTE 69
Client ID: B-2 2-4 FT

Phoenix I.D.: AZ10979

Parameter	Result	RL	Units	Date	Time	By	Reference
Indeno(1,2,3-cd)pyrene	ND	260	ug/Kg	06/04/10		HM	SW 8270
Naphthalene	ND	260	ug/Kg	06/04/10		HM	SW 8270
Phenanthrene	ND	260	ug/Kg	06/04/10		HM	SW 8270
Pyrene	ND	260	ug/Kg	06/04/10		HM	SW 8270
QA/QC Surrogates							
% 2-Fluorobiphenyl	65		%	06/04/10		HM	SW 8270
% Nitrobenzene-d5	68		%	06/04/10		HM	SW 8270
% Terphenyl-d14	67		%	06/04/10		HM	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

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

Phyllis Shiller

Phyllis Shiller, Laboratory Director
June 14, 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

June 14, 2010

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	JC	06/02/10	9:15
Location Code:	DTECHC	Received by:	LB	06/03/10	0:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	09-188-01E				

Laboratory Data

SDG ID: GAZ10978
Phoenix ID: AZ10980

Project ID: WOLCOTT RTE 69

Client ID: B-2 4-6 FT

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.42	0.42	mg/Kg	06/05/10		LK	SW6010
Arsenic	4.3	0.8	mg/Kg	06/05/10		LK	SW6010
Barium	49.3	0.42	mg/Kg	06/05/10		LK	SW6010
Cadmium	< 0.42	0.42	mg/Kg	06/05/10		LK	SW6010
Chromium	20.5	0.42	mg/Kg	06/05/10		LK	SW6010
Mercury	< 0.08	0.08	mg/Kg	06/04/10		RS	SW-7471
Lead	7.21	0.42	mg/Kg	06/05/10		LK	SW6010
Selenium	< 1.7	1.7	mg/Kg	06/05/10		LK	SW6010
Percent Solid	76		%	06/03/10		C / JL	E160.3
Soil Extraction for PCB	Completed			06/03/10		QB/D	SW3545
Soil Extraction SVOA BN	Completed			06/03/10		LS/D	SW3545
Extraction of CT ETPH	Completed			06/03/10		QS/AD	3545
Mercury Digestion	Completed			06/04/10		K	SW7471
Total Metals Digest	Completed			06/03/10		Q/AG	SW846 - 3050
Field Extraction	Completed			06/02/10		JC	SW5035
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
1,1,1-Trichloroethane	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	3.2	ug/Kg	06/05/10		R/J	SW8260
1,1,2-Trichloroethane	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
1,1-Dichloroethane	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
1,1-Dichloroethene	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
1,1-Dichloropropene	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
1,2,3-Trichlorobenzene	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
1,2,3-Trichloropropane	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
1,2,4-Trichlorobenzene	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
1,2,4-Trimethylbenzene	ND	5.3	ug/Kg	06/05/10		R/J	SW8260

Project ID: WOLCOTT RTE 69 **Phoenix I.D.:** AZ10980
Client ID: B-2 4-6 FT

Parameter	Result	RL	Units	Date	Time	By	Reference
1,2-Dibromo-3-chloropropane	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
1,2-Dichlorobenzene	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
1,2-Dichloroethane	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
1,2-Dichloropropane	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
1,3,5-Trimethylbenzene	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
1,3-Dichlorobenzene	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
1,3-Dichloropropane	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
1,4-Dichlorobenzene	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
2,2-Dichloropropane	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
2-Chlorotoluene	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
2-Hexanone	ND	27	ug/Kg	06/05/10		R/J	SW8260
2-Isopropyltoluene	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
4-Chlorotoluene	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
4-Methyl-2-pentanone	ND	27	ug/Kg	06/05/10		R/J	SW8260
Acetone	ND	110	ug/Kg	06/05/10		R/J	SW8260
Acrylonitrile	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
Benzene	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
Bromobenzene	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
Bromochloromethane	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
Bromodichloromethane	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
Bromoform	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
Bromomethane	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
Carbon Disulfide	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
Carbon tetrachloride	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
Chlorobenzene	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
Chloroethane	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
Chloroform	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
Chloromethane	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
cis-1,2-Dichloroethene	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
cis-1,3-Dichloropropene	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
Dibromochloromethane	ND	3.2	ug/Kg	06/05/10		R/J	SW8260
Dibromoethane	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
Dibromomethane	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
Dichlorodifluoromethane	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
Ethylbenzene	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
Hexachlorobutadiene	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
Isopropylbenzene	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
m&p-Xylene	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
Methyl Ethyl Ketone	ND	32	ug/Kg	06/05/10		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	06/05/10		R/J	SW8260
Methylene chloride	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
Naphthalene	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
n-Butylbenzene	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
n-Propylbenzene	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
o-Xylene	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
p-Isopropyltoluene	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
sec-Butylbenzene	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
Styrene	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
tert-Butylbenzene	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
Tetrachloroethene	ND	5.3	ug/Kg	06/05/10		R/J	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference
Tetrahydrofuran (THF)	ND	11	ug/Kg	06/05/10		R/J	SW8260
Toluene	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
Total Xylenes	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
trans-1,2-Dichloroethene	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
trans-1,3-Dichloropropene	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	06/05/10		R/J	SW8260
Trichloroethene	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
Trichlorofluoromethane	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
Trichlorotrifluoroethane	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
Vinyl chloride	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	101		%	06/05/10		R/J	SW8260
% Bromofluorobenzene	96		%	06/05/10		R/J	SW8260
% Dibromofluoromethane	109		%	06/05/10		R/J	SW8260
% Toluene-d8	96		%	06/05/10		R/J	SW8260
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	13	mg/Kg	06/07/10		KCA	CT ETPH/8015
Identification	ND		mg/Kg	06/07/10		KCA	CT ETPH/8015
QA/QC Surrogates							
% n-Pentacosane	50		%	06/07/10		KCA	CT ETPH/8015
Polychlorinated Biphenyls							
PCB-1016	ND	440	ug/Kg	06/04/10		MH	SW 8082
PCB-1221	ND	440	ug/Kg	06/04/10		MH	SW 8082
PCB-1232	ND	440	ug/Kg	06/04/10		MH	SW 8082
PCB-1242	ND	440	ug/Kg	06/04/10		MH	SW 8082
PCB-1248	ND	440	ug/Kg	06/04/10		MH	SW 8082
PCB-1254	ND	440	ug/Kg	06/04/10		MH	SW 8082
PCB-1260	ND	440	ug/Kg	06/04/10		MH	SW 8082
PCB-1262	ND	440	ug/Kg	06/04/10		MH	SW 8082
PCB-1268	ND	440	ug/Kg	06/04/10		MH	SW 8082
QA/QC Surrogates							
% DCBP	58		%	06/04/10		MH	SW 8082
% TCMX	67		%	06/04/10		MH	SW 8082
Polynuclear Aromatic HC							
2-Methylnaphthalene	ND	300	ug/Kg	06/04/10		HM	SW 8270
Acenaphthene	ND	300	ug/Kg	06/04/10		HM	SW 8270
Acenaphthylene	ND	300	ug/Kg	06/04/10		HM	SW 8270
Anthracene	ND	300	ug/Kg	06/04/10		HM	SW 8270
Benz(a)anthracene	ND	300	ug/Kg	06/04/10		HM	SW 8270
Benzo(a)pyrene	ND	300	ug/Kg	06/04/10		HM	SW 8270
Benzo(b)fluoranthene	ND	300	ug/Kg	06/04/10		HM	SW 8270
Benzo(ghi)perylene	ND	300	ug/Kg	06/04/10		HM	SW 8270
Benzo(k)fluoranthene	ND	300	ug/Kg	06/04/10		HM	SW 8270
Chrysene	ND	300	ug/Kg	06/04/10		HM	SW 8270
Dibenz(a,h)anthracene	ND	300	ug/Kg	06/04/10		HM	SW 8270
Fluoranthene	ND	300	ug/Kg	06/04/10		HM	SW 8270
Fluorene	ND	300	ug/Kg	06/04/10		HM	SW 8270

Project ID: WOLCOTT RTE 69 **Phoenix I.D.:** AZ10980
Client ID: B-2 4-6 FT

Parameter	Result	RL	Units	Date	Time	By	Reference
Indeno(1,2,3-cd)pyrene	ND	300	ug/Kg	06/04/10		HM	SW 8270
Naphthalene	ND	300	ug/Kg	06/04/10		HM	SW 8270
Phenanthrene	ND	300	ug/Kg	06/04/10		HM	SW 8270
Pyrene	ND	300	ug/Kg	06/04/10		HM	SW 8270
QA/QC Surrogates							
% 2-Fluorobiphenyl	37		%	06/04/10		HM	SW 8270
% Nitrobenzene-d5	45		%	06/04/10		HM	SW 8270
% Terphenyl-d14	53		%	06/04/10		HM	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

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

Phyllis Shiller

Phyllis Shiller, Laboratory Director
June 14, 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

June 14, 2010

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	JC	06/02/10	8:15
Location Code:	DTECHC	Received by:	LB	06/03/10	0:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	09-188-01E				

Laboratory Data

SDG ID: GAZ10978
Phoenix ID: AZ10981

Project ID: WOLCOTT RTE 69
Client ID: B-3 4-6 FT

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.43	0.43	mg/Kg	06/05/10		LK	SW6010
Arsenic	2.8	0.9	mg/Kg	06/05/10		LK	SW6010
Barium	29.1	0.43	mg/Kg	06/05/10		LK	SW6010
Cadmium	< 0.43	0.43	mg/Kg	06/05/10		LK	SW6010
Chromium	23.0	0.43	mg/Kg	06/05/10		LK	SW6010
Mercury	< 0.11	0.11	mg/Kg	06/04/10		RS	SW-7471
Lead	4.03	0.43	mg/Kg	06/05/10		LK	SW6010
Selenium	< 1.7	1.7	mg/Kg	06/05/10		LK	SW6010
Percent Solid	75		%	06/03/10		C / JL	E160.3
Soil Extraction for PCB	Completed			06/03/10		QB/D	SW3545
Soil Extraction SVOA BN	Completed			06/07/10		BS/DK	SW3545
Extraction of CT ETPH	Completed			06/03/10		QS/AD	3545
Mercury Digestion	Completed			06/04/10		K	SW7471
Total Metals Digest	Completed			06/03/10		Q/AG	SW846 - 3050
Field Extraction	Completed			06/02/10		JC	SW5035
Volatiles							
1,1,1,2-Tetrachloroethane	ND	4.9	ug/Kg	06/07/10		R/J	SW8260
1,1,1-Trichloroethane	ND	4.9	ug/Kg	06/07/10		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	2.9	ug/Kg	06/07/10		R/J	SW8260
1,1,2-Trichloroethane	ND	4.9	ug/Kg	06/07/10		R/J	SW8260
1,1-Dichloroethane	ND	4.9	ug/Kg	06/07/10		R/J	SW8260
1,1-Dichloroethene	ND	4.9	ug/Kg	06/07/10		R/J	SW8260
1,1-Dichloropropene	ND	4.9	ug/Kg	06/07/10		R/J	SW8260
1,2,3-Trichlorobenzene	ND	4.9	ug/Kg	06/07/10		R/J	SW8260
1,2,3-Trichloropropane	ND	4.9	ug/Kg	06/07/10		R/J	SW8260
1,2,4-Trichlorobenzene	ND	4.9	ug/Kg	06/07/10		R/J	SW8260
1,2,4-Trimethylbenzene	ND	4.9	ug/Kg	06/07/10		R/J	SW8260

Project ID: WOLCOTT RTE 69 **Phoenix I.D.:** AZ10981
Client ID: B-3 4-6 FT

Parameter	Result	RL	Units	Date	Time	By	Reference
1,2-Dibromo-3-chloropropane	ND	4.9	ug/Kg	06/07/10		R/J	SW8260
1,2-Dichlorobenzene	ND	4.9	ug/Kg	06/07/10		R/J	SW8260
1,2-Dichloroethane	ND	4.9	ug/Kg	06/07/10		R/J	SW8260
1,2-Dichloropropane	ND	4.9	ug/Kg	06/07/10		R/J	SW8260
1,3,5-Trimethylbenzene	ND	4.9	ug/Kg	06/07/10		R/J	SW8260
1,3-Dichlorobenzene	ND	4.9	ug/Kg	06/07/10		R/J	SW8260
1,3-Dichloropropane	ND	4.9	ug/Kg	06/07/10		R/J	SW8260
1,4-Dichlorobenzene	ND	4.9	ug/Kg	06/07/10		R/J	SW8260
2,2-Dichloropropane	ND	4.9	ug/Kg	06/07/10		R/J	SW8260
2-Chlorotoluene	ND	4.9	ug/Kg	06/07/10		R/J	SW8260
2-Hexanone	ND	24	ug/Kg	06/07/10		R/J	SW8260
2-Isopropyltoluene	ND	4.9	ug/Kg	06/07/10		R/J	SW8260
4-Chlorotoluene	ND	4.9	ug/Kg	06/07/10		R/J	SW8260
4-Methyl-2-pentanone	ND	24	ug/Kg	06/07/10		R/J	SW8260
Acetone	ND	97	ug/Kg	06/07/10		R/J	SW8260
Acrylonitrile	ND	4.9	ug/Kg	06/07/10		R/J	SW8260
Benzene	ND	4.9	ug/Kg	06/07/10		R/J	SW8260
Bromobenzene	ND	4.9	ug/Kg	06/07/10		R/J	SW8260
Bromochloromethane	ND	4.9	ug/Kg	06/07/10		R/J	SW8260
Bromodichloromethane	ND	4.9	ug/Kg	06/07/10		R/J	SW8260
Bromoform	ND	4.9	ug/Kg	06/07/10		R/J	SW8260
Bromomethane	ND	4.9	ug/Kg	06/07/10		R/J	SW8260
Carbon Disulfide	ND	4.9	ug/Kg	06/07/10		R/J	SW8260
Carbon tetrachloride	ND	4.9	ug/Kg	06/07/10		R/J	SW8260
Chlorobenzene	ND	4.9	ug/Kg	06/07/10		R/J	SW8260
Chloroethane	ND	4.9	ug/Kg	06/07/10		R/J	SW8260
Chloroform	ND	4.9	ug/Kg	06/07/10		R/J	SW8260
Chloromethane	ND	4.9	ug/Kg	06/07/10		R/J	SW8260
cis-1,2-Dichloroethene	ND	4.9	ug/Kg	06/07/10		R/J	SW8260
cis-1,3-Dichloropropene	ND	4.9	ug/Kg	06/07/10		R/J	SW8260
Dibromochloromethane	ND	2.9	ug/Kg	06/07/10		R/J	SW8260
Dibromoethane	ND	4.9	ug/Kg	06/07/10		R/J	SW8260
Dibromomethane	ND	4.9	ug/Kg	06/07/10		R/J	SW8260
Dichlorodifluoromethane	ND	4.9	ug/Kg	06/07/10		R/J	SW8260
Ethylbenzene	ND	4.9	ug/Kg	06/07/10		R/J	SW8260
Hexachlorobutadiene	ND	4.9	ug/Kg	06/07/10		R/J	SW8260
Isopropylbenzene	ND	4.9	ug/Kg	06/07/10		R/J	SW8260
m&p-Xylene	ND	4.9	ug/Kg	06/07/10		R/J	SW8260
Methyl Ethyl Ketone	ND	29	ug/Kg	06/07/10		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	9.7	ug/Kg	06/07/10		R/J	SW8260
Methylene chloride	ND	4.9	ug/Kg	06/07/10		R/J	SW8260
Naphthalene	ND	4.9	ug/Kg	06/07/10		R/J	SW8260
n-Butylbenzene	ND	4.9	ug/Kg	06/07/10		R/J	SW8260
n-Propylbenzene	ND	4.9	ug/Kg	06/07/10		R/J	SW8260
o-Xylene	ND	4.9	ug/Kg	06/07/10		R/J	SW8260
p-Isopropyltoluene	ND	4.9	ug/Kg	06/07/10		R/J	SW8260
sec-Butylbenzene	ND	4.9	ug/Kg	06/07/10		R/J	SW8260
Styrene	ND	4.9	ug/Kg	06/07/10		R/J	SW8260
tert-Butylbenzene	ND	4.9	ug/Kg	06/07/10		R/J	SW8260
Tetrachloroethene	ND	4.9	ug/Kg	06/07/10		R/J	SW8260

Project ID: WOLCOTT RTE 69
Client ID: B-3 4-6 FT

Phoenix I.D.: AZ10981

Parameter	Result	RL	Units	Date	Time	By	Reference
Tetrahydrofuran (THF)	ND	9.7	ug/Kg	06/07/10		R/J	SW8260
Toluene	ND	4.9	ug/Kg	06/07/10		R/J	SW8260
Total Xylenes	ND	4.9	ug/Kg	06/07/10		R/J	SW8260
trans-1,2-Dichloroethene	ND	4.9	ug/Kg	06/07/10		R/J	SW8260
trans-1,3-Dichloropropene	ND	4.9	ug/Kg	06/07/10		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	9.7	ug/Kg	06/07/10		R/J	SW8260
Trichloroethene	ND	4.9	ug/Kg	06/07/10		R/J	SW8260
Trichlorofluoromethane	ND	4.9	ug/Kg	06/07/10		R/J	SW8260
Trichlorotrifluoroethane	ND	4.9	ug/Kg	06/07/10		R/J	SW8260
Vinyl chloride	ND	4.9	ug/Kg	06/07/10		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	102		%	06/07/10		R/J	SW8260
% Bromofluorobenzene	76		%	06/07/10		R/J	SW8260
% Dibromofluoromethane	107		%	06/07/10		R/J	SW8260
% Toluene-d8	90		%	06/07/10		R/J	SW8260
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	13	mg/Kg	06/07/10		KCA	CT ETPH/8015
Identification	ND		mg/Kg	06/07/10		KCA	CT ETPH/8015
QA/QC Surrogates							
% n-Pentacosane	48		%	06/07/10		KCA	CT ETPH/8015
Polychlorinated Biphenyls							
PCB-1016	ND	440	ug/Kg	06/04/10		MH	SW 8082
PCB-1221	ND	440	ug/Kg	06/04/10		MH	SW 8082
PCB-1232	ND	440	ug/Kg	06/04/10		MH	SW 8082
PCB-1242	ND	440	ug/Kg	06/04/10		MH	SW 8082
PCB-1248	ND	440	ug/Kg	06/04/10		MH	SW 8082
PCB-1254	ND	440	ug/Kg	06/04/10		MH	SW 8082
PCB-1260	ND	440	ug/Kg	06/04/10		MH	SW 8082
PCB-1262	ND	440	ug/Kg	06/04/10		MH	SW 8082
PCB-1268	ND	440	ug/Kg	06/04/10		MH	SW 8082
QA/QC Surrogates							
% DCBP	52		%	06/04/10		MH	SW 8082
% TCMX	61		%	06/04/10		MH	SW 8082
Polynuclear Aromatic HC							
2-Methylnaphthalene	ND	300	ug/Kg	06/08/10		HM	SW 8270
Acenaphthene	ND	300	ug/Kg	06/08/10		HM	SW 8270
Acenaphthylene	ND	300	ug/Kg	06/08/10		HM	SW 8270
Anthracene	ND	300	ug/Kg	06/08/10		HM	SW 8270
Benz(a)anthracene	ND	300	ug/Kg	06/08/10		HM	SW 8270
Benzo(a)pyrene	ND	300	ug/Kg	06/08/10		HM	SW 8270
Benzo(b)fluoranthene	ND	300	ug/Kg	06/08/10		HM	SW 8270
Benzo(ghi)perylene	ND	300	ug/Kg	06/08/10		HM	SW 8270
Benzo(k)fluoranthene	ND	300	ug/Kg	06/08/10		HM	SW 8270
Chrysene	ND	300	ug/Kg	06/08/10		HM	SW 8270
Dibenz(a,h)anthracene	ND	300	ug/Kg	06/08/10		HM	SW 8270
Fluoranthene	ND	300	ug/Kg	06/08/10		HM	SW 8270
Fluorene	ND	300	ug/Kg	06/08/10		HM	SW 8270

Project ID: WOLCOTT RTE 69
Client ID: B-3 4-6 FT

Phoenix I.D.: AZ10981

Parameter	Result	RL	Units	Date	Time	By	Reference
Indeno(1,2,3-cd)pyrene	ND	300	ug/Kg	06/08/10		HM	SW 8270
Naphthalene	ND	300	ug/Kg	06/08/10		HM	SW 8270
Phenanthrene	ND	300	ug/Kg	06/08/10		HM	SW 8270
Pyrene	ND	300	ug/Kg	06/08/10		HM	SW 8270
QA/QC Surrogates							
% 2-Fluorobiphenyl	58		%	06/08/10		HM	SW 8270
% Nitrobenzene-d5	68		%	06/08/10		HM	SW 8270
% Terphenyl-d14	51		%	06/08/10		HM	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

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

Phyllis Shiller

Phyllis Shiller, Laboratory Director
June 14, 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

June 14, 2010

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	JC	06/02/10	8:25
Location Code:	DTECHC	Received by:	LB	06/03/10	0:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	09-188-01E				

Laboratory Data

SDG ID: GAZ10978
Phoenix ID: AZ10982

Project ID: WOLCOTT RTE 69

Client ID: B-3 6-8 FT

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.38	0.38	mg/Kg	06/05/10		LK	SW6010
Arsenic	1.4	0.8	mg/Kg	06/05/10		LK	SW6010
Barium	38.8	0.38	mg/Kg	06/05/10		LK	SW6010
Cadmium	< 0.38	0.38	mg/Kg	06/05/10		LK	SW6010
Chromium	18.1	0.38	mg/Kg	06/05/10		LK	SW6010
Mercury	< 0.06	0.06	mg/Kg	06/04/10		RS	SW-7471
Lead	2.84	0.38	mg/Kg	06/05/10		LK	SW6010
Selenium	< 1.5	1.5	mg/Kg	06/05/10		LK	SW6010
Percent Solid	84		%	06/03/10		C / JL	E160.3
Soil Extraction for PCB	Completed			06/03/10		QB/D	SW3545
Soil Extraction SVOA BN	Completed			06/03/10		LS/D	SW3545
Extraction of CT ETPH	Completed			06/03/10		QS/AD	3545
Mercury Digestion	Completed			06/04/10		K	SW7471
Total Metals Digest	Completed			06/03/10		Q/AG	SW846 - 3050
Field Extraction	Completed			06/02/10		JC	SW5035
Volatiles							
1,1,1,2-Tetrachloroethane	ND	6.0	ug/Kg	06/05/10		R/J	SW8260
1,1,1-Trichloroethane	ND	6.0	ug/Kg	06/05/10		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	3.6	ug/Kg	06/05/10		R/J	SW8260
1,1,2-Trichloroethane	ND	6.0	ug/Kg	06/05/10		R/J	SW8260
1,1-Dichloroethane	ND	6.0	ug/Kg	06/05/10		R/J	SW8260
1,1-Dichloroethene	ND	6.0	ug/Kg	06/05/10		R/J	SW8260
1,1-Dichloropropene	ND	6.0	ug/Kg	06/05/10		R/J	SW8260
1,2,3-Trichlorobenzene	ND	6.0	ug/Kg	06/05/10		R/J	SW8260
1,2,3-Trichloropropane	ND	6.0	ug/Kg	06/05/10		R/J	SW8260
1,2,4-Trichlorobenzene	ND	6.0	ug/Kg	06/05/10		R/J	SW8260
1,2,4-Trimethylbenzene	ND	6.0	ug/Kg	06/05/10		R/J	SW8260

Project ID: WOLCOTT RTE 69 **Phoenix I.D.:** AZ10982
Client ID: B-3 6-8 FT

Parameter	Result	RL	Units	Date	Time	By	Reference
1,2-Dibromo-3-chloropropane	ND	6.0	ug/Kg	06/05/10		R/J	SW8260
1,2-Dichlorobenzene	ND	6.0	ug/Kg	06/05/10		R/J	SW8260
1,2-Dichloroethane	ND	6.0	ug/Kg	06/05/10		R/J	SW8260
1,2-Dichloropropane	ND	6.0	ug/Kg	06/05/10		R/J	SW8260
1,3,5-Trimethylbenzene	ND	6.0	ug/Kg	06/05/10		R/J	SW8260
1,3-Dichlorobenzene	ND	6.0	ug/Kg	06/05/10		R/J	SW8260
1,3-Dichloropropane	ND	6.0	ug/Kg	06/05/10		R/J	SW8260
1,4-Dichlorobenzene	ND	6.0	ug/Kg	06/05/10		R/J	SW8260
2,2-Dichloropropane	ND	6.0	ug/Kg	06/05/10		R/J	SW8260
2-Chlorotoluene	ND	6.0	ug/Kg	06/05/10		R/J	SW8260
2-Hexanone	ND	30	ug/Kg	06/05/10		R/J	SW8260
2-Isopropyltoluene	ND	6.0	ug/Kg	06/05/10		R/J	SW8260
4-Chlorotoluene	ND	6.0	ug/Kg	06/05/10		R/J	SW8260
4-Methyl-2-pentanone	ND	30	ug/Kg	06/05/10		R/J	SW8260
Acetone	ND	120	ug/Kg	06/05/10		R/J	SW8260
Acrylonitrile	ND	6.0	ug/Kg	06/05/10		R/J	SW8260
Benzene	ND	6.0	ug/Kg	06/05/10		R/J	SW8260
Bromobenzene	ND	6.0	ug/Kg	06/05/10		R/J	SW8260
Bromochloromethane	ND	6.0	ug/Kg	06/05/10		R/J	SW8260
Bromodichloromethane	ND	6.0	ug/Kg	06/05/10		R/J	SW8260
Bromoform	ND	6.0	ug/Kg	06/05/10		R/J	SW8260
Bromomethane	ND	6.0	ug/Kg	06/05/10		R/J	SW8260
Carbon Disulfide	ND	6.0	ug/Kg	06/05/10		R/J	SW8260
Carbon tetrachloride	ND	6.0	ug/Kg	06/05/10		R/J	SW8260
Chlorobenzene	ND	6.0	ug/Kg	06/05/10		R/J	SW8260
Chloroethane	ND	6.0	ug/Kg	06/05/10		R/J	SW8260
Chloroform	ND	6.0	ug/Kg	06/05/10		R/J	SW8260
Chloromethane	ND	6.0	ug/Kg	06/05/10		R/J	SW8260
cis-1,2-Dichloroethene	ND	6.0	ug/Kg	06/05/10		R/J	SW8260
cis-1,3-Dichloropropene	ND	6.0	ug/Kg	06/05/10		R/J	SW8260
Dibromochloromethane	ND	3.6	ug/Kg	06/05/10		R/J	SW8260
Dibromoethane	ND	6.0	ug/Kg	06/05/10		R/J	SW8260
Dibromomethane	ND	6.0	ug/Kg	06/05/10		R/J	SW8260
Dichlorodifluoromethane	ND	6.0	ug/Kg	06/05/10		R/J	SW8260
Ethylbenzene	ND	6.0	ug/Kg	06/05/10		R/J	SW8260
Hexachlorobutadiene	ND	6.0	ug/Kg	06/05/10		R/J	SW8260
Isopropylbenzene	ND	6.0	ug/Kg	06/05/10		R/J	SW8260
m&p-Xylene	ND	6.0	ug/Kg	06/05/10		R/J	SW8260
Methyl Ethyl Ketone	ND	36	ug/Kg	06/05/10		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	12	ug/Kg	06/05/10		R/J	SW8260
Methylene chloride	ND	6.0	ug/Kg	06/05/10		R/J	SW8260
Naphthalene	ND	6.0	ug/Kg	06/05/10		R/J	SW8260
n-Butylbenzene	ND	6.0	ug/Kg	06/05/10		R/J	SW8260
n-Propylbenzene	ND	6.0	ug/Kg	06/05/10		R/J	SW8260
o-Xylene	ND	6.0	ug/Kg	06/05/10		R/J	SW8260
p-Isopropyltoluene	ND	6.0	ug/Kg	06/05/10		R/J	SW8260
sec-Butylbenzene	ND	6.0	ug/Kg	06/05/10		R/J	SW8260
Styrene	ND	6.0	ug/Kg	06/05/10		R/J	SW8260
tert-Butylbenzene	ND	6.0	ug/Kg	06/05/10		R/J	SW8260
Tetrachloroethene	ND	6.0	ug/Kg	06/05/10		R/J	SW8260

Project ID: WOLCOTT RTE 69
Client ID: B-3 6-8 FT

Phoenix I.D.: AZ10982

Parameter	Result	RL	Units	Date	Time	By	Reference
Tetrahydrofuran (THF)	ND	12	ug/Kg	06/05/10		R/J	SW8260
Toluene	ND	6.0	ug/Kg	06/05/10		R/J	SW8260
Total Xylenes	ND	6.0	ug/Kg	06/05/10		R/J	SW8260
trans-1,2-Dichloroethene	ND	6.0	ug/Kg	06/05/10		R/J	SW8260
trans-1,3-Dichloropropene	ND	6.0	ug/Kg	06/05/10		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	12	ug/Kg	06/05/10		R/J	SW8260
Trichloroethene	ND	6.0	ug/Kg	06/05/10		R/J	SW8260
Trichlorofluoromethane	ND	6.0	ug/Kg	06/05/10		R/J	SW8260
Trichlorotrifluoroethane	ND	6.0	ug/Kg	06/05/10		R/J	SW8260
Vinyl chloride	ND	6.0	ug/Kg	06/05/10		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	102		%	06/05/10		R/J	SW8260
% Bromofluorobenzene	97		%	06/05/10		R/J	SW8260
% Dibromofluoromethane	98		%	06/05/10		R/J	SW8260
% Toluene-d8	96		%	06/05/10		R/J	SW8260
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	12	mg/Kg	06/07/10		KCA	CT ETPH/8015
Identification	ND		mg/Kg	06/07/10		KCA	CT ETPH/8015
QA/QC Surrogates							
% n-Pentacosane	46		%	06/07/10		KCA	CT ETPH/8015
Polychlorinated Biphenyls							
PCB-1016	ND	390	ug/Kg	06/04/10		MH	SW 8082
PCB-1221	ND	390	ug/Kg	06/04/10		MH	SW 8082
PCB-1232	ND	390	ug/Kg	06/04/10		MH	SW 8082
PCB-1242	ND	390	ug/Kg	06/04/10		MH	SW 8082
PCB-1248	ND	390	ug/Kg	06/04/10		MH	SW 8082
PCB-1254	ND	390	ug/Kg	06/04/10		MH	SW 8082
PCB-1260	ND	390	ug/Kg	06/04/10		MH	SW 8082
PCB-1262	ND	390	ug/Kg	06/04/10		MH	SW 8082
PCB-1268	ND	390	ug/Kg	06/04/10		MH	SW 8082
QA/QC Surrogates							
% DCBP	73		%	06/04/10		MH	SW 8082
% TCMX	82		%	06/04/10		MH	SW 8082
Polynuclear Aromatic HC							
2-Methylnaphthalene	ND	270	ug/Kg	06/04/10		HM	SW 8270
Acenaphthene	ND	270	ug/Kg	06/04/10		HM	SW 8270
Acenaphthylene	ND	270	ug/Kg	06/04/10		HM	SW 8270
Anthracene	ND	270	ug/Kg	06/04/10		HM	SW 8270
Benz(a)anthracene	ND	270	ug/Kg	06/04/10		HM	SW 8270
Benzo(a)pyrene	ND	270	ug/Kg	06/04/10		HM	SW 8270
Benzo(b)fluoranthene	ND	270	ug/Kg	06/04/10		HM	SW 8270
Benzo(ghi)perylene	ND	270	ug/Kg	06/04/10		HM	SW 8270
Benzo(k)fluoranthene	ND	270	ug/Kg	06/04/10		HM	SW 8270
Chrysene	ND	270	ug/Kg	06/04/10		HM	SW 8270
Dibenz(a,h)anthracene	ND	270	ug/Kg	06/04/10		HM	SW 8270
Fluoranthene	ND	270	ug/Kg	06/04/10		HM	SW 8270
Fluorene	ND	270	ug/Kg	06/04/10		HM	SW 8270

Project ID: WOLCOTT RTE 69
Client ID: B-3 6-8 FT

Phoenix I.D.: AZ10982

Parameter	Result	RL	Units	Date	Time	By	Reference
Indeno(1,2,3-cd)pyrene	ND	270	ug/Kg	06/04/10		HM	SW 8270
Naphthalene	ND	270	ug/Kg	06/04/10		HM	SW 8270
Phenanthrene	ND	270	ug/Kg	06/04/10		HM	SW 8270
Pyrene	ND	270	ug/Kg	06/04/10		HM	SW 8270
QA/QC Surrogates							
% 2-Fluorobiphenyl	50		%	06/04/10		HM	SW 8270
% Nitrobenzene-d5	49		%	06/04/10		HM	SW 8270
% Terphenyl-d14	51		%	06/04/10		HM	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

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

Phyllis Shiller

Phyllis Shiller, Laboratory Director
June 14, 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

June 14, 2010

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	JC	06/02/10	10:00
Location Code:	DTECHC	Received by:	LB	06/03/10	0:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	09-188-01E				

Laboratory Data

SDG ID: GAZ10978
Phoenix ID: AZ10983

Project ID: WOLCOTT RTE 69

Client ID: B-4 1.5 - 3.2 FT

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.37	0.37	mg/Kg	06/05/10		LK	SW6010
Arsenic	2.1	0.7	mg/Kg	06/05/10		LK	SW6010
Barium	17.3	0.37	mg/Kg	06/05/10		LK	SW6010
Cadmium	< 0.37	0.37	mg/Kg	06/05/10		LK	SW6010
Chromium	8.26	0.37	mg/Kg	06/05/10		LK	SW6010
Mercury	< 0.09	0.09	mg/Kg	06/04/10		RS	SW-7471
Lead	5.64	0.37	mg/Kg	06/05/10		LK	SW6010
Selenium	< 1.5	1.5	mg/Kg	06/05/10		LK	SW6010
Percent Solid	85		%	06/03/10		C / JL	E160.3
Soil Extraction for PCB	Completed			06/03/10		QB/D	SW3545
Soil Extraction SVOA BN	Completed			06/03/10		LS/D	SW3545
Extraction of CT ETPH	Completed			06/03/10		QS/AD	3545
Mercury Digestion	Completed			06/04/10		K	SW7471
Total Metals Digest	Completed			06/03/10		Q/AG	SW846 - 3050
Field Extraction	Completed			06/02/10		JC	SW5035
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.9	ug/Kg	06/07/10		R/J	SW8260
1,1,1-Trichloroethane	ND	5.9	ug/Kg	06/07/10		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	3.5	ug/Kg	06/07/10		R/J	SW8260
1,1,2-Trichloroethane	ND	5.9	ug/Kg	06/07/10		R/J	SW8260
1,1-Dichloroethane	ND	5.9	ug/Kg	06/07/10		R/J	SW8260
1,1-Dichloroethene	ND	5.9	ug/Kg	06/07/10		R/J	SW8260
1,1-Dichloropropene	ND	5.9	ug/Kg	06/07/10		R/J	SW8260
1,2,3-Trichlorobenzene	ND	5.9	ug/Kg	06/07/10		R/J	SW8260
1,2,3-Trichloropropane	ND	5.9	ug/Kg	06/07/10		R/J	SW8260
1,2,4-Trichlorobenzene	ND	5.9	ug/Kg	06/07/10		R/J	SW8260
1,2,4-Trimethylbenzene	ND	5.9	ug/Kg	06/07/10		R/J	SW8260

Project ID: WOLCOTT RTE 69 **Phoenix I.D.:** AZ10983
Client ID: B-4 1.5 - 3.2 FT

Parameter	Result	RL	Units	Date	Time	By	Reference
1,2-Dibromo-3-chloropropane	ND	5.9	ug/Kg	06/07/10		R/J	SW8260
1,2-Dichlorobenzene	6.9	5.9	ug/Kg	06/07/10		R/J	SW8260
1,2-Dichloroethane	ND	5.9	ug/Kg	06/07/10		R/J	SW8260
1,2-Dichloropropane	ND	5.9	ug/Kg	06/07/10		R/J	SW8260
1,3,5-Trimethylbenzene	ND	5.9	ug/Kg	06/07/10		R/J	SW8260
1,3-Dichlorobenzene	ND	5.9	ug/Kg	06/07/10		R/J	SW8260
1,3-Dichloropropane	ND	5.9	ug/Kg	06/07/10		R/J	SW8260
1,4-Dichlorobenzene	ND	5.9	ug/Kg	06/07/10		R/J	SW8260
2,2-Dichloropropane	ND	5.9	ug/Kg	06/07/10		R/J	SW8260
2-Chlorotoluene	ND	5.9	ug/Kg	06/07/10		R/J	SW8260
2-Hexanone	ND	29	ug/Kg	06/07/10		R/J	SW8260
2-Isopropyltoluene	ND	5.9	ug/Kg	06/07/10		R/J	SW8260
4-Chlorotoluene	ND	5.9	ug/Kg	06/07/10		R/J	SW8260
4-Methyl-2-pentanone	ND	29	ug/Kg	06/07/10		R/J	SW8260
Acetone	ND	120	ug/Kg	06/07/10		R/J	SW8260
Acrylonitrile	ND	5.9	ug/Kg	06/07/10		R/J	SW8260
Benzene	ND	5.9	ug/Kg	06/07/10		R/J	SW8260
Bromobenzene	ND	5.9	ug/Kg	06/07/10		R/J	SW8260
Bromochloromethane	ND	5.9	ug/Kg	06/07/10		R/J	SW8260
Bromodichloromethane	ND	5.9	ug/Kg	06/07/10		R/J	SW8260
Bromoform	ND	5.9	ug/Kg	06/07/10		R/J	SW8260
Bromomethane	ND	5.9	ug/Kg	06/07/10		R/J	SW8260
Carbon Disulfide	ND	5.9	ug/Kg	06/07/10		R/J	SW8260
Carbon tetrachloride	ND	5.9	ug/Kg	06/07/10		R/J	SW8260
Chlorobenzene	ND	5.9	ug/Kg	06/07/10		R/J	SW8260
Chloroethane	ND	5.9	ug/Kg	06/07/10		R/J	SW8260
Chloroform	ND	5.9	ug/Kg	06/07/10		R/J	SW8260
Chloromethane	ND	5.9	ug/Kg	06/07/10		R/J	SW8260
cis-1,2-Dichloroethene	ND	5.9	ug/Kg	06/07/10		R/J	SW8260
cis-1,3-Dichloropropene	ND	5.9	ug/Kg	06/07/10		R/J	SW8260
Dibromochloromethane	ND	3.5	ug/Kg	06/07/10		R/J	SW8260
Dibromoethane	ND	5.9	ug/Kg	06/07/10		R/J	SW8260
Dibromomethane	ND	5.9	ug/Kg	06/07/10		R/J	SW8260
Dichlorodifluoromethane	ND	5.9	ug/Kg	06/07/10		R/J	SW8260
Ethylbenzene	ND	5.9	ug/Kg	06/07/10		R/J	SW8260
Hexachlorobutadiene	ND	5.9	ug/Kg	06/07/10		R/J	SW8260
Isopropylbenzene	ND	5.9	ug/Kg	06/07/10		R/J	SW8260
m&p-Xylene	ND	5.9	ug/Kg	06/07/10		R/J	SW8260
Methyl Ethyl Ketone	ND	35	ug/Kg	06/07/10		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	12	ug/Kg	06/07/10		R/J	SW8260
Methylene chloride	ND	35	ug/Kg	06/07/10		R/J	SW8260
Naphthalene	ND	5.9	ug/Kg	06/07/10		R/J	SW8260
n-Butylbenzene	ND	5.9	ug/Kg	06/07/10		R/J	SW8260
n-Propylbenzene	ND	5.9	ug/Kg	06/07/10		R/J	SW8260
o-Xylene	ND	5.9	ug/Kg	06/07/10		R/J	SW8260
p-Isopropyltoluene	ND	5.9	ug/Kg	06/07/10		R/J	SW8260
sec-Butylbenzene	ND	5.9	ug/Kg	06/07/10		R/J	SW8260
Styrene	ND	5.9	ug/Kg	06/07/10		R/J	SW8260
tert-Butylbenzene	ND	5.9	ug/Kg	06/07/10		R/J	SW8260
Tetrachloroethene	ND	5.9	ug/Kg	06/07/10		R/J	SW8260

Project ID: WOLCOTT RTE 69
Client ID: B-4 1.5 - 3.2 FT

Phoenix I.D.: AZ10983

Parameter	Result	RL	Units	Date	Time	By	Reference
Tetrahydrofuran (THF)	ND	12	ug/Kg	06/07/10		R/J	SW8260
Toluene	ND	5.9	ug/Kg	06/07/10		R/J	SW8260
Total Xylenes	ND	5.9	ug/Kg	06/07/10		R/J	SW8260
trans-1,2-Dichloroethene	ND	5.9	ug/Kg	06/07/10		R/J	SW8260
trans-1,3-Dichloropropene	ND	5.9	ug/Kg	06/07/10		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	12	ug/Kg	06/07/10		R/J	SW8260
Trichloroethene	ND	5.9	ug/Kg	06/07/10		R/J	SW8260
Trichlorofluoromethane	ND	5.9	ug/Kg	06/07/10		R/J	SW8260
Trichlorotrifluoroethane	ND	5.9	ug/Kg	06/07/10		R/J	SW8260
Vinyl chloride	ND	5.9	ug/Kg	06/07/10		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	99		%	06/07/10		R/J	SW8260
% Bromofluorobenzene	88		%	06/07/10		R/J	SW8260
% Dibromofluoromethane	107		%	06/07/10		R/J	SW8260
% Toluene-d8	91		%	06/07/10		R/J	SW8260
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	11	mg/Kg	06/07/10		KCA	CT ETPH/8015
Identification	ND		mg/Kg	06/07/10		KCA	CT ETPH/8015
QA/QC Surrogates							
% n-Pentacosane	49		%	06/07/10		KCA	CT ETPH/8015
Polychlorinated Biphenyls							
PCB-1016	ND	380	ug/Kg	06/04/10		MH	SW 8082
PCB-1221	ND	380	ug/Kg	06/04/10		MH	SW 8082
PCB-1232	ND	380	ug/Kg	06/04/10		MH	SW 8082
PCB-1242	ND	380	ug/Kg	06/04/10		MH	SW 8082
PCB-1248	ND	380	ug/Kg	06/04/10		MH	SW 8082
PCB-1254	ND	380	ug/Kg	06/04/10		MH	SW 8082
PCB-1260	ND	380	ug/Kg	06/04/10		MH	SW 8082
PCB-1262	ND	380	ug/Kg	06/04/10		MH	SW 8082
PCB-1268	ND	380	ug/Kg	06/04/10		MH	SW 8082
QA/QC Surrogates							
% DCBP	65		%	06/04/10		MH	SW 8082
% TCMX	80		%	06/04/10		MH	SW 8082
Polynuclear Aromatic HC							
2-Methylnaphthalene	ND	270	ug/Kg	06/04/10		HM	SW 8270
Acenaphthene	ND	270	ug/Kg	06/04/10		HM	SW 8270
Acenaphthylene	ND	270	ug/Kg	06/04/10		HM	SW 8270
Anthracene	ND	270	ug/Kg	06/04/10		HM	SW 8270
Benz(a)anthracene	ND	270	ug/Kg	06/04/10		HM	SW 8270
Benzo(a)pyrene	ND	270	ug/Kg	06/04/10		HM	SW 8270
Benzo(b)fluoranthene	ND	270	ug/Kg	06/04/10		HM	SW 8270
Benzo(ghi)perylene	ND	270	ug/Kg	06/04/10		HM	SW 8270
Benzo(k)fluoranthene	ND	270	ug/Kg	06/04/10		HM	SW 8270
Chrysene	ND	270	ug/Kg	06/04/10		HM	SW 8270
Dibenz(a,h)anthracene	ND	270	ug/Kg	06/04/10		HM	SW 8270
Fluoranthene	ND	270	ug/Kg	06/04/10		HM	SW 8270
Fluorene	ND	270	ug/Kg	06/04/10		HM	SW 8270

Project ID: WOLCOTT RTE 69
Client ID: B-4 1.5 - 3.2 FT

Phoenix I.D.: AZ10983

Parameter	Result	RL	Units	Date	Time	By	Reference
Indeno(1,2,3-cd)pyrene	ND	270	ug/Kg	06/04/10		HM	SW 8270
Naphthalene	ND	270	ug/Kg	06/04/10		HM	SW 8270
Phenanthrene	ND	270	ug/Kg	06/04/10		HM	SW 8270
Pyrene	ND	270	ug/Kg	06/04/10		HM	SW 8270
QA/QC Surrogates							
% 2-Fluorobiphenyl	53		%	06/04/10		HM	SW 8270
% Nitrobenzene-d5	63		%	06/04/10		HM	SW 8270
% Terphenyl-d14	62		%	06/04/10		HM	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

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

Phyllis Shiller

Phyllis Shiller, Laboratory Director
June 14, 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

June 14, 2010

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	JC	06/02/10	10:15
Location Code:	DTECHC	Received by:	LB	06/03/10	0:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	09-188-01E				

Laboratory Data

SDG ID: GAZ10978
Phoenix ID: AZ10984

Project ID: WOLCOTT RTE 69

Client ID: B-4 4-6 FT

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.37	0.37	mg/Kg	06/05/10		LK	SW6010
Arsenic	1.9	0.7	mg/Kg	06/05/10		LK	SW6010
Barium	39.1	0.37	mg/Kg	06/05/10		LK	SW6010
Cadmium	< 0.37	0.37	mg/Kg	06/05/10		LK	SW6010
Chromium	13.5	0.37	mg/Kg	06/05/10		LK	SW6010
Mercury	< 0.08	0.08	mg/Kg	06/04/10		RS	SW-7471
Lead	4.80	0.37	mg/Kg	06/05/10		LK	SW6010
Selenium	< 1.5	1.5	mg/Kg	06/05/10		LK	SW6010
Percent Solid	85		%	06/03/10		C / JL	E160.3
Soil Extraction for PCB	Completed			06/03/10		QB/D	SW3545
Soil Extraction SVOA BN	Completed			06/03/10		LS/D	SW3545
Extraction of CT ETPH	Completed			06/03/10		QS/AD	3545
Mercury Digestion	Completed			06/04/10		K	SW7471
Total Metals Digest	Completed			06/03/10		Q/AG	SW846 - 3050
Field Extraction	Completed			06/02/10		JC	SW5035
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.9	ug/Kg	06/05/10		R/J	SW8260
1,1,1-Trichloroethane	ND	5.9	ug/Kg	06/05/10		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	3.5	ug/Kg	06/05/10		R/J	SW8260
1,1,2-Trichloroethane	ND	5.9	ug/Kg	06/05/10		R/J	SW8260
1,1-Dichloroethane	ND	5.9	ug/Kg	06/05/10		R/J	SW8260
1,1-Dichloroethene	ND	5.9	ug/Kg	06/05/10		R/J	SW8260
1,1-Dichloropropene	ND	5.9	ug/Kg	06/05/10		R/J	SW8260
1,2,3-Trichlorobenzene	ND	5.9	ug/Kg	06/05/10		R/J	SW8260
1,2,3-Trichloropropane	ND	5.9	ug/Kg	06/05/10		R/J	SW8260
1,2,4-Trichlorobenzene	ND	5.9	ug/Kg	06/05/10		R/J	SW8260
1,2,4-Trimethylbenzene	ND	5.9	ug/Kg	06/05/10		R/J	SW8260

Project ID: WOLCOTT RTE 69
Client ID: B-4 4-6 FT

Phoenix I.D.: AZ10984

Parameter	Result	RL	Units	Date	Time	By	Reference
1,2-Dibromo-3-chloropropane	ND	5.9	ug/Kg	06/05/10		R/J	SW8260
1,2-Dichlorobenzene	ND	5.9	ug/Kg	06/05/10		R/J	SW8260
1,2-Dichloroethane	ND	5.9	ug/Kg	06/05/10		R/J	SW8260
1,2-Dichloropropane	ND	5.9	ug/Kg	06/05/10		R/J	SW8260
1,3,5-Trimethylbenzene	ND	5.9	ug/Kg	06/05/10		R/J	SW8260
1,3-Dichlorobenzene	ND	5.9	ug/Kg	06/05/10		R/J	SW8260
1,3-Dichloropropane	ND	5.9	ug/Kg	06/05/10		R/J	SW8260
1,4-Dichlorobenzene	ND	5.9	ug/Kg	06/05/10		R/J	SW8260
2,2-Dichloropropane	ND	5.9	ug/Kg	06/05/10		R/J	SW8260
2-Chlorotoluene	ND	5.9	ug/Kg	06/05/10		R/J	SW8260
2-Hexanone	ND	29	ug/Kg	06/05/10		R/J	SW8260
2-Isopropyltoluene	ND	5.9	ug/Kg	06/05/10		R/J	SW8260
4-Chlorotoluene	ND	5.9	ug/Kg	06/05/10		R/J	SW8260
4-Methyl-2-pentanone	ND	29	ug/Kg	06/05/10		R/J	SW8260
Acetone	ND	120	ug/Kg	06/05/10		R/J	SW8260
Acrylonitrile	ND	5.9	ug/Kg	06/05/10		R/J	SW8260
Benzene	ND	5.9	ug/Kg	06/05/10		R/J	SW8260
Bromobenzene	ND	5.9	ug/Kg	06/05/10		R/J	SW8260
Bromochloromethane	ND	5.9	ug/Kg	06/05/10		R/J	SW8260
Bromodichloromethane	ND	5.9	ug/Kg	06/05/10		R/J	SW8260
Bromoform	ND	5.9	ug/Kg	06/05/10		R/J	SW8260
Bromomethane	ND	5.9	ug/Kg	06/05/10		R/J	SW8260
Carbon Disulfide	ND	5.9	ug/Kg	06/05/10		R/J	SW8260
Carbon tetrachloride	ND	5.9	ug/Kg	06/05/10		R/J	SW8260
Chlorobenzene	ND	5.9	ug/Kg	06/05/10		R/J	SW8260
Chloroethane	ND	5.9	ug/Kg	06/05/10		R/J	SW8260
Chloroform	ND	5.9	ug/Kg	06/05/10		R/J	SW8260
Chloromethane	ND	5.9	ug/Kg	06/05/10		R/J	SW8260
cis-1,2-Dichloroethene	ND	5.9	ug/Kg	06/05/10		R/J	SW8260
cis-1,3-Dichloropropene	ND	5.9	ug/Kg	06/05/10		R/J	SW8260
Dibromochloromethane	ND	3.5	ug/Kg	06/05/10		R/J	SW8260
Dibromoethane	ND	5.9	ug/Kg	06/05/10		R/J	SW8260
Dibromomethane	ND	5.9	ug/Kg	06/05/10		R/J	SW8260
Dichlorodifluoromethane	ND	5.9	ug/Kg	06/05/10		R/J	SW8260
Ethylbenzene	ND	5.9	ug/Kg	06/05/10		R/J	SW8260
Hexachlorobutadiene	ND	5.9	ug/Kg	06/05/10		R/J	SW8260
Isopropylbenzene	ND	5.9	ug/Kg	06/05/10		R/J	SW8260
m&p-Xylene	ND	5.9	ug/Kg	06/05/10		R/J	SW8260
Methyl Ethyl Ketone	ND	35	ug/Kg	06/05/10		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	12	ug/Kg	06/05/10		R/J	SW8260
Methylene chloride	ND	5.9	ug/Kg	06/05/10		R/J	SW8260
Naphthalene	ND	5.9	ug/Kg	06/05/10		R/J	SW8260
n-Butylbenzene	ND	5.9	ug/Kg	06/05/10		R/J	SW8260
n-Propylbenzene	ND	5.9	ug/Kg	06/05/10		R/J	SW8260
o-Xylene	ND	5.9	ug/Kg	06/05/10		R/J	SW8260
p-Isopropyltoluene	ND	5.9	ug/Kg	06/05/10		R/J	SW8260
sec-Butylbenzene	ND	5.9	ug/Kg	06/05/10		R/J	SW8260
Styrene	ND	5.9	ug/Kg	06/05/10		R/J	SW8260
tert-Butylbenzene	ND	5.9	ug/Kg	06/05/10		R/J	SW8260
Tetrachloroethene	ND	5.9	ug/Kg	06/05/10		R/J	SW8260

Project ID: WOLCOTT RTE 69
Client ID: B-4 4-6 FT

Phoenix I.D.: AZ10984

Parameter	Result	RL	Units	Date	Time	By	Reference
Tetrahydrofuran (THF)	ND	12	ug/Kg	06/05/10		R/J	SW8260
Toluene	ND	5.9	ug/Kg	06/05/10		R/J	SW8260
Total Xylenes	ND	5.9	ug/Kg	06/05/10		R/J	SW8260
trans-1,2-Dichloroethene	ND	5.9	ug/Kg	06/05/10		R/J	SW8260
trans-1,3-Dichloropropene	ND	5.9	ug/Kg	06/05/10		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	12	ug/Kg	06/05/10		R/J	SW8260
Trichloroethene	ND	5.9	ug/Kg	06/05/10		R/J	SW8260
Trichlorofluoromethane	ND	5.9	ug/Kg	06/05/10		R/J	SW8260
Trichlorotrifluoroethane	ND	5.9	ug/Kg	06/05/10		R/J	SW8260
Vinyl chloride	ND	5.9	ug/Kg	06/05/10		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	100		%	06/05/10		R/J	SW8260
% Bromofluorobenzene	92		%	06/05/10		R/J	SW8260
% Dibromofluoromethane	104		%	06/05/10		R/J	SW8260
% Toluene-d8	97		%	06/05/10		R/J	SW8260
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	12	mg/Kg	06/07/10		KCA	CT ETPH/8015
Identification	ND		mg/Kg	06/07/10		KCA	CT ETPH/8015
QA/QC Surrogates							
% n-Pentacosane	60		%	06/07/10		KCA	CT ETPH/8015
Polychlorinated Biphenyls							
PCB-1016	ND	380	ug/Kg	06/04/10		MH	SW 8082
PCB-1221	ND	380	ug/Kg	06/04/10		MH	SW 8082
PCB-1232	ND	380	ug/Kg	06/04/10		MH	SW 8082
PCB-1242	ND	380	ug/Kg	06/04/10		MH	SW 8082
PCB-1248	ND	380	ug/Kg	06/04/10		MH	SW 8082
PCB-1254	ND	380	ug/Kg	06/04/10		MH	SW 8082
PCB-1260	ND	380	ug/Kg	06/04/10		MH	SW 8082
PCB-1262	ND	380	ug/Kg	06/04/10		MH	SW 8082
PCB-1268	ND	380	ug/Kg	06/04/10		MH	SW 8082
QA/QC Surrogates							
% DCBP	73		%	06/04/10		MH	SW 8082
% TCMX	86		%	06/04/10		MH	SW 8082
Polynuclear Aromatic HC							
2-Methylnaphthalene	ND	270	ug/Kg	06/04/10		HM	SW 8270
Acenaphthene	ND	270	ug/Kg	06/04/10		HM	SW 8270
Acenaphthylene	ND	270	ug/Kg	06/04/10		HM	SW 8270
Anthracene	ND	270	ug/Kg	06/04/10		HM	SW 8270
Benz(a)anthracene	ND	270	ug/Kg	06/04/10		HM	SW 8270
Benzo(a)pyrene	ND	270	ug/Kg	06/04/10		HM	SW 8270
Benzo(b)fluoranthene	ND	270	ug/Kg	06/04/10		HM	SW 8270
Benzo(ghi)perylene	ND	270	ug/Kg	06/04/10		HM	SW 8270
Benzo(k)fluoranthene	ND	270	ug/Kg	06/04/10		HM	SW 8270
Chrysene	ND	270	ug/Kg	06/04/10		HM	SW 8270
Dibenz(a,h)anthracene	ND	270	ug/Kg	06/04/10		HM	SW 8270
Fluoranthene	ND	270	ug/Kg	06/04/10		HM	SW 8270
Fluorene	ND	270	ug/Kg	06/04/10		HM	SW 8270

Project ID: WOLCOTT RTE 69 **Phoenix I.D.:** AZ10984
Client ID: B-4 4-6 FT

Parameter	Result	RL	Units	Date	Time	By	Reference
Indeno(1,2,3-cd)pyrene	ND	270	ug/Kg	06/04/10		HM	SW 8270
Naphthalene	ND	270	ug/Kg	06/04/10		HM	SW 8270
Phenanthrene	ND	270	ug/Kg	06/04/10		HM	SW 8270
Pyrene	ND	270	ug/Kg	06/04/10		HM	SW 8270
QA/QC Surrogates							
% 2-Fluorobiphenyl	63		%	06/04/10		HM	SW 8270
% Nitrobenzene-d5	69		%	06/04/10		HM	SW 8270
% Terphenyl-d14	65		%	06/04/10		HM	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

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

Phyllis Shiller

Phyllis Shiller, Laboratory Director
June 14, 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

June 14, 2010

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	JC	06/02/10	11:30
Location Code:	DTECHC	Received by:	LB	06/03/10	0:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	09-188-01E				

Laboratory Data

SDG ID: GAZ10978
Phoenix ID: AZ10985

Project ID: WOLCOTT RTE 69

Client ID: B-5 2-3.6 FT

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.35	0.35	mg/Kg	06/05/10		LK	SW6010
Arsenic	2.4	0.7	mg/Kg	06/05/10		LK	SW6010
Barium	43.1	0.35	mg/Kg	06/05/10		LK	SW6010
Cadmium	< 0.35	0.35	mg/Kg	06/05/10		LK	SW6010
Chromium	30.2	0.35	mg/Kg	06/05/10		LK	SW6010
Mercury	< 0.07	0.07	mg/Kg	06/04/10		RS	SW-7471
Lead	4.00	0.35	mg/Kg	06/05/10		LK	SW6010
Selenium	< 1.4	1.4	mg/Kg	06/05/10		LK	SW6010
Percent Solid	88		%	06/03/10		C / JL	E160.3
Soil Extraction for PCB	Completed			06/03/10		QB/D	SW3545
Soil Extraction SVOA BN	Completed			06/03/10		LS/D	SW3545
Extraction of CT ETPH	Completed			06/03/10		QS/AD	3545
Mercury Digestion	Completed			06/04/10		K	SW7471
Total Metals Digest	Completed			06/03/10		Q/AG	SW846 - 3050
Field Extraction	Completed			06/02/10		JC	SW5035
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
1,1,1-Trichloroethane	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	3.4	ug/Kg	06/05/10		R/J	SW8260
1,1,2-Trichloroethane	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
1,1-Dichloroethane	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
1,1-Dichloroethene	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
1,1-Dichloropropene	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
1,2,3-Trichlorobenzene	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
1,2,3-Trichloropropane	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
1,2,4-Trichlorobenzene	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
1,2,4-Trimethylbenzene	ND	5.7	ug/Kg	06/05/10		R/J	SW8260

Project ID: WOLCOTT RTE 69
Client ID: B-5 2-3.6 FT

Phoenix I.D.: AZ10985

Parameter	Result	RL	Units	Date	Time	By	Reference
1,2-Dibromo-3-chloropropane	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
1,2-Dichlorobenzene	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
1,2-Dichloroethane	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
1,2-Dichloropropane	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
1,3,5-Trimethylbenzene	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
1,3-Dichlorobenzene	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
1,3-Dichloropropane	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
1,4-Dichlorobenzene	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
2,2-Dichloropropane	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
2-Chlorotoluene	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
2-Hexanone	ND	28	ug/Kg	06/05/10		R/J	SW8260
2-Isopropyltoluene	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
4-Chlorotoluene	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
4-Methyl-2-pentanone	ND	28	ug/Kg	06/05/10		R/J	SW8260
Acetone	ND	110	ug/Kg	06/05/10		R/J	SW8260
Acrylonitrile	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
Benzene	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
Bromobenzene	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
Bromochloromethane	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
Bromodichloromethane	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
Bromoform	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
Bromomethane	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
Carbon Disulfide	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
Carbon tetrachloride	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
Chlorobenzene	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
Chloroethane	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
Chloroform	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
Chloromethane	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
cis-1,2-Dichloroethene	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
cis-1,3-Dichloropropene	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
Dibromochloromethane	ND	3.4	ug/Kg	06/05/10		R/J	SW8260
Dibromoethane	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
Dibromomethane	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
Dichlorodifluoromethane	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
Ethylbenzene	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
Hexachlorobutadiene	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
Isopropylbenzene	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
m&p-Xylene	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
Methyl Ethyl Ketone	ND	34	ug/Kg	06/05/10		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	06/05/10		R/J	SW8260
Methylene chloride	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
Naphthalene	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
n-Butylbenzene	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
n-Propylbenzene	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
o-Xylene	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
p-Isopropyltoluene	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
sec-Butylbenzene	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
Styrene	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
tert-Butylbenzene	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
Tetrachloroethene	ND	5.7	ug/Kg	06/05/10		R/J	SW8260

Project ID: WOLCOTT RTE 69
Client ID: B-5 2-3.6 FT

Phoenix I.D.: AZ10985

Parameter	Result	RL	Units	Date	Time	By	Reference
Tetrahydrofuran (THF)	ND	11	ug/Kg	06/05/10		R/J	SW8260
Toluene	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
Total Xylenes	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
trans-1,2-Dichloroethene	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
trans-1,3-Dichloropropene	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	06/05/10		R/J	SW8260
Trichloroethene	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
Trichlorofluoromethane	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
Trichlorotrifluoroethane	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
Vinyl chloride	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	100		%	06/05/10		R/J	SW8260
% Bromofluorobenzene	92		%	06/05/10		R/J	SW8260
% Dibromofluoromethane	108		%	06/05/10		R/J	SW8260
% Toluene-d8	95		%	06/05/10		R/J	SW8260
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	11	mg/Kg	06/07/10		KCA	CT ETPH/8015
Identification	ND		mg/Kg	06/07/10		KCA	CT ETPH/8015
QA/QC Surrogates							
% n-Pentacosane	56		%	06/07/10		KCA	CT ETPH/8015
Polychlorinated Biphenyls							
PCB-1016	ND	370	ug/Kg	06/04/10		MH	SW 8082
PCB-1221	ND	370	ug/Kg	06/04/10		MH	SW 8082
PCB-1232	ND	370	ug/Kg	06/04/10		MH	SW 8082
PCB-1242	ND	370	ug/Kg	06/04/10		MH	SW 8082
PCB-1248	ND	370	ug/Kg	06/04/10		MH	SW 8082
PCB-1254	ND	370	ug/Kg	06/04/10		MH	SW 8082
PCB-1260	ND	370	ug/Kg	06/04/10		MH	SW 8082
PCB-1262	ND	370	ug/Kg	06/04/10		MH	SW 8082
PCB-1268	ND	370	ug/Kg	06/04/10		MH	SW 8082
QA/QC Surrogates							
% DCBP	66		%	06/04/10		MH	SW 8082
% TCMX	85		%	06/04/10		MH	SW 8082
Polynuclear Aromatic HC							
2-Methylnaphthalene	ND	260	ug/Kg	06/04/10		HM	SW 8270
Acenaphthene	ND	260	ug/Kg	06/04/10		HM	SW 8270
Acenaphthylene	ND	260	ug/Kg	06/04/10		HM	SW 8270
Anthracene	ND	260	ug/Kg	06/04/10		HM	SW 8270
Benz(a)anthracene	ND	260	ug/Kg	06/04/10		HM	SW 8270
Benzo(a)pyrene	ND	260	ug/Kg	06/04/10		HM	SW 8270
Benzo(b)fluoranthene	ND	260	ug/Kg	06/04/10		HM	SW 8270
Benzo(ghi)perylene	ND	260	ug/Kg	06/04/10		HM	SW 8270
Benzo(k)fluoranthene	ND	260	ug/Kg	06/04/10		HM	SW 8270
Chrysene	ND	260	ug/Kg	06/04/10		HM	SW 8270
Dibenz(a,h)anthracene	ND	260	ug/Kg	06/04/10		HM	SW 8270
Fluoranthene	ND	260	ug/Kg	06/04/10		HM	SW 8270
Fluorene	ND	260	ug/Kg	06/04/10		HM	SW 8270

Project ID: WOLCOTT RTE 69
Client ID: B-5 2-3.6 FT

Phoenix I.D.: AZ10985

Parameter	Result	RL	Units	Date	Time	By	Reference
Indeno(1,2,3-cd)pyrene	ND	260	ug/Kg	06/04/10		HM	SW 8270
Naphthalene	ND	260	ug/Kg	06/04/10		HM	SW 8270
Phenanthrene	ND	260	ug/Kg	06/04/10		HM	SW 8270
Pyrene	ND	260	ug/Kg	06/04/10		HM	SW 8270
QA/QC Surrogates							
% 2-Fluorobiphenyl	66		%	06/04/10		HM	SW 8270
% Nitrobenzene-d5	68		%	06/04/10		HM	SW 8270
% Terphenyl-d14	66		%	06/04/10		HM	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

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

Phyllis Shiller, Laboratory Director
June 14, 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

June 14, 2010

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	JC	06/02/10	11:40
Location Code:	DTECHC	Received by:	LB	06/03/10	0:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	09-188-01E				

Laboratory Data

SDG ID: GAZ10978
Phoenix ID: AZ10986

Project ID: WOLCOTT RTE 69

Client ID: B-5 4-5 FT

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	94		%	06/03/10		C / JL	E160.3
Soil Extraction for PCB	Completed					QB/D	SW3545
Soil Extraction SVOA BN	Completed					LS/D	SW3545
Extraction of CT ETPH	Completed					QS/AD	3545
Field Extraction	Completed			06/02/10		JC	SW5035
Volatiles							
1,1,1,2-Tetrachloroethane	ND	4.8	ug/Kg	06/05/10		R/J	SW8260
1,1,1-Trichloroethane	ND	4.8	ug/Kg	06/05/10		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	2.9	ug/Kg	06/05/10		R/J	SW8260
1,1,2-Trichloroethane	ND	4.8	ug/Kg	06/05/10		R/J	SW8260
1,1-Dichloroethane	ND	4.8	ug/Kg	06/05/10		R/J	SW8260
1,1-Dichloroethene	ND	4.8	ug/Kg	06/05/10		R/J	SW8260
1,1-Dichloropropene	ND	4.8	ug/Kg	06/05/10		R/J	SW8260
1,2,3-Trichlorobenzene	ND	4.8	ug/Kg	06/05/10		R/J	SW8260
1,2,3-Trichloropropane	ND	4.8	ug/Kg	06/05/10		R/J	SW8260
1,2,4-Trichlorobenzene	ND	4.8	ug/Kg	06/05/10		R/J	SW8260
1,2,4-Trimethylbenzene	ND	4.8	ug/Kg	06/05/10		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	4.8	ug/Kg	06/05/10		R/J	SW8260
1,2-Dichlorobenzene	ND	4.8	ug/Kg	06/05/10		R/J	SW8260
1,2-Dichloroethane	ND	4.8	ug/Kg	06/05/10		R/J	SW8260
1,2-Dichloropropane	ND	4.8	ug/Kg	06/05/10		R/J	SW8260
1,3,5-Trimethylbenzene	ND	4.8	ug/Kg	06/05/10		R/J	SW8260
1,3-Dichlorobenzene	ND	4.8	ug/Kg	06/05/10		R/J	SW8260
1,3-Dichloropropane	ND	4.8	ug/Kg	06/05/10		R/J	SW8260
1,4-Dichlorobenzene	ND	4.8	ug/Kg	06/05/10		R/J	SW8260
2,2-Dichloropropane	ND	4.8	ug/Kg	06/05/10		R/J	SW8260
2-Chlorotoluene	ND	4.8	ug/Kg	06/05/10		R/J	SW8260

Project ID: WOLCOTT RTE 69 **Phoenix I.D.:** AZ10986
Client ID: B-5 4-5 FT

Parameter	Result	RL	Units	Date	Time	By	Reference
2-Hexanone	ND	24	ug/Kg	06/05/10		R/J	SW8260
2-Isopropyltoluene	ND	4.8	ug/Kg	06/05/10		R/J	SW8260
4-Chlorotoluene	ND	4.8	ug/Kg	06/05/10		R/J	SW8260
4-Methyl-2-pentanone	ND	24	ug/Kg	06/05/10		R/J	SW8260
Acetone	ND	97	ug/Kg	06/05/10		R/J	SW8260
Acrylonitrile	ND	4.8	ug/Kg	06/05/10		R/J	SW8260
Benzene	ND	4.8	ug/Kg	06/05/10		R/J	SW8260
Bromobenzene	ND	4.8	ug/Kg	06/05/10		R/J	SW8260
Bromochloromethane	ND	4.8	ug/Kg	06/05/10		R/J	SW8260
Bromodichloromethane	ND	4.8	ug/Kg	06/05/10		R/J	SW8260
Bromoform	ND	4.8	ug/Kg	06/05/10		R/J	SW8260
Bromomethane	ND	4.8	ug/Kg	06/05/10		R/J	SW8260
Carbon Disulfide	ND	4.8	ug/Kg	06/05/10		R/J	SW8260
Carbon tetrachloride	ND	4.8	ug/Kg	06/05/10		R/J	SW8260
Chlorobenzene	ND	4.8	ug/Kg	06/05/10		R/J	SW8260
Chloroethane	ND	4.8	ug/Kg	06/05/10		R/J	SW8260
Chloroform	ND	4.8	ug/Kg	06/05/10		R/J	SW8260
Chloromethane	ND	4.8	ug/Kg	06/05/10		R/J	SW8260
cis-1,2-Dichloroethene	ND	4.8	ug/Kg	06/05/10		R/J	SW8260
cis-1,3-Dichloropropene	ND	4.8	ug/Kg	06/05/10		R/J	SW8260
Dibromochloromethane	ND	2.9	ug/Kg	06/05/10		R/J	SW8260
Dibromoethane	ND	4.8	ug/Kg	06/05/10		R/J	SW8260
Dibromomethane	ND	4.8	ug/Kg	06/05/10		R/J	SW8260
Dichlorodifluoromethane	ND	4.8	ug/Kg	06/05/10		R/J	SW8260
Ethylbenzene	ND	4.8	ug/Kg	06/05/10		R/J	SW8260
Hexachlorobutadiene	ND	4.8	ug/Kg	06/05/10		R/J	SW8260
Isopropylbenzene	ND	4.8	ug/Kg	06/05/10		R/J	SW8260
m&p-Xylene	ND	4.8	ug/Kg	06/05/10		R/J	SW8260
Methyl Ethyl Ketone	ND	29	ug/Kg	06/05/10		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	9.7	ug/Kg	06/05/10		R/J	SW8260
Methylene chloride	ND	4.8	ug/Kg	06/05/10		R/J	SW8260
Naphthalene	ND	4.8	ug/Kg	06/05/10		R/J	SW8260
n-Butylbenzene	ND	4.8	ug/Kg	06/05/10		R/J	SW8260
n-Propylbenzene	ND	4.8	ug/Kg	06/05/10		R/J	SW8260
o-Xylene	ND	4.8	ug/Kg	06/05/10		R/J	SW8260
p-Isopropyltoluene	ND	4.8	ug/Kg	06/05/10		R/J	SW8260
sec-Butylbenzene	ND	4.8	ug/Kg	06/05/10		R/J	SW8260
Styrene	ND	4.8	ug/Kg	06/05/10		R/J	SW8260
tert-Butylbenzene	ND	4.8	ug/Kg	06/05/10		R/J	SW8260
Tetrachloroethene	ND	4.8	ug/Kg	06/05/10		R/J	SW8260
Tetrahydrofuran (THF)	ND	9.7	ug/Kg	06/05/10		R/J	SW8260
Toluene	ND	4.8	ug/Kg	06/05/10		R/J	SW8260
Total Xylenes	ND	4.8	ug/Kg	06/05/10		R/J	SW8260
trans-1,2-Dichloroethene	ND	4.8	ug/Kg	06/05/10		R/J	SW8260
trans-1,3-Dichloropropene	ND	4.8	ug/Kg	06/05/10		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	9.7	ug/Kg	06/05/10		R/J	SW8260
Trichloroethene	ND	4.8	ug/Kg	06/05/10		R/J	SW8260
Trichlorofluoromethane	ND	4.8	ug/Kg	06/05/10		R/J	SW8260
Trichlorotrifluoroethane	ND	4.8	ug/Kg	06/05/10		R/J	SW8260
Vinyl chloride	ND	4.8	ug/Kg	06/05/10		R/J	SW8260

Project ID: WOLCOTT RTE 69
Client ID: B-5 4-5 FT

Phoenix I.D.: AZ10986

Parameter	Result	RL	Units	Date	Time	By	Reference
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	101		%	06/05/10		R/J	SW8260
% Bromofluorobenzene	95		%	06/05/10		R/J	SW8260
% Dibromofluoromethane	106		%	06/05/10		R/J	SW8260
% Toluene-d8	97		%	06/05/10		R/J	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

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

Phyllis Shiller

Phyllis Shiller, Laboratory Director
June 14, 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

June 14, 2010

FOR: Attn: Mr. Paul Dalakas
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:	JC	06/02/10	9:45
Location Code:	DTECHC	Received by:	LB	06/03/10	0:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	09-188-01E				

Laboratory Data

SDG ID: GAZ10978
Phoenix ID: AZ10987

Project ID: WOLCOTT RTE 69

Client ID: B-2

Parameter	Result	RL	Units	Date	Time	By	Reference
Extraction of CT ETPH	Completed			06/04/10		O/E	3510/3520
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	06/04/10		R/J	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	06/04/10		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	06/04/10		R/J	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	06/04/10		R/J	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	06/04/10		R/J	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	06/04/10		R/J	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	06/04/10		R/J	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	06/04/10		R/J	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	06/04/10		R/J	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	06/04/10		R/J	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	06/04/10		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	06/04/10		R/J	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	06/04/10		R/J	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	06/04/10		R/J	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	06/04/10		R/J	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	06/04/10		R/J	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	06/04/10		R/J	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	06/04/10		R/J	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	06/04/10		R/J	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	06/04/10		R/J	SW8260
2-Chlorotoluene	ND	1.0	ug/L	06/04/10		R/J	SW8260
2-Hexanone	ND	5.0	ug/L	06/04/10		R/J	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	06/04/10		R/J	SW8260
4-Chlorotoluene	ND	1.0	ug/L	06/04/10		R/J	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	06/04/10		R/J	SW8260

Project ID: WOLCOTT RTE 69 Phoenix I.D.: AZ10987
Client ID: B-2

Parameter	Result	RL	Units	Date	Time	By	Reference
Acetone	ND	25	ug/L	06/04/10		R/J	SW8260
Acrylonitrile	ND	5.0	ug/L	06/04/10		R/J	SW8260
Benzene	ND	1.0	ug/L	06/04/10		R/J	SW8260
Bromobenzene	ND	1.0	ug/L	06/04/10		R/J	SW8260
Bromochloromethane	ND	1.0	ug/L	06/04/10		R/J	SW8260
Bromodichloromethane	ND	0.50	ug/L	06/04/10		R/J	SW8260
Bromoform	ND	1.0	ug/L	06/04/10		R/J	SW8260
Bromomethane	ND	1.0	ug/L	06/04/10		R/J	SW8260
Carbon Disulfide	ND	5.0	ug/L	06/04/10		R/J	SW8260
Carbon tetrachloride	ND	1.0	ug/L	06/04/10		R/J	SW8260
Chlorobenzene	ND	1.0	ug/L	06/04/10		R/J	SW8260
Chloroethane	ND	1.0	ug/L	06/04/10		R/J	SW8260
Chloroform	ND	1.0	ug/L	06/04/10		R/J	SW8260
Chloromethane	ND	1.0	ug/L	06/04/10		R/J	SW8260
cis-1,2-Dichloroethene	ND	1.0	ug/L	06/04/10		R/J	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	06/04/10		R/J	SW8260
Dibromochloromethane	ND	0.50	ug/L	06/04/10		R/J	SW8260
Dibromoethane	ND	1.0	ug/L	06/04/10		R/J	SW8260
Dibromomethane	ND	1.0	ug/L	06/04/10		R/J	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	06/04/10		R/J	SW8260
Ethylbenzene	ND	1.0	ug/L	06/04/10		R/J	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	06/04/10		R/J	SW8260
Isopropylbenzene	ND	1.0	ug/L	06/04/10		R/J	SW8260
m&p-Xylene	2.0	1.0	ug/L	06/04/10		R/J	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	06/04/10		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	06/04/10		R/J	SW8260
Methylene chloride	ND	1.0	ug/L	06/04/10		R/J	SW8260
Naphthalene	ND	1.0	ug/L	06/04/10		R/J	SW8260
n-Butylbenzene	ND	1.0	ug/L	06/04/10		R/J	SW8260
n-Propylbenzene	ND	1.0	ug/L	06/04/10		R/J	SW8260
o-Xylene	ND	1.0	ug/L	06/04/10		R/J	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	06/04/10		R/J	SW8260
sec-Butylbenzene	ND	1.0	ug/L	06/04/10		R/J	SW8260
Styrene	ND	1.0	ug/L	06/04/10		R/J	SW8260
tert-Butylbenzene	ND	1.0	ug/L	06/04/10		R/J	SW8260
Tetrachloroethene	ND	1.0	ug/L	06/04/10		R/J	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	06/04/10		R/J	SW8260
Toluene	3.4	1.0	ug/L	06/04/10		R/J	SW8260
Total Xylenes	2	1.0	ug/L	06/04/10		R/J	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	06/04/10		R/J	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	06/04/10		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	06/04/10		R/J	SW8260
Trichloroethene	ND	1.0	ug/L	06/04/10		R/J	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	06/04/10		R/J	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	06/04/10		R/J	SW8260
Vinyl chloride	ND	1.0	ug/L	06/04/10		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	102		%	06/04/10		R/J	SW8260
% Bromofluorobenzene	94		%	06/04/10		R/J	SW8260
% Dibromofluoromethane	109		%	06/04/10		R/J	SW8260

Project ID: WOLCOTT RTE 69
Client ID: B-2

Phoenix I.D.: AZ10987

Parameter	Result	RL	Units	Date	Time	By	Reference
% Toluene-d8	103		%	06/04/10		R/J	SW8260
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	0.088	mg/L	06/08/10		KCA	CT ETPH
Identification	ND		mg/L	06/08/10		KCA	CT ETPH
QA/QC Surrogates							
% n-Pentacosane	18		%	06/08/10		KCA	CT ETPH

Comments:

* Poor surrogate recovery was observed for ETPH and there was insufficient sample for re-extraction.

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
June 14, 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

June 14, 2010

FOR: Attn: Mr. Paul Dalakas
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:	JC	06/02/10	8:45
Location Code:	DTECHC	Received by:	LB	06/03/10	0:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	09-188-01E				

Laboratory Data

SDG ID: GAZ10978
Phoenix ID: AZ10988

Project ID: WOLCOTT RTE 69

Client ID: B-3

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver (Dissolved)	< 0.001	0.001	mg/L	06/08/10		LK	6010/200.7
Arsenic (Dissolved)	< 0.004	0.004	mg/L	06/08/10		LK	6010/200.7
Barium (Dissolved)	0.033	0.002	mg/L	06/08/10		LK	6010/200.7
Cadmium (Dissolved)	< 0.001	0.001	mg/L	06/08/10		LK	6010/200.7
Chromium (Dissolved)	0.003	0.001	mg/L	06/08/10		LK	6010/200.7
Mercury (Dissolved)	< 0.0002	0.0002	mg/L	06/07/10		RS	7470/E245.1
Lead (Dissolved)	0.008	0.002	mg/L	06/08/10		LK	6010/200.7
Selenium (Dissolved)	< 0.011	0.011	mg/L	06/08/10		LK	6010/200.7
Extraction of CT ETPH	Completed			06/04/10		O/E	3510/3520
Filtration	Completed			06/07/10		AG	0.45um Filter
Dissolved Mercury Digestion	Completed			06/07/10		D	SW7470
PCB Extraction	Completed			06/07/10		O/O	SW3510/3520
Semi-Volatile Extraction	Completed			06/04/10		O/E	SW3510/3520
Dissolved Metals Preparation	Completed			06/07/10		AG	SW846-3005
Semivolatiles by SIM							
2-Methylnaphthalene	ND	5	ug/L	06/08/10		HM	8270(SIM)
Acenaphthene	ND	5	ug/L	06/08/10		HM	8270(SIM)
Acenaphthylene	ND	0.3	ug/L	06/08/10		HM	8270(SIM)
Anthracene	ND	5	ug/L	06/08/10		HM	8270(SIM)
Benz(a)anthracene	ND	0.06	ug/L	06/08/10		HM	8270(SIM)
Benzo(a)pyrene	ND	0.2	ug/L	06/08/10		HM	8270(SIM)
Benzo(b)fluoranthene	ND	0.08	ug/L	06/08/10		HM	8270(SIM)
Benzo(ghi)perylene	ND	4	ug/L	06/08/10		HM	8270(SIM)
Benzo(k)fluoranthene	ND	0.3	ug/L	06/08/10		HM	8270(SIM)
Chrysene	ND	2	ug/L	06/08/10		HM	8270(SIM)
Dibenz(a,h)anthracene	ND	0.2	ug/L	06/08/10		HM	8270(SIM)
Fluoranthene	ND	5	ug/L	06/08/10		HM	8270(SIM)

Project ID: WOLCOTT RTE 69
Client ID: B-3

Phoenix I.D.: AZ10988

Parameter	Result	RL	Units	Date	Time	By	Reference
Fluorene	ND	5	ug/L	06/08/10		HM	8270(SIM)
Indeno(1,2,3-cd)pyrene	ND	0.2	ug/L	06/08/10		HM	8270(SIM)
Naphthalene	ND	5	ug/L	06/08/10		HM	8270(SIM)
Phenanthrene	ND	0.07	ug/L	06/08/10		HM	8270(SIM)
Pyrene	ND	5	ug/L	06/08/10		HM	8270(SIM)
QA/QC Surrogates							
% 2-Fluorobiphenyl	76		%	06/08/10		HM	8270(SIM)
% Nitrobenzene-d5	80		%	06/08/10		HM	8270(SIM)
% Terphenyl-d14	80		%	06/08/10		HM	8270(SIM)
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	06/04/10		R/J	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	06/04/10		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	06/04/10		R/J	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	06/04/10		R/J	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	06/04/10		R/J	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	06/04/10		R/J	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	06/04/10		R/J	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	06/04/10		R/J	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	06/04/10		R/J	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	06/04/10		R/J	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	06/04/10		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	06/04/10		R/J	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	06/04/10		R/J	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	06/04/10		R/J	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	06/04/10		R/J	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	06/04/10		R/J	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	06/04/10		R/J	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	06/04/10		R/J	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	06/04/10		R/J	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	06/04/10		R/J	SW8260
2-Chlorotoluene	ND	1.0	ug/L	06/04/10		R/J	SW8260
2-Hexanone	ND	5.0	ug/L	06/04/10		R/J	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	06/04/10		R/J	SW8260
4-Chlorotoluene	ND	1.0	ug/L	06/04/10		R/J	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	06/04/10		R/J	SW8260
Acetone	ND	25	ug/L	06/04/10		R/J	SW8260
Acrylonitrile	ND	5.0	ug/L	06/04/10		R/J	SW8260
Benzene	ND	1.0	ug/L	06/04/10		R/J	SW8260
Bromobenzene	ND	1.0	ug/L	06/04/10		R/J	SW8260
Bromochloromethane	ND	1.0	ug/L	06/04/10		R/J	SW8260
Bromodichloromethane	ND	0.50	ug/L	06/04/10		R/J	SW8260
Bromoform	ND	1.0	ug/L	06/04/10		R/J	SW8260
Bromomethane	ND	1.0	ug/L	06/04/10		R/J	SW8260
Carbon Disulfide	ND	5.0	ug/L	06/04/10		R/J	SW8260
Carbon tetrachloride	ND	1.0	ug/L	06/04/10		R/J	SW8260
Chlorobenzene	ND	1.0	ug/L	06/04/10		R/J	SW8260
Chloroethane	ND	1.0	ug/L	06/04/10		R/J	SW8260
Chloroform	ND	1.0	ug/L	06/04/10		R/J	SW8260
Chloromethane	ND	1.0	ug/L	06/04/10		R/J	SW8260

Project ID: WOLCOTT RTE 69
Client ID: B-3

Phoenix I.D.: AZ10988

Parameter	Result	RL	Units	Date	Time	By	Reference
cis-1,2-Dichloroethene	ND	1.0	ug/L	06/04/10		R/J	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	06/04/10		R/J	SW8260
Dibromochloromethane	ND	0.50	ug/L	06/04/10		R/J	SW8260
Dibromoethane	ND	1.0	ug/L	06/04/10		R/J	SW8260
Dibromomethane	ND	1.0	ug/L	06/04/10		R/J	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	06/04/10		R/J	SW8260
Ethylbenzene	ND	1.0	ug/L	06/04/10		R/J	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	06/04/10		R/J	SW8260
Isopropylbenzene	ND	1.0	ug/L	06/04/10		R/J	SW8260
m&p-Xylene	ND	1.0	ug/L	06/04/10		R/J	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	06/04/10		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	06/04/10		R/J	SW8260
Methylene chloride	ND	1.0	ug/L	06/04/10		R/J	SW8260
Naphthalene	ND	1.0	ug/L	06/04/10		R/J	SW8260
n-Butylbenzene	ND	1.0	ug/L	06/04/10		R/J	SW8260
n-Propylbenzene	ND	1.0	ug/L	06/04/10		R/J	SW8260
o-Xylene	ND	1.0	ug/L	06/04/10		R/J	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	06/04/10		R/J	SW8260
sec-Butylbenzene	ND	1.0	ug/L	06/04/10		R/J	SW8260
Styrene	ND	1.0	ug/L	06/04/10		R/J	SW8260
tert-Butylbenzene	ND	1.0	ug/L	06/04/10		R/J	SW8260
Tetrachloroethene	ND	1.0	ug/L	06/04/10		R/J	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	06/04/10		R/J	SW8260
Toluene	ND	1.0	ug/L	06/04/10		R/J	SW8260
Total Xylenes	ND	1.0	ug/L	06/04/10		R/J	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	06/04/10		R/J	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	06/04/10		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	06/04/10		R/J	SW8260
Trichloroethene	ND	1.0	ug/L	06/04/10		R/J	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	06/04/10		R/J	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	06/04/10		R/J	SW8260
Vinyl chloride	ND	1.0	ug/L	06/04/10		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	101		%	06/04/10		R/J	SW8260
% Bromofluorobenzene	95		%	06/04/10		R/J	SW8260
% Dibromofluoromethane	110		%	06/04/10		R/J	SW8260
% Toluene-d8	104		%	06/04/10		R/J	SW8260
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	0.072	mg/L	06/08/10		KCA	CT ETPH
Identification	ND		mg/L	06/08/10		KCA	CT ETPH
QA/QC Surrogates							
% n-Pentacosane	88		%	06/08/10		KCA	CT ETPH
Polychlorinated Biphenyls							
PCB-1016	ND	0.50	ug/L	06/08/10		MH	608/ 8082
PCB-1221	ND	0.50	ug/L	06/08/10		MH	608/ 8082
PCB-1232	ND	0.50	ug/L	06/08/10		MH	608/ 8082
PCB-1242	ND	0.50	ug/L	06/08/10		MH	608/ 8082
PCB-1248	ND	0.50	ug/L	06/08/10		MH	608/ 8082

Project ID: WOLCOTT RTE 69 Phoenix I.D.: AZ10988
Client ID: B-3

Parameter	Result	RL	Units	Date	Time	By	Reference
PCB-1254	ND	0.50	ug/L	06/08/10		MH	608/ 8082
PCB-1260	ND	0.50	ug/L	06/08/10		MH	608/ 8082
PCB-1262	ND	0.50	ug/L	06/08/10		MH	608/ 8082
PCB-1268	ND	0.50	ug/L	06/08/10		MH	608/ 8082
QA/QC Surrogates							
% DCBP	66		%	06/08/10		MH	608/ 8082
% TCMX	95		%	06/08/10		MH	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

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

Phyllis Shiller, Laboratory Director
June 14, 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

June 14, 2010

FOR: Attn: Mr. Paul Dalakas
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:	JC	06/02/10	10:30
Location Code:	DTECHC	Received by:	LB	06/03/10	0:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	09-188-01E				

Laboratory Data

SDG ID: GAZ10978
Phoenix ID: AZ10989

Project ID: WOLCOTT RTE 69

Client ID: B-4

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver (Dissolved)	< 0.001	0.001	mg/L	06/08/10		LK	6010/200.7
Arsenic (Dissolved)	0.013	0.004	mg/L	06/08/10		LK	6010/200.7
Barium (Dissolved)	0.047	0.002	mg/L	06/08/10		LK	6010/200.7
Cadmium (Dissolved)	< 0.001	0.001	mg/L	06/08/10		LK	6010/200.7
Chromium (Dissolved)	< 0.001	0.001	mg/L	06/08/10		LK	6010/200.7
Mercury (Dissolved)	< 0.0002	0.0002	mg/L	06/07/10		RS	7470/E245.1
Lead (Dissolved)	< 0.002	0.002	mg/L	06/08/10		LK	6010/200.7
Selenium (Dissolved)	< 0.011	0.011	mg/L	06/08/10		LK	6010/200.7
Extraction of CT ETPH	Completed			06/04/10		O/E	3510/3520
Filtration	Completed			06/07/10		AG	0.45um Filter
Dissolved Mercury Digestion	Completed			06/07/10		D	SW7470
PCB Extraction	Completed			06/07/10		O/O	SW3510/3520
Semi-Volatile Extraction	Completed			06/04/10		O/E	SW3510/3520
Dissolved Metals Preparation	Completed			06/07/10		AG	SW846-3005
Semivolatiles by SIM							
2-Methylnaphthalene	ND	5	ug/L	06/08/10		HM	8270(SIM)
Acenaphthene	ND	5	ug/L	06/08/10		HM	8270(SIM)
Acenaphthylene	ND	0.3	ug/L	06/08/10		HM	8270(SIM)
Anthracene	ND	5	ug/L	06/08/10		HM	8270(SIM)
Benz(a)anthracene	ND	0.06	ug/L	06/08/10		HM	8270(SIM)
Benzo(a)pyrene	ND	0.2	ug/L	06/08/10		HM	8270(SIM)
Benzo(b)fluoranthene	ND	0.08	ug/L	06/08/10		HM	8270(SIM)
Benzo(ghi)perylene	ND	4	ug/L	06/08/10		HM	8270(SIM)
Benzo(k)fluoranthene	ND	0.3	ug/L	06/08/10		HM	8270(SIM)
Chrysene	ND	2	ug/L	06/08/10		HM	8270(SIM)
Dibenz(a,h)anthracene	ND	0.2	ug/L	06/08/10		HM	8270(SIM)
Fluoranthene	ND	5	ug/L	06/08/10		HM	8270(SIM)

Project ID: WOLCOTT RTE 69
Client ID: B-4

Phoenix I.D.: AZ10989

Parameter	Result	RL	Units	Date	Time	By	Reference
Fluorene	ND	5	ug/L	06/08/10		HM	8270(SIM)
Indeno(1,2,3-cd)pyrene	ND	0.2	ug/L	06/08/10		HM	8270(SIM)
Naphthalene	ND	5	ug/L	06/08/10		HM	8270(SIM)
Phenanthrene	ND	0.07	ug/L	06/08/10		HM	8270(SIM)
Pyrene	ND	5	ug/L	06/08/10		HM	8270(SIM)
QA/QC Surrogates							
% 2-Fluorobiphenyl	69		%	06/08/10		HM	8270(SIM)
% Nitrobenzene-d5	77		%	06/08/10		HM	8270(SIM)
% Terphenyl-d14	73		%	06/08/10		HM	8270(SIM)
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	06/04/10		R/J	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	06/04/10		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	06/04/10		R/J	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	06/04/10		R/J	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	06/04/10		R/J	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	06/04/10		R/J	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	06/04/10		R/J	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	06/04/10		R/J	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	06/04/10		R/J	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	06/04/10		R/J	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	06/04/10		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	06/04/10		R/J	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	06/04/10		R/J	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	06/04/10		R/J	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	06/04/10		R/J	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	06/04/10		R/J	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	06/04/10		R/J	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	06/04/10		R/J	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	06/04/10		R/J	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	06/04/10		R/J	SW8260
2-Chlorotoluene	ND	1.0	ug/L	06/04/10		R/J	SW8260
2-Hexanone	ND	5.0	ug/L	06/04/10		R/J	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	06/04/10		R/J	SW8260
4-Chlorotoluene	ND	1.0	ug/L	06/04/10		R/J	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	06/04/10		R/J	SW8260
Acetone	ND	25	ug/L	06/04/10		R/J	SW8260
Acrylonitrile	ND	5.0	ug/L	06/04/10		R/J	SW8260
Benzene	ND	1.0	ug/L	06/04/10		R/J	SW8260
Bromobenzene	ND	1.0	ug/L	06/04/10		R/J	SW8260
Bromochloromethane	ND	1.0	ug/L	06/04/10		R/J	SW8260
Bromodichloromethane	ND	0.50	ug/L	06/04/10		R/J	SW8260
Bromoform	ND	1.0	ug/L	06/04/10		R/J	SW8260
Bromomethane	ND	1.0	ug/L	06/04/10		R/J	SW8260
Carbon Disulfide	ND	5.0	ug/L	06/04/10		R/J	SW8260
Carbon tetrachloride	ND	1.0	ug/L	06/04/10		R/J	SW8260
Chlorobenzene	1.0	1.0	ug/L	06/04/10		R/J	SW8260
Chloroethane	ND	1.0	ug/L	06/04/10		R/J	SW8260
Chloroform	ND	1.0	ug/L	06/04/10		R/J	SW8260
Chloromethane	ND	1.0	ug/L	06/04/10		R/J	SW8260

Project ID: WOLCOTT RTE 69
Client ID: B-4

Phoenix I.D.: AZ10989

Parameter	Result	RL	Units	Date	Time	By	Reference
cis-1,2-Dichloroethene	ND	1.0	ug/L	06/04/10		R/J	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	06/04/10		R/J	SW8260
Dibromochloromethane	ND	0.50	ug/L	06/04/10		R/J	SW8260
Dibromoethane	ND	1.0	ug/L	06/04/10		R/J	SW8260
Dibromomethane	ND	1.0	ug/L	06/04/10		R/J	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	06/04/10		R/J	SW8260
Ethylbenzene	ND	1.0	ug/L	06/04/10		R/J	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	06/04/10		R/J	SW8260
Isopropylbenzene	ND	1.0	ug/L	06/04/10		R/J	SW8260
m&p-Xylene	ND	1.0	ug/L	06/04/10		R/J	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	06/04/10		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	06/04/10		R/J	SW8260
Methylene chloride	ND	1.0	ug/L	06/04/10		R/J	SW8260
Naphthalene	ND	1.0	ug/L	06/04/10		R/J	SW8260
n-Butylbenzene	ND	1.0	ug/L	06/04/10		R/J	SW8260
n-Propylbenzene	ND	1.0	ug/L	06/04/10		R/J	SW8260
o-Xylene	ND	1.0	ug/L	06/04/10		R/J	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	06/04/10		R/J	SW8260
sec-Butylbenzene	ND	1.0	ug/L	06/04/10		R/J	SW8260
Styrene	ND	1.0	ug/L	06/04/10		R/J	SW8260
tert-Butylbenzene	ND	1.0	ug/L	06/04/10		R/J	SW8260
Tetrachloroethene	ND	1.0	ug/L	06/04/10		R/J	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	06/04/10		R/J	SW8260
Toluene	1.2	1.0	ug/L	06/04/10		R/J	SW8260
Total Xylenes	ND	1.0	ug/L	06/04/10		R/J	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	06/04/10		R/J	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	06/04/10		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	06/04/10		R/J	SW8260
Trichloroethene	ND	1.0	ug/L	06/04/10		R/J	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	06/04/10		R/J	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	06/04/10		R/J	SW8260
Vinyl chloride	ND	1.0	ug/L	06/04/10		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	100		%	06/04/10		R/J	SW8260
% Bromofluorobenzene	96		%	06/04/10		R/J	SW8260
% Dibromofluoromethane	107		%	06/04/10		R/J	SW8260
% Toluene-d8	104		%	06/04/10		R/J	SW8260
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	0.072	mg/L	06/08/10		KCA	CT ETPH
Identification	ND		mg/L	06/08/10		KCA	CT ETPH
QA/QC Surrogates							
% n-Pentacosane	67		%	06/08/10		KCA	CT ETPH
Polychlorinated Biphenyls							
PCB-1016	ND	0.50	ug/L	06/08/10		MH	608/ 8082
PCB-1221	ND	0.50	ug/L	06/08/10		MH	608/ 8082
PCB-1232	ND	0.50	ug/L	06/08/10		MH	608/ 8082
PCB-1242	ND	0.50	ug/L	06/08/10		MH	608/ 8082
PCB-1248	ND	0.50	ug/L	06/08/10		MH	608/ 8082

Project ID: WOLCOTT RTE 69
Client ID: B-4

Phoenix I.D.: AZ10989

Parameter	Result	RL	Units	Date	Time	By	Reference
PCB-1254	ND	0.50	ug/L	06/08/10		MH	608/ 8082
PCB-1260	ND	0.50	ug/L	06/08/10		MH	608/ 8082
PCB-1262	ND	0.50	ug/L	06/08/10		MH	608/ 8082
PCB-1268	ND	0.50	ug/L	06/08/10		MH	608/ 8082
QA/QC Surrogates							
% DCBP	80		%	06/08/10		MH	608/ 8082
% TCMX	92		%	06/08/10		MH	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

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

Phyllis Shiller

Phyllis Shiller, Laboratory Director
June 14, 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

June 14, 2010

FOR: Attn: Mr. Paul Dalakas
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:	JC	06/02/10	0:00
Location Code:	DTECHC	Received by:	LB	06/03/10	0:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	09-188-01E				

Laboratory Data

SDG ID: GAZ10978
Phoenix ID: AZ10990

Project ID: WOLCOTT RTE 69

Client ID: DUPLICATE 1

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver (Dissolved)	< 0.001	0.001	mg/L	06/04/10		LK	6010/200.7
Arsenic (Dissolved)	< 0.004	0.004	mg/L	06/04/10		LK	6010/200.7
Barium (Dissolved)	0.020	0.002	mg/L	06/04/10		LK	6010/200.7
Cadmium (Dissolved)	< 0.001	0.001	mg/L	06/04/10		LK	6010/200.7
Chromium (Dissolved)	< 0.001	0.001	mg/L	06/04/10		LK	6010/200.7
Mercury (Dissolved)	< 0.0002	0.0002	mg/L	06/07/10		RS	7470/E245.1
Lead (Dissolved)	< 0.002	0.002	mg/L	06/04/10		LK	6010/200.7
Selenium (Dissolved)	< 0.011	0.011	mg/L	06/04/10		LK	6010/200.7
Extraction of CT ETPH	Completed			06/04/10		O/E	3510/3520
Filtration	Completed			06/03/10		AG	0.45um Filter
Dissolved Mercury Digestion	Completed			06/07/10		D	SW7470
PCB Extraction	Completed			06/07/10		O/O	SW3510/3520
Semi-Volatile Extraction	Completed			06/04/10		O/E	SW3510/3520
Dissolved Metals Preparation	Completed			06/03/10		AG	SW846-3005
Semivolatiles by SIM							
2-Methylnaphthalene	ND	5	ug/L	06/08/10		HM	8270(SIM)
Acenaphthene	ND	5	ug/L	06/08/10		HM	8270(SIM)
Acenaphthylene	ND	0.3	ug/L	06/08/10		HM	8270(SIM)
Anthracene	ND	5	ug/L	06/08/10		HM	8270(SIM)
Benz(a)anthracene	ND	0.06	ug/L	06/08/10		HM	8270(SIM)
Benzo(a)pyrene	ND	0.2	ug/L	06/08/10		HM	8270(SIM)
Benzo(b)fluoranthene	ND	0.08	ug/L	06/08/10		HM	8270(SIM)
Benzo(ghi)perylene	ND	4	ug/L	06/08/10		HM	8270(SIM)
Benzo(k)fluoranthene	ND	0.3	ug/L	06/08/10		HM	8270(SIM)
Chrysene	ND	2	ug/L	06/08/10		HM	8270(SIM)
Dibenz(a,h)anthracene	ND	0.2	ug/L	06/08/10		HM	8270(SIM)
Fluoranthene	ND	5	ug/L	06/08/10		HM	8270(SIM)

Project ID: WOLCOTT RTE 69
Client ID: DUPLICATE 1

Phoenix I.D.: AZ10990

Parameter	Result	RL	Units	Date	Time	By	Reference
Fluorene	ND	5	ug/L	06/08/10		HM	8270(SIM)
Indeno(1,2,3-cd)pyrene	ND	0.2	ug/L	06/08/10		HM	8270(SIM)
Naphthalene	ND	5	ug/L	06/08/10		HM	8270(SIM)
Phenanthrene	ND	0.07	ug/L	06/08/10		HM	8270(SIM)
Pyrene	ND	5	ug/L	06/08/10		HM	8270(SIM)
QA/QC Surrogates							
% 2-Fluorobiphenyl	71		%	06/08/10		HM	8270(SIM)
% Nitrobenzene-d5	75		%	06/08/10		HM	8270(SIM)
% Terphenyl-d14	78		%	06/08/10		HM	8270(SIM)
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	06/04/10		H/J	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	06/04/10		H/J	SW8260
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	06/04/10		H/J	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	06/04/10		H/J	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	06/04/10		H/J	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	06/04/10		H/J	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	06/04/10		H/J	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	06/04/10		H/J	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	06/04/10		H/J	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	06/04/10		H/J	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	06/04/10		H/J	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	06/04/10		H/J	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	06/04/10		H/J	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	06/04/10		H/J	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	06/04/10		H/J	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	06/04/10		H/J	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	06/04/10		H/J	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	06/04/10		H/J	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	06/04/10		H/J	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	06/04/10		H/J	SW8260
2-Chlorotoluene	ND	1.0	ug/L	06/04/10		H/J	SW8260
2-Hexanone	ND	5.0	ug/L	06/04/10		H/J	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	06/04/10		H/J	SW8260
4-Chlorotoluene	ND	1.0	ug/L	06/04/10		H/J	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	06/04/10		H/J	SW8260
Acetone	ND	25	ug/L	06/04/10		H/J	SW8260
Acrylonitrile	ND	5.0	ug/L	06/04/10		H/J	SW8260
Benzene	ND	1.0	ug/L	06/04/10		H/J	SW8260
Bromobenzene	ND	1.0	ug/L	06/04/10		H/J	SW8260
Bromochloromethane	ND	1.0	ug/L	06/04/10		H/J	SW8260
Bromodichloromethane	ND	0.50	ug/L	06/04/10		H/J	SW8260
Bromoform	ND	1.0	ug/L	06/04/10		H/J	SW8260
Bromomethane	ND	1.0	ug/L	06/04/10		H/J	SW8260
Carbon Disulfide	ND	5.0	ug/L	06/04/10		H/J	SW8260
Carbon tetrachloride	ND	1.0	ug/L	06/04/10		H/J	SW8260
Chlorobenzene	ND	1.0	ug/L	06/04/10		H/J	SW8260
Chloroethane	ND	1.0	ug/L	06/04/10		H/J	SW8260
Chloroform	ND	1.0	ug/L	06/04/10		H/J	SW8260
Chloromethane	ND	1.0	ug/L	06/04/10		H/J	SW8260

Project ID: WOLCOTT RTE 69
Client ID: DUPLICATE 1

Phoenix I.D.: AZ10990

Parameter	Result	RL	Units	Date	Time	By	Reference
cis-1,2-Dichloroethene	ND	1.0	ug/L	06/04/10		H/J	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	06/04/10		H/J	SW8260
Dibromochloromethane	ND	0.50	ug/L	06/04/10		H/J	SW8260
Dibromoethane	ND	1.0	ug/L	06/04/10		H/J	SW8260
Dibromomethane	ND	1.0	ug/L	06/04/10		H/J	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	06/04/10		H/J	SW8260
Ethylbenzene	ND	1.0	ug/L	06/04/10		H/J	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	06/04/10		H/J	SW8260
Isopropylbenzene	ND	1.0	ug/L	06/04/10		H/J	SW8260
m&p-Xylene	ND	1.0	ug/L	06/04/10		H/J	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	06/04/10		H/J	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	06/04/10		H/J	SW8260
Methylene chloride	ND	1.0	ug/L	06/04/10		H/J	SW8260
Naphthalene	ND	1.0	ug/L	06/04/10		H/J	SW8260
n-Butylbenzene	ND	1.0	ug/L	06/04/10		H/J	SW8260
n-Propylbenzene	ND	1.0	ug/L	06/04/10		H/J	SW8260
o-Xylene	ND	1.0	ug/L	06/04/10		H/J	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	06/04/10		H/J	SW8260
sec-Butylbenzene	ND	1.0	ug/L	06/04/10		H/J	SW8260
Styrene	ND	1.0	ug/L	06/04/10		H/J	SW8260
tert-Butylbenzene	ND	1.0	ug/L	06/04/10		H/J	SW8260
Tetrachloroethene	ND	1.0	ug/L	06/04/10		H/J	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	06/04/10		H/J	SW8260
Toluene	ND	1.0	ug/L	06/04/10		H/J	SW8260
Total Xylenes	ND	1.0	ug/L	06/04/10		H/J	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	06/04/10		H/J	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	06/04/10		H/J	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	06/04/10		H/J	SW8260
Trichloroethene	ND	1.0	ug/L	06/04/10		H/J	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	06/04/10		H/J	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	06/04/10		H/J	SW8260
Vinyl chloride	ND	1.0	ug/L	06/04/10		H/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	101		%	06/04/10		H/J	SW8260
% Bromofluorobenzene	99		%	06/04/10		H/J	SW8260
% Dibromofluoromethane	103		%	06/04/10		H/J	SW8260
% Toluene-d8	91		%	06/04/10		H/J	SW8260
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	0.072	mg/L	06/08/10		KCA	CT ETPH
Identification	ND		mg/L	06/08/10		KCA	CT ETPH
QA/QC Surrogates							
% n-Pentacosane	77		%	06/08/10		KCA	CT ETPH
Polychlorinated Biphenyls							
PCB-1016	ND	0.50	ug/L	06/08/10		MH	608/ 8082
PCB-1221	ND	0.50	ug/L	06/08/10		MH	608/ 8082
PCB-1232	ND	0.50	ug/L	06/08/10		MH	608/ 8082
PCB-1242	ND	0.50	ug/L	06/08/10		MH	608/ 8082
PCB-1248	ND	0.50	ug/L	06/08/10		MH	608/ 8082

Project ID: WOLCOTT RTE 69
Client ID: DUPLICATE 1

Phoenix I.D.: AZ10990

Parameter	Result	RL	Units	Date	Time	By	Reference
PCB-1254	ND	0.50	ug/L	06/08/10		MH	608/ 8082
PCB-1260	ND	0.50	ug/L	06/08/10		MH	608/ 8082
PCB-1262	ND	0.50	ug/L	06/08/10		MH	608/ 8082
PCB-1268	ND	0.50	ug/L	06/08/10		MH	608/ 8082
QA/QC Surrogates							
% DCBP	82		%	06/08/10		MH	608/ 8082
% TCMX	92		%	06/08/10		MH	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

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

Phyllis Shiller

Phyllis Shiller, Laboratory Director
June 14, 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

June 14, 2010

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	JC	06/02/10	0:00
Location Code:	DTECHC	Received by:	LB	06/03/10	0:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	09-188-01E				

Laboratory Data

SDG ID: GAZ10978
Phoenix ID: AZ10991

Project ID: WOLCOTT RTE 69

Client ID: DUPLICATE 2

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.50	0.50	mg/Kg	06/07/10		LK	SW6010
Arsenic	3.1	1.0	mg/Kg	06/07/10		LK	SW6010
Barium	39.7	0.50	mg/Kg	06/07/10		LK	SW6010
Cadmium	< 0.50	0.50	mg/Kg	06/07/10		LK	SW6010
Chromium	18.7	0.50	mg/Kg	06/07/10		LK	SW6010
Mercury	< 0.08	0.08	mg/Kg	06/04/10		RS	SW-7471
Lead	9.73	0.50	mg/Kg	06/07/10		LK	SW6010
Selenium	< 2.0	2.0	mg/Kg	06/07/10		LK	SW6010
Percent Solid	72		%	06/03/10		C / JL	E160.3
Soil Extraction for PCB	Completed			06/03/10		QB/D	SW3545
Soil Extraction SVOA BN	Completed			06/03/10		LS/D	SW3545
Extraction of CT ETPH	Completed			06/03/10		QS/AD	3545
Mercury Digestion	Completed			06/04/10		K	SW7471
Total Metals Digest	Completed			06/04/10		/D	SW846 - 3050
Field Extraction	Completed			06/02/10		JC	SW5035
Volatiles							
1,1,1,2-Tetrachloroethane	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
1,1,1-Trichloroethane	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	2.8	ug/Kg	06/05/10		R/J	SW8260
1,1,2-Trichloroethane	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
1,1-Dichloroethane	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
1,1-Dichloroethene	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
1,1-Dichloropropene	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
1,2,3-Trichlorobenzene	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
1,2,3-Trichloropropane	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
1,2,4-Trichlorobenzene	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
1,2,4-Trimethylbenzene	ND	4.6	ug/Kg	06/05/10		R/J	SW8260

Project ID: WOLCOTT RTE 69 **Phoenix I.D.:** AZ10991
Client ID: DUPLICATE 2

Parameter	Result	RL	Units	Date	Time	By	Reference
1,2-Dibromo-3-chloropropane	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
1,2-Dichlorobenzene	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
1,2-Dichloroethane	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
1,2-Dichloropropane	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
1,3,5-Trimethylbenzene	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
1,3-Dichlorobenzene	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
1,3-Dichloropropane	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
1,4-Dichlorobenzene	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
2,2-Dichloropropane	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
2-Chlorotoluene	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
2-Hexanone	ND	23	ug/Kg	06/05/10		R/J	SW8260
2-Isopropyltoluene	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
4-Chlorotoluene	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
4-Methyl-2-pentanone	ND	23	ug/Kg	06/05/10		R/J	SW8260
Acetone	ND	93	ug/Kg	06/05/10		R/J	SW8260
Acrylonitrile	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
Benzene	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
Bromobenzene	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
Bromochloromethane	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
Bromodichloromethane	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
Bromoform	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
Bromomethane	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
Carbon Disulfide	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
Carbon tetrachloride	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
Chlorobenzene	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
Chloroethane	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
Chloroform	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
Chloromethane	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
cis-1,2-Dichloroethene	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
cis-1,3-Dichloropropene	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
Dibromochloromethane	ND	2.8	ug/Kg	06/05/10		R/J	SW8260
Dibromoethane	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
Dibromomethane	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
Dichlorodifluoromethane	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
Ethylbenzene	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
Hexachlorobutadiene	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
Isopropylbenzene	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
m&p-Xylene	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
Methyl Ethyl Ketone	ND	28	ug/Kg	06/05/10		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	9.3	ug/Kg	06/05/10		R/J	SW8260
Methylene chloride	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
Naphthalene	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
n-Butylbenzene	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
n-Propylbenzene	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
o-Xylene	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
p-Isopropyltoluene	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
sec-Butylbenzene	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
Styrene	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
tert-Butylbenzene	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
Tetrachloroethene	ND	4.6	ug/Kg	06/05/10		R/J	SW8260

Project ID: WOLCOTT RTE 69
Client ID: DUPLICATE 2

Phoenix I.D.: AZ10991

Parameter	Result	RL	Units	Date	Time	By	Reference
Tetrahydrofuran (THF)	ND	9.3	ug/Kg	06/05/10		R/J	SW8260
Toluene	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
Total Xylenes	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
trans-1,2-Dichloroethene	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
trans-1,3-Dichloropropene	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	9.3	ug/Kg	06/05/10		R/J	SW8260
Trichloroethene	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
Trichlorofluoromethane	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
Trichlorotrifluoroethane	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
Vinyl chloride	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	99		%	06/05/10		R/J	SW8260
% Bromofluorobenzene	96		%	06/05/10		R/J	SW8260
% Dibromofluoromethane	103		%	06/05/10		R/J	SW8260
% Toluene-d8	94		%	06/05/10		R/J	SW8260
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	14	mg/Kg	06/07/10		KCA	CT ETPH/8015
Identification	ND		mg/Kg	06/07/10		KCA	CT ETPH/8015
QA/QC Surrogates							
% n-Pentacosane	56		%	06/07/10		KCA	CT ETPH/8015
Polychlorinated Biphenyls							
PCB-1016	ND	450	ug/Kg	06/04/10		MH	SW 8082
PCB-1221	ND	450	ug/Kg	06/04/10		MH	SW 8082
PCB-1232	ND	450	ug/Kg	06/04/10		MH	SW 8082
PCB-1242	ND	450	ug/Kg	06/04/10		MH	SW 8082
PCB-1248	ND	450	ug/Kg	06/04/10		MH	SW 8082
PCB-1254	ND	450	ug/Kg	06/04/10		MH	SW 8082
PCB-1260	ND	450	ug/Kg	06/04/10		MH	SW 8082
PCB-1262	ND	450	ug/Kg	06/04/10		MH	SW 8082
PCB-1268	ND	450	ug/Kg	06/04/10		MH	SW 8082
QA/QC Surrogates							
% DCBP	43		%	06/04/10		MH	SW 8082
% TCMX	40		%	06/04/10		MH	SW 8082
Polynuclear Aromatic HC							
2-Methylnaphthalene	ND	320	ug/Kg	06/04/10		KCA	SW 8270
Acenaphthene	ND	320	ug/Kg	06/04/10		KCA	SW 8270
Acenaphthylene	ND	320	ug/Kg	06/04/10		KCA	SW 8270
Anthracene	ND	320	ug/Kg	06/04/10		KCA	SW 8270
Benz(a)anthracene	ND	320	ug/Kg	06/04/10		KCA	SW 8270
Benzo(a)pyrene	ND	320	ug/Kg	06/04/10		KCA	SW 8270
Benzo(b)fluoranthene	ND	320	ug/Kg	06/04/10		KCA	SW 8270
Benzo(ghi)perylene	ND	320	ug/Kg	06/04/10		KCA	SW 8270
Benzo(k)fluoranthene	ND	320	ug/Kg	06/04/10		KCA	SW 8270
Chrysene	ND	320	ug/Kg	06/04/10		KCA	SW 8270
Dibenz(a,h)anthracene	ND	320	ug/Kg	06/04/10		KCA	SW 8270
Fluoranthene	ND	320	ug/Kg	06/04/10		KCA	SW 8270
Fluorene	ND	320	ug/Kg	06/04/10		KCA	SW 8270

Project ID: WOLCOTT RTE 69
Client ID: DUPLICATE 2

Phoenix I.D.: AZ10991

Parameter	Result	RL	Units	Date	Time	By	Reference
Indeno(1,2,3-cd)pyrene	ND	320	ug/Kg	06/04/10		KCA	SW 8270
Naphthalene	ND	320	ug/Kg	06/04/10		KCA	SW 8270
Phenanthrene	ND	320	ug/Kg	06/04/10		KCA	SW 8270
Pyrene	ND	320	ug/Kg	06/04/10		KCA	SW 8270
QA/QC Surrogates							
% 2-Fluorobiphenyl	47		%	06/04/10		KCA	SW 8270
% Nitrobenzene-d5	59		%	06/04/10		KCA	SW 8270
% Terphenyl-d14	57		%	06/04/10		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

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

Phyllis Shiller

Phyllis Shiller, Laboratory Director
June 14, 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

June 14, 2010

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

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:	JC	06/02/10	0:00
Location Code:	DTECHC	Received by:	LB	06/03/10	0:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	09-188-01E				

Laboratory Data

SDG ID: GAZ10978
Phoenix ID: AZ10992

Project ID: WOLCOTT RTE 69
Client ID: TRIP BLANK

Parameter	Result	RL	Units	Date	Time	By	Reference
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	06/04/10		H/J	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	06/04/10		H/J	SW8260
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	06/04/10		H/J	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	06/04/10		H/J	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	06/04/10		H/J	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	06/04/10		H/J	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	06/04/10		H/J	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	06/04/10		H/J	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	06/04/10		H/J	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	06/04/10		H/J	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	06/04/10		H/J	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	06/04/10		H/J	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	06/04/10		H/J	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	06/04/10		H/J	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	06/04/10		H/J	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	06/04/10		H/J	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	06/04/10		H/J	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	06/04/10		H/J	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	06/04/10		H/J	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	06/04/10		H/J	SW8260
2-Chlorotoluene	ND	1.0	ug/L	06/04/10		H/J	SW8260
2-Hexanone	ND	5.0	ug/L	06/04/10		H/J	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	06/04/10		H/J	SW8260
4-Chlorotoluene	ND	1.0	ug/L	06/04/10		H/J	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	06/04/10		H/J	SW8260
Acetone	ND	25	ug/L	06/04/10		H/J	SW8260

Project ID: WOLCOTT RTE 69 **Phoenix I.D.:** AZ10992
Client ID: TRIP BLANK

Parameter	Result	RL	Units	Date	Time	By	Reference
Acrylonitrile	ND	5.0	ug/L	06/04/10		H/J	SW8260
Benzene	ND	1.0	ug/L	06/04/10		H/J	SW8260
Bromobenzene	ND	1.0	ug/L	06/04/10		H/J	SW8260
Bromochloromethane	ND	1.0	ug/L	06/04/10		H/J	SW8260
Bromodichloromethane	ND	0.50	ug/L	06/04/10		H/J	SW8260
Bromoform	ND	1.0	ug/L	06/04/10		H/J	SW8260
Bromomethane	ND	1.0	ug/L	06/04/10		H/J	SW8260
Carbon Disulfide	ND	5.0	ug/L	06/04/10		H/J	SW8260
Carbon tetrachloride	ND	1.0	ug/L	06/04/10		H/J	SW8260
Chlorobenzene	ND	1.0	ug/L	06/04/10		H/J	SW8260
Chloroethane	ND	1.0	ug/L	06/04/10		H/J	SW8260
Chloroform	ND	1.0	ug/L	06/04/10		H/J	SW8260
Chloromethane	ND	1.0	ug/L	06/04/10		H/J	SW8260
cis-1,2-Dichloroethene	ND	1.0	ug/L	06/04/10		H/J	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	06/04/10		H/J	SW8260
Dibromochloromethane	ND	0.50	ug/L	06/04/10		H/J	SW8260
Dibromoethane	ND	1.0	ug/L	06/04/10		H/J	SW8260
Dibromomethane	ND	1.0	ug/L	06/04/10		H/J	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	06/04/10		H/J	SW8260
Ethylbenzene	ND	1.0	ug/L	06/04/10		H/J	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	06/04/10		H/J	SW8260
Isopropylbenzene	ND	1.0	ug/L	06/04/10		H/J	SW8260
m&p-Xylene	ND	1.0	ug/L	06/04/10		H/J	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	06/04/10		H/J	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	06/04/10		H/J	SW8260
Methylene chloride	ND	1.0	ug/L	06/04/10		H/J	SW8260
Naphthalene	ND	1.0	ug/L	06/04/10		H/J	SW8260
n-Butylbenzene	ND	1.0	ug/L	06/04/10		H/J	SW8260
n-Propylbenzene	ND	1.0	ug/L	06/04/10		H/J	SW8260
o-Xylene	ND	1.0	ug/L	06/04/10		H/J	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	06/04/10		H/J	SW8260
sec-Butylbenzene	ND	1.0	ug/L	06/04/10		H/J	SW8260
Styrene	ND	1.0	ug/L	06/04/10		H/J	SW8260
tert-Butylbenzene	ND	1.0	ug/L	06/04/10		H/J	SW8260
Tetrachloroethene	ND	1.0	ug/L	06/04/10		H/J	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	06/04/10		H/J	SW8260
Toluene	ND	1.0	ug/L	06/04/10		H/J	SW8260
Total Xylenes	ND	1.0	ug/L	06/04/10		H/J	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	06/04/10		H/J	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	06/04/10		H/J	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	06/04/10		H/J	SW8260
Trichloroethene	ND	1.0	ug/L	06/04/10		H/J	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	06/04/10		H/J	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	06/04/10		H/J	SW8260
Vinyl chloride	ND	1.0	ug/L	06/04/10		H/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	103		%	06/04/10		H/J	SW8260
% Bromofluorobenzene	98		%	06/04/10		H/J	SW8260
% Dibromofluoromethane	105		%	06/04/10		H/J	SW8260
% Toluene-d8	100		%	06/04/10		H/J	SW8260

Project ID: WOLCOTT RTE 69 **Phoenix I.D.:** AZ10992
Client ID: TRIP BLANK

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
June 14, 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

June 14, 2010

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	JC	06/02/10	0:00
Location Code:	DTECHC	Received by:	LB	06/03/10	0:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	09-188-01E				

Laboratory Data

SDG ID: GAZ10978
Phoenix ID: AZ10993

Project ID: WOLCOTT RTE 69

Client ID: TRIP BLANK

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	06/04/10		C/JL	E160.3
Field Extraction	Completed			06/02/10		JC	SW5035
Volatiles							
1,1,1,2-Tetrachloroethane	ND	250	ug/Kg	06/05/10		R/J	SW8260
1,1,1-Trichloroethane	ND	250	ug/Kg	06/05/10		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	250	ug/Kg	06/05/10		R/J	SW8260
1,1,2-Trichloroethane	ND	250	ug/Kg	06/05/10		R/J	SW8260
1,1-Dichloroethane	ND	250	ug/Kg	06/05/10		R/J	SW8260
1,1-Dichloroethene	ND	250	ug/Kg	06/05/10		R/J	SW8260
1,1-Dichloropropene	ND	250	ug/Kg	06/05/10		R/J	SW8260
1,2,3-Trichlorobenzene	ND	250	ug/Kg	06/05/10		R/J	SW8260
1,2,3-Trichloropropane	ND	250	ug/Kg	06/05/10		R/J	SW8260
1,2,4-Trichlorobenzene	ND	250	ug/Kg	06/05/10		R/J	SW8260
1,2,4-Trimethylbenzene	ND	250	ug/Kg	06/05/10		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	250	ug/Kg	06/05/10		R/J	SW8260
1,2-Dichlorobenzene	ND	250	ug/Kg	06/05/10		R/J	SW8260
1,2-Dichloroethane	ND	250	ug/Kg	06/05/10		R/J	SW8260
1,2-Dichloropropane	ND	250	ug/Kg	06/05/10		R/J	SW8260
1,3,5-Trimethylbenzene	ND	250	ug/Kg	06/05/10		R/J	SW8260
1,3-Dichlorobenzene	ND	250	ug/Kg	06/05/10		R/J	SW8260
1,3-Dichloropropane	ND	250	ug/Kg	06/05/10		R/J	SW8260
1,4-Dichlorobenzene	ND	250	ug/Kg	06/05/10		R/J	SW8260
2,2-Dichloropropane	ND	250	ug/Kg	06/05/10		R/J	SW8260
2-Chlorotoluene	ND	250	ug/Kg	06/05/10		R/J	SW8260
2-Hexanone	ND	1200	ug/Kg	06/05/10		R/J	SW8260
2-Isopropyltoluene	ND	250	ug/Kg	06/05/10		R/J	SW8260
4-Chlorotoluene	ND	250	ug/Kg	06/05/10		R/J	SW8260

Project ID: WOLCOTT RTE 69
Client ID: TRIP BLANK

Phoenix I.D.: AZ10993

Parameter	Result	RL	Units	Date	Time	By	Reference
4-Methyl-2-pentanone	ND	1200	ug/Kg	06/05/10		R/J	SW8260
Acetone	ND	5000	ug/Kg	06/05/10		R/J	SW8260
Acrylonitrile	ND	500	ug/Kg	06/05/10		R/J	SW8260
Benzene	ND	250	ug/Kg	06/05/10		R/J	SW8260
Bromobenzene	ND	250	ug/Kg	06/05/10		R/J	SW8260
Bromochloromethane	ND	250	ug/Kg	06/05/10		R/J	SW8260
Bromodichloromethane	ND	250	ug/Kg	06/05/10		R/J	SW8260
Bromoform	ND	250	ug/Kg	06/05/10		R/J	SW8260
Bromomethane	ND	250	ug/Kg	06/05/10		R/J	SW8260
Carbon Disulfide	ND	250	ug/Kg	06/05/10		R/J	SW8260
Carbon tetrachloride	ND	250	ug/Kg	06/05/10		R/J	SW8260
Chlorobenzene	ND	250	ug/Kg	06/05/10		R/J	SW8260
Chloroethane	ND	250	ug/Kg	06/05/10		R/J	SW8260
Chloroform	ND	250	ug/Kg	06/05/10		R/J	SW8260
Chloromethane	ND	250	ug/Kg	06/05/10		R/J	SW8260
cis-1,2-Dichloroethene	ND	250	ug/Kg	06/05/10		R/J	SW8260
cis-1,3-Dichloropropene	ND	250	ug/Kg	06/05/10		R/J	SW8260
Dibromochloromethane	ND	250	ug/Kg	06/05/10		R/J	SW8260
Dibromoethane	ND	250	ug/Kg	06/05/10		R/J	SW8260
Dibromomethane	ND	250	ug/Kg	06/05/10		R/J	SW8260
Dichlorodifluoromethane	ND	250	ug/Kg	06/05/10		R/J	SW8260
Ethylbenzene	ND	250	ug/Kg	06/05/10		R/J	SW8260
Hexachlorobutadiene	ND	250	ug/Kg	06/05/10		R/J	SW8260
Isopropylbenzene	ND	250	ug/Kg	06/05/10		R/J	SW8260
m&p-Xylene	ND	250	ug/Kg	06/05/10		R/J	SW8260
Methyl Ethyl Ketone	ND	3000	ug/Kg	06/05/10		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	250	ug/Kg	06/05/10		R/J	SW8260
Methylene chloride	ND	500	ug/Kg	06/05/10		R/J	SW8260
Naphthalene	ND	250	ug/Kg	06/05/10		R/J	SW8260
n-Butylbenzene	ND	250	ug/Kg	06/05/10		R/J	SW8260
n-Propylbenzene	ND	250	ug/Kg	06/05/10		R/J	SW8260
o-Xylene	ND	250	ug/Kg	06/05/10		R/J	SW8260
p-Isopropyltoluene	ND	250	ug/Kg	06/05/10		R/J	SW8260
sec-Butylbenzene	ND	250	ug/Kg	06/05/10		R/J	SW8260
Styrene	ND	250	ug/Kg	06/05/10		R/J	SW8260
tert-Butylbenzene	ND	250	ug/Kg	06/05/10		R/J	SW8260
Tetrachloroethene	ND	250	ug/Kg	06/05/10		R/J	SW8260
Tetrahydrofuran (THF)	ND	500	ug/Kg	06/05/10		R/J	SW8260
Toluene	ND	250	ug/Kg	06/05/10		R/J	SW8260
Total Xylenes	ND	250	ug/Kg	06/05/10		R/J	SW8260
trans-1,2-Dichloroethene	ND	250	ug/Kg	06/05/10		R/J	SW8260
trans-1,3-Dichloropropene	ND	250	ug/Kg	06/05/10		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	500	ug/Kg	06/05/10		R/J	SW8260
Trichloroethene	ND	250	ug/Kg	06/05/10		R/J	SW8260
Trichlorofluoromethane	ND	250	ug/Kg	06/05/10		R/J	SW8260
Trichlorotrifluoroethane	ND	250	ug/Kg	06/05/10		R/J	SW8260
Vinyl chloride	ND	250	ug/Kg	06/05/10		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	100		%	06/05/10		R/J	SW8260
% Bromofluorobenzene	93		%	06/05/10		R/J	SW8260

Project ID: WOLCOTT RTE 69
Client ID: TRIP BLANK

Phoenix I.D.: AZ10993

Parameter	Result	RL	Units	Date	Time	By	Reference
% Dibromofluoromethane	99		%	06/05/10		R/J	SW8260
% Toluene-d8	97		%	06/05/10		R/J	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

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

Phyllis Shiller, Laboratory Director
June 14, 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

June 14, 2010

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

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:	JC	06/02/10	0:00
Location Code:	DTECHC	Received by:	LB	06/03/10	0:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	09-188-01E				

Laboratory Data

SDG ID: GAZ10978
Phoenix ID: AZ10994

Project ID: WOLCOTT RTE 69
Client ID: FIELD BLANK

Parameter	Result	RL	Units	Date	Time	By	Reference
Extraction of CT ETPH	Completed			06/04/10		O/E	3510/3520
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	06/04/10		H/J	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	06/04/10		H/J	SW8260
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	06/04/10		H/J	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	06/04/10		H/J	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	06/04/10		H/J	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	06/04/10		H/J	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	06/04/10		H/J	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	06/04/10		H/J	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	06/04/10		H/J	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	06/04/10		H/J	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	06/04/10		H/J	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	06/04/10		H/J	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	06/04/10		H/J	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	06/04/10		H/J	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	06/04/10		H/J	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	06/04/10		H/J	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	06/04/10		H/J	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	06/04/10		H/J	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	06/04/10		H/J	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	06/04/10		H/J	SW8260
2-Chlorotoluene	ND	1.0	ug/L	06/04/10		H/J	SW8260
2-Hexanone	ND	5.0	ug/L	06/04/10		H/J	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	06/04/10		H/J	SW8260
4-Chlorotoluene	ND	1.0	ug/L	06/04/10		H/J	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	06/04/10		H/J	SW8260

Project ID: WOLCOTT RTE 69 **Phoenix I.D.:** AZ10994
Client ID: FIELD BLANK

Parameter	Result	RL	Units	Date	Time	By	Reference
Acetone	ND	25	ug/L	06/04/10		H/J	SW8260
Acrylonitrile	ND	5.0	ug/L	06/04/10		H/J	SW8260
Benzene	ND	1.0	ug/L	06/04/10		H/J	SW8260
Bromobenzene	ND	1.0	ug/L	06/04/10		H/J	SW8260
Bromochloromethane	ND	1.0	ug/L	06/04/10		H/J	SW8260
Bromodichloromethane	ND	0.50	ug/L	06/04/10		H/J	SW8260
Bromoform	ND	1.0	ug/L	06/04/10		H/J	SW8260
Bromomethane	ND	1.0	ug/L	06/04/10		H/J	SW8260
Carbon Disulfide	ND	5.0	ug/L	06/04/10		H/J	SW8260
Carbon tetrachloride	ND	1.0	ug/L	06/04/10		H/J	SW8260
Chlorobenzene	ND	1.0	ug/L	06/04/10		H/J	SW8260
Chloroethane	ND	1.0	ug/L	06/04/10		H/J	SW8260
Chloroform	ND	1.0	ug/L	06/04/10		H/J	SW8260
Chloromethane	ND	1.0	ug/L	06/04/10		H/J	SW8260
cis-1,2-Dichloroethene	ND	1.0	ug/L	06/04/10		H/J	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	06/04/10		H/J	SW8260
Dibromochloromethane	ND	0.50	ug/L	06/04/10		H/J	SW8260
Dibromoethane	ND	1.0	ug/L	06/04/10		H/J	SW8260
Dibromomethane	ND	1.0	ug/L	06/04/10		H/J	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	06/04/10		H/J	SW8260
Ethylbenzene	ND	1.0	ug/L	06/04/10		H/J	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	06/04/10		H/J	SW8260
Isopropylbenzene	ND	1.0	ug/L	06/04/10		H/J	SW8260
m&p-Xylene	ND	1.0	ug/L	06/04/10		H/J	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	06/04/10		H/J	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	06/04/10		H/J	SW8260
Methylene chloride	ND	1.0	ug/L	06/04/10		H/J	SW8260
Naphthalene	ND	1.0	ug/L	06/04/10		H/J	SW8260
n-Butylbenzene	ND	1.0	ug/L	06/04/10		H/J	SW8260
n-Propylbenzene	ND	1.0	ug/L	06/04/10		H/J	SW8260
o-Xylene	ND	1.0	ug/L	06/04/10		H/J	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	06/04/10		H/J	SW8260
sec-Butylbenzene	ND	1.0	ug/L	06/04/10		H/J	SW8260
Styrene	ND	1.0	ug/L	06/04/10		H/J	SW8260
tert-Butylbenzene	ND	1.0	ug/L	06/04/10		H/J	SW8260
Tetrachloroethene	ND	1.0	ug/L	06/04/10		H/J	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	06/04/10		H/J	SW8260
Toluene	ND	1.0	ug/L	06/04/10		H/J	SW8260
Total Xylenes	ND	1.0	ug/L	06/04/10		H/J	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	06/04/10		H/J	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	06/04/10		H/J	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	06/04/10		H/J	SW8260
Trichloroethene	ND	1.0	ug/L	06/04/10		H/J	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	06/04/10		H/J	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	06/04/10		H/J	SW8260
Vinyl chloride	ND	1.0	ug/L	06/04/10		H/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	103		%	06/04/10		H/J	SW8260
% Bromofluorobenzene	101		%	06/04/10		H/J	SW8260
% Dibromofluoromethane	103		%	06/04/10		H/J	SW8260

Project ID: WOLCOTT RTE 69
Client ID: FIELD BLANK

Phoenix I.D.: AZ10994

Parameter	Result	RL	Units	Date	Time	By	Reference
% Toluene-d8	94		%	06/04/10		H/J	SW8260
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	0.070	mg/L	06/08/10		KCA	CT ETPH
Identification	ND		mg/L	06/08/10		KCA	CT ETPH
QA/QC Surrogates							
% n-Pentacosane	91		%	06/08/10		KCA	CT ETPH

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
June 14, 2010

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

June 14, 2010

QA/QC Data

SDG I.D.: GAZ10978

Parameter	Blank	Dup RPD	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch 154578, QC Sample No: AZ09791 (AZ10978, AZ10979, AZ10980, AZ10981, AZ10982, AZ10983, AZ10984, AZ10985, AZ10986)								
ICP Metals - Soil								
Arsenic	BDL	0.90	97.1	109	11.5	92.9	98.2	5.5
Barium	BDL	4.10	99.8	110	9.7	99.7	102	2.3
Cadmium	BDL	NC	97.5	109	11.1	95.9	97.8	2.0
Chromium	BDL	4.50	100	114	13.1	98.5	101	2.5
Lead	BDL	2.10	97.2	105	7.7	96.0	98.1	2.2
Selenium	BDL	NC	87.7	98.0	11.1	85.2	88.0	3.2
Silver	BDL	NC	101	115	13.0	97.6	100	2.4
QA/QC Batch 154573, QC Sample No: AZ10772 (AZ10990)								
ICP Metals - Dissolved								
Arsenic	BDL	NC	98.5	100	1.5	89.6	87.6	2.3
Barium	BDL	1.10	105	108	2.8	101	99.0	2.0
Cadmium	BDL	NC	105	108	2.8	99.0	96.9	2.1
Chromium	BDL	NC	105	107	1.9	99.5	98.5	1.0
Lead	BDL	NC	105	107	1.9	98.4	97.2	1.2
Selenium	BDL	NC	95.3	96.7	1.5	91.3	89.9	1.5
Silver	BDL	NC	104	106	1.9	99.8	98.8	1.0
QA/QC Batch 154625, QC Sample No: AZ10979 (AZ10978, AZ10979, AZ10980, AZ10981, AZ10982, AZ10983, AZ10984, AZ10985, AZ10986, AZ10991)								
Mercury	BDL	NC	102	95.5	6.6	98.4	95.4	3.1
QA/QC Batch 154654, QC Sample No: AZ10991 (AZ10991)								
ICP Metals - Soil								
Arsenic	BDL	NC	98.4	100	1.6	80.2	93.4	15.2
Barium	BDL	2.00	105	107	1.9	91.6	104	12.7
Cadmium	BDL	NC	95.8	100	4.3	86.2	99.7	14.5
Chromium	BDL	10.1	105	107	1.9	88.9	102	13.7
Lead	BDL	0.60	108	101	6.7	85.3	99.4	15.3
Selenium	BDL	NC	87.4	89.5	2.4	71.4	83.9	16.1
Silver	BDL	NC	109	108	0.9	91.2	106	15.0
QA/QC Batch 154699, QC Sample No: AZ11426 (AZ10988, AZ10989, AZ10990)								
Mercury	BDL		110	105	4.7	108	108	0.0
QA/QC Batch 154760, QC Sample No: AZ11600 (AZ10988, AZ10989)								
ICP Metals - Dissolved								
Arsenic	BDL	NC	96.8	94.6	2.3	86.7	88.1	1.6
Barium	BDL	0.80	103	101	2.0	93.5	95.0	1.6
Cadmium	BDL	NC	104	102	1.9	94.4	95.8	1.5

QA/QC Data

SDG I.D.: GAZ10978

Parameter	Blank	Dup RPD	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
Chromium	BDL	NC	106	105	0.9	96.2	97.9	1.8
Lead	BDL	NC	101	99.4	1.6	92.9	93.9	1.1
Selenium	BDL	NC	89.6	88.0	1.8	84.4	85.9	1.8
Silver	BDL	NC	104	102	1.9	81.1	82.3	1.5

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

June 14, 2010

QA/QC Data

SDG I.D.: GAZ10978

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch 154754, QC Sample No: AZ10278 (AZ10988, AZ10989, AZ10990)							
Polychlorinated Biphenyls							
PCB-1016	ND	114	86	28.0			
PCB-1221	ND						
PCB-1232	ND						
PCB-1242	ND						
PCB-1248	ND						
PCB-1254	ND						
PCB-1260	ND	110	93	16.7			
PCB-1262	ND						
PCB-1268	ND						
% DCBP (Surrogate Rec)	96	98	78	22.7			
% TCMX (Surrogate Rec)	82	89	75	17.1			
Comment:							
A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.							
QA/QC Batch 154640, QC Sample No: AZ10719 (AZ10994)							
Volatiles							
1,1,1,2-Tetrachloroethane	ND	107	109	1.9	108	92	16.0
1,1,1-Trichloroethane	ND	109	111	1.8	115	87	27.7
1,1,2,2-Tetrachloroethane	ND	103	97	6.0	95	93	2.1
1,1,2-Trichloroethane	ND	98	98	0.0	97	84	14.4
1,1-Dichloroethane	ND	100	97	3.0	112	89	22.9
1,1-Dichloroethene	ND	81	82	1.2	104	88	16.7
1,1-Dichloropropene	ND	87	92	5.6	99	87	12.9
1,2,3-Trichlorobenzene	ND	68	71	4.3	45	45	0.0
1,2,3-Trichloropropane	ND	116	113	2.6	102	97	5.0
1,2,4-Trichlorobenzene	ND	80	81	1.2	67	62	7.8
1,2,4-Trimethylbenzene	ND	100	102	2.0	106	95	10.9
1,2-Dibromo-3-chloropropane	ND	97	98	1.0	79	82	3.7
1,2-Dichlorobenzene	ND	93	97	4.2	93	87	6.7
1,2-Dichloroethane	ND	118	111	6.1	115	87	27.7
1,2-Dichloropropane	ND	109	122	11.3	123	104	16.7
1,3,5-Trimethylbenzene	ND	98	101	3.0	105	94	11.1
1,3-Dichlorobenzene	ND	91	94	3.2	95	86	9.9
1,3-Dichloropropane	ND	107	105	1.9	103	96	7.0
1,4-Dichlorobenzene	ND	90	94	4.3	94	86	8.9
2,2-Dichloropropane	ND	97	90	7.5	97	61	45.6
2-Chlorotoluene	ND	92	95	3.2	99	91	8.4
2-Hexanone	ND	119	110	7.9	100	96	4.1
2-Isopropyltoluene	ND	96	100	4.1	102	92	10.3
4-Chlorotoluene	ND	92	97	5.3	97	85	13.2
4-Methyl-2-pentanone	ND	114	106	7.3	101	92	9.3

QA/QC Data

SDG I.D.: GAZ10978

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
Acetone	ND	143	124	14.2	110	105	4.7
Acrylonitrile	ND	103	98	5.0	104	97	7.0
Benzene	ND	95	96	1.0	103	88	15.7
Bromobenzene	ND	95	97	2.1	96	89	7.6
Bromochloromethane	ND	96	100	4.1	101	90	11.5
Bromodichloromethane	ND	122	119	2.5	119	97	20.4
Bromoform	ND	122	117	4.2	111	102	8.5
Bromomethane	ND	84	88	4.7	97	66	38.0
Carbon Disulfide	ND	90	90	0.0	92	73	23.0
Carbon tetrachloride	ND	104	108	3.8	115	85	30.0
Chlorobenzene	ND	95	96	1.0	97	88	9.7
Chloroethane	ND	99	97	2.0	109	87	22.4
Chloroform	ND	104	101	2.9	111	88	23.1
Chloromethane	ND	92	85	7.9	98	76	25.3
cis-1,2-Dichloroethene	ND	95	94	1.1	104	90	14.4
cis-1,3-Dichloropropene	ND	98	97	1.0	98	83	16.6
Dibromochloromethane	ND	117	114	2.6	107	96	10.8
Dibromoethane	ND	102	103	1.0	98	89	9.6
Dibromomethane	ND	109	107	1.9	122	88	32.4
Dichlorodifluoromethane	ND	118	117	0.9	110	79	32.8
Ethylbenzene	ND	97	97	0.0	103	92	11.3
Hexachlorobutadiene	ND	82	85	3.6	82	70	15.8
Isopropylbenzene	ND	88	89	1.1	100	92	8.3
m&p-Xylene	ND	97	98	1.0	102	92	10.3
Methyl ethyl ketone	ND	119	116	2.6	104	94	10.1
Methyl t-butyl ether (MTBE)	ND	115	110	4.4	109	94	14.8
Methylene chloride	ND	85	82	3.6	90	77	15.6
Naphthalene	ND	73	75	2.7	52	61	15.9
n-Butylbenzene	ND	98	99	1.0	103	89	14.6
n-Propylbenzene	ND	91	94	3.2	97	90	7.5
o-Xylene	ND	98	100	2.0	101	92	9.3
p-Isopropyltoluene	ND	98	102	4.0	103	92	11.3
sec-Butylbenzene	ND	97	99	2.0	105	92	13.2
Styrene	ND	101	102	1.0	101	92	9.3
tert-Butylbenzene	ND	95	99	4.1	104	93	11.2
Tetrachloroethene	ND	92	98	6.3	100	86	15.1
Tetrahydrofuran (THF)	ND	108	97	10.7	98	89	9.6
Toluene	ND	91	92	1.1	95	83	13.5
trans-1,2-Dichloroethene	ND	87	88	1.1	101	87	14.9
trans-1,3-Dichloropropene	ND	102	104	1.9	102	86	17.0
trans-1,4-dichloro-2-butene	ND	113	106	6.4	98	86	13.0
Trichloroethene	ND	88	93	5.5	98	85	14.2
Trichlorofluoromethane	ND	112	112	0.0	120	85	34.1
Trichlorotrifluoroethane	ND	96	103	7.0	106	82	25.5
Vinyl chloride	ND	94	91	3.2	104	79	27.3
% 1,2-dichlorobenzene-d4	105	101	101	0.0	100	100	0.0
% Bromofluorobenzene	103	108	102	5.7	106	102	3.8
% Dibromofluoromethane	107	105	108	2.8	104	98	5.9
% Toluene-d8	96	97	97	0.0	97	93	4.2

Comment:

A blank MS/MSD was analyzed with this batch.

QA/QC Data

SDG I.D.: GAZ10978

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch 154572, QC Sample No: AZ10756 (AZ10978, AZ10979, AZ10980, AZ10981, AZ10982, AZ10983, AZ10984, AZ10985, AZ10986, AZ10991)							
Polynuclear Aromatic HC							
2-Methylnaphthalene	ND	65	64	1.6	66	72	8.7
Acenaphthene	ND	68	67	1.5	70	75	6.9
Acenaphthylene	ND	64	65	1.6	68	72	5.7
Anthracene	ND	79	76	3.9	80	84	4.9
Benz(a)anthracene	ND	74	76	2.7	80	83	3.7
Benzo(a)pyrene	ND	78	75	3.9	82	82	0.0
Benzo(b)fluoranthene	ND	75	72	4.1	79	84	6.1
Benzo(ghi)perylene	ND	78	84	7.4	89	78	13.2
Benzo(k)fluoranthene	ND	77	74	4.0	80	84	4.9
Chrysene	ND	76	74	2.7	80	81	1.2
Dibenz(a,h)anthracene	ND	80	85	6.1	90	83	8.1
Fluoranthene	ND	75	72	4.1	76	82	7.6
Fluorene	ND	74	71	4.1	78	81	3.8
Indeno(1,2,3-cd)pyrene	ND	63	67	6.2	71	64	10.4
Naphthalene	ND	63	66	4.7	68	72	5.7
Phenanthrene	ND	71	69	2.9	73	76	4.0
Pyrene	ND	74	73	1.4	78	82	5.0
% 2-Fluorobiphenyl	53	60	59	1.7	63	67	6.2
% Nitrobenzene-d5	54	59	61	3.3	62	68	9.2
% Terphenyl-d14	54	63	59	6.6	63	69	9.1
QA/QC Batch 154706, QC Sample No: AZ10770 (AZ10993)							
Volatiles							
1,1,1,2-Tetrachloroethane	ND	107	105	1.9	95		
1,1,1-Trichloroethane	ND	106	104	1.9	100		
1,1,2,2-Tetrachloroethane	ND	106	97	8.9	119		
1,1,2-Trichloroethane	ND	110	102	7.5	83		
1,1-Dichloroethane	ND	102	102	0.0	92		
1,1-Dichloroethene	ND	84	91	8.0	87		
1,1-Dichloropropene	ND	102	103	1.0	88		
1,2,3-Trichlorobenzene	ND	140	105	28.6	75		
1,2,3-Trichloropropane	ND	119	108	9.7	97		
1,2,4-Trichlorobenzene	ND	122	107	13.1	65		
1,2,4-Trimethylbenzene	ND	112	109	2.7	54		
1,2-Dibromo-3-chloropropane	ND	117	110	6.2	82		
1,2-Dichlorobenzene	ND	106	104	1.9	71		
1,2-Dichloroethane	ND	107	98	8.8	71		
1,2-Dichloropropane	ND	103	100	3.0	90		
1,3,5-Trimethylbenzene	ND	112	108	3.6	109		
1,3-Dichlorobenzene	ND	112	111	0.9	75		
1,3-Dichloropropane	ND	114	107	6.3	79		
1,4-Dichlorobenzene	ND	111	111	0.0	68		
2,2-Dichloropropane	ND	98	97	1.0	88		
2-Chlorotoluene	ND	113	114	0.9	99		
2-Hexanone	ND	89	81	9.4	41		
2-Isopropyltoluene	ND	109	108	0.9	106		
4-Chlorotoluene	ND	137	138	0.7	92		
4-Methyl-2-pentanone	ND	102	89	13.6	64		
Acetone	ND	104	108	3.8	57		

QA/QC Data

SDG I.D.: GAZ10978

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
Acrylonitrile	ND	94	85	10.1	56		
Benzene	ND	104	101	2.9	84		
Bromobenzene	ND	115	112	2.6	68		
Bromochloromethane	ND	113	112	0.9	72		
Bromodichloromethane	ND	107	100	6.8	78		
Bromoform	ND	112	102	9.3	67		
Bromomethane	ND	94	150	45.9	71		
Carbon Disulfide	ND	96	101	5.1	58		
Carbon tetrachloride	ND	95	95	0.0	82		
Chlorobenzene	ND	111	108	2.7	78		
Chloroethane	ND	101	111	9.4	88		
Chloroform	ND	110	107	2.8	96		
Chloromethane	ND	80	77	3.8	75		
cis-1,2-Dichloroethene	ND	107	104	2.8	73		
cis-1,3-Dichloropropene	ND	106	100	5.8	54		
Dibromochloromethane	ND	112	108	3.6	77		
Dibromoethane	ND	113	106	6.4	61		
Dibromomethane	ND	110	102	7.5	63		
Dichlorodifluoromethane	ND	102	103	1.0	74		
Ethylbenzene	ND	110	109	0.9	62		
Hexachlorobutadiene	ND	124	88	34.0	96		
Isopropylbenzene	ND	102	103	1.0	42		
m&p-Xylene	ND	110	109	0.9	68		
Methyl ethyl ketone	ND	111	100	10.4	52		
Methyl t-butyl ether (MTBE)	ND	103	100	3.0	91		
Methylene chloride	ND	92	95	3.2	73		
Naphthalene	ND	142	107	28.1	<40		
n-Butylbenzene	ND	112	110	1.8	<40		
n-Propylbenzene	ND	109	111	1.8	<40		
o-Xylene	ND	108	104	3.8	91		
p-Isopropyltoluene	ND	112	112	0.0	105		
sec-Butylbenzene	ND	108	107	0.9	47		
Styrene	ND	111	107	3.7	51		
tert-Butylbenzene	ND	111	110	0.9	110		
Tetrachloroethene	ND	108	106	1.9	100		
Tetrahydrofuran (THF)	ND	92	82	11.5	79		
Toluene	ND	107	103	3.8	79		
trans-1,2-Dichloroethene	ND	98	103	5.0	68		
trans-1,3-Dichloropropene	ND	103	98	5.0	40		
trans-1,4-dichloro-2-butene	ND	88	88	0.0	<40		
Trichloroethene	ND	115	108	6.3	76		
Trichlorofluoromethane	ND	107	104	2.8	100		
Trichlorotrifluoroethane	ND	107	113	5.5	97		
Vinyl chloride	ND	93	93	0.0	78		
% 1,2-dichlorobenzene-d4	100	101	101	0.0	101		
% Bromofluorobenzene	93	100	99	1.0	95		
% Dibromofluoromethane	98	105	99	5.9	104		
% Toluene-d8	97	99	97	2.0	96		

Comment:

Due to poor instrument purge, the MSD is not reported for this batch.

QA/QC Data

SDG I.D.: GAZ10978

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch 154669, QC Sample No: AZ10806 (AZ10987, AZ10988, AZ10989, AZ10990, AZ10994)							
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	89	137	42.5	89	131	38.2
% n-Pentacosane	86	88	132	40.0	77	114	38.7
QA/QC Batch 154645, QC Sample No: AZ10811 (AZ10987, AZ10988, AZ10989)							
Volatiles							
1,1,1,2-Tetrachloroethane	ND	92	90	2.2	88	95	7.7
1,1,1-Trichloroethane	ND	100	101	1.0	106	114	7.3
1,1,2,2-Tetrachloroethane	ND	93	91	2.2	79	85	7.3
1,1,2-Trichloroethane	ND	95	90	5.4	88	93	5.5
1,1-Dichloroethane	ND	81	81	0.0	106	111	4.6
1,1-Dichloroethene	ND	73	72	1.4	109	115	5.4
1,1-Dichloropropene	ND	98	98	0.0	105	116	10.0
1,2,3-Trichlorobenzene	ND	104	102	1.9	64	87	30.5
1,2,3-Trichloropropane	ND	103	102	1.0	85	90	5.7
1,2,4-Trichlorobenzene	ND	96	98	2.1	74	89	18.4
1,2,4-Trimethylbenzene	ND	96	95	1.0	96	105	9.0
1,2-Dibromo-3-chloropropane	ND	98	98	0.0	70	78	10.8
1,2-Dichlorobenzene	ND	89	89	0.0	84	90	6.9
1,2-Dichloroethane	ND	101	98	3.0	92	100	8.3
1,2-Dichloropropane	ND	93	93	0.0	91	99	8.4
1,3,5-Trimethylbenzene	ND	97	98	1.0	97	109	11.7
1,3-Dichlorobenzene	ND	90	90	0.0	87	96	9.8
1,3-Dichloropropane	ND	94	90	4.3	84	90	6.9
1,4-Dichlorobenzene	ND	87	87	0.0	83	92	10.3
2,2-Dichloropropane	ND	74	73	1.4	75	77	2.6
2-Chlorotoluene	ND	92	94	2.2	90	100	10.5
2-Hexanone	ND	102	99	3.0	72	80	10.5
2-Isopropyltoluene	ND	98	97	1.0	99	111	11.4
4-Chlorotoluene	ND	92	94	2.2	90	100	10.5
4-Methyl-2-pentanone	ND	101	96	5.1	82	89	8.2
Acetone	ND	92	89	3.3	122	121	0.8
Acrylonitrile	ND	88	82	7.1	88	94	6.6
Benzene	ND	97	95	2.1	99	108	8.7
Bromobenzene	ND	91	91	0.0	85	95	11.1
Bromochloromethane	ND	85	84	1.2	100	106	5.8
Bromodichloromethane	ND	101	97	4.0	93	101	8.2
Bromoform	ND	102	98	4.0	90	94	4.3
Bromomethane	ND	88	87	1.1	110	134	19.7
Carbon Disulfide	ND	93	94	1.1	113	120	6.0
Carbon tetrachloride	ND	109	108	0.9	116	128	9.8
Chlorobenzene	ND	87	85	2.3	86	93	7.8
Chloroethane	ND	82	82	0.0	106	111	4.6
Chloroform	ND	84	84	0.0	106	110	3.7
Chloromethane	ND	92	92	0.0	98	112	13.3
cis-1,2-Dichloroethene	ND	81	80	1.2	105	109	3.7
cis-1,3-Dichloropropene	ND	101	97	4.0	88	96	8.7
Dibromochloromethane	ND	97	96	1.0	87	94	7.7
Dibromoethane	ND	98	93	5.2	86	92	6.7
Dibromomethane	ND	98	94	4.2	88	96	8.7
Dichlorodifluoromethane	ND	106	106	0.0	97	118	19.5

QA/QC Data

SDG I.D.: GAZ10978

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
Ethylbenzene	ND	90	89	1.1	93	101	8.2
Hexachlorobutadiene	ND	105	110	4.7	105	122	15.0
Isopropylbenzene	ND	92	92	0.0	101	113	11.2
m&p-Xylene	ND	93	92	1.1	98	106	7.8
Methyl ethyl ketone	ND	91	88	3.4	78	81	3.8
Methyl t-butyl ether (MTBE)	ND	95	90	5.4	94	101	7.2
Methylene chloride	ND	82	80	2.5	98	103	5.0
Naphthalene	ND	109	109	0.0	62	86	32.4
n-Butylbenzene	ND	105	105	0.0	108	121	11.4
n-Propylbenzene	ND	95	98	3.1	99	110	10.5
o-Xylene	ND	94	93	1.1	96	102	6.1
p-Isopropyltoluene	ND	103	104	1.0	106	116	9.0
sec-Butylbenzene	ND	102	103	1.0	108	119	9.7
Styrene	ND	93	92	1.1	92	98	6.3
tert-Butylbenzene	ND	100	102	2.0	105	116	10.0
Tetrachloroethene	ND	90	89	1.1	93	102	9.2
Tetrahydrofuran (THF)	ND	99	96	3.1	82	86	4.8
Toluene	ND	91	89	2.2	94	102	8.2
trans-1,2-Dichloroethene	ND	81	81	0.0	107	114	6.3
trans-1,3-Dichloropropene	ND	102	97	5.0	89	96	7.6
trans-1,4-dichloro-2-butene	ND	102	100	2.0	76	82	7.6
Trichloroethene	ND	90	91	1.1	92	104	12.2
Trichlorofluoromethane	ND	86	86	0.0	110	117	6.2
Trichlorotrifluoroethane	ND	91	90	1.1	110	119	7.9
Vinyl chloride	ND	91	91	0.0	102	113	10.2
% 1,2-dichlorobenzene-d4	101	101	102	1.0	100	100	0.0
% Bromofluorobenzene	98	103	103	0.0	102	100	2.0
% Dibromofluoromethane	104	101	103	2.0	109	109	0.0
% Toluene-d8	103	102	99	3.0	103	103	0.0

Comment:

Actual sample spiked was AS10806.

QA/QC Batch 154639, QC Sample No: AZ10940 (AZ10990, AZ10992)

Volatiles

1,1,1,2-Tetrachloroethane	ND	109	109	0.0	110	100	9.5
1,1,1-Trichloroethane	ND	111	108	2.7	108	90	18.2
1,1,2,2-Tetrachloroethane	ND	95	89	6.5	86	85	1.2
1,1,2-Trichloroethane	ND	100	96	4.1	96	84	13.3
1,1-Dichloroethane	ND	101	98	3.0	100	89	11.6
1,1-Dichloroethene	ND	87	86	1.2	102	88	14.7
1,1-Dichloropropene	ND	97	94	3.1	101	91	10.4
1,2,3-Trichlorobenzene	ND	90	86	4.5	75	79	5.2
1,2,3-Trichloropropane	ND	113	105	7.3	95	92	3.2
1,2,4-Trichlorobenzene	ND	98	89	9.6	87	87	0.0
1,2,4-Trimethylbenzene	ND	102	100	2.0	102	98	4.0
1,2-Dibromo-3-chloropropane	ND	101	101	0.0	91	87	4.5
1,2-Dichlorobenzene	ND	99	95	4.1	94	92	2.2
1,2-Dichloroethane	ND	116	111	4.4	107	92	15.1
1,2-Dichloropropane	ND	96	92	4.3	94	87	7.7
1,3,5-Trimethylbenzene	ND	101	98	3.0	101	97	4.0
1,3-Dichlorobenzene	ND	98	95	3.1	94	91	3.2
1,3-Dichloropropane	ND	104	100	3.9	104	99	4.9
1,4-Dichlorobenzene	ND	100	98	2.0	99	95	4.1

QA/QC Data

SDG I.D.: GAZ10978

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
2,2-Dichloropropane	ND	96	91	5.3	88	61	36.2
2-Chlorotoluene	ND	101	99	2.0	101	96	5.1
2-Hexanone	ND	109	113	3.6	100	96	4.1
2-Isopropyltoluene	ND	100	98	2.0	100	95	5.1
4-Chlorotoluene	ND	96	95	1.0	96	89	7.6
4-Methyl-2-pentanone	ND	111	105	5.6	98	89	9.6
Acetone	ND	107	113	5.5	94	87	7.7
Acrylonitrile	ND	99	>150	NC	88	87	1.1
Benzene	ND	99	97	2.0	100	91	9.4
Bromobenzene	ND	97	96	1.0	94	89	5.5
Bromochloromethane	ND	100	96	4.1	99	93	6.3
Bromodichloromethane	ND	114	107	6.3	109	89	20.2
Bromoform	ND	120	118	1.7	112	103	8.4
Bromomethane	ND	94	92	2.2	92	70	27.2
Carbon Disulfide	ND	95	94	1.1	84	73	14.0
Carbon tetrachloride	ND	112	111	0.9	112	86	26.3
Chlorobenzene	ND	99	98	1.0	101	94	7.2
Chloroethane	ND	101	99	2.0	95	82	14.7
Chloroform	ND	104	102	1.9	102	88	14.7
Chloromethane	ND	89	84	5.8	86	62	32.4
cis-1,2-Dichloroethene	ND	97	95	2.1	96	91	5.3
cis-1,3-Dichloropropene	ND	102	109	6.6	92	82	11.5
Dibromochloromethane	ND	116	115	0.9	114	101	12.1
Dibromoethane	ND	104	100	3.9	100	87	13.9
Dibromomethane	ND	106	101	4.8	103	89	14.6
Dichlorodifluoromethane	ND	121	116	4.2	96	75	24.6
Ethylbenzene	ND	98	98	0.0	103	94	9.1
Hexachlorobutadiene	ND	92	91	1.1	90	79	13.0
Isopropylbenzene	ND	88	87	1.1	95	90	5.4
m&p-Xylene	ND	101	100	1.0	105	98	6.9
Methyl ethyl ketone	ND	102	99	3.0	96	86	11.0
Methyl t-butyl ether (MTBE)	ND	113	107	5.5	103	92	11.3
Methylene chloride	ND	86	86	0.0	86	77	11.0
Naphthalene	ND	88	78	12.0	74	81	9.0
n-Butylbenzene	ND	106	101	4.8	105	101	3.9
n-Propylbenzene	ND	99	97	2.0	98	93	5.2
o-Xylene	ND	104	103	1.0	105	98	6.9
p-Isopropyltoluene	ND	104	102	1.9	104	98	5.9
sec-Butylbenzene	ND	98	96	2.1	98	93	5.2
Styrene	ND	106	106	0.0	106	100	5.8
tert-Butylbenzene	ND	100	98	2.0	102	96	6.1
Tetrachloroethene	ND	95	97	2.1	103	91	12.4
Tetrahydrofuran (THF)	ND	100	85	16.2	77	79	2.6
Toluene	ND	95	92	3.2	97	81	18.0
trans-1,2-Dichloroethene	ND	90	86	4.5	93	85	9.0
trans-1,3-Dichloropropene	ND	105	103	1.9	97	85	13.2
trans-1,4-dichloro-2-butene	ND	110	108	1.8	91	75	19.3
Trichloroethene	ND	96	95	1.0	101	89	12.6
Trichlorofluoromethane	ND	120	116	3.4	112	86	26.3
Trichlorotrifluoroethane	ND	106	105	0.9	98	83	16.6
Vinyl chloride	ND	90	89	1.1	86	65	27.8
% 1,2-dichlorobenzene-d4	113	101	98	3.0	95	98	3.1
% Bromofluorobenzene	96	105	105	0.0	106	104	1.9

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
% Dibromofluoromethane	112	109	109	0.0	104	99	4.9
% Toluene-d8	102	104	100	3.9	99	95	4.1

Comment:

A blank MS/MSD was analyzed with this batch.

QA/QC Batch 154582, QC Sample No: AZ10944 (AZ10978, AZ10979, AZ10980, AZ10981, AZ10982, AZ10983, AZ10984, AZ10985, AZ10986, AZ10991)

TPH by GC (Extractable Products)

Ext. Petroleum HC	ND	96	100	4.1	102	104	1.9
% n-Pentacosane	60	65	70	7.4	94	70	29.3

QA/QC Batch 154571, QC Sample No: AZ10979 (AZ10978, AZ10979, AZ10980, AZ10981, AZ10982, AZ10983, AZ10984, AZ10985, AZ10986, AZ10991)

Polychlorinated Biphenyls

PCB-1016	ND	107	105	1.9	105	74	34.6
PCB-1221	ND						
PCB-1232	ND						
PCB-1242	ND						
PCB-1248	ND						
PCB-1254	ND						
PCB-1260	ND	107	102	4.8	98	74	27.9
PCB-1262	ND						
PCB-1268	ND						
% DCBP (Surrogate Rec)	82	75	77	2.6	77	54	35.1
% TCMX (Surrogate Rec)	86	81	81	0.0	80	58	31.9

QA/QC Batch 154668, QC Sample No: AZ10988 (AZ10988, AZ10989, AZ10990)

Semivolatiles

2-Methylnaphthalene	ND	78	80	2.5
Acenaphthene	ND	82	78	5.0
Acenaphthylene	ND	79	76	3.9
Anthracene	ND	94	92	2.2
Benz(a)anthracene	ND	84	85	1.2
Benzo(a)pyrene	ND	85	86	1.2
Benzo(b)fluoranthene	ND	87	87	0.0
Benzo(ghi)perylene	ND	88	85	3.5
Benzo(k)fluoranthene	ND	83	83	0.0
Chrysene	ND	81	84	3.6
Dibenz(a,h)anthracene	ND	86	87	1.2
Fluoranthene	ND	89	88	1.1
Fluorene	ND	83	85	2.4
Indeno(1,2,3-cd)pyrene	ND	86	88	2.3
Naphthalene	ND	71	74	4.1
Phenanthrene	ND	79	82	3.7
Pyrene	ND	86	87	1.2
% 2-Fluorobiphenyl	75	74	70	5.6
% Nitrobenzene-d5	59	68	72	5.7
% Terphenyl-d14	71	73	70	4.2

Comment:

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

QA/QC Batch 154708, QC Sample No: AZ11336 (AZ10978, AZ10979, AZ10980)

Volatiles

1,1,1,2-Tetrachloroethane	ND	100	102	2.0	92	92	0.0

QA/QC Data

SDG I.D.: GAZ10978

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
1,1,1-Trichloroethane	ND	104	104	0.0	104	104	0.0
1,1,2,2-Tetrachloroethane	ND	106	101	4.8	85	72	16.6
1,1,2-Trichloroethane	ND	102	104	1.9	96	94	2.1
1,1-Dichloroethane	ND	100	100	0.0	104	99	4.9
1,1-Dichloroethene	ND	83	85	2.4	102	100	2.0
1,1-Dichloropropene	ND	101	105	3.9	98	103	5.0
1,2,3-Trichlorobenzene	ND	106	106	0.0	60	72	18.2
1,2,3-Trichloropropane	ND	104	100	3.9	72	73	1.4
1,2,4-Trichlorobenzene	ND	106	104	1.9	68	77	12.4
1,2,4-Trimethylbenzene	ND	107	105	1.9	45	69	42.1
1,2-Dibromo-3-chloropropane	ND	101	102	1.0	96	91	5.3
1,2-Dichlorobenzene	ND	109	107	1.9	77	84	8.7
1,2-Dichloroethane	ND	104	105	1.0	89	88	1.1
1,2-Dichloropropane	ND	100	104	3.9	101	96	5.1
1,3,5-Trimethylbenzene	ND	107	104	2.8	70	87	21.7
1,3-Dichlorobenzene	ND	110	108	1.8	93	97	4.2
1,3-Dichloropropane	ND	105	102	2.9	94	94	0.0
1,4-Dichlorobenzene	ND	106	106	0.0	88	95	7.7
2,2-Dichloropropane	ND	98	100	2.0	96	110	13.6
2-Chlorotoluene	ND	106	107	0.9	88	91	3.4
2-Hexanone	ND	92	98	6.3	61	67	9.4
2-Isopropyltoluene	ND	110	106	3.7	85	94	10.1
4-Chlorotoluene	ND	109	108	0.9	91	98	7.4
4-Methyl-2-pentanone	ND	97	101	4.0	70	73	4.2
Acetone	ND	96	90	6.5	72	69	4.3
Acrylonitrile	ND	91	93	2.2	77	79	2.6
Benzene	ND	102	104	1.9	102	97	5.0
Bromobenzene	ND	110	110	0.0	92	92	0.0
Bromochloromethane	ND	106	104	1.9	108	125	14.6
Bromodichloromethane	ND	100	101	1.0	92	88	4.4
Bromoform	ND	92	86	6.7	71	73	2.8
Bromomethane	ND	97	94	3.1	92	96	4.3
Carbon Disulfide	ND	108	110	1.8	78	89	13.2
Carbon tetrachloride	ND	108	112	3.6	104	92	12.2
Chlorobenzene	ND	106	108	1.9	92	94	2.2
Chloroethane	ND	103	106	2.9	102	98	4.0
Chloroform	ND	116	98	16.8	120	119	0.8
Chloromethane	ND	95	95	0.0	97	97	0.0
cis-1,2-Dichloroethene	ND	100	101	1.0	98	97	1.0
cis-1,3-Dichloropropene	ND	100	103	3.0	82	83	1.2
Dibromochloromethane	ND	96	98	2.1	84	83	1.2
Dibromoethane	ND	104	106	1.9	86	86	0.0
Dibromomethane	ND	105	104	1.0	89	88	1.1
Dichlorodifluoromethane	ND	114	113	0.9	91	91	0.0
Ethylbenzene	ND	103	105	1.9	89	92	3.3
Hexachlorobutadiene	ND	104	98	5.9	51	70	31.4
Isopropylbenzene	ND	101	99	2.0	86	95	9.9
m&p-Xylene	ND	104	104	0.0	74	85	13.8
Methyl ethyl ketone	ND	91	96	5.3	77	81	5.1
Methyl t-butyl ether (MTBE)	ND	103	105	1.9	94	93	1.1
Methylene chloride	ND	89	88	1.1	90	89	1.1
Naphthalene	ND	106	110	3.7	NC	<40	NC
n-Butylbenzene	ND	107	106	0.9	56	79	34.1

QA/QC Data

SDG I.D.: GAZ10978

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
n-Propylbenzene	ND	110	108	1.8	80	95	17.1
o-Xylene	ND	106	108	1.9	82	89	8.2
p-Isopropyltoluene	ND	110	108	1.8	88	97	9.7
sec-Butylbenzene	ND	109	106	2.8	70	88	22.8
Styrene	ND	107	108	0.9	69	80	14.8
tert-Butylbenzene	ND	106	105	0.9	94	95	1.1
Tetrachloroethene	ND	104	106	1.9	102	102	0.0
Tetrahydrofuran (THF)	ND	102	104	1.9	98	97	1.0
Toluene	ND	101	105	3.9	96	94	2.1
trans-1,2-Dichloroethene	ND	94	95	1.1	93	97	4.2
trans-1,3-Dichloropropene	ND	99	101	2.0	72	77	6.7
trans-1,4-dichloro-2-butene	ND	104	100	3.9	72	73	1.4
Trichloroethene	ND	102	105	2.9	103	108	4.7
Trichlorofluoromethane	ND	110	109	0.9	107	107	0.0
Trichlorotrifluoroethane	ND	110	110	0.0	109	112	2.7
Vinyl chloride	ND	98	100	2.0	103	100	3.0
% 1,2-dichlorobenzene-d4	99	100	100	0.0	102	99	3.0
% Bromofluorobenzene	95	96	100	4.1	93	94	1.1
% Dibromofluoromethane	100	103	110	6.6	109	107	1.9
% Toluene-d8	96	98	99	1.0	99	97	2.0

QA/QC Batch 154718, QC Sample No: AZ11356 (AZ10982, AZ10984, AZ10985, AZ10986, AZ10991)

Volatiles

1,1,1,2-Tetrachloroethane	ND	99	96	3.1	95	77	20.9
1,1,1-Trichloroethane	ND	110	106	3.7	112	77	37.0
1,1,2,2-Tetrachloroethane	ND	94	89	5.5	115	111	3.5
1,1,2-Trichloroethane	ND	103	104	1.0	98	87	11.9
1,1-Dichloroethane	ND	103	103	0.0	109	79	31.9
1,1-Dichloroethene	ND	88	87	1.1	111	71	44.0
1,1-Dichloropropene	ND	106	101	4.8	108	77	33.5
1,2,3-Trichlorobenzene	ND	100	98	2.0	79	73	7.9
1,2,3-Trichloropropane	ND	95	92	3.2	74	72	2.7
1,2,4-Trichlorobenzene	ND	95	92	3.2	77	72	6.7
1,2,4-Trimethylbenzene	ND	103	100	3.0	86	75	13.7
1,2-Dibromo-3-chloropropane	ND	100	102	2.0	95	92	3.2
1,2-Dichlorobenzene	ND	104	103	1.0	97	85	13.2
1,2-Dichloroethane	ND	101	99	2.0	94	78	18.6
1,2-Dichloropropane	ND	107	102	4.8	104	84	21.3
1,3,5-Trimethylbenzene	ND	104	101	2.9	100	83	18.6
1,3-Dichlorobenzene	ND	104	101	2.9	94	83	12.4
1,3-Dichloropropane	ND	107	98	8.8	101	89	12.6
1,4-Dichlorobenzene	ND	102	98	4.0	94	82	13.6
2,2-Dichloropropane	ND	97	96	1.0	107	67	46.0
2-Chlorotoluene	ND	107	102	4.8	103	86	18.0
2-Hexanone	ND	92	86	6.7	55	55	0.0
2-Isopropyltoluene	ND	108	104	3.8	102	83	20.5
4-Chlorotoluene	ND	107	101	5.8	97	82	16.8
4-Methyl-2-pentanone	ND	100	94	6.2	83	79	4.9
Acetone	ND	91	89	2.2	45	43	4.5
Acrylonitrile	ND	91	91	0.0	93	84	10.2
Benzene	ND	107	104	2.8	103	76	30.2
Bromobenzene	ND	107	105	1.9	100	89	11.6
Bromochloromethane	ND	135	140	3.6	143	119	18.3

QA/QC Data

SDG I.D.: GAZ10978

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
Bromodichloromethane	ND	101	99	2.0	94	75	22.5
Bromoform	ND	87	82	5.9	70	66	5.9
Bromomethane	ND	97	94	3.1	98	68	36.1
Carbon Disulfide	ND	110	108	1.8	108	71	41.3
Carbon tetrachloride	ND	110	94	15.7	93	64	36.9
Chlorobenzene	ND	105	102	2.9	101	79	24.4
Chloroethane	ND	106	102	3.8	103	67	42.4
Chloroform	ND	125	123	1.6	131	98	28.8
Chloromethane	ND	102	100	2.0	105	64	48.5
cis-1,2-Dichloroethene	ND	104	104	0.0	109	81	29.5
cis-1,3-Dichloropropene	ND	101	98	3.0	88	74	17.3
Dibromochloromethane	ND	95	91	4.3	85	77	9.9
Dibromoethane	ND	108	105	2.8	100	88	12.8
Dibromomethane	ND	105	103	1.9	101	88	13.8
Dichlorodifluoromethane	ND	119	119	0.0	92	57	47.0
Ethylbenzene	ND	105	99	5.9	101	78	25.7
Hexachlorobutadiene	ND	91	88	3.4	81	68	17.4
Isopropylbenzene	ND	100	97	3.0	105	86	19.9
m&p-Xylene	ND	103	98	5.0	96	75	24.6
Methyl ethyl ketone	ND	96	93	3.2	58	53	9.0
Methyl t-butyl ether (MTBE)	ND	103	100	3.0	92	82	11.5
Methylene chloride	ND	94	89	5.5	97	75	25.6
Naphthalene	ND	108	105	2.8	75	87	14.8
n-Butylbenzene	ND	105	100	4.9	95	80	17.1
n-Propylbenzene	ND	109	104	4.7	105	83	23.4
o-Xylene	ND	107	104	2.8	104	81	24.9
p-Isopropyltoluene	ND	108	103	4.7	99	82	18.8
sec-Butylbenzene	ND	108	103	4.7	105	86	19.9
Styrene	ND	103	102	1.0	97	80	19.2
tert-Butylbenzene	ND	108	102	5.7	103	84	20.3
Tetrachloroethene	ND	102	98	4.0	104	77	29.8
Tetrahydrofuran (THF)	ND	108	101	6.7	105	103	1.9
Toluene	ND	105	102	2.9	101	76	28.2
trans-1,2-Dichloroethene	ND	98	94	4.2	106	75	34.3
trans-1,3-Dichloropropene	ND	97	94	3.1	84	71	16.8
trans-1,4-dichloro-2-butene	ND	95	92	3.2	74	72	2.7
Trichloroethene	ND	112	109	2.7	98	71	32.0
Trichlorofluoromethane	ND	118	109	7.9	110	75	37.8
Trichlorotrifluoroethane	ND	115	113	1.8	116	80	36.7
Vinyl chloride	ND	104	103	1.0	106	63	50.9
% 1,2-dichlorobenzene-d4	103	101	102	1.0	100	104	3.9
% Bromofluorobenzene	95	96	96	0.0	98	94	4.2
% Dibromofluoromethane	98	100	107	6.8	106	104	1.9
% Toluene-d8	97	99	99	0.0	98	99	1.0

QA/QC Batch 154728, QC Sample No: AZ11476 (AZ10981, AZ10983)

Volatiles

1,1,1,2-Tetrachloroethane	ND	99	100	1.0	100	97	3.0
1,1,1-Trichloroethane	ND	113	111	1.8	109	108	0.9
1,1,2,2-Tetrachloroethane	ND	91	86	5.6	68	65	4.5
1,1,2-Trichloroethane	ND	100	101	1.0	105	98	6.9
1,1-Dichloroethane	ND	108	109	0.9	110	107	2.8
1,1-Dichloroethene	ND	92	93	1.1	111	108	2.7

QA/QC Data

SDG I.D.: GAZ10978

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
1,1-Dichloropropene	ND	102	105	2.9	109	102	6.6
1,2,3-Trichlorobenzene	ND	96	105	9.0	88	87	1.1
1,2,3-Trichloropropane	ND	89	86	3.4	73	72	1.4
1,2,4-Trichlorobenzene	ND	94	99	5.2	84	81	3.6
1,2,4-Trimethylbenzene	ND	99	101	2.0	98	92	6.3
1,2-Dibromo-3-chloropropane	ND	92	94	2.2	92	86	6.7
1,2-Dichlorobenzene	ND	102	106	3.8	98	95	3.1
1,2-Dichloroethane	ND	103	103	0.0	105	102	2.9
1,2-Dichloropropane	ND	102	103	1.0	102	96	6.1
1,3,5-Trimethylbenzene	ND	101	101	0.0	101	95	6.1
1,3-Dichlorobenzene	ND	100	102	2.0	94	93	1.1
1,3-Dichloropropane	ND	101	99	2.0	100	97	3.0
1,4-Dichlorobenzene	ND	96	100	4.1	92	93	1.1
2,2-Dichloropropane	ND	103	100	3.0	98	109	10.6
2-Chlorotoluene	ND	102	101	1.0	101	96	5.1
2-Hexanone	ND	80	83	3.7	76	73	4.0
2-Isopropyltoluene	ND	105	104	1.0	105	99	5.9
4-Chlorotoluene	ND	101	103	2.0	97	93	4.2
4-Methyl-2-pentanone	ND	90	92	2.2	85	85	0.0
Acetone	ND	73	86	16.4	75	74	1.3
Acrylonitrile	ND	93	91	2.2	91	88	3.4
Benzene	ND	103	103	0.0	105	101	3.9
Bromobenzene	ND	104	102	1.9	102	100	2.0
Bromochloromethane	ND	109	111	1.8	123	137	10.8
Bromodichloromethane	ND	97	100	3.0	98	94	4.2
Bromoform	ND	83	83	0.0	79	77	2.6
Bromomethane	ND	107	105	1.9	105	107	1.9
Carbon Disulfide	ND	115	116	0.9	108	108	0.0
Carbon tetrachloride	ND	109	114	4.5	115	111	3.5
Chlorobenzene	ND	105	104	1.0	103	99	4.0
Chloroethane	ND	113	115	1.8	106	107	0.9
Chloroform	ND	104	106	1.9	126	125	0.8
Chloromethane	ND	97	101	4.0	96	93	3.2
cis-1,2-Dichloroethene	ND	109	111	1.8	111	141	23.8
cis-1,3-Dichloropropene	ND	97	99	2.0	94	91	3.2
Dibromochloromethane	ND	94	91	3.2	87	85	2.3
Dibromoethane	ND	102	106	3.8	103	101	2.0
Dibromomethane	ND	102	103	1.0	103	104	1.0
Dichlorodifluoromethane	ND	123	124	0.8	91	90	1.1
Ethylbenzene	ND	103	102	1.0	103	99	4.0
Hexachlorobutadiene	ND	98	96	2.1	99	94	5.2
Isopropylbenzene	ND	97	95	2.1	105	98	6.9
m&p-Xylene	ND	101	102	1.0	100	97	3.0
Methyl ethyl ketone	ND	87	90	3.4	82	83	1.2
Methyl t-butyl ether (MTBE)	ND	106	106	0.0	107	102	4.8
Methylene chloride	ND	94	93	1.1	97	98	1.0
Naphthalene	ND	105	108	2.8	92	95	3.2
n-Butylbenzene	ND	102	100	2.0	95	90	5.4
n-Propylbenzene	ND	104	101	2.9	100	97	3.0
o-Xylene	ND	106	106	0.0	103	100	3.0
p-Isopropyltoluene	ND	104	103	1.0	101	95	6.1
sec-Butylbenzene	ND	105	102	2.9	104	100	3.9
Styrene	ND	104	102	1.9	101	98	3.0

QA/QC Data

SDG I.D.: GAZ10978

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
tert-Butylbenzene	ND	104	103	1.0	106	101	4.8
Tetrachloroethene	ND	104	100	3.9	105	101	3.9
Tetrahydrofuran (THF)	ND	98	97	1.0	89	88	1.1
Toluene	ND	103	103	0.0	105	100	4.9
trans-1,2-Dichloroethene	ND	100	104	3.9	109	110	0.9
trans-1,3-Dichloropropene	ND	95	98	3.1	91	90	1.1
trans-1,4-dichloro-2-butene	ND	88	86	2.3	73	72	1.4
Trichloroethene	ND	108	113	4.5	123	120	2.5
Trichlorofluoromethane	ND	124	118	5.0	113	112	0.9
Trichlorotrifluoroethane	ND	126	120	4.9	120	119	0.8
Vinyl chloride	ND	107	108	0.9	106	103	2.9
% 1,2-dichlorobenzene-d4	101	99	99	0.0	104	100	3.9
% Bromofluorobenzene	97	98	99	1.0	99	97	2.0
% Dibromofluoromethane	103	107	107	0.0	110	107	2.8
% Toluene-d8	97	97	100	3.0	100	99	1.0

Comment:

A blank MS/MSD was analyzed with this batch.

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

Phyllis Shiller, Laboratory Director
June 14, 2010

Reasonable Confidence Protocol
Laboratory Analysis QA/QC Certification Form

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

Project Location: WOLCOTT RTE 69 **Project Number:**

Laboratory Sample ID(s): AZ10978, AZ10979, AZ10980, AZ10981, AZ10982, AZ10983, AZ10984, AZ10985, AZ10986, AZ10987, AZ10988, AZ10989, AZ10990, AZ10991, AZ10992, AZ10993, AZ10994, AZ10995

Sampling Date(s): 6/2/2010

RCP Methods Used:

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

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

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

Date: Monday, June 14, 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

June 14, 2010

SDG I.D.: GAZ10978

AZ10978, AZ10982, AZ10984 and AZ10985 - Client provided low level VOC vials had to much sample and would not purge for the volatile analysis. Phoenix prepared sample per method 5035.

Sample AZ10987, the surrogate compound for the ETPH analysis had low recovery. There was insufficient sample for re-extract. A low bias is possible.

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.

8270 Semi-volatile Organics:
Only the PAH constituents are reported as requested on the chain-of-custody. In order to achieve the requested reporting levels for the target compounds, the sample was extracted and analyzed via 8270 selective ion monitoring (SIM).

ETPH Narration

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

The LCS/LCSD RPD was greater than 20 due to variability in the extractions of the LCS and LCSD. The sample results were "ND"; a sample bias is not suspected.

Instrument: Au-fid1 06/04/10-1 (AZ10978, AZ10979, AZ10980, AZ10981, AZ10982, AZ10983, AZ10984, AZ10985, AZ10991)

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

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

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

Printed Name Keith Aloisa
Position: Chemist
Date: 6/4/2010

Instrument: Au-xl1 06/04/10-1 (AZ10978, AZ10979, AZ10980, AZ10981, AZ10982, AZ10983, AZ10984, AZ10985, AZ10991)

Initial Calibration (FIDXL1 - APR 2010/ETPH_1) - The initial calibration curve was within method criteria and had a %RSD less than 30%.

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

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

Printed Name Keith Aloisa
Position: Chemist
Date: 6/4/2010

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

RCP Certification Report

June 14, 2010

SDG I.D.: GAZ10978

Instrument: Au-xl1 06/07/10-1 (AZ10988, AZ10989, AZ10990, AZ10994)

Initial Calibration (FIDXL1 - APR 2010/ETPH_1) - The initial calibration curve was within method criteria and had a %RSD less than 30%.

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

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

Printed Name Keith Aloisa
Position: Chemist
Date: 6/7/2010

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: % n-Pentacosane, Ext. Petroleum HC

Mercury Narration

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

Instrument: Merlin 06/04/10-1 (AZ10978, AZ10979, AZ10980, AZ10981, AZ10982, AZ10983, AZ10984, AZ10985, AZ10991)

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: 6/4/2010

Instrument: Merlin 06/07/10-1 (AZ10988, AZ10989, AZ10990)

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.

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

June 14, 2010

SDG I.D.: GAZ10978

Printed Name	Rick Schweitzer
Position:	Chemist
Date:	6/7/2010

QC (Site 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.

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

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

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

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

QC (Batch Specific)

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

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

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

ICP Narration

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

Instrument: Icp9 06/04/10-1 (AZ10978, AZ10979, AZ10980, AZ10981, AZ10982, AZ10983, AZ10984, AZ10985, AZ10990)

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:	6/4/2010

Instrument: Icp9 06/07/10-1 (AZ10991)

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.

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

June 14, 2010

SDG I.D.: GAZ10978

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: 6/7/2010

Instrument: Icp9 06/08/10-1 (AZ10988, AZ10989)

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: 6/8/2010

QC (Site 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.

All MS recoveries were within 75 - 125 with the following exceptions: Selenium

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

All MS/MSD RPDs were less than 20% with the following exceptions: None.

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

QC (Batch Specific)

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

All LCSD recoveries were within 75 - 125 with the following exceptions: 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: Chem04 06/04/10-1 (AZ10978, AZ10979, AZ10980, AZ10981, AZ10982, AZ10983, AZ10984, AZ10985)

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

June 14, 2010

SDG I.D.: GAZ10978

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

Initial Calibration (Chem04/BN_0527):
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 compounds had >20% difference from the initial calibration: None.

Printed Name Harry Mullin
Position: Chemist
Date: 6/4/2010

Instrument: Chem07 06/04/10-1 (AZ10991)

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

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.

Initial Calibration (Chem07/BN_0505):
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: % Terphenyl-d14

Printed Name Keith Aloisa
Position: Chemist
Date: 6/4/2010

Instrument: Chem07 06/08/10-1 (AZ10981)

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

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.

Initial Calibration (Chem07/BN_0505):
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

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

June 14, 2010

SDG I.D.: GAZ10978

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: Benzo(ghi)perylene

Printed Name Harry Mullin
Position: Chemist
Date: 6/8/2010

QC (Batch Specific)

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

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

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

PAHSIM Narration

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

Instrument: Chem04 06/07/10-1 (AZ10988, AZ10989, AZ10990)

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

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.

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

Initial Calibration (Chem04/SIMBN_0607):
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: benzo (a) pyrene

Printed Name Harry Mullin
Position: Chemist
Date: 6/7/2010

QC Comments: QC Batch 54668 06/05/10 (AZ10988, AZ10989, AZ10990)

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

June 14, 2010

SDG I.D.: GAZ10978

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

QC (Site Specific)

All LCS recoveries were within 20 - 130 with the following exceptions: None.

All LCSD recoveries were within 20 - 130 with the following exceptions: None.

All LCS/LCSD 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.

PCB Narration

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

Instrument: Au-ecd5 06/04/10-1 (AZ10991)

8082 Narration:

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

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

Printed Name Michael Hahn
Position: Chemist
Date: 6/4/2010

Instrument: Au-ecd7 06/07/10-1 (AZ10979)

8082 Narration:

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

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

Printed Name Michael Hahn
Position: Chemist
Date: 6/7/2010

QC Comments: QC Batch 54754 06/07/10 (AZ10988, AZ10989, AZ10990)

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

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

June 14, 2010

SDG I.D.: GAZ10978

QC (Site 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.

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: % DCBP (Surrogate Rec), % TCMX (Surrogate Rec), PCB-1016

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: % DCBP (Surrogate Rec), PCB-1016

SVOASIM Narration

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

QC Comments: QC Batch 54668 06/05/10 (AZ10988, AZ10989, AZ10990)

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

QC (Site 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.

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

VOA Narration

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

For sample ID AZ10993 several of the LCS/LCSD RPD were above 20%. These compounds were not detected in the sample. NO significant analytical bias is suspected.

Instrument: Chem01 06/04/10-2 (AZ10993)

Initial Calibration Verification (CHEM01/RCP_0514):

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

June 14, 2010

SDG I.D.: GAZ10978

All SPCCs, CCCs and >80% of target compounds met criteria.
The following compounds had %RSDs >30%: 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%: 4-Chlorotoluene, Hexachlorobutadiene

Printed Name Johanna Harrington
Position: Chemist
Date: 6/4/2010

Instrument: Chem02 06/03/10-1 (AZ10990, AZ10992, AZ10994)

P-Side
Initial Calibration (RPP_0528):
All SPCCs, CCCs and >80% of target compounds met criteria.

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.

Q-Side
Initial Calibration (RPQ_0528):
All SPCCs, CCCs and >80% of target compounds met criteria.

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%: Acetone, 1,2,4-Trichlorobenzene, Naphthalene, 1,2,3-Trichlorobenzene

Printed Name Johanna Harrington
Position: Chemist
Date: 6/3/2010

Instrument: Chem08 06/03/10-1 (AZ10987, AZ10988, AZ10989)

R -Side
Initial Calibration(RCPR_0525):
All SPCCs, CCCs and >80% of target compounds met criteria.

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

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

June 14, 2010

SDG I.D.: GAZ10978

S -Side
Initial Calibration(RCPS_0525):
All SPCCs, CCCs and >80% of target compounds met criteria.

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%:

Printed Name Johanna Harrington
Position: Chemist
Date: 6/3/2010

Instrument: Chem11 06/04/10-1 (AZ10978, AZ10979, AZ10980)

Initial Calibration Verification (CHEM11/RCPS_0428):
All SPCCs, CCCs and >80% of target compounds met criteria.
The following compounds had %RSDs >30%: 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.

Printed Name Johanna Harrington
Position: Chemist
Date: 6/4/2010

Instrument: Chem11 06/04/10-2 (AZ10982, AZ10984, AZ10985, AZ10986, AZ10991)

Initial Calibration Verification (CHEM11/RCPS_0428):
All SPCCs, CCCs and >80% of target compounds met criteria.
The following compounds had %RSDs >30%: 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.

Printed Name Johanna Harrington
Position: Chemist
Date: 6/4/2010

Instrument: Chem11 06/06/10-2 (AZ10981, AZ10983)

Initial Calibration Verification (CHEM11/RCPS_0428):
All SPCCs, CCCs and >80% of target compounds met criteria.
The following compounds had %RSDs >30%: None.
Continuing Calibration Verification:

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

June 14, 2010

SDG I.D.: GAZ10978

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%:

Printed Name	Johanna Harrington
Position:	Chemist
Date:	6/6/2010

QC (Batch Specific)

All LCS recoveries were within 70 - 130 with the following exceptions: 1,2,3-Trichlorobenzene, 4-Chlorotoluene, Acetone, Bromochloromethane, Naphthalene

All LCSD recoveries were within 70 - 130 with the following exceptions: 4-Chlorotoluene, Acrylonitrile, Bromochloromethane, Bromomethane

All LCS/LCSD RPDs were less than 30% with the following exceptions: Bromomethane, Hexachlorobutadiene

PHOENIX Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

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

Temp 6° Pg 1 of 2

Data Delivery:
☐ Fax #:
☒ Email: paul.dalakas@teamdtc.com

Customer: Diversified Technology Consultants
Address: 2321 Whitney Ave Suite 301
Hamden CT 06518

Project: Wolcott - Rte 69
Report to: Paul Dalakas
Invoice to: D.T.C. ★ DAS Pricing ★

Project P.O: 09-188-01E
Phone #: 203-239-4200
Fax #:

Client Sample - Information - Identification

Sampler's Signature: Jon Cohen Date 6/2/10

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	PAHs 8270	PCBs 8082	Total RCRA-8	Dissolved RCRA-8							Soil VOA (4) Methanol [ ] S. Bisulfate (2) H20	GL Soil container (8) oz	GL Soil container (4) oz	40 ml VOA Vial [ ] As is (4) HCl	GL Amber 1000ml (4) As is [ ] H2SO4	PL As is [ ] 250ml (4) 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
10978	B-1 2-3.4'	S	6-2	1100	*	*	*	*	*								*	1	1							
10979	B-2 2-4'	S	↓	0900	*	*	*	*	*								*	1	1							
10980	B-2 4-6'	S		0915	*	*	*	*	*								*	1								
10981	B-3 4-6'	S		0815	*	*	*	*	*								*	2								
10982	B-3 6-8'	S		0825	*	*	*	*	*								*	2								
10983	B-4 1.5-3.2'	S		1000	*	*	*	*	*								*	2								
10984	B-4 4-6'	S		1015	*	*	*	*	*								*	2								
10985	B-5 2-3.6'	S		1130	*	*	*	*	*								*	1								
10986	B-5 4-5'	S		1140	*												*		1							
10987	B-2	GW		0945	*	*														2	1					
10988	B-3	GW		0845	*	*	*	*			*									2	3	1				
10989	B-4	GW	↓	1030	*	*	*	*			*									2	3	1				

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	6/3/10	11:25
[signature]	[signature]		17:02

Comments, Special Requirements or Regulations:
Will need to run SPLP/TCLP analysis on some samples after initial report. Please retain samples for this purpose

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 4 Pg 2 of 2

Data Delivery:
☐ Fax #:
☒ Email: paul.dalakas@tetratc.com

Customer: D.T.C.
Address: 2321 whitney Ave Suite 301
Hamden CT 06518

Project: Wolcott - Rte 69
Report to: Paul Dalakas
Invoice to: D.T.C. * DAS Primary

Project P.O: 09-188-01E
Phone #: 203-239-4200
Fax #:

Client Sample - Information - Identification

Sampler's Signature: Jean Cook Date 6/2/10

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	RAHs 8270	PCBs 8082	ETPH	Total RCRA-8	Dissolved RCRA-8	Soil VOA (1) Methanol [ ] S. Bisulfate (2) H20	GL Soil container (8) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is (1) HCl	GL Amber 1000ml (2) As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
10990	Duplicate - 1	GW	6-2		*	*	*	*		*						2	3	1		
10991	Duplicate - 2	SO	6-2		*	*	*	*	*			*	1							
10992	Trip Blank - 1		6-2		*											1				
10993	Trip Blank - 2 high		6-2		*							1								
10994	Field Blank	O	6-2		*			*								2	1			

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	6/3/10	11:25
[signature]	[signature]	6/3/10	17:02

Comments, Special Requirements or Regulations:

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☐ Standard
☐ Other

* 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.

Thursday, June 17, 2010

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

Project ID: WOLCOTT RTE 69
Sample ID#s: AZ10978, AZ10980, AZ10985, AZ10991

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

June 17, 2010

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	JC	06/02/10	11:00
Location Code:	DTECHC	Received by:	LB	06/03/10	0:00
Rush Request:	RUSH#	Analyzed by:	see "By" below		
P.O.#:	09-188-01E				

Laboratory Data

SDG ID: GAZ10978
Phoenix ID: AZ10978

Project ID: WOLCOTT RTE 69

Client ID: B-1 2-3.4 FT

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.36	0.36	mg/Kg	06/05/10		LK	SW6010
Arsenic	< 0.7	0.7	mg/Kg	06/05/10		LK	SW6010
Barium	59.7	0.36	mg/Kg	06/05/10		LK	SW6010
Cadmium	< 0.36	0.36	mg/Kg	06/05/10		LK	SW6010
Chromium	29.1	0.36	mg/Kg	06/05/10		LK	SW6010
Mercury	< 0.09	0.09	mg/Kg	06/04/10		RS	SW-7471
Lead	5.28	0.36	mg/Kg	06/05/10		LK	SW6010
Selenium	< 1.5	1.5	mg/Kg	06/05/10		EK	SW6010
SPLP Barium	< 0.010	0.010	mg/L	06/16/10		LK	E1312/SW6010
Percent Solid	89		%	06/03/10		C / JL	E160.3
Soil Extraction for PCB	Completed			06/03/10		QB/D	SW3545
Soil Extraction SVOA BN	Completed			06/03/10		LS/D	SW3545
Extraction of CT ETPH	Completed			06/03/10		QS/D	3545
Mercury Digestion	Completed			06/04/10		K	SW7471
SPLP Extraction for Metals	Completed			06/15/10		K	EPA 1312
Total Metals Digest	Completed			06/03/10		Q/AG	SW846 - 3050
SPLP Metals Digestion	Completed			06/16/10		K	SW846-3005
Field Extraction	Completed			06/02/10		JC	SW5035
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
1,1,1-Trichloroethane	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	3.4	ug/Kg	06/05/10		R/J	SW8260
1,1,2-Trichloroethane	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
1,1-Dichloroethane	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
1,1-Dichloroethene	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
1,1-Dichloropropene	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
1,2,3-Trichlorobenzene	ND	5.6	ug/Kg	06/05/10		R/J	SW8260

Project ID: WOLCOTT RTE 69 **Phoenix I.D.:** AZ10978
Client ID: B-1 2-3.4 FT

Parameter	Result	RL	Units	Date	Time	By	Reference
1,2,3-Trichloropropane	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
1,2,4-Trichlorobenzene	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
1,2,4-Trimethylbenzene	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
1,2-Dichlorobenzene	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
1,2-Dichloroethane	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
1,2-Dichloropropane	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
1,3,5-Trimethylbenzene	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
1,3-Dichlorobenzene	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
1,3-Dichloropropane	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
1,4-Dichlorobenzene	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
2,2-Dichloropropane	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
2-Chlorotoluene	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
2-Hexanone	ND	28	ug/Kg	06/05/10		R/J	SW8260
2-Isopropyltoluene	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
4-Chlorotoluene	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
4-Methyl-2-pentanone	ND	28	ug/Kg	06/05/10		R/J	SW8260
Acetone	ND	110	ug/Kg	06/05/10		R/J	SW8260
Acrylonitrile	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
Benzene	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
Bromobenzene	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
Bromochloromethane	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
Bromodichloromethane	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
Bromoform	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
Bromomethane	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
Carbon Disulfide	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
Carbon tetrachloride	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
Chlorobenzene	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
Chloroethane	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
Chloroform	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
Chloromethane	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
cis-1,2-Dichloroethene	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
cis-1,3-Dichloropropene	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
Dibromochloromethane	ND	3.4	ug/Kg	06/05/10		R/J	SW8260
Dibromoethane	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
Dibromomethane	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
Dichlorodifluoromethane	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
Ethylbenzene	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
Hexachlorobutadiene	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
Isopropylbenzene	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
m&p-Xylene	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
Methyl Ethyl Ketone	ND	34	ug/Kg	06/05/10		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	06/05/10		R/J	SW8260
Methylene chloride	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
Naphthalene	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
n-Butylbenzene	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
n-Propylbenzene	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
o-Xylene	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
p-Isopropyltoluene	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
sec-Butylbenzene	ND	5.6	ug/Kg	06/05/10		R/J	SW8260

Project ID: WOLCOTT RTE 69
Client ID: B-1 2-3.4 FT

Phoenix I.D.: AZ10978

Parameter	Result	RL	Units	Date	Time	By	Reference
Styrene	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
tert-Butylbenzene	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
Tetrachloroethene	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
Tetrahydrofuran (THF)	ND	11	ug/Kg	06/05/10		R/J	SW8260
Toluene	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
Total Xylenes	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
trans-1,2-Dichloroethene	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
trans-1,3-Dichloropropene	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	06/05/10		R/J	SW8260
Trichloroethene	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
Trichlorofluoromethane	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
Trichlorotrifluoroethane	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
Vinyl chloride	ND	5.6	ug/Kg	06/05/10		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	98		%	06/05/10		R/J	SW8260
% Bromofluorobenzene	94		%	06/05/10		R/J	SW8260
% Dibromofluoromethane	93		%	06/05/10		R/J	SW8260
% Toluene-d8	95		%	06/05/10		R/J	SW8260
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	11	mg/Kg	06/07/10		KCA	CT ETPH/8015
Identification	ND		mg/Kg	06/07/10		KCA	CT ETPH/8015
QA/QC Surrogates							
% n-Pentacosane	63		%	06/07/10		KCA	CT ETPH/8015
Polychlorinated Biphenyls							
PCB-1016	ND	370	ug/Kg	06/04/10		MH	SW 8082
PCB-1221	ND	370	ug/Kg	06/04/10		MH	SW 8082
PCB-1232	ND	370	ug/Kg	06/04/10		MH	SW 8082
PCB-1242	ND	370	ug/Kg	06/04/10		MH	SW 8082
PCB-1248	ND	370	ug/Kg	06/04/10		MH	SW 8082
PCB-1254	ND	370	ug/Kg	06/04/10		MH	SW 8082
PCB-1260	ND	370	ug/Kg	06/04/10		MH	SW 8082
PCB-1262	ND	370	ug/Kg	06/04/10		MH	SW 8082
PCB-1268	ND	370	ug/Kg	06/04/10		MH	SW 8082
QA/QC Surrogates							
% DCBP	78		%	06/04/10		MH	SW 8082
% TCMX	91		%	06/04/10		MH	SW 8082
Polynuclear Aromatic HC							
2-Methylnaphthalene	ND	260	ug/Kg	06/04/10		HM	SW 8270
Acenaphthene	ND	260	ug/Kg	06/04/10		HM	SW 8270
Acenaphthylene	ND	260	ug/Kg	06/04/10		HM	SW 8270
Anthracene	ND	260	ug/Kg	06/04/10		HM	SW 8270
Benz(a)anthracene	ND	260	ug/Kg	06/04/10		HM	SW 8270
Benzo(a)pyrene	ND	260	ug/Kg	06/04/10		HM	SW 8270
Benzo(b)fluoranthene	ND	260	ug/Kg	06/04/10		HM	SW 8270
Benzo(ghi)perylene	ND	260	ug/Kg	06/04/10		HM	SW 8270
Benzo(k)fluoranthene	ND	260	ug/Kg	06/04/10		HM	SW 8270
Chrysene	ND	260	ug/Kg	06/04/10		HM	SW 8270

Project ID: WOLCOTT RTE 69 **Phoenix I.D.:** AZ10978
Client ID: B-1 2-3.4 FT

Parameter	Result	RL	Units	Date	Time	By	Reference
Dibenz(a,h)anthracene	ND	260	ug/Kg	06/04/10		HM	SW 8270
Fluoranthene	ND	260	ug/Kg	06/04/10		HM	SW 8270
Fluorene	ND	260	ug/Kg	06/04/10		HM	SW 8270
Indeno(1,2,3-cd)pyrene	ND	260	ug/Kg	06/04/10		HM	SW 8270
Naphthalene	ND	260	ug/Kg	06/04/10		HM	SW 8270
Phenanthrene	ND	260	ug/Kg	06/04/10		HM	SW 8270
Pyrene	ND	260	ug/Kg	06/04/10		HM	SW 8270
QA/QC Surrogates							
% 2-Fluorobiphenyl	58		%	06/04/10		HM	SW 8270
% Nitrobenzene-d5	59		%	06/04/10		HM	SW 8270
% Terphenyl-d14	59		%	06/04/10		HM	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

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

Phyllis Shiller

Phyllis Shiller, Laboratory Director
June 18, 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

June 17, 2010

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	JC	06/02/10	9:15
Location Code:	DTECHC	Received by:	LB	06/03/10	0:00
Rush Request:	RUSH#	Analyzed by:	see "By" below		
P.O.#:	09-188-01E				

Laboratory Data

SDG ID: GAZ10978
Phoenix ID: AZ10980

Project ID: WOLCOTT RTE 69

Client ID: B-2 4-6 FT

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.42	0.42	mg/Kg	06/05/10		LK	SW6010
Arsenic	4.3	0.8	mg/Kg	06/05/10		LK	SW6010
Barium	49.3	0.42	mg/Kg	06/05/10		LK	SW6010
Cadmium	< 0.42	0.42	mg/Kg	06/05/10		LK	SW6010
Chromium	20.5	0.42	mg/Kg	06/05/10		LK	SW6010
Mercury	< 0.08	0.08	mg/Kg	06/04/10		RS	SW-7471
Lead	7.21	0.42	mg/Kg	06/05/10		LK	SW6010
Selenium	< 1.7	1.7	mg/Kg	06/05/10		LK	SW6010
SPLP Arsenic	0.007	0.004	mg/L	06/16/10		LK	E1312/SW6010
Percent Solid	76		%	06/03/10		C / JL	E160.3
Soil Extraction for PCB	Completed			06/03/10		QB/D	SW3545
Soil Extraction SVOA BN	Completed			06/03/10		LS/D	SW3545
Extraction of CT ETPH	Completed			06/03/10		QS/AD	3545
Mercury Digestion	Completed			06/04/10		K	SW7471
SPLP Extraction for Metals	Completed			06/15/10		K	EPA 1312
Total Metals Digest	Completed			06/03/10		Q/AG	SW846 - 3050
SPLP Metals Digestion	Completed			06/16/10		K	SW846-3005
Field Extraction	Completed			06/02/10		JC	SW5035
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
1,1,1-Trichloroethane	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	3.2	ug/Kg	06/05/10		R/J	SW8260
1,1,2-Trichloroethane	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
1,1-Dichloroethane	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
1,1-Dichloroethene	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
1,1-Dichloropropene	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
1,2,3-Trichlorobenzene	ND	5.3	ug/Kg	06/05/10		R/J	SW8260

Project ID: WOLCOTT RTE 69
Client ID: B-2 4-6 FT

Phoenix I.D.: AZ10980

Parameter	Result	RL	Units	Date	Time	By	Reference
1,2,3-Trichloropropane	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
1,2,4-Trichlorobenzene	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
1,2,4-Trimethylbenzene	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
1,2-Dichlorobenzene	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
1,2-Dichloroethane	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
1,2-Dichloropropane	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
1,3,5-Trimethylbenzene	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
1,3-Dichlorobenzene	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
1,3-Dichloropropane	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
1,4-Dichlorobenzene	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
2,2-Dichloropropane	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
2-Chlorotoluene	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
2-Hexanone	ND	27	ug/Kg	06/05/10		R/J	SW8260
2-Isopropyltoluene	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
4-Chlorotoluene	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
4-Methyl-2-pentanone	ND	27	ug/Kg	06/05/10		R/J	SW8260
Acetone	ND	110	ug/Kg	06/05/10		R/J	SW8260
Acrylonitrile	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
Benzene	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
Bromobenzene	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
Bromochloromethane	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
Bromodichloromethane	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
Bromoform	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
Bromomethane	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
Carbon Disulfide	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
Carbon tetrachloride	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
Chlorobenzene	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
Chloroethane	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
Chloroform	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
Chloromethane	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
cis-1,2-Dichloroethene	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
cis-1,3-Dichloropropene	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
Dibromochloromethane	ND	3.2	ug/Kg	06/05/10		R/J	SW8260
Dibromoethane	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
Dibromomethane	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
Dichlorodifluoromethane	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
Ethylbenzene	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
Hexachlorobutadiene	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
Isopropylbenzene	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
m&p-Xylene	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
Methyl Ethyl Ketone	ND	32	ug/Kg	06/05/10		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	06/05/10		R/J	SW8260
Methylene chloride	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
Naphthalene	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
n-Butylbenzene	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
n-Propylbenzene	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
o-Xylene	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
p-Isopropyltoluene	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
sec-Butylbenzene	ND	5.3	ug/Kg	06/05/10		R/J	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference
Styrene	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
tert-Butylbenzene	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
Tetrachloroethene	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
Tetrahydrofuran (THF)	ND	11	ug/Kg	06/05/10		R/J	SW8260
Toluene	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
Total Xylenes	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
trans-1,2-Dichloroethene	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
trans-1,3-Dichloropropene	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	06/05/10		R/J	SW8260
Trichloroethene	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
Trichlorofluoromethane	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
Trichlorotrifluoroethane	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
Vinyl chloride	ND	5.3	ug/Kg	06/05/10		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	101		%	06/05/10		R/J	SW8260
% Bromofluorobenzene	96		%	06/05/10		R/J	SW8260
% Dibromofluoromethane	109		%	06/05/10		R/J	SW8260
% Toluene-d8	96		%	06/05/10		R/J	SW8260
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	13	mg/Kg	06/07/10		KCA	CT ETPH/8015
Identification	ND		mg/Kg	06/07/10		KCA	CT ETPH/8015
QA/QC Surrogates							
% n-Pentacosane	50		%	06/07/10		KCA	CT ETPH/8015
Polychlorinated Biphenyls							
PCB-1016	ND	440	ug/Kg	06/04/10		MH	SW 8082
PCB-1221	ND	440	ug/Kg	06/04/10		MH	SW 8082
PCB-1232	ND	440	ug/Kg	06/04/10		MH	SW 8082
PCB-1242	ND	440	ug/Kg	06/04/10		MH	SW 8082
PCB-1248	ND	440	ug/Kg	06/04/10		MH	SW 8082
PCB-1254	ND	440	ug/Kg	06/04/10		MH	SW 8082
PCB-1260	ND	440	ug/Kg	06/04/10		MH	SW 8082
PCB-1262	ND	440	ug/Kg	06/04/10		MH	SW 8082
PCB-1268	ND	440	ug/Kg	06/04/10		MH	SW 8082
QA/QC Surrogates							
% DCBP	58		%	06/04/10		MH	SW 8082
% TCMX	67		%	06/04/10		MH	SW 8082
Polynuclear Aromatic HC							
2-Methylnaphthalene	ND	300	ug/Kg	06/04/10		HM	SW 8270
Acenaphthene	ND	300	ug/Kg	06/04/10		HM	SW 8270
Acenaphthylene	ND	300	ug/Kg	06/04/10		HM	SW 8270
Anthracene	ND	300	ug/Kg	06/04/10		HM	SW 8270
Benz(a)anthracene	ND	300	ug/Kg	06/04/10		HM	SW 8270
Benzo(a)pyrene	ND	300	ug/Kg	06/04/10		HM	SW 8270
Benzo(b)fluoranthene	ND	300	ug/Kg	06/04/10		HM	SW 8270
Benzo(ghi)perylene	ND	300	ug/Kg	06/04/10		HM	SW 8270
Benzo(k)fluoranthene	ND	300	ug/Kg	06/04/10		HM	SW 8270
Chrysene	ND	300	ug/Kg	06/04/10		HM	SW 8270

Project ID: WOLCOTT RTE 69
Client ID: B-2 4-6 FT

Phoenix I.D.: AZ10980

Parameter	Result	RL	Units	Date	Time	By	Reference
Dibenz(a,h)anthracene	ND	300	ug/Kg	06/04/10		HM	SW 8270
Fluoranthene	ND	300	ug/Kg	06/04/10		HM	SW 8270
Fluorene	ND	300	ug/Kg	06/04/10		HM	SW 8270
Indeno(1,2,3-cd)pyrene	ND	300	ug/Kg	06/04/10		HM	SW 8270
Naphthalene	ND	300	ug/Kg	06/04/10		HM	SW 8270
Phenanthrene	ND	300	ug/Kg	06/04/10		HM	SW 8270
Pyrene	ND	300	ug/Kg	06/04/10		HM	SW 8270
QA/QC Surrogates							
% 2-Fluorobiphenyl	37		%	06/04/10		HM	SW 8270
% Nitrobenzene-d5	45		%	06/04/10		HM	SW 8270
% Terphenyl-d14	53		%	06/04/10		HM	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

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

Phyllis Shiller

Phyllis Shiller, Laboratory Director
June 18, 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

June 17, 2010

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	JC	06/02/10	11:30
Location Code:	DTECHC	Received by:	LB	06/03/10	0:00
Rush Request:	RUSH#	Analyzed by:	see "By" below		
P.O.#:	09-188-01E				

Laboratory Data

SDG ID: GAZ10978
Phoenix ID: AZ10985

Project ID: WOLCOTT RTE 69

Client ID: B-5 2-3.6 FT

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.35	0.35	mg/Kg	06/05/10		LK	SW6010
Arsenic	2.4	0.7	mg/Kg	06/05/10		LK	SW6010
Barium	43.1	0.35	mg/Kg	06/05/10		LK	SW6010
Cadmium	< 0.35	0.35	mg/Kg	06/05/10		LK	SW6010
Chromium	30.2	0.35	mg/Kg	06/05/10		LK	SW6010
Mercury	< 0.07	0.07	mg/Kg	06/04/10		RS	SW-7471
Lead	4.00	0.35	mg/Kg	06/05/10		LK	SW6010
Selenium	< 1.4	1.4	mg/Kg	06/05/10		LK	SW6010
SPLP Chromium	< 0.010	0.010	mg/L	06/16/10		LK	E1312/SW6010
Percent Solid	88		%	06/03/10		C / JL	E160.3
Soil Extraction for PCB	Completed			06/03/10		QB/D	SW3545
Soil Extraction SVOA BN	Completed			06/03/10		LS/D	SW3545
Extraction of CT ETPH	Completed			06/03/10		QS/AD	3545
Mercury Digestion	Completed			06/04/10		K	SW7471
SPLP Extraction for Metals	Completed			06/15/10		K	EPA 1312
Total Metals Digest	Completed			06/03/10		Q/AG	SW846 - 3050
SPLP Metals Digestion	Completed			06/16/10		K	SW846-3005
Field Extraction	Completed			06/02/10		JC	SW5035
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
1,1,1-Trichloroethane	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	3.4	ug/Kg	06/05/10		R/J	SW8260
1,1,2-Trichloroethane	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
1,1-Dichloroethane	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
1,1-Dichloroethene	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
1,1-Dichloropropene	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
1,2,3-Trichlorobenzene	ND	5.7	ug/Kg	06/05/10		R/J	SW8260

Project ID: WOLCOTT RTE 69 **Phoenix I.D.:** AZ10985
Client ID: B-5 2-3.6 FT

Parameter	Result	RL	Units	Date	Time	By	Reference
1,2,3-Trichloropropane	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
1,2,4-Trichlorobenzene	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
1,2,4-Trimethylbenzene	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
1,2-Dichlorobenzene	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
1,2-Dichloroethane	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
1,2-Dichloropropane	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
1,3,5-Trimethylbenzene	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
1,3-Dichlorobenzene	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
1,3-Dichloropropane	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
1,4-Dichlorobenzene	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
2,2-Dichloropropane	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
2-Chlorotoluene	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
2-Hexanone	ND	28	ug/Kg	06/05/10		R/J	SW8260
2-Isopropyltoluene	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
4-Chlorotoluene	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
4-Methyl-2-pentanone	ND	28	ug/Kg	06/05/10		R/J	SW8260
Acetone	ND	110	ug/Kg	06/05/10		R/J	SW8260
Acrylonitrile	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
Benzene	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
Bromobenzene	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
Bromochloromethane	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
Bromodichloromethane	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
Bromoform	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
Bromomethane	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
Carbon Disulfide	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
Carbon tetrachloride	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
Chlorobenzene	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
Chloroethane	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
Chloroform	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
Chloromethane	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
cis-1,2-Dichloroethene	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
cis-1,3-Dichloropropene	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
Dibromochloromethane	ND	3.4	ug/Kg	06/05/10		R/J	SW8260
Dibromoethane	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
Dibromomethane	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
Dichlorodifluoromethane	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
Ethylbenzene	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
Hexachlorobutadiene	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
Isopropylbenzene	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
m&p-Xylene	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
Methyl Ethyl Ketone	ND	34	ug/Kg	06/05/10		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	06/05/10		R/J	SW8260
Methylene chloride	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
Naphthalene	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
n-Butylbenzene	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
n-Propylbenzene	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
o-Xylene	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
p-Isopropyltoluene	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
sec-Butylbenzene	ND	5.7	ug/Kg	06/05/10		R/J	SW8260

Project ID: WOLCOTT RTE 69
Client ID: B-5 2-3.6 FT

Phoenix I.D.: AZ10985

Parameter	Result	RL	Units	Date	Time	By	Reference
Styrene	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
tert-Butylbenzene	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
Tetrachloroethene	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
Tetrahydrofuran (THF)	ND	11	ug/Kg	06/05/10		R/J	SW8260
Toluene	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
Total Xylenes	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
trans-1,2-Dichloroethene	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
trans-1,3-Dichloropropene	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	06/05/10		R/J	SW8260
Trichloroethene	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
Trichlorofluoromethane	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
Trichlorotrifluoroethane	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
Vinyl chloride	ND	5.7	ug/Kg	06/05/10		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	100		%	06/05/10		R/J	SW8260
% Bromofluorobenzene	92		%	06/05/10		R/J	SW8260
% Dibromofluoromethane	108		%	06/05/10		R/J	SW8260
% Toluene-d8	95		%	06/05/10		R/J	SW8260
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	11	mg/Kg	06/07/10		KCA	CT ETPH/8015
Identification	ND		mg/Kg	06/07/10		KCA	CT ETPH/8015
QA/QC Surrogates							
% n-Pentacosane	56		%	06/07/10		KCA	CT ETPH/8015
Polychlorinated Biphenyls							
PCB-1016	ND	370	ug/Kg	06/04/10		MH	SW 8082
PCB-1221	ND	370	ug/Kg	06/04/10		MH	SW 8082
PCB-1232	ND	370	ug/Kg	06/04/10		MH	SW 8082
PCB-1242	ND	370	ug/Kg	06/04/10		MH	SW 8082
PCB-1248	ND	370	ug/Kg	06/04/10		MH	SW 8082
PCB-1254	ND	370	ug/Kg	06/04/10		MH	SW 8082
PCB-1260	ND	370	ug/Kg	06/04/10		MH	SW 8082
PCB-1262	ND	370	ug/Kg	06/04/10		MH	SW 8082
PCB-1268	ND	370	ug/Kg	06/04/10		MH	SW 8082
QA/QC Surrogates							
% DCBP	66		%	06/04/10		MH	SW 8082
% TCMX	85		%	06/04/10		MH	SW 8082
Polynuclear Aromatic HC							
2-Methylnaphthalene	ND	260	ug/Kg	06/04/10		HM	SW 8270
Acenaphthene	ND	260	ug/Kg	06/04/10		HM	SW 8270
Acenaphthylene	ND	260	ug/Kg	06/04/10		HM	SW 8270
Anthracene	ND	260	ug/Kg	06/04/10		HM	SW 8270
Benz(a)anthracene	ND	260	ug/Kg	06/04/10		HM	SW 8270
Benzo(a)pyrene	ND	260	ug/Kg	06/04/10		HM	SW 8270
Benzo(b)fluoranthene	ND	260	ug/Kg	06/04/10		HM	SW 8270
Benzo(ghi)perylene	ND	260	ug/Kg	06/04/10		HM	SW 8270
Benzo(k)fluoranthene	ND	260	ug/Kg	06/04/10		HM	SW 8270
Chrysene	ND	260	ug/Kg	06/04/10		HM	SW 8270

Project ID: WOLCOTT RTE 69 **Phoenix I.D.:** AZ10985
Client ID: B-5 2-3.6 FT

Parameter	Result	RL	Units	Date	Time	By	Reference
Dibenz(a,h)anthracene	ND	260	ug/Kg	06/04/10		HM	SW 8270
Fluoranthene	ND	260	ug/Kg	06/04/10		HM	SW 8270
Fluorene	ND	260	ug/Kg	06/04/10		HM	SW 8270
Indeno(1,2,3-cd)pyrene	ND	260	ug/Kg	06/04/10		HM	SW 8270
Naphthalene	ND	260	ug/Kg	06/04/10		HM	SW 8270
Phenanthrene	ND	260	ug/Kg	06/04/10		HM	SW 8270
Pyrene	ND	260	ug/Kg	06/04/10		HM	SW 8270
QA/QC Surrogates							
% 2-Fluorobiphenyl	66		%	06/04/10		HM	SW 8270
% Nitrobenzene-d5	68		%	06/04/10		HM	SW 8270
% Terphenyl-d14	66		%	06/04/10		HM	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

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

Phyllis Shiller

Phyllis Shiller, Laboratory Director
June 18, 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

June 17, 2010

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	JC	06/02/10	0:00
Location Code:	DTECHC	Received by:	LB	06/03/10	0:00
Rush Request:	RUSH#	Analyzed by:	see "By" below		
P.O.#:	09-188-01E				

Laboratory Data

SDG ID: GAZ10978
Phoenix ID: AZ10991

Project ID: WOLCOTT RTE 69

Client ID: DUPLICATE 2

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.50	0.50	mg/Kg	06/07/10		LK	SW6010
Arsenic	3.1	1.0	mg/Kg	06/07/10		LK	SW6010
Barium	39.7	0.50	mg/Kg	06/07/10		LK	SW6010
Cadmium	< 0.50	0.50	mg/Kg	06/07/10		LK	SW6010
Chromium	18.7	0.50	mg/Kg	06/07/10		LK	SW6010
Mercury	< 0.08	0.08	mg/Kg	06/04/10		RS	SW-7471
Lead	9.73	0.50	mg/Kg	06/07/10		LK	SW6010
Selenium	< 2.0	2.0	mg/Kg	06/07/10		LK	SW6010
SPLP Lead	< 0.010	0.010	mg/L	06/16/10		LK	E1312/SW6010
TCLP Lead	< 0.015	0.015	mg/L	06/17/10		EK	E1311/SW6010
Percent Solid	72		%	06/03/10		C / JL	E160.3
Soil Extraction for PCB	Completed			06/03/10		QB/D	SW3545
Soil Extraction SVOA BN	Completed			06/03/10		LS/D	SW3545
Extraction of CT ETPH	Completed			06/03/10		QS/AD	3545
Mercury Digestion	Completed			06/04/10		K	SW7471
SPLP Extraction for Metals	Completed			06/15/10		K	EPA 1312
TCLP Extraction for Metals	Completed			06/15/10		k	EPA 1311
Total Metals Digest	Completed			06/04/10		/D	SW846 - 3050
SPLP Metals Digestion	Completed			06/16/10		K	SW846-3005
TCLP Metals Digestion	Completed			06/17/10		K	SW846 - 3005
Field Extraction	Completed			06/02/10		JC	SW5035
Volatiles							
1,1,1,2-Tetrachloroethane	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
1,1,1-Trichloroethane	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	2.8	ug/Kg	06/05/10		R/J	SW8260
1,1,2-Trichloroethane	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
1,1-Dichloroethane	ND	4.6	ug/Kg	06/05/10		R/J	SW8260

Project ID: WOLCOTT RTE 69
Client ID: DUPLICATE 2

Phoenix I.D.: AZ10991

Parameter	Result	RL	Units	Date	Time	By	Reference
1,1-Dichloroethene	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
1,1-Dichloropropene	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
1,2,3-Trichlorobenzene	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
1,2,3-Trichloropropane	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
1,2,4-Trichlorobenzene	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
1,2,4-Trimethylbenzene	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
1,2-Dichlorobenzene	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
1,2-Dichloroethane	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
1,2-Dichloropropane	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
1,3,5-Trimethylbenzene	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
1,3-Dichlorobenzene	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
1,3-Dichloropropane	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
1,4-Dichlorobenzene	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
2,2-Dichloropropane	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
2-Chlorotoluene	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
2-Hexanone	ND	23	ug/Kg	06/05/10		R/J	SW8260
2-Isopropyltoluene	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
4-Chlorotoluene	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
4-Methyl-2-pentanone	ND	23	ug/Kg	06/05/10		R/J	SW8260
Acetone	ND	93	ug/Kg	06/05/10		R/J	SW8260
Acrylonitrile	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
Benzene	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
Bromobenzene	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
Bromochloromethane	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
Bromodichloromethane	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
Bromoform	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
Bromomethane	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
Carbon Disulfide	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
Carbon tetrachloride	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
Chlorobenzene	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
Chloroethane	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
Chloroform	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
Chloromethane	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
cis-1,2-Dichloroethene	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
cis-1,3-Dichloropropene	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
Dibromochloromethane	ND	2.8	ug/Kg	06/05/10		R/J	SW8260
Dibromoethane	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
Dibromomethane	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
Dichlorodifluoromethane	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
Ethylbenzene	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
Hexachlorobutadiene	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
Isopropylbenzene	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
m&p-Xylene	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
Methyl Ethyl Ketone	ND	28	ug/Kg	06/05/10		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	9.3	ug/Kg	06/05/10		R/J	SW8260
Methylene chloride	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
Naphthalene	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
n-Butylbenzene	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
n-Propylbenzene	ND	4.6	ug/Kg	06/05/10		R/J	SW8260

Project ID: WOLCOTT RTE 69
Client ID: DUPLICATE 2

Phoenix I.D.: AZ10991

Parameter	Result	RL	Units	Date	Time	By	Reference
o-Xylene	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
p-Isopropyltoluene	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
sec-Butylbenzene	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
Styrene	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
tert-Butylbenzene	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
Tetrachloroethene	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
Tetrahydrofuran (THF)	ND	9.3	ug/Kg	06/05/10		R/J	SW8260
Toluene	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
Total Xylenes	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
trans-1,2-Dichloroethene	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
trans-1,3-Dichloropropene	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	9.3	ug/Kg	06/05/10		R/J	SW8260
Trichloroethene	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
Trichlorofluoromethane	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
Trichlorotrifluoroethane	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
Vinyl chloride	ND	4.6	ug/Kg	06/05/10		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	99		%	06/05/10		R/J	SW8260
% Bromofluorobenzene	96		%	06/05/10		R/J	SW8260
% Dibromofluoromethane	103		%	06/05/10		R/J	SW8260
% Toluene-d8	94		%	06/05/10		R/J	SW8260
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	14	mg/Kg	06/07/10		KCA	CT ETPH/8015
Identification	ND		mg/Kg	06/07/10		KCA	CT ETPH/8015
QA/QC Surrogates							
% n-Pentacosane	56		%	06/07/10		KCA	CT ETPH/8015
Polychlorinated Biphenyls							
PCB-1016	ND	450	ug/Kg	06/04/10		MH	SW 8082
PCB-1221	ND	450	ug/Kg	06/04/10		MH	SW 8082
PCB-1232	ND	450	ug/Kg	06/04/10		MH	SW 8082
PCB-1242	ND	450	ug/Kg	06/04/10		MH	SW 8082
PCB-1248	ND	450	ug/Kg	06/04/10		MH	SW 8082
PCB-1254	ND	450	ug/Kg	06/04/10		MH	SW 8082
PCB-1260	ND	450	ug/Kg	06/04/10		MH	SW 8082
PCB-1262	ND	450	ug/Kg	06/04/10		MH	SW 8082
PCB-1268	ND	450	ug/Kg	06/04/10		MH	SW 8082
QA/QC Surrogates							
% DCBP	43		%	06/04/10		MH	SW 8082
% TCMX	40		%	06/04/10		MH	SW 8082
Polynuclear Aromatic HC							
2-Methylnaphthalene	ND	320	ug/Kg	06/04/10		KCA	SW 8270
Acenaphthene	ND	320	ug/Kg	06/04/10		KCA	SW 8270
Acenaphthylene	ND	320	ug/Kg	06/04/10		KCA	SW 8270
Anthracene	ND	320	ug/Kg	06/04/10		KCA	SW 8270
Benz(a)anthracene	ND	320	ug/Kg	06/04/10		KCA	SW 8270
Benzo(a)pyrene	ND	320	ug/Kg	06/04/10		KCA	SW 8270
Benzo(b)fluoranthene	ND	320	ug/Kg	06/04/10		KCA	SW 8270

Project ID: WOLCOTT RTE 69
Client ID: DUPLICATE 2

Phoenix I.D.: AZ10991

Parameter	Result	RL	Units	Date	Time	By	Reference
Benzo(ghi)perylene	ND	320	ug/Kg	06/04/10		KCA	SW 8270
Benzo(k)fluoranthene	ND	320	ug/Kg	06/04/10		KCA	SW 8270
Chrysene	ND	320	ug/Kg	06/04/10		KCA	SW 8270
Dibenz(a,h)anthracene	ND	320	ug/Kg	06/04/10		KCA	SW 8270
Fluoranthene	ND	320	ug/Kg	06/04/10		KCA	SW 8270
Fluorene	ND	320	ug/Kg	06/04/10		KCA	SW 8270
Indeno(1,2,3-cd)pyrene	ND	320	ug/Kg	06/04/10		KCA	SW 8270
Naphthalene	ND	320	ug/Kg	06/04/10		KCA	SW 8270
Phenanthrene	ND	320	ug/Kg	06/04/10		KCA	SW 8270
Pyrene	ND	320	ug/Kg	06/04/10		KCA	SW 8270
QA/QC Surrogates							
% 2-Fluorobiphenyl	47		%	06/04/10		KCA	SW 8270
% Nitrobenzene-d5	59		%	06/04/10		KCA	SW 8270
% Terphenyl-d14	57		%	06/04/10		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

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

Phyllis Shiller

Phyllis Shiller, Laboratory Director
June 18, 2010

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

June 18, 2010

QA/QC Data

SDG I.D.: GAZ10978

Parameter	Blank	Dup RPD	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch 155418, QC Sample No: AZ09503 (AZ10991)								
ICP Metals - Aqueous Extraction								
Arsenic	BDL	0.20	115	115	0.0	111	111	0.0
Barium	BDL	5.00	102	102	0.0	91.3	93.1	2.0
Chromium	BDL	3.80	104	105	1.0	102	103	1.0
Lead	BDL	4.70	103	103	0.0	101	102	1.0
QA/QC Batch 154578, QC Sample No: AZ09791 (AZ10978, AZ10979, AZ10980, AZ10981, AZ10982, AZ10983, AZ10984, AZ10985, AZ10986)								
ICP Metals - Soil								
Arsenic	BDL	0.90	97.1	109	11.5	92.9	98.2	5.5
Barium	BDL	4.10	99.8	110	9.7	99.7	102	2.3
Cadmium	BDL	NC	97.5	109	11.1	95.9	97.8	2.0
Chromium	BDL	4.50	100	114	13.1	98.5	101	2.5
Lead	BDL	2.10	97.2	105	7.7	96.0	98.1	2.2
Selenium	BDL	NC	87.7	98.0	11.1	85.2	88.0	3.2
Silver	BDL	NC	101	115	13.0	97.6	100	2.4
QA/QC Batch 155307, QC Sample No: AZ10355 (AZ10978, AZ10980, AZ10985, AZ10991)								
ICP Metals - Aqueous Extraction								
Arsenic	BDL	NC	118	120	1.7	118	119	0.8
Barium	BDL	77.2	100	101	1.0	97.2	101	3.8
Chromium	BDL	NC	107	109	1.9	106	108	1.9
Lead	BDL	NC	104	105	1.0	103	105	1.9
QA/QC Batch 154573, QC Sample No: AZ10772 (AZ10990)								
ICP Metals - Dissolved								
Arsenic	BDL	NC	98.5	100	1.5	89.6	87.6	2.3
Barium	BDL	1.10	105	108	2.8	101	99.0	2.0
Cadmium	BDL	NC	105	108	2.8	99.0	96.9	2.1
Chromium	BDL	NC	105	107	1.9	99.5	98.5	1.0
Lead	BDL	NC	105	107	1.9	98.4	97.2	1.2
Selenium	BDL	NC	95.3	96.7	1.5	91.3	89.9	1.5
Silver	BDL	NC	104	106	1.9	99.8	98.8	1.0
QA/QC Batch 154625, QC Sample No: AZ10979 (AZ10978, AZ10979, AZ10980, AZ10981, AZ10982, AZ10983, AZ10984, AZ10985, AZ10986, AZ10991)								
Mercury	BDL	NC	102	95.5	6.6	98.4	95.4	3.1
QA/QC Batch 154654, QC Sample No: AZ10991 (AZ10991)								
ICP Metals - Soil								
Arsenic	BDL	NC	98.4	100	1.6	80.2	93.4	15.2

QA/QC Data

SDG I.D.: GAZ10978

Parameter	Blank	Dup RPD	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
Barium	BDL	2.00	105	107	1.9	91.6	104	12.7
Cadmium	BDL	NC	95.8	100	4.3	86.2	99.7	14.5
Chromium	BDL	10.1	105	107	1.9	88.9	102	13.7
Lead	BDL	0.60	108	101	6.7	85.3	99.4	15.3
Selenium	BDL	NC	87.4	89.5	2.4	71.4	83.9	16.1
Silver	BDL	NC	109	108	0.9	91.2	106	15.0
QA/QC Batch 154699, QC Sample No: AZ11426 (AZ10988, AZ10989, AZ10990)								
Mercury	BDL		110	105	4.7	108	108	0.0
QA/QC Batch 154760, QC Sample No: AZ11600 (AZ10988, AZ10989)								
ICP Metals - Dissolved								
Arsenic	BDL	NC	96.8	94.6	2.3	86.7	88.1	1.6
Barium	BDL	0.80	103	101	2.0	93.5	95.0	1.6
Cadmium	BDL	NC	104	102	1.9	94.4	95.8	1.5
Chromium	BDL	NC	106	105	0.9	96.2	97.9	1.8
Lead	BDL	NC	101	99.4	1.6	92.9	93.9	1.1
Selenium	BDL	NC	89.6	88.0	1.8	84.4	85.9	1.8
Silver	BDL	NC	104	102	1.9	81.1	82.3	1.5

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

ACCREDITED IN ACCORDANCE WITH nelac
NY # 11301

QA/QC Report

June 18, 2010

QA/QC Data

SDG I.D.: GAZ10978

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch 154754, QC Sample No: AZ10278 (AZ10988, AZ10989, AZ10990)							
Polychlorinated Biphenyls							
PCB-1016	ND	114	86	28.0			
PCB-1221	ND						
PCB-1232	ND						
PCB-1242	ND						
PCB-1248	ND						
PCB-1254	ND						
PCB-1260	ND	110	93	16.7			
PCB-1262	ND						
PCB-1268	ND						
% DCBP (Surrogate Rec)	96	98	78	22.7			
% TCMX (Surrogate Rec)	82	89	75	17.1			
Comment:							
A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.							
QA/QC Batch 154640, QC Sample No: AZ10719 (AZ10994)							
Volatiles							
1,1,1,2-Tetrachloroethane	ND	107	109	1.9	108	92	16.0
1,1,1-Trichloroethane	ND	109	111	1.8	115	87	27.7
1,1,2,2-Tetrachloroethane	ND	103	97	6.0	95	93	2.1
1,1,2-Trichloroethane	ND	98	98	0.0	97	84	14.4
1,1-Dichloroethane	ND	100	97	3.0	112	89	22.9
1,1-Dichloroethene	ND	81	82	1.2	104	88	16.7
1,1-Dichloropropene	ND	87	92	5.6	99	87	12.9
1,2,3-Trichlorobenzene	ND	68	71	4.3	45	45	0.0
1,2,3-Trichloropropane	ND	116	113	2.6	102	97	5.0
1,2,4-Trichlorobenzene	ND	80	81	1.2	67	62	7.8
1,2,4-Trimethylbenzene	ND	100	102	2.0	106	95	10.9
1,2-Dibromo-3-chloropropane	ND	97	98	1.0	79	82	3.7
1,2-Dichlorobenzene	ND	93	97	4.2	93	87	6.7
1,2-Dichloroethane	ND	118	111	6.1	115	87	27.7
1,2-Dichloropropane	ND	109	122	11.3	123	104	16.7
1,3,5-Trimethylbenzene	ND	98	101	3.0	105	94	11.1
1,3-Dichlorobenzene	ND	91	94	3.2	95	86	9.9
1,3-Dichloropropane	ND	107	105	1.9	103	96	7.0
1,4-Dichlorobenzene	ND	90	94	4.3	94	86	8.9
2,2-Dichloropropane	ND	97	90	7.5	97	61	45.6
2-Chlorotoluene	ND	92	95	3.2	99	91	8.4
2-Hexanone	ND	119	110	7.9	100	96	4.1
2-Isopropyltoluene	ND	96	100	4.1	102	92	10.3
4-Chlorotoluene	ND	92	97	5.3	97	85	13.2
4-Methyl-2-pentanone	ND	114	106	7.3	101	92	9.3

QA/QC Data

SDG I.D.: GAZ10978

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
Acetone	ND	143	124	14.2	110	105	4.7
Acrylonitrile	ND	103	98	5.0	104	97	7.0
Benzene	ND	95	96	1.0	103	88	15.7
Bromobenzene	ND	95	97	2.1	96	89	7.6
Bromochloromethane	ND	96	100	4.1	101	90	11.5
Bromodichloromethane	ND	122	119	2.5	119	97	20.4
Bromoform	ND	122	117	4.2	111	102	8.5
Bromomethane	ND	84	88	4.7	97	66	38.0
Carbon Disulfide	ND	90	90	0.0	92	73	23.0
Carbon tetrachloride	ND	104	108	3.8	115	85	30.0
Chlorobenzene	ND	95	96	1.0	97	88	9.7
Chloroethane	ND	99	97	2.0	109	87	22.4
Chloroform	ND	104	101	2.9	111	88	23.1
Chloromethane	ND	92	85	7.9	98	76	25.3
cis-1,2-Dichloroethene	ND	95	94	1.1	104	90	14.4
cis-1,3-Dichloropropene	ND	98	97	1.0	98	83	16.6
Dibromochloromethane	ND	117	114	2.6	107	96	10.8
Dibromoethane	ND	102	103	1.0	98	89	9.6
Dibromomethane	ND	109	107	1.9	122	88	32.4
Dichlorodifluoromethane	ND	118	117	0.9	110	79	32.8
Ethylbenzene	ND	97	97	0.0	103	92	11.3
Hexachlorobutadiene	ND	82	85	3.6	82	70	15.8
Isopropylbenzene	ND	88	89	1.1	100	92	8.3
m&p-Xylene	ND	97	98	1.0	102	92	10.3
Methyl ethyl ketone	ND	119	116	2.6	104	94	10.1
Methyl t-butyl ether (MTBE)	ND	115	110	4.4	109	94	14.8
Methylene chloride	ND	85	82	3.6	90	77	15.6
Naphthalene	ND	73	75	2.7	52	61	15.9
n-Butylbenzene	ND	98	99	1.0	103	89	14.6
n-Propylbenzene	ND	91	94	3.2	97	90	7.5
o-Xylene	ND	98	100	2.0	101	92	9.3
p-Isopropyltoluene	ND	98	102	4.0	103	92	11.3
sec-Butylbenzene	ND	97	99	2.0	105	92	13.2
Styrene	ND	101	102	1.0	101	92	9.3
tert-Butylbenzene	ND	95	99	4.1	104	93	11.2
Tetrachloroethene	ND	92	98	6.3	100	86	15.1
Tetrahydrofuran (THF)	ND	108	97	10.7	98	89	9.6
Toluene	ND	91	92	1.1	95	83	13.5
trans-1,2-Dichloroethene	ND	87	88	1.1	101	87	14.9
trans-1,3-Dichloropropene	ND	102	104	1.9	102	86	17.0
trans-1,4-dichloro-2-butene	ND	113	106	6.4	98	86	13.0
Trichloroethene	ND	88	93	5.5	98	85	14.2
Trichlorofluoromethane	ND	112	112	0.0	120	85	34.1
Trichlorotrifluoroethane	ND	96	103	7.0	106	82	25.5
Vinyl chloride	ND	94	91	3.2	104	79	27.3
% 1,2-dichlorobenzene-d4	105	101	101	0.0	100	100	0.0
% Bromofluorobenzene	103	108	102	5.7	106	102	3.8
% Dibromofluoromethane	107	105	108	2.8	104	98	5.9
% Toluene-d8	96	97	97	0.0	97	93	4.2

Comment:

A blank MS/MSD was analyzed with this batch.

QA/QC Data

SDG I.D.: GAZ10978

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch 154572, QC Sample No: AZ10756 (AZ10978, AZ10979, AZ10980, AZ10981, AZ10982, AZ10983, AZ10984, AZ10985, AZ10986, AZ10991)							
Polynuclear Aromatic HC							
2-Methylnaphthalene	ND	65	64	1.6	66	72	8.7
Acenaphthene	ND	68	67	1.5	70	75	6.9
Acenaphthylene	ND	64	65	1.6	68	72	5.7
Anthracene	ND	79	76	3.9	80	84	4.9
Benz(a)anthracene	ND	74	76	2.7	80	83	3.7
Benzo(a)pyrene	ND	78	75	3.9	82	82	0.0
Benzo(b)fluoranthene	ND	75	72	4.1	79	84	6.1
Benzo(ghi)perylene	ND	78	84	7.4	89	78	13.2
Benzo(k)fluoranthene	ND	77	74	4.0	80	84	4.9
Chrysene	ND	76	74	2.7	80	81	1.2
Dibenz(a,h)anthracene	ND	80	85	6.1	90	83	8.1
Fluoranthene	ND	75	72	4.1	76	82	7.6
Fluorene	ND	74	71	4.1	78	81	3.8
Indeno(1,2,3-cd)pyrene	ND	63	67	6.2	71	64	10.4
Naphthalene	ND	63	66	4.7	68	72	5.7
Phenanthrene	ND	71	69	2.9	73	76	4.0
Pyrene	ND	74	73	1.4	78	82	5.0
% 2-Fluorobiphenyl	53	60	59	1.7	63	67	6.2
% Nitrobenzene-d5	54	59	61	3.3	62	68	9.2
% Terphenyl-d14	54	63	59	6.6	63	69	9.1
QA/QC Batch 154706, QC Sample No: AZ10770 (AZ10993)							
Volatiles							
1,1,1,2-Tetrachloroethane	ND	107	105	1.9	95		
1,1,1-Trichloroethane	ND	106	104	1.9	100		
1,1,2,2-Tetrachloroethane	ND	106	97	8.9	119		
1,1,2-Trichloroethane	ND	110	102	7.5	83		
1,1-Dichloroethane	ND	102	102	0.0	92		
1,1-Dichloroethene	ND	84	91	8.0	87		
1,1-Dichloropropene	ND	102	103	1.0	88		
1,2,3-Trichlorobenzene	ND	140	105	28.6	75		
1,2,3-Trichloropropane	ND	119	108	9.7	97		
1,2,4-Trichlorobenzene	ND	122	107	13.1	65		
1,2,4-Trimethylbenzene	ND	112	109	2.7	54		
1,2-Dibromo-3-chloropropane	ND	117	110	6.2	82		
1,2-Dichlorobenzene	ND	106	104	1.9	71		
1,2-Dichloroethane	ND	107	98	8.8	71		
1,2-Dichloropropane	ND	103	100	3.0	90		
1,3,5-Trimethylbenzene	ND	112	108	3.6	109		
1,3-Dichlorobenzene	ND	112	111	0.9	75		
1,3-Dichloropropane	ND	114	107	6.3	79		
1,4-Dichlorobenzene	ND	111	111	0.0	68		
2,2-Dichloropropane	ND	98	97	1.0	88		
2-Chlorotoluene	ND	113	114	0.9	99		
2-Hexanone	ND	89	81	9.4	41		
2-Isopropyltoluene	ND	109	108	0.9	106		
4-Chlorotoluene	ND	137	138	0.7	92		
4-Methyl-2-pentanone	ND	102	89	13.6	64		
Acetone	ND	104	108	3.8	57		

QA/QC Data

SDG I.D.: GAZ10978

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
Acrylonitrile	ND	94	85	10.1	56		
Benzene	ND	104	101	2.9	84		
Bromobenzene	ND	115	112	2.6	68		
Bromochloromethane	ND	113	112	0.9	72		
Bromodichloromethane	ND	107	100	6.8	78		
Bromoform	ND	112	102	9.3	67		
Bromomethane	ND	94	150	45.9	71		
Carbon Disulfide	ND	96	101	5.1	58		
Carbon tetrachloride	ND	95	95	0.0	82		
Chlorobenzene	ND	111	108	2.7	78		
Chloroethane	ND	101	111	9.4	88		
Chloroform	ND	110	107	2.8	96		
Chloromethane	ND	80	77	3.8	75		
cis-1,2-Dichloroethene	ND	107	104	2.8	73		
cis-1,3-Dichloropropene	ND	106	100	5.8	54		
Dibromochloromethane	ND	112	108	3.6	77		
Dibromoethane	ND	113	106	6.4	61		
Dibromomethane	ND	110	102	7.5	63		
Dichlorodifluoromethane	ND	102	103	1.0	74		
Ethylbenzene	ND	110	109	0.9	62		
Hexachlorobutadiene	ND	124	88	34.0	96		
Isopropylbenzene	ND	102	103	1.0	42		
m&p-Xylene	ND	110	109	0.9	68		
Methyl ethyl ketone	ND	111	100	10.4	52		
Methyl t-butyl ether (MTBE)	ND	103	100	3.0	91		
Methylene chloride	ND	92	95	3.2	73		
Naphthalene	ND	142	107	28.1	<40		
n-Butylbenzene	ND	112	110	1.8	<40		
n-Propylbenzene	ND	109	111	1.8	<40		
o-Xylene	ND	108	104	3.8	91		
p-Isopropyltoluene	ND	112	112	0.0	105		
sec-Butylbenzene	ND	108	107	0.9	47		
Styrene	ND	111	107	3.7	51		
tert-Butylbenzene	ND	111	110	0.9	110		
Tetrachloroethene	ND	108	106	1.9	100		
Tetrahydrofuran (THF)	ND	92	82	11.5	79		
Toluene	ND	107	103	3.8	79		
trans-1,2-Dichloroethene	ND	98	103	5.0	68		
trans-1,3-Dichloropropene	ND	103	98	5.0	40		
trans-1,4-dichloro-2-butene	ND	88	88	0.0	<40		
Trichloroethene	ND	115	108	6.3	76		
Trichlorofluoromethane	ND	107	104	2.8	100		
Trichlorotrifluoroethane	ND	107	113	5.5	97		
Vinyl chloride	ND	93	93	0.0	78		
% 1,2-dichlorobenzene-d4	100	101	101	0.0	101		
% Bromofluorobenzene	93	100	99	1.0	95		
% Dibromofluoromethane	98	105	99	5.9	104		
% Toluene-d8	97	99	97	2.0	96		

Comment:

Due to poor instrument purge, the MSD is not reported for this batch.

QA/QC Data

SDG I.D.: GAZ10978

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch 154669, QC Sample No: AZ10806 (AZ10987, AZ10988, AZ10989, AZ10990, AZ10994)							
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	89	137	42.5	89	131	38.2
% n-Pentacosane	86	88	132	40.0	77	114	38.7
QA/QC Batch 154645, QC Sample No: AZ10811 (AZ10987, AZ10988, AZ10989)							
Volatiles							
1,1,1,2-Tetrachloroethane	ND	92	90	2.2	88	95	7.7
1,1,1-Trichloroethane	ND	100	101	1.0	106	114	7.3
1,1,2,2-Tetrachloroethane	ND	93	91	2.2	79	85	7.3
1,1,2-Trichloroethane	ND	95	90	5.4	88	93	5.5
1,1-Dichloroethane	ND	81	81	0.0	106	111	4.6
1,1-Dichloroethene	ND	73	72	1.4	109	115	5.4
1,1-Dichloropropene	ND	98	98	0.0	105	116	10.0
1,2,3-Trichlorobenzene	ND	104	102	1.9	64	87	30.5
1,2,3-Trichloropropane	ND	103	102	1.0	85	90	5.7
1,2,4-Trichlorobenzene	ND	96	98	2.1	74	89	18.4
1,2,4-Trimethylbenzene	ND	96	95	1.0	96	105	9.0
1,2-Dibromo-3-chloropropane	ND	98	98	0.0	70	78	10.8
1,2-Dichlorobenzene	ND	89	89	0.0	84	90	6.9
1,2-Dichloroethane	ND	101	98	3.0	92	100	8.3
1,2-Dichloropropane	ND	93	93	0.0	91	99	8.4
1,3,5-Trimethylbenzene	ND	97	98	1.0	97	109	11.7
1,3-Dichlorobenzene	ND	90	90	0.0	87	96	9.8
1,3-Dichloropropane	ND	94	90	4.3	84	90	6.9
1,4-Dichlorobenzene	ND	87	87	0.0	83	92	10.3
2,2-Dichloropropane	ND	74	73	1.4	75	77	2.6
2-Chlorotoluene	ND	92	94	2.2	90	100	10.5
2-Hexanone	ND	102	99	3.0	72	80	10.5
2-Isopropyltoluene	ND	98	97	1.0	99	111	11.4
4-Chlorotoluene	ND	92	94	2.2	90	100	10.5
4-Methyl-2-pentanone	ND	101	96	5.1	82	89	8.2
Acetone	ND	92	89	3.3	122	121	0.8
Acrylonitrile	ND	88	82	7.1	88	94	6.6
Benzene	ND	97	95	2.1	99	108	8.7
Bromobenzene	ND	91	91	0.0	85	95	11.1
Bromochloromethane	ND	85	84	1.2	100	106	5.8
Bromodichloromethane	ND	101	97	4.0	93	101	8.2
Bromoform	ND	102	98	4.0	90	94	4.3
Bromomethane	ND	88	87	1.1	110	134	19.7
Carbon Disulfide	ND	93	94	1.1	113	120	6.0
Carbon tetrachloride	ND	109	108	0.9	116	128	9.8
Chlorobenzene	ND	87	85	2.3	86	93	7.8
Chloroethane	ND	82	82	0.0	106	111	4.6
Chloroform	ND	84	84	0.0	106	110	3.7
Chloromethane	ND	92	92	0.0	98	112	13.3
cis-1,2-Dichloroethene	ND	81	80	1.2	105	109	3.7
cis-1,3-Dichloropropene	ND	101	97	4.0	88	96	8.7
Dibromochloromethane	ND	97	96	1.0	87	94	7.7
Dibromoethane	ND	98	93	5.2	86	92	6.7
Dibromomethane	ND	98	94	4.2	88	96	8.7
Dichlorodifluoromethane	ND	106	106	0.0	97	118	19.5

QA/QC Data

SDG I.D.: GAZ10978

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
Ethylbenzene	ND	90	89	1.1	93	101	8.2
Hexachlorobutadiene	ND	105	110	4.7	105	122	15.0
Isopropylbenzene	ND	92	92	0.0	101	113	11.2
m&p-Xylene	ND	93	92	1.1	98	106	7.8
Methyl ethyl ketone	ND	91	88	3.4	78	81	3.8
Methyl t-butyl ether (MTBE)	ND	95	90	5.4	94	101	7.2
Methylene chloride	ND	82	80	2.5	98	103	5.0
Naphthalene	ND	109	109	0.0	62	86	32.4
n-Butylbenzene	ND	105	105	0.0	108	121	11.4
n-Propylbenzene	ND	95	98	3.1	99	110	10.5
o-Xylene	ND	94	93	1.1	96	102	6.1
p-Isopropyltoluene	ND	103	104	1.0	106	116	9.0
sec-Butylbenzene	ND	102	103	1.0	108	119	9.7
Styrene	ND	93	92	1.1	92	98	6.3
tert-Butylbenzene	ND	100	102	2.0	105	116	10.0
Tetrachloroethene	ND	90	89	1.1	93	102	9.2
Tetrahydrofuran (THF)	ND	99	96	3.1	82	86	4.8
Toluene	ND	91	89	2.2	94	102	8.2
trans-1,2-Dichloroethene	ND	81	81	0.0	107	114	6.3
trans-1,3-Dichloropropene	ND	102	97	5.0	89	96	7.6
trans-1,4-dichloro-2-butene	ND	102	100	2.0	76	82	7.6
Trichloroethene	ND	90	91	1.1	92	104	12.2
Trichlorofluoromethane	ND	86	86	0.0	110	117	6.2
Trichlorotrifluoroethane	ND	91	90	1.1	110	119	7.9
Vinyl chloride	ND	91	91	0.0	102	113	10.2
% 1,2-dichlorobenzene-d4	101	101	102	1.0	100	100	0.0
% Bromofluorobenzene	98	103	103	0.0	102	100	2.0
% Dibromofluoromethane	104	101	103	2.0	109	109	0.0
% Toluene-d8	103	102	99	3.0	103	103	0.0

Comment:

Actual sample spiked was AS10806.

QA/QC Batch 154639, QC Sample No: AZ10940 (AZ10990, AZ10992)

Volatiles

1,1,1,2-Tetrachloroethane	ND	109	109	0.0	110	100	9.5
1,1,1-Trichloroethane	ND	111	108	2.7	108	90	18.2
1,1,2,2-Tetrachloroethane	ND	95	89	6.5	86	85	1.2
1,1,2-Trichloroethane	ND	100	96	4.1	96	84	13.3
1,1-Dichloroethane	ND	101	98	3.0	100	89	11.6
1,1-Dichloroethene	ND	87	86	1.2	102	88	14.7
1,1-Dichloropropene	ND	97	94	3.1	101	91	10.4
1,2,3-Trichlorobenzene	ND	90	86	4.5	75	79	5.2
1,2,3-Trichloropropane	ND	113	105	7.3	95	92	3.2
1,2,4-Trichlorobenzene	ND	98	89	9.6	87	87	0.0
1,2,4-Trimethylbenzene	ND	102	100	2.0	102	98	4.0
1,2-Dibromo-3-chloropropane	ND	101	101	0.0	91	87	4.5
1,2-Dichlorobenzene	ND	99	95	4.1	94	92	2.2
1,2-Dichloroethane	ND	116	111	4.4	107	92	15.1
1,2-Dichloropropane	ND	96	92	4.3	94	87	7.7
1,3,5-Trimethylbenzene	ND	101	98	3.0	101	97	4.0
1,3-Dichlorobenzene	ND	98	95	3.1	94	91	3.2
1,3-Dichloropropane	ND	104	100	3.9	104	99	4.9
1,4-Dichlorobenzene	ND	100	98	2.0	99	95	4.1

QA/QC Data

SDG I.D.: GAZ10978

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
2,2-Dichloropropane	ND	96	91	5.3	88	61	36.2
2-Chlorotoluene	ND	101	99	2.0	101	96	5.1
2-Hexanone	ND	109	113	3.6	100	96	4.1
2-Isopropyltoluene	ND	100	98	2.0	100	95	5.1
4-Chlorotoluene	ND	96	95	1.0	96	89	7.6
4-Methyl-2-pentanone	ND	111	105	5.6	98	89	9.6
Acetone	ND	107	113	5.5	94	87	7.7
Acrylonitrile	ND	99	>150	NC	88	87	1.1
Benzene	ND	99	97	2.0	100	91	9.4
Bromobenzene	ND	97	96	1.0	94	89	5.5
Bromochloromethane	ND	100	96	4.1	99	93	6.3
Bromodichloromethane	ND	114	107	6.3	109	89	20.2
Bromoform	ND	120	118	1.7	112	103	8.4
Bromomethane	ND	94	92	2.2	92	70	27.2
Carbon Disulfide	ND	95	94	1.1	84	73	14.0
Carbon tetrachloride	ND	112	111	0.9	112	86	26.3
Chlorobenzene	ND	99	98	1.0	101	94	7.2
Chloroethane	ND	101	99	2.0	95	82	14.7
Chloroform	ND	104	102	1.9	102	88	14.7
Chloromethane	ND	89	84	5.8	86	62	32.4
cis-1,2-Dichloroethene	ND	97	95	2.1	96	91	5.3
cis-1,3-Dichloropropene	ND	102	109	6.6	92	82	11.5
Dibromochloromethane	ND	116	115	0.9	114	101	12.1
Dibromoethane	ND	104	100	3.9	100	87	13.9
Dibromomethane	ND	106	101	4.8	103	89	14.6
Dichlorodifluoromethane	ND	121	116	4.2	96	75	24.6
Ethylbenzene	ND	98	98	0.0	103	94	9.1
Hexachlorobutadiene	ND	92	91	1.1	90	79	13.0
Isopropylbenzene	ND	88	87	1.1	95	90	5.4
m&p-Xylene	ND	101	100	1.0	105	98	6.9
Methyl ethyl ketone	ND	102	99	3.0	96	86	11.0
Methyl t-butyl ether (MTBE)	ND	113	107	5.5	103	92	11.3
Methylene chloride	ND	86	86	0.0	86	77	11.0
Naphthalene	ND	88	78	12.0	74	81	9.0
n-Butylbenzene	ND	106	101	4.8	105	101	3.9
n-Propylbenzene	ND	99	97	2.0	98	93	5.2
o-Xylene	ND	104	103	1.0	105	98	6.9
p-Isopropyltoluene	ND	104	102	1.9	104	98	5.9
sec-Butylbenzene	ND	98	96	2.1	98	93	5.2
Styrene	ND	106	106	0.0	106	100	5.8
tert-Butylbenzene	ND	100	98	2.0	102	96	6.1
Tetrachloroethene	ND	95	97	2.1	103	91	12.4
Tetrahydrofuran (THF)	ND	100	85	16.2	77	79	2.6
Toluene	ND	95	92	3.2	97	81	18.0
trans-1,2-Dichloroethene	ND	90	86	4.5	93	85	9.0
trans-1,3-Dichloropropene	ND	105	103	1.9	97	85	13.2
trans-1,4-dichloro-2-butene	ND	110	108	1.8	91	75	19.3
Trichloroethene	ND	96	95	1.0	101	89	12.6
Trichlorofluoromethane	ND	120	116	3.4	112	86	26.3
Trichlorotrifluoroethane	ND	106	105	0.9	98	83	16.6
Vinyl chloride	ND	90	89	1.1	86	65	27.8
% 1,2-dichlorobenzene-d4	113	101	98	3.0	95	98	3.1
% Bromofluorobenzene	96	105	105	0.0	106	104	1.9

QA/QC Data

SDG I.D.: GAZ10978

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
% Dibromofluoromethane	112	109	109	0.0	104	99	4.9
% Toluene-d8	102	104	100	3.9	99	95	4.1

Comment:

A blank MS/MSD was analyzed with this batch.

QA/QC Batch 154582, QC Sample No: AZ10944 (AZ10978, AZ10979, AZ10980, AZ10981, AZ10982, AZ10983, AZ10984, AZ10985, AZ10986, AZ10991)

TPH by GC (Extractable Products)

Ext. Petroleum HC	ND	96	100	4.1	102	104	1.9
% n-Pentacosane	60	65	70	7.4	94	70	29.3

QA/QC Batch 154571, QC Sample No: AZ10979 (AZ10978, AZ10979, AZ10980, AZ10981, AZ10982, AZ10983, AZ10984, AZ10985, AZ10986, AZ10991)

Polychlorinated Biphenyls

PCB-1016	ND	107	105	1.9	105	74	34.6
PCB-1221	ND						
PCB-1232	ND						
PCB-1242	ND						
PCB-1248	ND						
PCB-1254	ND						
PCB-1260	ND	107	102	4.8	98	74	27.9
PCB-1262	ND						
PCB-1268	ND						
% DCBP (Surrogate Rec)	82	75	77	2.6	77	54	35.1
% TCMX (Surrogate Rec)	86	81	81	0.0	80	58	31.9

QA/QC Batch 154668, QC Sample No: AZ10988 (AZ10988, AZ10989, AZ10990)

Semivolatiles

2-Methylnaphthalene	ND	78	80	2.5
Acenaphthene	ND	82	78	5.0
Acenaphthylene	ND	79	76	3.9
Anthracene	ND	94	92	2.2
Benz(a)anthracene	ND	84	85	1.2
Benzo(a)pyrene	ND	85	86	1.2
Benzo(b)fluoranthene	ND	87	87	0.0
Benzo(ghi)perylene	ND	88	85	3.5
Benzo(k)fluoranthene	ND	83	83	0.0
Chrysene	ND	81	84	3.6
Dibenz(a,h)anthracene	ND	86	87	1.2
Fluoranthene	ND	89	88	1.1
Fluorene	ND	83	85	2.4
Indeno(1,2,3-cd)pyrene	ND	86	88	2.3
Naphthalene	ND	71	74	4.1
Phenanthrene	ND	79	82	3.7
Pyrene	ND	86	87	1.2
% 2-Fluorobiphenyl	75	74	70	5.6
% Nitrobenzene-d5	59	68	72	5.7
% Terphenyl-d14	71	73	70	4.2

Comment:

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

QA/QC Batch 154708, QC Sample No: AZ11336 (AZ10978, AZ10979, AZ10980)

Volatiles

1,1,1,2-Tetrachloroethane	ND	100	102	2.0	92	92	0.0

QA/QC Data

SDG I.D.: GAZ10978

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
1,1,1-Trichloroethane	ND	104	104	0.0	104	104	0.0
1,1,2,2-Tetrachloroethane	ND	106	101	4.8	85	72	16.6
1,1,2-Trichloroethane	ND	102	104	1.9	96	94	2.1
1,1-Dichloroethane	ND	100	100	0.0	104	99	4.9
1,1-Dichloroethene	ND	83	85	2.4	102	100	2.0
1,1-Dichloropropene	ND	101	105	3.9	98	103	5.0
1,2,3-Trichlorobenzene	ND	106	106	0.0	60	72	18.2
1,2,3-Trichloropropane	ND	104	100	3.9	72	73	1.4
1,2,4-Trichlorobenzene	ND	106	104	1.9	68	77	12.4
1,2,4-Trimethylbenzene	ND	107	105	1.9	45	69	42.1
1,2-Dibromo-3-chloropropane	ND	101	102	1.0	96	91	5.3
1,2-Dichlorobenzene	ND	109	107	1.9	77	84	8.7
1,2-Dichloroethane	ND	104	105	1.0	89	88	1.1
1,2-Dichloropropane	ND	100	104	3.9	101	96	5.1
1,3,5-Trimethylbenzene	ND	107	104	2.8	70	87	21.7
1,3-Dichlorobenzene	ND	110	108	1.8	93	97	4.2
1,3-Dichloropropane	ND	105	102	2.9	94	94	0.0
1,4-Dichlorobenzene	ND	106	106	0.0	88	95	7.7
2,2-Dichloropropane	ND	98	100	2.0	96	110	13.6
2-Chlorotoluene	ND	106	107	0.9	88	91	3.4
2-Hexanone	ND	92	98	6.3	61	67	9.4
2-Isopropyltoluene	ND	110	106	3.7	85	94	10.1
4-Chlorotoluene	ND	109	108	0.9	91	98	7.4
4-Methyl-2-pentanone	ND	97	101	4.0	70	73	4.2
Acetone	ND	96	90	6.5	72	69	4.3
Acrylonitrile	ND	91	93	2.2	77	79	2.6
Benzene	ND	102	104	1.9	102	97	5.0
Bromobenzene	ND	110	110	0.0	92	92	0.0
Bromochloromethane	ND	106	104	1.9	108	125	14.6
Bromodichloromethane	ND	100	101	1.0	92	88	4.4
Bromoform	ND	92	86	6.7	71	73	2.8
Bromomethane	ND	97	94	3.1	92	96	4.3
Carbon Disulfide	ND	108	110	1.8	78	89	13.2
Carbon tetrachloride	ND	108	112	3.6	104	92	12.2
Chlorobenzene	ND	106	108	1.9	92	94	2.2
Chloroethane	ND	103	106	2.9	102	98	4.0
Chloroform	ND	116	98	16.8	120	119	0.8
Chloromethane	ND	95	95	0.0	97	97	0.0
cis-1,2-Dichloroethene	ND	100	101	1.0	98	97	1.0
cis-1,3-Dichloropropene	ND	100	103	3.0	82	83	1.2
Dibromochloromethane	ND	96	98	2.1	84	83	1.2
Dibromoethane	ND	104	106	1.9	86	86	0.0
Dibromomethane	ND	105	104	1.0	89	88	1.1
Dichlorodifluoromethane	ND	114	113	0.9	91	91	0.0
Ethylbenzene	ND	103	105	1.9	89	92	3.3
Hexachlorobutadiene	ND	104	98	5.9	51	70	31.4
Isopropylbenzene	ND	101	99	2.0	86	95	9.9
m&p-Xylene	ND	104	104	0.0	74	85	13.8
Methyl ethyl ketone	ND	91	96	5.3	77	81	5.1
Methyl t-butyl ether (MTBE)	ND	103	105	1.9	94	93	1.1
Methylene chloride	ND	89	88	1.1	90	89	1.1
Naphthalene	ND	106	110	3.7	NC	<40	NC
n-Butylbenzene	ND	107	106	0.9	56	79	34.1

QA/QC Data

SDG I.D.: GAZ10978

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
n-Propylbenzene	ND	110	108	1.8	80	95	17.1
o-Xylene	ND	106	108	1.9	82	89	8.2
p-Isopropyltoluene	ND	110	108	1.8	88	97	9.7
sec-Butylbenzene	ND	109	106	2.8	70	88	22.8
Styrene	ND	107	108	0.9	69	80	14.8
tert-Butylbenzene	ND	106	105	0.9	94	95	1.1
Tetrachloroethene	ND	104	106	1.9	102	102	0.0
Tetrahydrofuran (THF)	ND	102	104	1.9	98	97	1.0
Toluene	ND	101	105	3.9	96	94	2.1
trans-1,2-Dichloroethene	ND	94	95	1.1	93	97	4.2
trans-1,3-Dichloropropene	ND	99	101	2.0	72	77	6.7
trans-1,4-dichloro-2-butene	ND	104	100	3.9	72	73	1.4
Trichloroethene	ND	102	105	2.9	103	108	4.7
Trichlorofluoromethane	ND	110	109	0.9	107	107	0.0
Trichlorotrifluoroethane	ND	110	110	0.0	109	112	2.7
Vinyl chloride	ND	98	100	2.0	103	100	3.0
% 1,2-dichlorobenzene-d4	99	100	100	0.0	102	99	3.0
% Bromofluorobenzene	95	96	100	4.1	93	94	1.1
% Dibromofluoromethane	100	103	110	6.6	109	107	1.9
% Toluene-d8	96	98	99	1.0	99	97	2.0

QA/QC Batch 154718, QC Sample No: AZ11356 (AZ10982, AZ10984, AZ10985, AZ10986, AZ10991)

Volatiles

1,1,1,2-Tetrachloroethane	ND	99	96	3.1	95	77	20.9
1,1,1-Trichloroethane	ND	110	106	3.7	112	77	37.0
1,1,2,2-Tetrachloroethane	ND	94	89	5.5	115	111	3.5
1,1,2-Trichloroethane	ND	103	104	1.0	98	87	11.9
1,1-Dichloroethane	ND	103	103	0.0	109	79	31.9
1,1-Dichloroethene	ND	88	87	1.1	111	71	44.0
1,1-Dichloropropene	ND	106	101	4.8	108	77	33.5
1,2,3-Trichlorobenzene	ND	100	98	2.0	79	73	7.9
1,2,3-Trichloropropane	ND	95	92	3.2	74	72	2.7
1,2,4-Trichlorobenzene	ND	95	92	3.2	77	72	6.7
1,2,4-Trimethylbenzene	ND	103	100	3.0	86	75	13.7
1,2-Dibromo-3-chloropropane	ND	100	102	2.0	95	92	3.2
1,2-Dichlorobenzene	ND	104	103	1.0	97	85	13.2
1,2-Dichloroethane	ND	101	99	2.0	94	78	18.6
1,2-Dichloropropane	ND	107	102	4.8	104	84	21.3
1,3,5-Trimethylbenzene	ND	104	101	2.9	100	83	18.6
1,3-Dichlorobenzene	ND	104	101	2.9	94	83	12.4
1,3-Dichloropropane	ND	107	98	8.8	101	89	12.6
1,4-Dichlorobenzene	ND	102	98	4.0	94	82	13.6
2,2-Dichloropropane	ND	97	96	1.0	107	67	46.0
2-Chlorotoluene	ND	107	102	4.8	103	86	18.0
2-Hexanone	ND	92	86	6.7	55	55	0.0
2-Isopropyltoluene	ND	108	104	3.8	102	83	20.5
4-Chlorotoluene	ND	107	101	5.8	97	82	16.8
4-Methyl-2-pentanone	ND	100	94	6.2	83	79	4.9
Acetone	ND	91	89	2.2	45	43	4.5
Acrylonitrile	ND	91	91	0.0	93	84	10.2
Benzene	ND	107	104	2.8	103	76	30.2
Bromobenzene	ND	107	105	1.9	100	89	11.6
Bromochloromethane	ND	135	140	3.6	143	119	18.3

QA/QC Data

SDG I.D.: GAZ10978

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
Bromodichloromethane	ND	101	99	2.0	94	75	22.5
Bromoform	ND	87	82	5.9	70	66	5.9
Bromomethane	ND	97	94	3.1	98	68	36.1
Carbon Disulfide	ND	110	108	1.8	108	71	41.3
Carbon tetrachloride	ND	110	94	15.7	93	64	36.9
Chlorobenzene	ND	105	102	2.9	101	79	24.4
Chloroethane	ND	106	102	3.8	103	67	42.4
Chloroform	ND	125	123	1.6	131	98	28.8
Chloromethane	ND	102	100	2.0	105	64	48.5
cis-1,2-Dichloroethene	ND	104	104	0.0	109	81	29.5
cis-1,3-Dichloropropene	ND	101	98	3.0	88	74	17.3
Dibromochloromethane	ND	95	91	4.3	85	77	9.9
Dibromoethane	ND	108	105	2.8	100	88	12.8
Dibromomethane	ND	105	103	1.9	101	88	13.8
Dichlorodifluoromethane	ND	119	119	0.0	92	57	47.0
Ethylbenzene	ND	105	99	5.9	101	78	25.7
Hexachlorobutadiene	ND	91	88	3.4	81	68	17.4
Isopropylbenzene	ND	100	97	3.0	105	86	19.9
m&p-Xylene	ND	103	98	5.0	96	75	24.6
Methyl ethyl ketone	ND	96	93	3.2	58	53	9.0
Methyl t-butyl ether (MTBE)	ND	103	100	3.0	92	82	11.5
Methylene chloride	ND	94	89	5.5	97	75	25.6
Naphthalene	ND	108	105	2.8	75	87	14.8
n-Butylbenzene	ND	105	100	4.9	95	80	17.1
n-Propylbenzene	ND	109	104	4.7	105	83	23.4
o-Xylene	ND	107	104	2.8	104	81	24.9
p-Isopropyltoluene	ND	108	103	4.7	99	82	18.8
sec-Butylbenzene	ND	108	103	4.7	105	86	19.9
Styrene	ND	103	102	1.0	97	80	19.2
tert-Butylbenzene	ND	108	102	5.7	103	84	20.3
Tetrachloroethene	ND	102	98	4.0	104	77	29.8
Tetrahydrofuran (THF)	ND	108	101	6.7	105	103	1.9
Toluene	ND	105	102	2.9	101	76	28.2
trans-1,2-Dichloroethene	ND	98	94	4.2	106	75	34.3
trans-1,3-Dichloropropene	ND	97	94	3.1	84	71	16.8
trans-1,4-dichloro-2-butene	ND	95	92	3.2	74	72	2.7
Trichloroethene	ND	112	109	2.7	98	71	32.0
Trichlorofluoromethane	ND	118	109	7.9	110	75	37.8
Trichlorotrifluoroethane	ND	115	113	1.8	116	80	36.7
Vinyl chloride	ND	104	103	1.0	106	63	50.9
% 1,2-dichlorobenzene-d4	103	101	102	1.0	100	104	3.9
% Bromofluorobenzene	95	96	96	0.0	98	94	4.2
% Dibromofluoromethane	98	100	107	6.8	106	104	1.9
% Toluene-d8	97	99	99	0.0	98	99	1.0

QA/QC Batch 154728, QC Sample No: AZ11476 (AZ10981, AZ10983)

Volatiles

1,1,1,2-Tetrachloroethane	ND	99	100	1.0	100	97	3.0
1,1,1-Trichloroethane	ND	113	111	1.8	109	108	0.9
1,1,2,2-Tetrachloroethane	ND	91	86	5.6	68	65	4.5
1,1,2-Trichloroethane	ND	100	101	1.0	105	98	6.9
1,1-Dichloroethane	ND	108	109	0.9	110	107	2.8
1,1-Dichloroethene	ND	92	93	1.1	111	108	2.7

QA/QC Data

SDG I.D.: GAZ10978

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
1,1-Dichloropropene	ND	102	105	2.9	109	102	6.6
1,2,3-Trichlorobenzene	ND	96	105	9.0	88	87	1.1
1,2,3-Trichloropropane	ND	89	86	3.4	73	72	1.4
1,2,4-Trichlorobenzene	ND	94	99	5.2	84	81	3.6
1,2,4-Trimethylbenzene	ND	99	101	2.0	98	92	6.3
1,2-Dibromo-3-chloropropane	ND	92	94	2.2	92	86	6.7
1,2-Dichlorobenzene	ND	102	106	3.8	98	95	3.1
1,2-Dichloroethane	ND	103	103	0.0	105	102	2.9
1,2-Dichloropropane	ND	102	103	1.0	102	96	6.1
1,3,5-Trimethylbenzene	ND	101	101	0.0	101	95	6.1
1,3-Dichlorobenzene	ND	100	102	2.0	94	93	1.1
1,3-Dichloropropane	ND	101	99	2.0	100	97	3.0
1,4-Dichlorobenzene	ND	96	100	4.1	92	93	1.1
2,2-Dichloropropane	ND	103	100	3.0	98	109	10.6
2-Chlorotoluene	ND	102	101	1.0	101	96	5.1
2-Hexanone	ND	80	83	3.7	76	73	4.0
2-Isopropyltoluene	ND	105	104	1.0	105	99	5.9
4-Chlorotoluene	ND	101	103	2.0	97	93	4.2
4-Methyl-2-pentanone	ND	90	92	2.2	85	85	0.0
Acetone	ND	73	86	16.4	75	74	1.3
Acrylonitrile	ND	93	91	2.2	91	88	3.4
Benzene	ND	103	103	0.0	105	101	3.9
Bromobenzene	ND	104	102	1.9	102	100	2.0
Bromochloromethane	ND	109	111	1.8	123	137	10.8
Bromodichloromethane	ND	97	100	3.0	98	94	4.2
Bromoform	ND	83	83	0.0	79	77	2.6
Bromomethane	ND	107	105	1.9	105	107	1.9
Carbon Disulfide	ND	115	116	0.9	108	108	0.0
Carbon tetrachloride	ND	109	114	4.5	115	111	3.5
Chlorobenzene	ND	105	104	1.0	103	99	4.0
Chloroethane	ND	113	115	1.8	106	107	0.9
Chloroform	ND	104	106	1.9	126	125	0.8
Chloromethane	ND	97	101	4.0	96	93	3.2
cis-1,2-Dichloroethene	ND	109	111	1.8	111	141	23.8
cis-1,3-Dichloropropene	ND	97	99	2.0	94	91	3.2
Dibromochloromethane	ND	94	91	3.2	87	85	2.3
Dibromoethane	ND	102	106	3.8	103	101	2.0
Dibromomethane	ND	102	103	1.0	103	104	1.0
Dichlorodifluoromethane	ND	123	124	0.8	91	90	1.1
Ethylbenzene	ND	103	102	1.0	103	99	4.0
Hexachlorobutadiene	ND	98	96	2.1	99	94	5.2
Isopropylbenzene	ND	97	95	2.1	105	98	6.9
m&p-Xylene	ND	101	102	1.0	100	97	3.0
Methyl ethyl ketone	ND	87	90	3.4	82	83	1.2
Methyl t-butyl ether (MTBE)	ND	106	106	0.0	107	102	4.8
Methylene chloride	ND	94	93	1.1	97	98	1.0
Naphthalene	ND	105	108	2.8	92	95	3.2
n-Butylbenzene	ND	102	100	2.0	95	90	5.4
n-Propylbenzene	ND	104	101	2.9	100	97	3.0
o-Xylene	ND	106	106	0.0	103	100	3.0
p-Isopropyltoluene	ND	104	103	1.0	101	95	6.1
sec-Butylbenzene	ND	105	102	2.9	104	100	3.9
Styrene	ND	104	102	1.9	101	98	3.0

QA/QC Data

SDG I.D.: GAZ10978

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
tert-Butylbenzene	ND	104	103	1.0	106	101	4.8
Tetrachloroethene	ND	104	100	3.9	105	101	3.9
Tetrahydrofuran (THF)	ND	98	97	1.0	89	88	1.1
Toluene	ND	103	103	0.0	105	100	4.9
trans-1,2-Dichloroethene	ND	100	104	3.9	109	110	0.9
trans-1,3-Dichloropropene	ND	95	98	3.1	91	90	1.1
trans-1,4-dichloro-2-butene	ND	88	86	2.3	73	72	1.4
Trichloroethene	ND	108	113	4.5	123	120	2.5
Trichlorofluoromethane	ND	124	118	5.0	113	112	0.9
Trichlorotrifluoroethane	ND	126	120	4.9	120	119	0.8
Vinyl chloride	ND	107	108	0.9	106	103	2.9
% 1,2-dichlorobenzene-d4	101	99	99	0.0	104	100	3.9
% Bromofluorobenzene	97	98	99	1.0	99	97	2.0
% Dibromofluoromethane	103	107	107	0.0	110	107	2.8
% Toluene-d8	97	97	100	3.0	100	99	1.0

Comment:

A blank MS/MSD was analyzed with this batch.

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
June 18, 2010

Reasonable Confidence Protocol
Laboratory Analysis QA/QC Certification Form

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

Project Location: WOLCOTT RTE 69 **Project Number:**

Laboratory Sample ID(s): AZ10978, AZ10979, AZ10980, AZ10981, AZ10982, AZ10983, AZ10984, AZ10985, AZ10986, AZ10987, AZ10988, AZ10989, AZ10990, AZ10991, AZ10992, AZ10993, AZ10994, AZ10995

Sampling Date(s): 6/2/2010

RCP Methods Used:

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

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

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

Date: Friday, June 18, 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

June 18, 2010

SDG I.D.: GAZ10978

AZ10978, AZ10982, AZ10984 and AZ10985 - Client provided low level VOC vials had to much sample and would not purge for the volatile analysis. Phoenix prepared sample per method 5035.

Sample AZ10987, the surrogate compound for the ETPH analysis had low recovery. There was insufficient sample for re-extract. A low bias is possible.

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.

8270 Semi-volatile Organics:
Only the PAH constituents are reported as requested on the chain-of-custody. In order to achieve the requested reporting levels for the target compounds, the sample was extracted and analyzed via 8270 selective ion monitoring (SIM).

ETPH Narration

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

The LCS/LCSD RPD was greater than 20 due to variability in the extractions of the LCS and LCSD. The sample results were "ND"; a sample bias is not suspected.

Instrument: Au-fid1 06/04/10-1 (AZ10978, AZ10979, AZ10980, AZ10981, AZ10982, AZ10983, AZ10984, AZ10985, AZ10991)

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

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

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

Printed Name Keith Aloisa
Position: Chemist
Date: 6/4/2010

Instrument: Au-xl1 06/04/10-1 (AZ10978, AZ10979, AZ10980, AZ10981, AZ10982, AZ10983, AZ10984, AZ10985, AZ10991)

Initial Calibration (FIDXL1 - APR 2010/ETPH_1) - The initial calibration curve was within method criteria and had a %RSD less than 30%.

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

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

Printed Name Keith Aloisa
Position: Chemist
Date: 6/4/2010

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

RCP Certification Report

June 18, 2010

SDG I.D.: GAZ10978

Instrument: Au-xl1 06/07/10-1 (AZ10988, AZ10989, AZ10990, AZ10994)

Initial Calibration (FIDXL1 - APR 2010/ETPH_1) - The initial calibration curve was within method criteria and had a %RSD less than 30%.

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

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

Printed Name Keith Aloisa
Position: Chemist
Date: 6/7/2010

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: % n-Pentacosane, Ext. Petroleum HC

Mercury Narration

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

Instrument: Merlin 06/04/10-1 (AZ10978, AZ10979, AZ10980, AZ10981, AZ10982, AZ10983, AZ10984, AZ10985, AZ10991)

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: 6/4/2010

Instrument: Merlin 06/07/10-1 (AZ10988, AZ10989, AZ10990)

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.

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

June 18, 2010

SDG I.D.: GAZ10978

Printed Name	Rick Schweitzer
Position:	Chemist
Date:	6/7/2010

QC (Site 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.

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

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

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

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

QC (Batch Specific)

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

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

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

ICP Narration

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

Instrument: Icp7 06/16/10-1 (AZ10978, AZ10980, AZ10985, AZ10991)

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:	6/16/2010

Instrument: Icp7 06/17/10-1 (AZ10991)

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.

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

June 18, 2010

SDG I.D.: GAZ10978

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: 6/17/2010

Instrument: Icp9 06/04/10-1 (AZ10978, AZ10979, AZ10980, AZ10981, AZ10982, AZ10983, AZ10984, AZ10985, AZ10990)

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: 6/4/2010

Instrument: Icp9 06/07/10-1 (AZ10991)

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: 6/7/2010

Instrument: Icp9 06/08/10-1 (AZ10988, AZ10989)

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: 6/8/2010

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

RCP Certification Report

June 18, 2010

SDG I.D.: GAZ10978

QC (Site 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.

All MS recoveries were within 75 - 125 with the following exceptions: Selenium

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

All MS/MSD RPDs were less than 20% with the following exceptions: None.

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

QC (Batch Specific)

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

All LCSD recoveries were within 75 - 125 with the following exceptions: 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: Chem04 06/04/10-1 (AZ10978, AZ10979, AZ10980, AZ10981, AZ10982, AZ10983, AZ10984, AZ10985)

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

Initial Calibration (Chem04/BN_0527):
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 compounds had >20% difference from the initial calibration: None.

Printed Name Harry Mullin
Position: Chemist
Date: 6/4/2010

Instrument: Chem07 06/04/10-1 (AZ10991)

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

June 18, 2010

SDG I.D.: GAZ10978

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

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.

Initial Calibration (Chem07/BN_0505):
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: % Terphenyl-d14

Printed Name Keith Aloisa
Position: Chemist
Date: 6/4/2010

Instrument: Chem07 06/08/10-1 (AZ10981)

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

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.

Initial Calibration (Chem07/BN_0505):
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: Benzo(ghi)perylene

Printed Name Harry Mullin
Position: Chemist
Date: 6/8/2010

QC (Batch Specific)

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

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

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

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

June 18, 2010

SDG I.D.: GAZ10978

PAHSIM Narration

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

Instrument: Chem04 06/07/10-1 (AZ10988, AZ10989, AZ10990)

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

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.

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

Initial Calibration (Chem04/SIMBN_0607):
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: benzo (a) pyrene

Printed Name Harry Mullin
Position: Chemist
Date: 6/7/2010

QC Comments: QC Batch 54668 06/05/10 (AZ10988, AZ10989, AZ10990)

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

QC (Site Specific)

All LCS recoveries were within 20 - 130 with the following exceptions: None.

All LCSD recoveries were within 20 - 130 with the following exceptions: None.

All LCS/LCSD 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.

PCB Narration

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

Instrument: Au-ecd5 06/04/10-1 (AZ10991)

8082 Narration:

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

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

June 18, 2010

SDG I.D.: GAZ10978

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

Printed Name Michael Hahn
Position: Chemist
Date: 6/4/2010

Instrument: Au-ecd7 06/07/10-1 (AZ10979)

8082 Narration:

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

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

Printed Name Michael Hahn
Position: Chemist
Date: 6/7/2010

QC Comments: QC Batch 54754 06/07/10 (AZ10988, AZ10989, AZ10990)

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

QC (Site 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.

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: % DCBP (Surrogate Rec), % TCMX (Surrogate Rec), PCB-1016

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: % DCBP (Surrogate Rec), PCB-1016

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

June 18, 2010

SDG I.D.: GAZ10978

SVOASIM Narration

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

QC Comments: QC Batch 54668 06/05/10 (AZ10988, AZ10989, AZ10990)

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

QC (Site 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.

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

VOA Narration

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

For sample ID AZ10993 several of the LCS/LCSD RPD were above 20%. These compounds were not detected in the sample. NO significant analytical bias is suspected.

Instrument: Chem01 06/04/10-2 (AZ10993)

Initial Calibration Verification (CHEM01/RCP_0514):
All SPCCs, CCCs and >80% of target compounds met criteria.
The following compounds had %RSDs >30%: 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%: 4-Chlorotoluene, Hexachlorobutadiene

Printed Name Johanna Harrington
Position: Chemist
Date: 6/4/2010

Instrument: Chem02 06/03/10-1 (AZ10990, AZ10992, AZ10994)

P-Side
Initial Calibration (RPP_0528):
All SPCCs, CCCs and >80% of target compounds met criteria.

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.

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

June 18, 2010

SDG I.D.: GAZ10978

Q-Side
Initial Calibration (RPQ_0528):
All SPCCs, CCCs and >80% of target compounds met criteria.

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%: Acetone, 1,2,4-Trichlorobenzene, Naphthalene, 1,2,3-Trichlorobenzene

Printed Name Johanna Harrington
Position: Chemist
Date: 6/3/2010

Instrument: Chem08 06/03/10-1 (AZ10987, AZ10988, AZ10989)

R -Side
Initial Calibration(RCPR_0525):
All SPCCs, CCCs and >80% of target compounds met criteria.

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

S -Side
Initial Calibration(RCPS_0525):
All SPCCs, CCCs and >80% of target compounds met criteria.

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%:

Printed Name Johanna Harrington
Position: Chemist
Date: 6/3/2010

Instrument: Chem11 06/04/10-1 (AZ10978, AZ10979, AZ10980)

Initial Calibration Verification (CHEM11/RCPS_0428):
All SPCCs, CCCs and >80% of target compounds met criteria.
The following compounds had %RSDs >30%: 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.

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

June 18, 2010

SDG I.D.: GAZ10978

Printed Name Johanna Harrington
Position: Chemist
Date: 6/4/2010

Instrument: Chem11 06/04/10-2 (AZ10982, AZ10984, AZ10985, AZ10986, AZ10991)

Initial Calibration Verification (CHEM11/RCPS_0428):
All SPCCs, CCCs and >80% of target compounds met criteria.
The following compounds had %RSDs >30%: 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.

Printed Name Johanna Harrington
Position: Chemist
Date: 6/4/2010

Instrument: Chem11 06/06/10-2 (AZ10981, AZ10983)

Initial Calibration Verification (CHEM11/RCPS_0428):
All SPCCs, CCCs and >80% of target compounds met criteria.
The following compounds had %RSDs >30%: 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%:

Printed Name Johanna Harrington
Position: Chemist
Date: 6/6/2010

QC (Batch Specific)

All LCS recoveries were within 70 - 130 with the following exceptions: 1,2,3-Trichlorobenzene, 4-Chlorotoluene, Acetone, Bromochloromethane, Naphthalene

All LCSD recoveries were within 70 - 130 with the following exceptions: 4-Chlorotoluene, Acrylonitrile, Bromochloromethane, Bromomethane

All LCS/LCSD RPDs were less than 30% with the following exceptions: Bromomethane, Hexachlorobutadiene

PHOENIX Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

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

Temp 6° Pg 1 of 2

Data Delivery:
☐ Fax #:
☒ Email: paul.dalabas@teamdtc.com

Customer: Diversified Technology Consultants
Address: 2321 Whitney Ave Suite 301
Hamden CT 06518

Project: Wolcott - Rte 69
Report to: Paul Dalabas
Invoice to: D.T.C. *DAS Pricing*

Project P.O: 09-188-01E
Phone #: 203-239-4260
Fax #:

Client Sample - Information - Identification

Sampler's Signature: [signature] Date 6/2/10

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 8270	PAHs 8270	PCBs 8082	Total RCRA-8	Dissolved RCRA-8							Soil VOA (4) Methanol [ ] S. Bisulfate (2) H20	GL Soil container (8) oz	GL Soil container (4) oz	40 ml VOA Vial [ ] As is (4) HCl	GL Amber 1000ml (4) As is [ ] H2SO4	PL As is [ ] 250ml (4) 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
10978	B-1 2-3.4'	S	6-2	1100	*	*	*	*	*								*	1	1							
10979	B-2 2-4'	S		0900	*	*	*	*	*								*	1	1							
10980	B-2 4-6'	S		0915	*	*	*	*	*								*	1								
10981	B-3 4-6'	S		0815	*	*	*	*	*								*	2								
10982	B-3 6-8'	S		0825	*	*	*	*	*								*	2								
10983	B-4 1.5-3.2'	S		1000	*	*	*	*	*								*	2								
10984	B-4 4-6'	S		1015	*	*	*	*	*								*	2								
10985	B-5 2-3.6'	S		1130	*	*	*	*	*								*	1								
10986	B-5 4-5'	S		1140	*												*		1							
10987	B-2	GW		0945	*	*														2	1					
10988	B-3	GW		0845	*	*	*	*			*									2	3	1				
10989	B-4	GW	↓	1030	*	*	*	*			*									2	3	1				

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	6/3/10	11:25
[signature]	[signature]		17:02

Comments, Special Requirements or Regulations:
Will need to run SPLP/TCLP analysis on some samples after initial report. Please retain samples for this purpose

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 4 Pg 2 of 2

Data Delivery:
☐ Fax #:
☒ Email: paul.dalakas@teardrc.com

Customer: D.T.C.
Address: 2321 Whitney Ave Suite 301
Hamden CT 06518

Project: Wolcott - Rte 69
Report to: Paul Dalakas
Invoice to: D.T.C. * DAS Pricing

Project P.O: 09-188-01E
Phone #: 203-239-4200
Fax #:

Client Sample - Information - Identification

Sampler's Signature: Jean Cook Date 6/2/10

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	RAHs 8270	PCBs 8082	ETPH	Total RCRA-8	Dissolved RCRA-8						Soil VOA (1) Methanol [ ] S. Bisulfate (2) H20	GL Soil container (8) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [1] HCl	GL Amber 1000ml [1] As is [ ] H2SO4	PL As is [ ] 250ml [1] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
10990	Duplicate - 1	GW	6-2		*	*	*	*			*								2	3	1				
10991	Duplicate - 2	SO	6-2		*	*	*	*	*								*	1							
10992	Trip Blank - 1		6-2		*														1						
10993	Trip Blank - 2 high		6-2		*												1								
10994	Field Blank	O	6-2		*			*											2	1					

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	6/3/10	11:25
[signature]	[signature]	6/3/10	17:02

Comments, Special Requirements or Regulations:

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☐ Standard
☐ Other

* 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 4° Pg 1 of 2

Data Delivery:
☐ Fax #:
☒ Email: paul.dalakas@tcandtc.com

Customer: Diversified Technology Consultants
Address: 2321 Whitney Ave Suite 301, Hamden CT 06518

Project: Wolcott - Rte 69
Report to: Paul Dalakas
Invoice to: D.T.C. *DAS Pricing*

Project P.O.: 09-188-01E
Phone #: 203-239-4203
Fax #:

Client Sample - Information - Identification

Sampler's Signature: Jason Cochran Date: 6/2/10

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

Analysis Request

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	VOCs 8260	SVOCs 8270	PAHs 8270	PCBs 8082	Total RCRA-8	Dissolved RCRA-8	SPLP As, Ba	SPLP Pb	TCLP Pb	SPLP Cr	Soil VOA Methanol [ ] 5 Bisulfate [5] H20	GL Soil container (8) oz	GL Soil container (4) 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
10978	B-1 2-3.4'	S	6-2	1100	*	*	*	*	*			X					*	1	1					
10979	B-2 2-4'	S		0900	*	*	*	*	*								*	1	1					
10980	B-2 4-6'	S		0915	*	*	*	*	*				X				*	1						
10981	B-3 4-6'	S		0815	*	*	*	*	*								*	2						
10982	B-3 6-8'	S		0825	*	*	*	*	*								*	2						
10983	B-4 1.5-3.2'	S		1000	*	*	*	*	*								*	2						
10984	B-4 4-6'	S		1015	*	*	*	*	*								*	2						
10985	B-5 2-3.6'	S		1130	*	*	*	*	*							X	*	1						
10986	B-5 4-5'	S		1140	*												*		1					
10987	B-2	GW		0945	*	*														2	1			
10988	B-3	GW		0815	*	*	*	*			*									2	3	1		
10989	B-4	GW	↓	1030	*	*	*	*			*									2	3	1		

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	6/2/10	11:25
[signature]	[signature]		17:02

Comments, Special Requirements or Regulations:
Will need to run SPLP/TCLP analysis on some samples after initial report. Please retain samples for this purpose 6/15 Please analyze SPLP/TCLP 2 DAY TAT (PD)

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 4 Pg 2 of 2

Data Delivery:
☐ Fax #:
☒ Email: paul.dalakas@treadrtc.com

Customer: D.T.C.
Address: 2321 Whitney Ave Suite 301, Hamden CT 06518

Project: Wolcott - Rte 69
Report to: Paul Dalakas
Invoice to: D.T.C. & DAS Diagnostic

Project P.O: CR-188-01E
Phone #: 203-239-4200
Fax #:

Client Sample - Information - Identification

Sampler's Signature: Jean Cobb Date 6/2/10

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

Analysis Request

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	VOCs 8260	SVOCs 8270	PCBs 8082	ETPH	Total RCRA-8	Dissolved RCRA-8	SPLP Pb	TCLP Pb						Spl VOA [1] Methanol [ ] S. Bisulfate [2] H2O	GL Soil container [8]) oz	GL Soil container [ ]) oz	40 ml VOA Vial [ ] As is [1] HCl	GL Amber 1000ml [1] As is [1] HCl	PL As is [ ] 250ml [1] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
10990	Duplicate - 1	GW	6-2		*	*	*	*			*										2	3	1				
10991	Duplicate - 2	SO	6-2		*	*	*	*	*			X	X					*	1								
10992	Trip Blank - 1		6-2		*																1						
10993	Trip Blank - 2 high		6-2		*													1									
10994	Field Blank	O	6-2		*			*													2	1					

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	6/3/10	11:25
[signature]	[signature]	6/3/10	17:02

Comments, Special Requirements or Regulations:

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☐ Standard
☐ Other

* 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