Task 210
Subsurface Site Investigation
Culvert Replacement on Routes 68 & 70 Over the Farmington Canal, Cheshire, CT
State Project No. 25-140

Prepared for

State of Connecticut
Department of Transportation
Division of
Environmental Compliance
Bureau of Engineering and
Highway Operations
Newington, Connecticut

Prepared by

Windsor, Connecticut

November 2009

TASK 210
SUBSURFACE SITE INVESTIGATION
CULVERT REPLACEMENT ON ROUTES 68 & 70 OVER THE FARMINGTON CANAL
CHESHIRE, CONNECTICUT

ConnDOT Project Number: 25-140

Prepared for
State of Connecticut Department of Transportation
Newington, Connecticut

Prepared by
TRC
Windsor, Connecticut

TRC Project No. 107307-003848-000210
ConnDOT Project No. 25-140

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1.0 INTRODUCTION

1.1 Overview

Pursuant to TRC's Connecticut Department of Transportation (ConnDOT) Contract for On-Call Environmental Services, TRC performed a Task 210 Subsurface Site Investigation in the area of the culvert replacement on Routes 68 & 70 (over the Farmington Canal), located in Cheshire, Connecticut (Figure 1). This investigation was conducted as part of the preliminary activities associated with the proposed culvert replacement under ConnDOT Project No. 25-140.

1.2 Objectives

The primary objective of the subsurface investigation was to determine if there are any impacts to the shallow soils (in particular, related to the four surrounding properties which include an auto-body shop, a lumber warehouse, an active gasoline station and a former manufacturing facility). Specifically, it was proposed that soils up to twelve feet below the ground surface, which corresponds to the approximate depth to which new drainage structures will be constructed, be evaluated. Sediment, surface water and ground water in the area that will be disturbed as part of the culvert replacement activities were also investigated. To fulfill this objective, the analytical results of the soil and ground water sampling conducted as part of this Task 210 have been compared to the numerical criteria set forth in Connecticut's Remediation Standard Regulations (RSRs). This evaluation of the data will aid in managing the materials encountered during the construction activities.

1.3 Background

A review of the Preliminary Design Review provided to TRC by ConnDOT personnel indicates that the project involves replacement of a deteriorated stone masonry box culvert which carries Routes 68 & 70 (West Main Street) over the Farmington Canal. The activities associated with the proposed culvert replacement project precipitated the need to characterize the soils, shallow ground water, surface water and sediments in the areas that will be disturbed during construction.

1.4 Geologic/Physical Setting

As indicated by the Surficial Materials Map of Connecticut (Stone et al, 1992), the site is located in an area underlain by sand and gravel. Additional information provided on the mapping indicates that mixtures of sand and gravel are present in individual layers and as alternating layers that are well to poorly-sorted. Soil borings that were advanced as part of this investigation yielded information on the characteristics of the soils in the project area that is generally consistent with the information presented on the geologic mapping. The soil observed in borings advanced in the project area also contained some silt and clay.

As indicated by the Geological Map of Connecticut (Rogers, 1985), the site is located within the Central Lowlands. The site is underlain by Portland Arkose, a reddish-brown sandstone.

The topography in the immediate project area can be characterized as generally flat. On a local level, topography on the western side of the culvert slopes gently from the northwest to the southeast. The topography on the eastern side of the culvert slopes gently from the southeast to the northwest. Based on the local topography, ground water is anticipated to flow toward the Farmington Canal. According to CTDEP ground water classification maps reviewed by TRC, ground water beneath the site of the proposed project is classified as GAA.

2.0 TECHNICAL APPROACH

This section of the report summarizes the sampling techniques employed during the Task 210 field investigation. Observations made in the field are also summarized in this section. The Task 210 work performed at this site was completed in accordance with the document titled *Work Plan for Task 210 Subsurface Site Investigation: Culvert Replacement on Routes 68 & 70 Over the Farmington Canal, Cheshire, Connecticut,* completed by TRC in August 2009.

The work plan proposed the collection of eight soil samples for laboratory analysis from a total of four soil borings (two samples per soil boring). As referenced in Section 1.2, these samples were collected from immediately adjacent to the four properties which surround the project area. Specifically, the soil borings were located adjacent to the four corners of the culvert. The maximum sample depth of 12 feet below grade corresponds to the maximum depth of construction in the project area. The work plan also proposed the collection of one grab ground water sample (if ground water was encountered), one surface water sample and one sediment sample from the canal for laboratory analysis.

Figure 2 depicts a site plan which includes the soil boring locations, as well as the grab ground water sample location and the surface water and sediment sample locations. A total of six samples were collected from the four soil borings (two samples were submitted from each of the borings that were advanced to greater than four feet below grade, while one sample was submitted from the borings that were advanced to less than four feet below grade due to drilling refusal - see Section 2.1). In addition, one grab ground water sample, one surface water sample and one sediment sample were collected in accordance with the proposed scope of work. The soil and sediment samples were submitted to the laboratory for the following analyses (see Table 1 for a summary): volatile organic compound (VOC) analysis by EPA Method 8260 (with Method 5035 field preservation), semi-volatile organic compound (SVOC) analysis by EPA Method 8270, extractable total petroleum hydrocarbon (ETPH) analysis by the 2001 Connecticut Method, total and Synthetic Leaching Procedure (SPLP) polychlorinated biphenyls (PCBs) by EPA Method 8082, pesticides by EPA Method 8081, herbicides by EPA Method 8151 and total RCRA 8 metals by EPA Methods 6000/7000 series. Half of the soil samples and the sediment sample were also analyzed for SPLP RCRA 8 metals by EPA Methods 6000/7000 series (with SPLP extraction by EPA Method 1312). The grab ground water and surface water sample were

analyzed for all but the SPLP parameters. All samples were analyzed by Phoenix Environmental Laboratories, Inc. of Manchester, Connecticut.

2.1 Preliminary Activities

TRC personnel performed a reconnaissance of the project area prior to beginning the investigation. White paint markings were placed along the roadway in the area in which the soil borings were to be conducted prior to the drilling contractor notifying "Call Before You Dig" (CBYD) for underground utility clearance. Preliminary activities also included the preparation of a Health and Safety Plan (HASP) to address the work completed as part of this Task 210.

2.2 Soil Sampling Program

Methodology

A total of four soil borings were advanced at the site on September 15, 2009 by Logical Environmental Solutions (LES) of Tolland, Connecticut, under direct supervision of TRC personnel. These borings were advanced utilizing a truck-mounted GeoProbe™. Soil cores were proposed to be collected continuously from the ground surface to a maximum depth of twelve feet below grade. Each four-foot soil core (collected in an acetate Macro-Core® liner) was logged with respect to soil characteristics (i.e., grain size, moisture content and any other physical characteristics) and indications of potential impacts (e.g., stains and odors). In addition, each core was field-screened using a photoionization detector (PID) prior to the collection of soil samples for analysis. Each sample interval was selected on the basis of visual and olfactory evidence of impacts and PID screening results. In the absence of obvious evidence of impacts, the soil sample intervals were chosen at the discretion of the TRC field personnel. Soil boring logs are presented in Appendix A.

Soil samples submitted to the laboratory for VOC analysis were collected in accordance with EPA Method 5035. This method outlines the collection of soil samples, without homogenization and with minimal disturbance, into extraction solvents. The remaining soil was then placed in the appropriate laboratory-supplied sample containers and then placed on ice, in a cooler, for delivery to the laboratory. The remaining soils and drill cuttings were returned to their respective boreholes.

The probe tip and Macro-Core® were decontaminated between uses to minimize the potential for cross-contamination. The decontamination was completed by washing with an Alconox and tap water mixture, followed by a tap water rinse and a deionized water rinse.

Field Observations

Based on the descriptions of the soil cores, the southern portion of the site is underlain primarily by fine-to medium-grained sand with varying amounts of silt, coarse-grained sand and gravel. Observations made from the soil cores collected from the northern portion of the site indicate that this portion of the site is underlain primarily by silt and clay. Evidence of the placement of artificial fill was observed in all of the borings at depths of 0.5 to 2.5 feet below grade. In general, the fill consisted of fine-to medium grained sand mixed with small quantities of asphalt millings, slag, ash and coal fragments. Drilling refusal was encountered in three of the four borings (SB-1, SB-3 and SB-4) at depths of three, five and seven feet below grade (respectively). The soils encountered from 12- to 34-inches below grade in soil boring SB-1 exhibited a slight petroleum odor. No elevated PID readings were associated with this interval. No staining, elevated PID readings or petroleum odors were associated with the remaining borings.

2.3 Ground Water Sampling Program

Methodology

TRC directed LES to insert one temporary well point consisting of one-inch diameter PVC screen (10-slot or 0.01-inch openings) and solid PVC riser into one of the boreholes at the site (SB-2) after completion of the soil boring. The screened section was placed in the borehole such that it intersected the water table. The formation was allowed to collapse around the screen and riser. Ground water from the temporary microwell was evacuated prior to sampling using a peristaltic pump with dedicated silicon and Tygon™ tubing.

Field Observations

Ground water was encountered in the temporary well point TW-1 (a temporary microwell set in boring SB-2) at a depth of 6.5 feet below grade. The ground water evacuated from the

temporary well point was characterized as very silty, and did not become clear as more water was purged from the well. No odors or sheens were noted in the purge water from TW-1.

2.4 Surface Water Sampling Program

Methodology

One surface water sample (SW-1) was collected during this investigation from the downstream side of the proposed culvert. The surface water sample was collected prior to collecting the sediment sample so as not to affect the surface water quality resulting from sediment entrainment. The surface water sample was collected from the surface of the water directly into laboratory-supplied containers and was analyzed for the same parameters as the grab ground water sample (see Table 1).

Field Observations

The surface water sample collected was noted to be generally clear, with a small amount of suspended organic matter. No odors or sheens were noted in association with surface water sample SW-1.

2.5 Sediment Sampling Program

Methodology

One sediment sample location (SED-1) was collected from the downstream side of the proposed culvert in the same area as the surface water sample. The sediment sample was collected utilizing a Teflon dipper scoop from the top one-half foot of sediment, and was managed in the same manner as the soil collected from the borings. The sediment sample was analyzed for the same parameters as the soil samples (see Table 1).

Field Observations

The sediment sample collected as part of this investigation was comprised primarily of a gray-black fine- to medium sand, with some silt and organic matter. The sediment sample exhibited a strong organic odor. No staining or sheens were noted in association with the sample SED-1.

2.6 Quality Assurance Samples

Quality assurance/quality control (QA/QC) samples were collected as part of the Task 210 subsurface investigation.

In order to determine the effectiveness of the decontamination of the sampling equipment, a field blank (rinsate) sample was collected and analyzed for the same analyses as the other samples submitted on the day of the sampling. The field rinsate blank was collected by pouring laboratory-supplied water over or through the sampling equipment used in the collection of the samples. The rinsate water was then collected into the appropriate laboratory-supplied sample containers. The field blank sample was designated as "FB091509".

A solvent blank was also submitted to the laboratory in order to ensure that the extraction solvents provided by the laboratory for the field preservation of soil samples to be analyzed for VOCs had not been tainted. A solvent blank was prepared by the laboratory for the shipment of soil samples submitted to the lab for VOC analysis. The solvent blank was shipped with the sample containers from the lab and remained on ice in the cooler during the collection of the soil samples. The solvent blank sample was designated as "SB091509".

A duplicate sample, two separate samples taken from the same source, was collected as part of this sampling program. The procedure for collecting duplicate sample consisted of alternating the collection of the sample between the primary sample bottle and the duplicate bottle. The duplicate sample was analyzed for the same analyses as the original sample. One duplicate soil sample, labeled "SB-4A(1-3)" was collected as part of this investigation. This was the duplicate of soil sample SB-4(1-3). Note that no duplicate sample for ground water, surface water or sediment was proposed for this sampling program due to the limited number of samples collected for those media.

3.0 INVESTIGATION RESULTS

The following section provides a summary of the analytical results of the sampling conducted within the project area. Six soil samples were collected from four borings and one sediment sample was collected from the south side of the existing culvert; the soil and sediment analytical results are summarized in Table 2 and the grab ground water and surface water analytical results are summarized in Table 3. As indicated in the summary provided in Table 1, all of the environmental samples collected as part of this Task 210 were analyzed for VOCs, SVOCs, ETPH, PCBs, pesticides, herbicides and RCRA 8 metals. Four of the soil samples and the sediment sample were also analyzed for SPLP RCRA 8 metals. A copy of the laboratory reports is provided in Appendix B.

Although the project area is not subject to the Transfer Act, the Voluntary Cleanup Program, nor the requirements of a Consent Order, the analytical results are being compared to the Connecticut RSRs to evaluate the presence of contaminants within the investigated area. This allows for management of contaminated media in a manner consistent with applicable regulations. The reported concentrations for soils and sediment are compared to the Direct Exposure Criteria (DEC) and the Pollutant Mobility Criteria (PMC) under the RSRs. Note that the RSRs are not directly applicable to sediment, however, in the absence of other criteria, the RSRs will serve as the default. The reported concentrations for ground water and surface water are compared to the Ground Water Protection Criteria (GWPC), the Residential and Industrial/Commercial Volatilization Criteria (RES VC and I/C VC) and the Surface Water Protection Criteria (SWPC).

3.1 Soil and Sediment Sample Results Summary

VOCs

As indicated in Table 2, only one VOC was detected in site soils. Naphthalene was detected above the reporting limit in soil sample SB-1(1-3). The reported concentration of 580 parts per billion (ppb) does not exceed the RSR criteria.

No VOCs were detected in the sediment sample.

SVOCs

A total of thirteen SVOCs (specifically polynuclear aromatic hydrocarbons (PAHs)) were detected in the soil sample SB-4(1-3) and its associated duplicate sample SB-4A(1-3). Concentrations of PAHs in these samples ranged from 830 ppb (dibenz(a,h)anthracene) to 12,000 ppb (fluoranthene). The reported concentrations of nine of the detected PAHs exceed one or more of the RSR criteria.

A total of sixteen SVOCs (again, specifically PAHs) were detected in the sediment sample SED-1. Concentrations of SVOCs in this sample ranged from 520 ppb (dibenz(a,h)anthracene) to 13,000 ppb (fluoranthene). Ten of the reported concentrations of SVOCs exceeded one or more RSR criteria in the sediment sample.

ETPH

ETPH was detected in soil samples SB-1(1-3) and SB-4(1-3) (and its associated duplicate SB-4A(1-3)) above the reporting limit. As indicated in Table 2, the reported concentration of 960 parts per million (ppm) in sample SB-1(1-3) exceeds both the GA PMC and the residential DEC (RDEC). The reported concentrations of ETPH in SB-4(1-3) and its associated duplicate SB-4A(1-3) (420 ppm and 250 ppm, respectively) do not exceed the applicable RSR criteria. ETPH was not detected above the reporting limits in the remaining soil samples.

ETPH was detected above the reporting limit in the sediment sample SED-1. The reported concentration of 270 ppm does not exceed the applicable RSR criteria.

PCBs (total and SPLP)

PCBs were not detected at concentrations above the reporting limit in any of the samples collected as part of this study.

Pesticides

Pesticides were not detected at concentrations above the reporting limits in any of the soil or sediment samples collected as part of this investigation.

Herbicides

Herbicides were not detected at concentrations above the reporting limits in any of the soil or sediment samples collected as part of this investigation.

Metals

Total Metals

Concentrations of one or more of the RCRA 8 metals were detected in all of the soil samples and the sediment sample collected as part of this investigation. Specifically, arsenic (0.9 ppm - 6 ppm), barium (29.1 ppm – 1,720 ppm), cadmium (0.78 ppm), chromium (5.87 ppm - 18.6 ppm), lead (8.28 ppm - 333 ppm) and mercury (0.2 ppm-0.23 ppm) were detected in site soils. None of the reported concentrations of metals detected in any of the soil samples or the sediment sample exceed the RSR criteria.

SPLP Metals

As indicated in Table 2, concentrations of one or more leachable RCRA 8 metal were detected in site soils and sediment. Specifically, detectable concentrations of arsenic (0.011 ppm), barium (0.052 ppm - 0.42 ppm), chromium (0.014 ppm) and lead (0.017 ppm - 0.162 ppm) were detected in site soils. The reported concentration of arsenic in SB-4(1-3) exceeds the GA PMC. All of the reported concentrations of leachable lead (SB-1(1-3), SB-4(1-3) and its duplicate sample SB-4A(1-3)) also exceed the GA PMC. None of the reported concentrations of barium or chromium exceed the GA PMC.

3.2 Ground Water and Surface Water Sample Analytical Results

VOCs

As indicated in Table 3, only one VOC was detected in site ground water. Naphthalene was detected above the reporting limit in the grab ground water sample TW-1. The reported concentration of 1.2 ppb does not exceed the RSR criteria.

No VOCs were detected in the surface water sample.

SVOCs

A total of three SVOCs (all PAHs) were detected in both the grab ground water sample TW-1 and the surface water sample SW-1. The reported concentration of benzo(a)anthracene (0.07 ppb) exceeds the GWPC in ground water sample TW-1 and the reported concentration phenanthrene in TW-1 (0.48 ppb) exceeds the SWPC. None of the reported concentrations in the surface water sample exceed the applicable RSR criteria.

ETPH

ETPH was not detected at concentrations above the reporting limit in the ground water or surface water sample collected as part of this study.

PCBs (total and SPLP)

PCBs were not detected at concentrations above the reporting limits in any of the samples collected as part of this investigation.

Pesticides

As shown in Table 3, the pesticide aldrin was detected in the ground water sample TW-1 at a concentration of 0.006 ppb. There is no established RSR criterion for aldrin.

Pesticides were not detected in the surface water sample collected from the canal.

Herbicides

Herbicides were not detected at concentrations above the reporting limits in the soil ground water or surface water samples collected as part of this study.

Metals

As indicated in Table 3, three metals were detected in the ground water sample collected as part of this investigation. Specifically, barium, chromium and lead were detected above the reporting limits. One metal, barium, was detected in the surface water sample collected from the canal. None of the reported concentrations of metals in the ground water sample or the surface water sample exceed the RSR criteria.

3.3 Quality Assurance / Quality Control Sample Analytical Results

As indicated in Section 2.3, a field rinsate blank, a solvent blank and a duplicate soil sample were submitted to the laboratory as part of this sampling program for quality assurance / quality control purposes. The field rinsate blank did not exhibit detectable concentrations of VOCs, SVOCs, ETPH, PCBs, pesticides, herbicides or metals.

VOCs were not detected in the solvent blank associated with this investigation.

A comparison of the analytical results from the soil sample SB-4(1-3) and its associated duplicate sample indicated a general consistency between the samples.

4.0 CONCLUSIONS AND RECOMMENDATIONS

This section briefly summarizes the findings of the Task 210 subsurface site investigation activities conducted at the project area in September 2009. Also included are recommendations based on these findings/conclusions.

4.1 Soil and Sediment

1. The soil borings drilled in the project area were advanced to a maximum depth of twelve feet below grade. Drilling refusal was encountered (presumably on bedrock) in three of the four borings from three to seven feet below grade. In general, the soils in the southern portion of the site can be characterized as fine- to medium-grained sand with varying amounts of silt, coarse-grained sand and gravel, while soils in the northern portion of the project area consisted primarily of silt and clay. Evidence of fill materials was observed in all of the borings generally between 6-inches and 30-inches below grade and consisted of fine- to medium-grained sand mixed with small quantities of asphalt millings, slag, ash and coal fragments.

2. One VOC was detected in one soil sample (SB-1(1-3)) at a concentration below the applicable RSR criteria. Several SVOCs were detected in the soil sample SB-4(1-3) and the sediment sample SED-1. The reported concentrations of several of these SVOCs exceeded one or more applicable criteria. ETPH was detected in soil samples SB-1(1-3) and SB-4(1-3), as well as in the sediment sample SED-1. Only the reported concentration of ETPH in SB-1(1-3) exceeds the RDEC and the GA PMC. No PCBs, pesticides or herbicides were detected in any of the soil and sediment samples collected in the project area. Several metals (both total and leachable) were detected in the soil samples collected from the project area. The reported concentration of leachable arsenic exceeds the GA PMC in one soil sample (SB-4(1-3)) and the reported concentration of leachable lead exceeds the GA PMC in the three soil samples identified as SB-1(1-3), SB3(1-3) and SB-4(1-3). None of the reported concentrations of metals in the sediment sample exceeded the applicable criteria.

4.2 Ground Water and Surface Water

1. Ground water was encountered in soil boring SB-2 at a depth of 6.5 feet below grade. Ground water was not observed in the remainder of the soil borings drilled in the project area.

2. One grab ground water sample (TW-1) was collected from a temporary well point installed to a depth of twelve feet below grade in the SB-2 borehole. One VOC, naphthalene, was detected in this sample at a concentration below the established RSR criteria. No VOCs were detected in the surface water sample, which was collected from the southern side of the existing culvert. Three SVOCs were also

detected above the reporting limit in the ground water sample and in the surface water sample. Two of the reported concentrations of SVOCs in the ground water sample exceeded one or more of the applicable criteria. The reported concentrations of SVOCs in the surface water sample did not exceed the RSR criteria. No ETPH or PCBs were detected in the ground water sample or in the surface water sample. The pesticide aldrin was detected in TW-1, however, there is no established RSR criterion for this compound. Pesticides were not detected in the surface water sample. There were no herbicides detected above the reporting limits in either the ground water or the surface water sample. Low concentrations of metals relative to the RSR criteria were detected in both the ground water and surface water sample.

Recommendation: Based on the presence of detectable concentrations of various constituents (some of which are in excess of RSR criteria) in the soils, sediment, ground water and surface water in the project area, a Task 310 – Plans, Specifications and Estimates is recommended for this site.

5.0 REFERENCES

Rogers, J. 1985. Bedrock Geological Map of Connecticut. State Geological and Natural History of Connecticut. Scale 1:125,000.

Stone, J.R. 1992. Surficial Materials Map of Connecticut. U.S. Department of the Interior, U.S. Geological Survey. Scale1:125,000.

FIGURES

0 2000
SCALE FEET

0 1
SCALE MILE

1:24000

BASE CREATED WITH TOPO™ © 1996 WILDFLOWERS PRODUCTIONS, New Haven, CT Quad, www.topo.com - 7.5' USGS TOPOGRAPHIC MAPS

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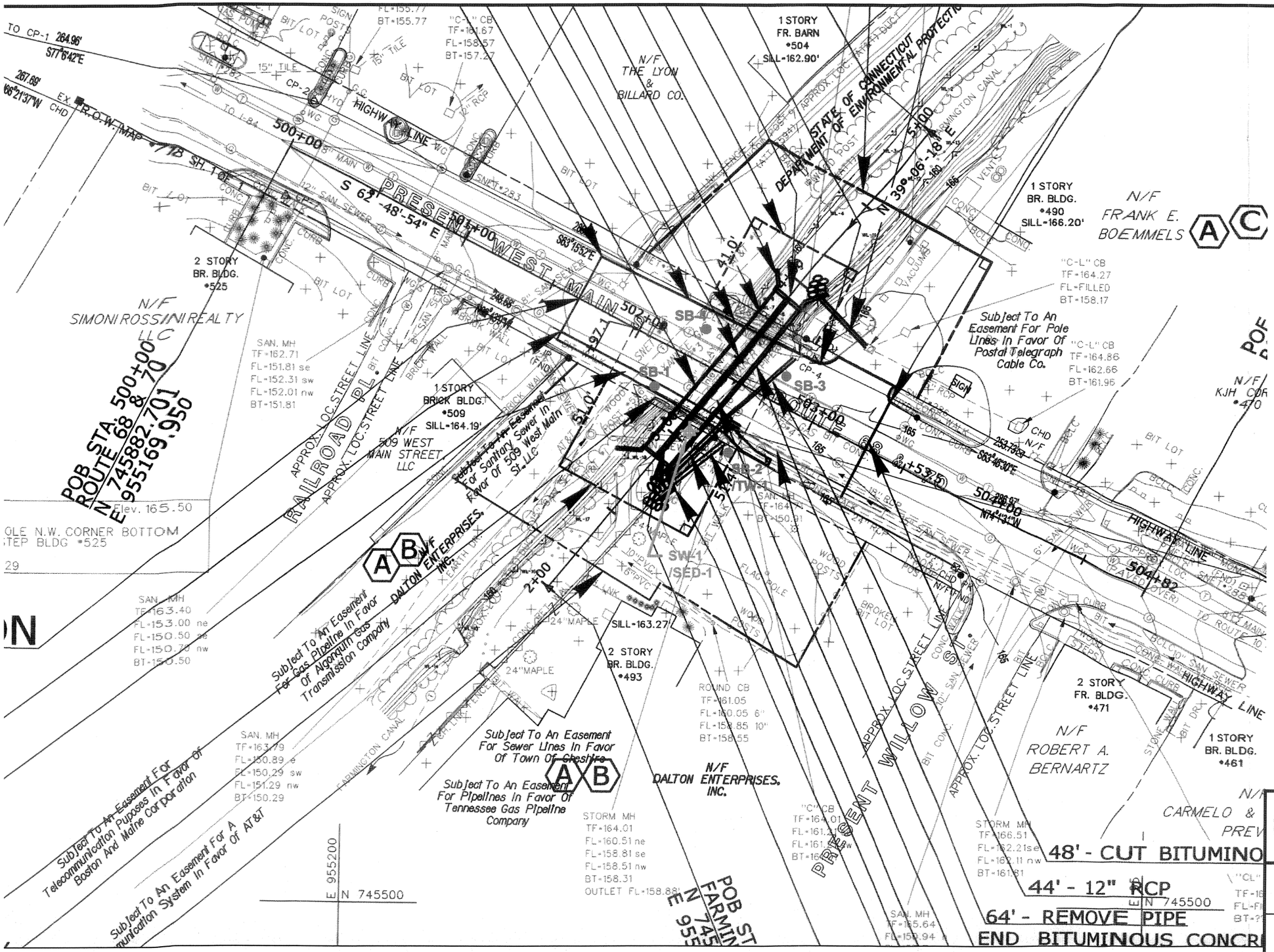
CULVERT REPLACEMENT ON ROUTES 68 & 70
OVER FARMINGTON CANAL
CHESHIRE, CONNECTICUT

FIGURE 1
SITE LOCATION MAP

Date: 11/09	**Project No.** 107307.003848.000210

pers/jw/haz/107307 CT/3848 Cheshire.fh10



LEGEND

SB-1 ●	SOIL BORING LOCATION
SB-2 ● /TW-1	SOIL BORING/GRAB GROUND WATER SAMPLE LOCATION
SW-1 /SED-1	SEDIMENT/SURFACE WATER SAMPLE LOCATION

0 40' 80'
GRAPHIC SCALE

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CULVERT REPLACEMENT ON ROUTES 68 & 70
OVER THE FARMINGTON CANAL
CHESHIRE, CONNECTICUT

FIGURE 2
ENVIRONMENTAL SAMPLE LOCATIONS

Date: 11/17/09 | Project No. 107307-003848-000210

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ate-1.dwg Layout:Layout1 November 17, 2009-10:29AM Khollenbeck

TABLES

Table 1
Sample Summary
Culvert Replacement Over the Farmington Canal - Routes 68 & 70, Cheshire, CT
ConnDOT Project No. 25-140

TRC Project No. 107307.003848.000210

Field Sample ID	Sample Matrix	Sample Depth (feet below grade)	Date Sampled	VOCs	SVOCs	ETPH	PCBs	SPLP PCBs	Pesticides/ Herbicides	RCRA 8 Metals (Total)	SPLP RCRA 8 Metals	Sample Location/Selection Rationale
SB-1 (1-3)	Soil	1-3	9/15/2009	x	x	x	x	x	x	x	x	Footprint of improvements
SB-2 (1-3)	Soil	1-3	9/15/2009	x	x	x	x	x	x	x		Footprint of improvements
SB-2 (4-4.5)	Soil	4-4.5	9/15/2009	x	x	x	x	x	x	x	x	Footprint of improvements
SB-3 (1-3)	Soil	1-3	9/15/2009	x	x	x	x	x	x	x	x	Footprint of improvements
SB-4 (1-3)	Soil	1-3	9/15/2009	x	x	x	x	x	x	x	x	Footprint of improvements
SB-4 (4-6)	Soil	4-6	9/15/2009	x	x	x	x	x	x	x		Footprint of improvements
SED-1	Sediment	NA	9/15/2009	x	x	x	x	x	x	x	x	Footprint of improvements
TW-1	Ground Water	NA	9/15/2009	x	x	x	x		x	x		Footprint of improvements
SW-1	Surface Water	NA	9/15/2009	x	x	x	x		x	x		Footprint of improvements

Notes:
RCRA 8 Metals - Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium, and Silver
SPLP - Synthetic Precipitate Leaching Procedure

Table 2
Ground Water and Surface Water Sample Analytical Results
Culvert Replacement Over the Farmington Canal - Routes 68 & 70, Cheshire, CT
ConnDOT Project No. 25-140
TRC Project No. 107307.003848.000210

Boring No.	SB-1 (1-3)	SB-2 (1-3)	SB-2 (4.5-5)	SB-3 (1-3)	SB-4 (1-3)	SB-4A (1-3) Dupl. of SB-4(1-3)	SB-4 (4-6)	SED-1	SB091509	FB091509	CT RSRs		
Sample Interval (ftbg)	1-3	1-3	4.5-5	1-3	1-3		4-6	0.0-0.5	Solvent Blank	Field Blank			
Sample Date:	9/15/2009	9/15/2009	9/15/2009	9/15/2009	9/15/2009	9/15/2009	9/15/2009	9/15/2009	9/15/2009	9/15/2009	RES DEC	I/C DEC	GA PMC
PID Results (ppm):	ND	ND	ND	ND	ND	ND	ND	ND	--	--			
Volatile Organic Compounds - ug/kg													
Method 8260/5035		ND	ND	ND	ND	ND	ND	ND	ND	ND			
Naphthalene	580										1,000,000	2,500,000	5,600
Semi-Volatile Organic Compounds - ug/kg													
Method 8270	ND	ND	ND	ND			ND		NA	ND			
Acenaphthene								550			1,000,000	2,500,000	8,400
Acenaphthylene					1,800	2,000					1,000,000	2,500,000	8,400
Anthracene					940	1,200		1,500			1,000,000	2,500,000	40,000
Benzo(a)anthracene					4,400	5,900		4,300			1,000	7,800	1,000
Benzo(a)pyrene					5,500	6,000		4,400			1,000	1,000	1,000
Benzo(b)fluoranthene					6,700	7,800		6,400			1,000	7,800	1,000
Benzo(ghi)perylene					2,800	2,500		1,700			1,000,000	2,500,000	4,200
Benzo(k)fluoranthene					2,700	2,900		1,900			8,400	78,000	1,000
Carbazole								2,400			31,000	290,000	1,000
Chrysene					5,300	5,900		5,100			84,000	780,000	1,000
Dibenz(a,h)anthracene					900	830		520			1,000	1,000	1,000
Fluoranthene					9,600	12,000		13,000			1,000,000	2,500,000	5,600
Fluorene								780			1,000,000	2,500,000	5,600
Indeno(1,2,3-cd)pyrene					2,800	2,600		1,700			1,000	7,800	1,000
Phenanthrene					4,600	4,900		8,300			1,000,000	2,500,000	4,000
Pyrene					8,100	11,000		9,600			1,000,000	2,500,000	4,000
Extractable Total Petroleum Hydrocarbons - mg/kg													
CTDEP-Approved Method	960	ND	ND	ND	420	250	ND	270	NA	ND	500	2,500	500
Polychlorinated Biphenyls - ug/kg													
Method 8082	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	1,000	10,000	--
SPLP Polchlorinated Biphenyls - ug/L													
Method 8082	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	--	--	0.5
Pesticides - ug/kg													
Method 8081	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	--	--	--
Herbicides - ug/kg													
Method 8151	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	--	--	--
Total RCRA 8 Metals- mg/kg													
Methods 6000/7000													
Arsenic	6			1.6	0.9	1.2			NA	ND	10	10	--
Barium	1720	29.1	41.4	311	238	366	143	37.9			4,700	140,000	--
Cadmium				0.78							34	1,000	--
Chromium	5.87	6.17	11.5	18.6	14.3	12.9	15.7	6.4			NE	NE	--
Lead	71.1	8.28	11.9	333	42.7	49.9	9.07	21.3			400	1,000	--
Mercury	0.23			0.22		0.2					20	610	--
SPLP RCRA 8 Metals - mg/l													
Methods 1312 & 6000/7000		NA				NA	NA		NA	NA			
Arsenic					0.011						--	--	0.01
Barium	0.261		0.069	0.283	0.42			0.052			--	--	1
Chromium					0.014						--	--	0.05
Lead	0.017			0.092	0.162						--	--	0.015

NOTES:
BOLD value indicates an exceedance of the Residential Direct Exposure Criteria (RDEC)
Underlined value indicates an exceedance of the Industrial/Commercial Direct Exposure Criteria (I/C DEC)
Shaded value indicates an exceedance of the GA Pollutant Mobility Criteria (GA PMC)
ftbg - feet below grade
ND - Not Detected
NA - Not Analyzed
NE - RSR Criterion Not Established

Table 3
Ground Water and Surface Water Sample Analytical Results
Culvert Replacement Over the Farmington Canal - Routes 68 & 70, Cheshire, CT
ConnDOT Project No. 25-140
TRC Project No. 107307.003848.000210

Sample ID: / Sample Date:	TW-1 9/15/2009	SW-1 9/15/2009	FB091509 9/15/2009 Field Blank	CT RSRs			
				GWPC	SWPC	RES VC	I/C VC
Volatile Organic Compounds - ug/l							
Method 8260/5035							
Naphthalene	1.2	ND	ND	280	NE	NE	NE
Semi-Volatile Organic Compounds - ug/l							
Method 8270			ND				
Benzo(a)anthracene	**0.07**	0.06		0.06	0.3	NE	NE
Benzo(b)fluoranthene	0.08	0.08		0.08	0.3	NE	NE
Phenanthrene	0.48	0.06		200	0.077	NE	NE
Extractable Total Petroleum Hydrocarbons - mg/l							
CTDEP-Approved Method	ND	ND	ND	0.1	NE	NE	NE
Polychlorinated Biphenyls - ug/l							
Method 8082	ND	ND	ND	0.5	0.5	NE	NE
Pesticides - ug/l							
Method 8081			ND				
Aldrin	0.006	ND	ND	NE	NE	NE	NE
Herbicides - ug/l							
Method 8151	ND	ND	ND	--	--	--	--
Total RCRA 8 Metals- mg/l							
Methods 6000/7000			ND				
Barium	0.241	0.193		1	NE	NE	NE
Chromium	0.002			0.1	NE	NE	NE
Lead	0.005			0.015	0.013	NE	NE

NOTES:
ND - Not Detected
NA - Not Analyzed
NE - Not Established
BOLD value indicates an exceedance of the Ground Water Protection Criteria (GWPC)
Shaded value indicates an exceedance of the Surface Water Protection Criteria (SWPC)

APPENDIX A

SOIL BORING LOGS

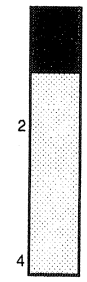
SOIL BORING LOG

Project Name: Culvert Replacement on Routes 68 & 70
Project Number: 107307-003848-000210
Project Location: Cheshire, CT
Boring Location: Vicinity of 509 W. Main Street

Drilling Company: LES
Drillers: Cindy/Wayne
TRC Inspector: Chris Lindahl

Boring: SB-1
Date Started: 9/15/09
Date Completed: 9/15/09

Depth (feet)	Recovery (inches)	PID (ppm)	(inches)	Soil Description	Lithology
0-4	34	0	0-12	Asphalt and sub-base	
			12-34	Medium brown M-SAND, little asphalt millings, trace slag and f-gravel, dry, slight petroleum odor, no stains	
				Refusal @ 3 fbg presumably on bedrock, location offset approximately 5 feet, refusal was again encountered @ 3 fbg. Sample SB-1 (1-3) collected for VOCs, SVOCs, ETPH, PCBs (total and SPLP), pesticides, herbicides and total and SPLP RCRA 8 Metals.	



Legend

Asphalt

Sand

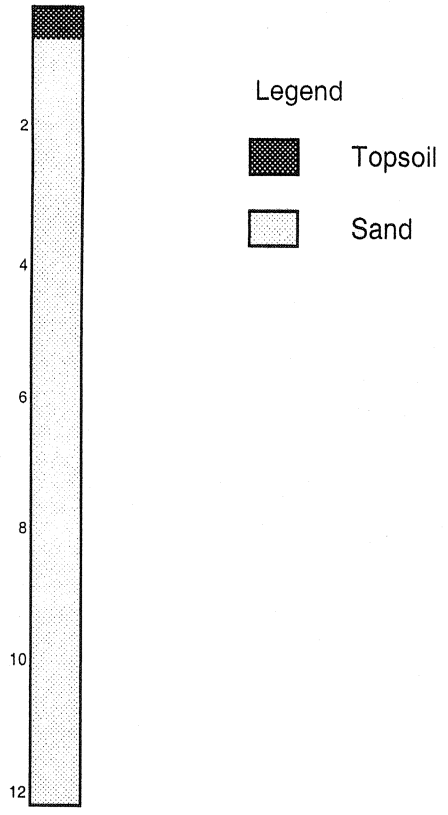
SOIL BORING LOG

Project Name: Culvert Replacement on Routes 68 & 70
Project Number: 107307-003848-000210
Project Location: Cheshire, CT
Boring Location: Vicinity of 493 W. Main Street

Drilling Company: LES
Drillers: Cindy/Wayne
TRC Inspector: Chris Lindahl

Boring: SB-2
Date Started: 9/15/09
Date Completed: 9/15/09

Depth (feet)	Recovery (inches)	PID (ppm)	(inches)	Soil Description	Lithology
0-4	30	0	0-6	Topsoil	
			6-30	Reddish-brown VF-SAND, little silt, trace f-gravel (black asphalt millings @ bottom of core), dry, no odors, no stains	
4-8	18	0	0-18	Reddish-brown F-M SAND, little silt, trace f-gravel, wet, no odors, no stains	
8-12	6	0	0-6	Medium-brown C-SAND, little f-m-sand, trace silt, saturated, no odors, no stains	
				Sample SB-2 (1-3) collected for VOCs, SVOCs, ETPH, total and SPLP PCBs, pesticides, herbicides, and total RCRA-8 metals. Sample SB-2(4.5-5) collected for VOCs, SVOCs, ETPH, total and SPLP PCBs, pesticides, herbicides and total and SPLP RCRA 8 metals. Sample TW-1, a temporary well point set in SB-2 @ 12 fbg.	



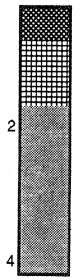
SOIL BORING LOG

Project Name: Culvert Replacement on Routes 68 & 70
Project Number: 107307-003848-000210
Project Location: Cheshire, CT
Boring Location: Vicinity of 490 W. Main Street

Drilling Company: LES
Drillers: Cindy/Wayne
TRC Inspector: Chris Lindahl

Boring: SB-3
Date Started: 9/15/09
Date Completed: 9/15/09

Depth (feet)	Recovery (inches)	PID (ppm)	(inches)	Soil Description	Lithology
0-4	30	0	0-6	Topsoil	
			6-16	Black ash, coal fragments and medium-gravel, dry, no odor	
			16-30	Medium-brown SILT and CLAY, damp, no odors, no stains	
				Refusal @ 5 fbg (no recovered soil), attempted two offsets with the same result. Sampled SB-3 (1-3) for VOCs, SVOCs, ETPH, total and SPLP PCBs, pesticides, herbicides and total and SPLP RCRA 8 metals.	



Legend

Topsoil

Fill

Silt and Clay

SOIL BORING LOG

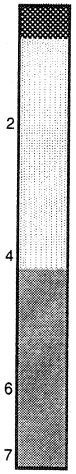
Project Name: Culvert Replacement on Routes 68 & 70
Project Number: 107307-003848-000210
Project Location: Cheshire, CT
Boring Location: Vicinity of 504 W. Main Street

Drilling Company: LES
Drillers: Cindy/Wayne
TRC Inspector: Chris Lindahl

Boring: SB-4
Date Started: 9/15/09
Date Completed: 9/15/09

Depth (feet)	Recovery (inches)	PID (ppm)	(inches)	Soil Description	Lithology
0-4	32	0	0-6	Topsoil	
			6-32	Medium-brown SILT and F-SAND, little m-c sand, trace asphalt, coal fragments, and ash, dry, no odors, no stains	
4-8	36	0	0-36	Medium-brown SILT and CLAY, little v-f-sand, damp, no odors, no stains	

Refusal @ 7 fbg presumably on bedrock.
Sample SB-4 (1-3) collected for VOCs, SVOCs, ETPH, total and SPLP PCBs, pesticides, herbicides and total and SPLP RCRA 8 metals.
Sample SB-4A (1-3), a duplicate of SB-4 (1-3) for the same analysis (except SPLP RCRA 8 metals).
Sample SB-4 (4-6) collected for VOCs, SVOCs, ETPH, total and SPLP PCBs, pesticides, herbicides and total RCRA 8 metals.



Legend

Topsoil

Silt and Sand

Silt and Clay

APPENDIX B

LABORATORY ANALYTICAL REPORTS

PHOENIX
Environmental Laboratories, Inc.

Wednesday, September 23, 2009

Attn: Ms. Marya Mahoney
TRC Environmental Corp.
21 Griffen Rd North
Windsor, CT 06095

Project ID:
Sample ID#s: AS24790 - AS24801, AS24839

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
TX Lab Registration #T104704451-09TX
VT Lab Registration #VT11301

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac
NY # 11301

Analysis Report

October 01, 2009

FOR: Attn: Ms. Marya Mahoney
TRC Environmental Corp.
21 Griffen Rd North
Windsor, CT 06095

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:		09/15/09	8:55
Location Code:	TRC	Received by:	LB	09/16/09	13:30
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	15422				

Laboratory Data

SDG ID: GAS24790
Phoenix ID: AS24790

Project ID:

Client ID: FB091509

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.001	0.001	mg/L	09/20/09		LK	6010/200.7
Arsenic	< 0.004	0.004	mg/L	09/20/09		LK	6010/200.7
Barium	< 0.002	0.002	mg/L	09/20/09		LK	6010/200.7
Cadmium	< 0.001	0.001	mg/L	09/20/09		LK	6010/200.7
Chromium	< 0.001	0.001	mg/L	09/20/09		LK	6010/200.7
Mercury	< 0.0002	0.0002	mg/L	09/17/09		TH	7470/E245.1
Lead	< 0.002	0.002	mg/L	09/20/09		LK	6010/200.7
Selenium	< 0.010	0.010	mg/L	09/20/09		LK	6010/200.7
Extraction of CT ETPH	Completed			09/16/09		O/E	3510/3520
Mercury Digestion	Completed			09/17/09		K	7471/245.1
Extraction for Herbicide	Completed			09/16/09		O/D	SW8151
PCB Extraction	Completed			09/17/09		O/O	SW3510/3520
Extraction for Pest (2 Liter)	Completed			09/16/09		O/E	3520MOD
Semi-Volatile Extraction	Completed			09/16/09		O/E	SW3510/3520
Total Metals Digestion	Completed			09/16/09		AG	
Pesticides							
4,4' -DDD	ND	0.1	ug/L	09/18/09		MH	SW8081
4,4' -DDE	ND	0.1	ug/L	09/18/09		MH	SW8081
4,4' -DDT	ND	0.1	ug/L	09/18/09		MH	SW8081
a-BHC	ND	0.05	ug/L	09/18/09		MH	SW8081
Alachlor	ND	0.1	ug/L	09/18/09		MH	SW8081
Aldrin	ND	0.003	ug/L	09/18/09		MH	SW8081
b-BHC	ND	0.01	ug/L	09/18/09		MH	SW8081
Chlordane	ND	0.3	ug/L	09/18/09		MH	SW8081
d-BHC	ND	0.05	ug/L	09/18/09		MH	SW8081
Dieldrin	ND	0.002	ug/L	09/18/09		MH	SW8081
Endosulfan I	ND	0.05	ug/L	09/18/09		MH	SW8081
Endosulfan II	ND	0.1	ug/L	09/18/09		MH	SW8081

Project ID:

Client ID: FB091509

Phoenix I.D.: AS24790

Parameter	Result	RL	Units	Date	Time	By	Reference
Endosulfan Sulfate	ND	0.1	ug/L	09/18/09		MH	SW8081
Endrin	ND	0.1	ug/L	09/18/09		MH	SW8081
Endrin Aldehyde	ND	0.1	ug/L	09/18/09		MH	SW8081
g-BHC (Lindane)	ND	0.05	ug/L	09/18/09		MH	SW8081
Heptachlor	ND	0.05	ug/L	09/18/09		MH	SW8081
Heptachlor epoxide	ND	0.05	ug/L	09/18/09		MH	SW8081
Methoxychlor	ND	0.2	ug/L	09/18/09		MH	SW8081
Toxaphene	ND	1.0	ug/L	09/18/09		MH	SW8081
QA/QC Surrogates							
%DCBP (Surrogate Rec)	76		%	09/18/09		MH	SW8081
%TCMX (Surrogate Rec)	83		%	09/18/09		MH	SW8081
Chlorinated Herbicides							
2,4,5-T	ND	0.52	ug/L	09/18/09		JRB	SW8151
2,4,5-TP (Silvex)	ND	0.52	ug/L	09/18/09		JRB	SW8151
2,4-D	ND	1.0	ug/L	09/18/09		JRB	SW8151
2,4-DB	ND	3.1	ug/L	09/18/09		JRB	SW8151
Dalapon	ND	2.6	ug/L	09/18/09		JRB	SW8151
Dicamba	ND	0.52	ug/L	09/18/09		JRB	SW8151
Dichloroprop	ND	0.52	ug/L	09/18/09		JRB	SW8151
Dinoseb	ND	0.52	ug/L	09/18/09		JRB	SW8151
QA/QC Surrogates							
% DCAA	88		%	09/18/09		JRB	SW8151
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	09/17/09		R/J	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	09/17/09		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	09/17/09		R/J	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	09/17/09		R/J	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	09/17/09		R/J	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	09/17/09		R/J	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	09/17/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	09/17/09		R/J	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	09/17/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	09/17/09		R/J	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	09/17/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	09/17/09		R/J	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	09/17/09		R/J	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	09/17/09		R/J	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	09/17/09		R/J	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	09/17/09		R/J	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	09/17/09		R/J	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	09/17/09		R/J	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	09/17/09		R/J	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	09/17/09		R/J	SW8260
2-Chlorotoluene	ND	1.0	ug/L	09/17/09		R/J	SW8260
2-Hexanone	ND	5.0	ug/L	09/17/09		R/J	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	09/17/09		R/J	SW8260
4-Chlorotoluene	ND	1.0	ug/L	09/17/09		R/J	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	09/17/09		R/J	SW8260
Acetone	ND	50	ug/L	09/17/09		R/J	SW8260

Project ID:
Client ID: FB091509

Phoenix I.D.: AS24790

Parameter	Result	RL	Units	Date	Time	By	Reference
Acrylonitrile	ND	5.0	ug/L	09/17/09		R/J	SW8260
Benzene	ND	1.0	ug/L	09/17/09		R/J	SW8260
Bromobenzene	ND	1.0	ug/L	09/17/09		R/J	SW8260
Bromochloromethane	ND	1.0	ug/L	09/17/09		R/J	SW8260
Bromodichloromethane	ND	0.50	ug/L	09/17/09		R/J	SW8260
Bromoform	ND	1.0	ug/L	09/17/09		R/J	SW8260
Bromomethane	ND	1.0	ug/L	09/17/09		R/J	SW8260
Carbon Disulfide	ND	5.0	ug/L	09/17/09		R/J	SW8260
Carbon tetrachloride	ND	1.0	ug/L	09/17/09		R/J	SW8260
Chlorobenzene	ND	1.0	ug/L	09/17/09		R/J	SW8260
Chloroethane	ND	1.0	ug/L	09/17/09		R/J	SW8260
Chloroform	ND	1.0	ug/L	09/17/09		R/J	SW8260
Chloromethane	ND	1.0	ug/L	09/17/09		R/J	SW8260
cis-1,2-Dichloroethene	ND	1.0	ug/L	09/17/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	09/17/09		R/J	SW8260
Dibromochloromethane	ND	0.50	ug/L	09/17/09		R/J	SW8260
Dibromoethane	ND	1.0	ug/L	09/17/09		R/J	SW8260
Dibromomethane	ND	1.0	ug/L	09/17/09		R/J	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	09/17/09		R/J	SW8260
Ethylbenzene	ND	1.0	ug/L	09/17/09		R/J	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	09/17/09		R/J	SW8260
Isopropylbenzene	ND	1.0	ug/L	09/17/09		R/J	SW8260
m&p-Xylene	ND	1.0	ug/L	09/17/09		R/J	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	09/17/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	09/17/09		R/J	SW8260
Methylene chloride	ND	1.0	ug/L	09/17/09		R/J	SW8260
Naphthalene	ND	1.0	ug/L	09/17/09		R/J	SW8260
n-Butylbenzene	ND	1.0	ug/L	09/17/09		R/J	SW8260
n-Propylbenzene	ND	1.0	ug/L	09/17/09		R/J	SW8260
o-Xylene	ND	1.0	ug/L	09/17/09		R/J	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	09/17/09		R/J	SW8260
sec-Butylbenzene	ND	1.0	ug/L	09/17/09		R/J	SW8260
Styrene	ND	1.0	ug/L	09/17/09		R/J	SW8260
tert-Butylbenzene	ND	1.0	ug/L	09/17/09		R/J	SW8260
Tetrachloroethene	ND	1.0	ug/L	09/17/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	09/17/09		R/J	SW8260
Toluene	ND	1.0	ug/L	09/17/09		R/J	SW8260
Total Xylenes	ND	1.0	ug/L	09/17/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	09/17/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	09/17/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	09/17/09		R/J	SW8260
Trichloroethene	ND	1.0	ug/L	09/17/09		R/J	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	09/17/09		R/J	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	09/17/09		R/J	SW8260
Vinyl chloride	ND	1.0	ug/L	09/17/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	108		%	09/17/09		R/J	SW8260
% Bromofluorobenzene	92		%	09/17/09		R/J	SW8260
% Dibromofluoromethane	102		%	09/17/09		R/J	SW8260
% Toluene-d8	100		%	09/17/09		R/J	SW8260

Project ID:
Client ID: FB091509

Phoenix I.D.: AS24790

Parameter	Result	RL	Units	Date	Time	By	Reference
Semivolatiles							
1,2,4-Trichlorobenzene	ND	10	ug/L	09/21/09		HM	SW 8270
1,2-Dichlorobenzene	ND	10	ug/L	09/21/09		HM	SW 8270
1,3-Dichlorobenzene	ND	10	ug/L	09/21/09		HM	SW 8270
1,4-Dichlorobenzene	ND	10	ug/L	09/21/09		HM	SW 8270
2,4,5-Trichlorophenol	ND	10	ug/L	09/21/09		HM	SW 8270
2,4,6-Trichlorophenol	ND	10	ug/L	09/21/09		HM	SW 8270
2,4-Dichlorophenol	ND	10	ug/L	09/21/09		HM	SW 8270
2,4-Dimethylphenol	ND	10	ug/L	09/21/09		HM	SW 8270
2,4-Dinitrophenol	ND	50	ug/L	09/21/09		HM	SW 8270
2,4-Dinitrotoluene	ND	10	ug/L	09/21/09		HM	SW 8270
2,6-Dinitrotoluene	ND	10	ug/L	09/21/09		HM	SW 8270
2-Chloronaphthalene	ND	10	ug/L	09/21/09		HM	SW 8270
2-Chlorophenol	ND	10	ug/L	09/21/09		HM	SW 8270
2-Methylnaphthalene	ND	10	ug/L	09/21/09		HM	SW 8270
2-Methylphenol (o-cresol)	ND	10	ug/L	09/21/09		HM	SW 8270
2-Nitroaniline	ND	50	ug/L	09/21/09		HM	SW 8270
2-Nitrophenol	ND	10	ug/L	09/21/09		HM	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	10	ug/L	09/21/09		HM	SW 8270
3,3'-Dichlorobenzidine	ND	20	ug/L	09/21/09		HM	SW 8270
3-Nitroaniline	ND	50	ug/L	09/21/09		HM	SW 8270
4,6-Dinitro-2-methylphenol	ND	50	ug/L	09/21/09		HM	SW 8270
4-Bromophenyl phenyl ether	ND	10	ug/L	09/21/09		HM	SW 8270
4-Chloro-3-methylphenol	ND	20	ug/L	09/21/09		HM	SW 8270
4-Chloroaniline	ND	20	ug/L	09/21/09		HM	SW 8270
4-Chlorophenyl phenyl ether	ND	10	ug/L	09/21/09		HM	SW 8270
4-Nitroaniline	ND	50	ug/L	09/21/09		HM	SW 8270
4-Nitrophenol	ND	50	ug/L	09/21/09		HM	SW 8270
Acenaphthene	ND	10	ug/L	09/21/09		HM	SW 8270
Acetophenone	ND	10	ug/L	09/21/09		HM	SW 8270
Aniline	ND	50	ug/L	09/21/09		HM	SW 8270
Anthracene	ND	10	ug/L	09/21/09		HM	SW 8270
Azobenzene	ND	10	ug/L	09/21/09		HM	SW 8270
Benzidine	ND	20	ug/L	09/21/09		HM	SW 8270
Benzoic acid	ND	50	ug/L	09/21/09		HM	SW 8270
Benzyl butyl phthalate	ND	10	ug/L	09/21/09		HM	SW 8270
Bis(2-chloroethoxy)methane	ND	10	ug/L	09/21/09		HM	SW 8270
Bis(2-chloroethyl)ether	ND	10	ug/L	09/21/09		HM	SW 8270
Bis(2-chloroisopropyl)ether	ND	10	ug/L	09/21/09		HM	SW 8270
Carbazole	ND	50	ug/L	09/21/09		HM	SW 8270
Dibenzofuran	ND	10	ug/L	09/21/09		HM	SW 8270
Diethyl phthalate	ND	10	ug/L	09/21/09		HM	SW 8270
Dimethylphthalate	ND	10	ug/L	09/21/09		HM	SW 8270
Di-n-butylphthalate	ND	10	ug/L	09/21/09		HM	SW 8270
Di-n-octylphthalate	ND	10	ug/L	09/21/09		HM	SW 8270
Fluoranthene	ND	10	ug/L	09/21/09		HM	SW 8270
Fluorene	ND	10	ug/L	09/21/09		HM	SW 8270
Hexachlorobutadiene	ND	10	ug/L	09/21/09		HM	SW 8270
Hexachlorocyclopentadiene	ND	10	ug/L	09/21/09		HM	SW 8270
Isophorone	ND	10	ug/L	09/21/09		HM	SW 8270

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Client ID: FB091509

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Parameter	Result	RL	Units	Date	Time	By	Reference
Naphthalene	ND	10	ug/L	09/21/09		HM	SW 8270
Nitrobenzene	ND	10	ug/L	09/21/09		HM	SW 8270
N-Nitrosodimethylamine	ND	10	ug/L	09/21/09		HM	SW 8270
N-Nitrosodi-n-propylamine	ND	10	ug/L	09/21/09		HM	SW 8270
N-Nitrosodiphenylamine	ND	10	ug/L	09/21/09		HM	SW 8270
Phenol	ND	10	ug/L	09/21/09		HM	SW 8270
Pyrene	ND	10	ug/L	09/21/09		HM	SW 8270
Pyridine	ND	10	ug/L	09/21/09		HM	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	115		%	09/21/09		HM	SW 8270
% 2-Fluorobiphenyl	60		%	09/21/09		HM	SW 8270
% 2-Fluorophenol	73		%	09/21/09		HM	SW 8270
% Nitrobenzene-d5	77		%	09/21/09		HM	SW 8270
% Phenol-d5	65		%	09/21/09		HM	SW 8270
% Terphenyl-d14	74		%	09/21/09		HM	SW 8270
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	1.6	ug/L	09/21/09		HM	SW8270 (SIM)
Acenaphthylene	ND	0.24	ug/L	09/21/09		HM	SW8270 (SIM)
Benz(a)anthracene	ND	0.040	ug/L	09/21/09		HM	SW8270 (SIM)
Benzo(a)pyrene	ND	0.16	ug/L	09/21/09		HM	SW8270 (SIM)
Benzo(b)fluoranthene	ND	0.064	ug/L	09/21/09		HM	SW8270 (SIM)
Benzo(ghi)perylene	ND	3.0	ug/L	09/21/09		HM	SW8270 (SIM)
Benzo(k)fluoranthene	ND	0.24	ug/L	09/21/09		HM	SW8270 (SIM)
Bis(2-ethylhexyl)phthalate	ND	1.6	ug/L	09/21/09		HM	SW8270 (SIM)
Chrysene	ND	1.6	ug/L	09/21/09		HM	SW8270 (SIM)
Dibenz(a,h)anthracene	ND	0.20	ug/L	09/21/09		HM	SW8270 (SIM)
Hexachlorobenzene	ND	0.060	ug/L	09/21/09		HM	SW8270 (SIM)
Hexachloroethane	ND	2.4	ug/L	09/21/09		HM	SW8270 (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	09/21/09		HM	SW8270 (SIM)
Pentachloronitrobenzene	ND	0.10	ug/L	09/21/09		HM	SW8270 (SIM)
Pentachlorophenol	ND	0.80	ug/L	09/21/09		HM	SW8270 (SIM)
Phenanthrene	ND	0.060	ug/L	09/21/09		HM	SW8270 (SIM)
QA/QC Surrogates							
% 2,4,6-Tribromophenol	115		%	09/21/09		HM	SW8270 (SIM)
% 2-Fluorobiphenyl	60		%	09/21/09		HM	SW8270 (SIM)
% 2-Fluorophenol	73		%	09/21/09		HM	SW8270 (SIM)
% Nitrobenzene-d5	77		%	09/21/09		HM	SW8270 (SIM)
% Phenol-d5	65		%	09/21/09		HM	SW8270 (SIM)
% Terphenyl-d14	74		%	09/21/09		HM	SW8270 (SIM)
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	0.070	mg/L	09/18/09		JRB	CT ETPH
Identification	ND		mg/L	09/18/09		JRB	CT ETPH
QA/QC Surrogates							
% n-Pentacosane	93		%	09/18/09		JRB	CT ETPH
Polychlorinated Biphenyls							
PCB-1016	ND	0.50	ug/L	09/21/09		MH	608/ 8082
PCB-1221	ND	0.50	ug/L	09/21/09		MH	608/ 8082
PCB-1232	ND	0.50	ug/L	09/21/09		MH	608/ 8082

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Parameter	Result	RL	Units	Date	Time	By	Reference
PCB-1242	ND	0.50	ug/L	09/21/09		MH	608/ 8082
PCB-1248	ND	0.50	ug/L	09/21/09		MH	608/ 8082
PCB-1254	ND	0.50	ug/L	09/21/09		MH	608/ 8082
PCB-1260	ND	0.50	ug/L	09/21/09		MH	608/ 8082
PCB-1262	ND	0.50	ug/L	09/21/09		MH	608/ 8082
PCB-1268	ND	0.50	ug/L	09/21/09		MH	608/ 8082
QA/QC Surrogates							
% DCBP	76		%	09/21/09		MH	608/ 8082
% TCMX	82		%	09/21/09		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

Phyllis Shiller, Laboratory Director

October 01, 2009

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 01, 2009

FOR: Attn: Ms. Marya Mahoney
TRC Environmental Corp.
21 Griffen Rd North
Windsor, CT 06095

Sample Information

Matrix: SOIL
Location Code: TRC
Rush Request:
P.O.#: 15422

Custody Information

		Date	Time
Collected by:		09/15/09	9:35
Received by:	LB	09/16/09	13:30
Analyzed by:	see "By" below		

Laboratory Data

SDG ID: GAS24790
Phoenix ID: AS24791

Project ID:

Client ID: SB-1 (1-3)

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.37	0.37	mg/Kg	09/17/09		EK	SW6010
Arsenic	6.0	0.7	mg/Kg	09/17/09		EK	SW6010
Barium	1720	0.37	mg/Kg	09/17/09		EK	SW6010
Cadmium	< 0.37	0.37	mg/Kg	09/17/09		EK	SW6010
Chromium	5.87	0.37	mg/Kg	09/17/09		EK	SW6010
Mercury	0.23	0.08	mg/Kg	09/17/09		LK	SW-7471
Lead	71.1	0.37	mg/Kg	09/17/09		EK	SW6010
Selenium	< 1.8	1.8	mg/Kg	09/17/09		EK	SW6010
Percent Solid	92		%	09/16/09		s-JL	E160.3
Soil Extraction for PCB	Completed			09/16/09		BB/D	SW3545
Soil Extraction for Pesticide	Completed			09/16/09		BB	SW3545
Soil Extraction for SVOA	Completed			09/16/09		QS/D	SW3545
Extraction of CT ETPH	Completed			09/16/09		QS/D	3545
Mercury Digestion	Completed			09/17/09		K	SW7471
Soil Extraction for Herbicide	Completed			09/16/09		M/D	SW8151
SPLP PCB Extraction	Completed			09/17/09		O/O	SW3510/3520
SPLP Extraction for Organics	Completed			09/16/09		K	EPA1312
Total Metals Digest	Completed			09/16/09		AG/C	SW846 - 3050
Field Extraction	Completed			09/15/09		TRC	SW5035
SPLP Polychlorinated Biphenyls							
PCB-1016	ND	0.5	ug/L	09/18/09		MH	SW8082
PCB-1221	ND	0.5	ug/L	09/18/09		MH	SW8082
PCB-1232	ND	0.5	ug/L	09/18/09		MH	SW8082
PCB-1242	ND	0.5	ug/L	09/18/09		MH	SW8082
PCB-1248	ND	0.5	ug/L	09/18/09		MH	SW8082
PCB-1254	ND	0.5	ug/L	09/18/09		MH	SW8082
PCB-1260	ND	0.5	ug/L	09/18/09		MH	SW8082
PCB-1262	ND	0.5	ug/L	09/18/09		MH	SW8082

Project ID:

Phoenix I.D.: AS24791

Client ID: SB-1 (1-3)

Parameter	Result	RL	Units	Date	Time	By	Reference
PCB-1268	ND	0.5	ug/L	09/18/09		MH	SW8082
QA/QC Surrogates							
%DCBP (Surrogate Rec)	<30***		%	09/18/09		MH	SW8082
%TCMX (Surrogate Rec)	69		%	09/18/09		MH	SW8082
Chlorinated Herbicides							
2,4,5-T	ND	110	ug/Kg	09/17/09		JRB	SW8151
2,4,5-TP (Silvex)	ND	110	ug/Kg	09/17/09		JRB	SW8151
2,4-D	ND	110	ug/Kg	09/17/09		JRB	SW8151
2,4-DB	ND	1100	ug/Kg	09/17/09		JRB	SW8151
Dalapon	ND	540	ug/Kg	09/17/09		JRB	SW8151
Dicamba	ND	320	ug/Kg	09/17/09		JRB	SW8151
Dichloroprop	ND	110	ug/Kg	09/17/09		JRB	SW8151
Dinoseb	ND	210	ug/Kg	09/17/09		JRB	SW8151
QA/QC Surrogates							
% DCAA	47		%	09/17/09		JRB	SW8151
Volatiles							
1,1,1,2-Tetrachloroethane	ND	27	ug/Kg	09/17/09		R/J	SW8260
1,1,1-Trichloroethane	ND	27	ug/Kg	09/17/09		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	27	ug/Kg	09/17/09		R/J	SW8260
1,1,2-Trichloroethane	ND	27	ug/Kg	09/17/09		R/J	SW8260
1,1-Dichloroethane	ND	27	ug/Kg	09/17/09		R/J	SW8260
1,1-Dichloroethene	ND	27	ug/Kg	09/17/09		R/J	SW8260
1,1-Dichloropropene	ND	27	ug/Kg	09/17/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	27	ug/Kg	09/17/09		R/J	SW8260
1,2,3-Trichloropropane	ND	27	ug/Kg	09/17/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	27	ug/Kg	09/17/09		R/J	SW8260
1,2,4-Trimethylbenzene	ND	27	ug/Kg	09/17/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	27	ug/Kg	09/17/09		R/J	SW8260
1,2-Dichlorobenzene	ND	27	ug/Kg	09/17/09		R/J	SW8260
1,2-Dichloroethane	ND	27	ug/Kg	09/17/09		R/J	SW8260
1,2-Dichloropropane	ND	27	ug/Kg	09/17/09		R/J	SW8260
1,3,5-Trimethylbenzene	ND	27	ug/Kg	09/17/09		R/J	SW8260
1,3-Dichlorobenzene	ND	27	ug/Kg	09/17/09		R/J	SW8260
1,3-Dichloropropane	ND	27	ug/Kg	09/17/09		R/J	SW8260
1,4-Dichlorobenzene	ND	27	ug/Kg	09/17/09		R/J	SW8260
2,2-Dichloropropane	ND	27	ug/Kg	09/17/09		R/J	SW8260
2-Chlorotoluene	ND	27	ug/Kg	09/17/09		R/J	SW8260
2-Hexanone	ND	140	ug/Kg	09/17/09		R/J	SW8260
2-Isopropyltoluene	ND	27	ug/Kg	09/17/09		R/J	SW8260
4-Chlorotoluene	ND	27	ug/Kg	09/17/09		R/J	SW8260
4-Methyl-2-pentanone	ND	140	ug/Kg	09/17/09		R/J	SW8260
Acetone	ND	540	ug/Kg	09/17/09		R/J	SW8260
Acrylonitrile	ND	27	ug/Kg	09/17/09		R/J	SW8260
Benzene	ND	27	ug/Kg	09/17/09		R/J	SW8260
Bromobenzene	ND	27	ug/Kg	09/17/09		R/J	SW8260
Bromochloromethane	ND	27	ug/Kg	09/17/09		R/J	SW8260
Bromodichloromethane	ND	27	ug/Kg	09/17/09		R/J	SW8260
Bromoform	ND	27	ug/Kg	09/17/09		R/J	SW8260
Bromomethane	ND	27	ug/Kg	09/17/09		R/J	SW8260

Project ID:

Client ID: SB-1 (1-3)

Phoenix I.D.: AS24791

Parameter	Result	RL	Units	Date	Time	By	Reference
Carbon Disulfide	ND	27	ug/Kg	09/17/09		R/J	SW8260
Carbon tetrachloride	ND	27	ug/Kg	09/17/09		R/J	SW8260
Chlorobenzene	ND	27	ug/Kg	09/17/09		R/J	SW8260
Chloroethane	ND	27	ug/Kg	09/17/09		R/J	SW8260
Chloroform	ND	27	ug/Kg	09/17/09		R/J	SW8260
Chloromethane	ND	27	ug/Kg	09/17/09		R/J	SW8260
cis-1,2-Dichloroethene	ND	27	ug/Kg	09/17/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	27	ug/Kg	09/17/09		R/J	SW8260
Dibromochloromethane	ND	27	ug/Kg	09/17/09		R/J	SW8260
Dibromoethane	ND	27	ug/Kg	09/17/09		R/J	SW8260
Dibromomethane	ND	27	ug/Kg	09/17/09		R/J	SW8260
Dichlorodifluoromethane	ND	27	ug/Kg	09/17/09		R/J	SW8260
Ethylbenzene	ND	27	ug/Kg	09/17/09		R/J	SW8260
Hexachlorobutadiene	ND	27	ug/Kg	09/17/09		R/J	SW8260
Isopropylbenzene	ND	27	ug/Kg	09/17/09		R/J	SW8260
m&p-Xylene	ND	27	ug/Kg	09/17/09		R/J	SW8260
Methyl Ethyl Ketone	ND	160	ug/Kg	09/17/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	54	ug/Kg	09/17/09		R/J	SW8260
Methylene chloride	ND	27	ug/Kg	09/17/09		R/J	SW8260
Naphthalene	580	27	ug/Kg	09/17/09		R/J	SW8260
n-Butylbenzene	ND	27	ug/Kg	09/17/09		R/J	SW8260
n-Propylbenzene	ND	27	ug/Kg	09/17/09		R/J	SW8260
o-Xylene	ND	27	ug/Kg	09/17/09		R/J	SW8260
p-Isopropyltoluene	ND	27	ug/Kg	09/17/09		R/J	SW8260
sec-Butylbenzene	ND	27	ug/Kg	09/17/09		R/J	SW8260
Styrene	ND	27	ug/Kg	09/17/09		R/J	SW8260
tert-Butylbenzene	ND	27	ug/Kg	09/17/09		R/J	SW8260
Tetrachloroethene	ND	27	ug/Kg	09/17/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	54	ug/Kg	09/17/09		R/J	SW8260
Toluene	ND	27	ug/Kg	09/17/09		R/J	SW8260
Total Xylenes	ND	27	ug/Kg	09/17/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	27	ug/Kg	09/17/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	27	ug/Kg	09/17/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	54	ug/Kg	09/17/09		R/J	SW8260
Trichloroethene	ND	27	ug/Kg	09/17/09		R/J	SW8260
Trichlorofluoromethane	ND	27	ug/Kg	09/17/09		R/J	SW8260
Trichlorotrifluoroethane	ND	27	ug/Kg	09/17/09		R/J	SW8260
Vinyl chloride	ND	27	ug/Kg	09/17/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	103		%	09/17/09		R/J	SW8260
% Bromofluorobenzene	89		%	09/17/09		R/J	SW8260
% Dibromofluoromethane	94		%	09/17/09		R/J	SW8260
% Toluene-d8	95		%	09/17/09		R/J	SW8260
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	360	ug/Kg	09/17/09		HM	SW 8270
1,2,4-Trichlorobenzene	ND	360	ug/Kg	09/17/09		HM	SW 8270
1,2-Dichlorobenzene	ND	360	ug/Kg	09/17/09		HM	SW 8270
1,3-Dichlorobenzene	ND	360	ug/Kg	09/17/09		HM	SW 8270
1,4-Dichlorobenzene	ND	360	ug/Kg	09/17/09		HM	SW 8270
2,4,5-Trichlorophenol	ND	360	ug/Kg	09/17/09		HM	SW 8270

Project ID:

Phoenix I.D.: AS24791

Client ID: SB-1 (1-3)

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

Project ID:
Client ID: SB-1 (1-3)

Phoenix I.D.: AS24791

Parameter	Result	RL	Units	Date	Time	By	Reference
Hexachlorobutadiene	ND	360	ug/Kg	09/17/09		HM	SW 8270
Hexachlorocyclopentadiene	ND	360	ug/Kg	09/17/09		HM	SW 8270
Hexachloroethane	ND	360	ug/Kg	09/17/09		HM	SW 8270
Indeno(1,2,3-cd)pyrene	ND	360	ug/Kg	09/17/09		HM	SW 8270
Isophorone	ND	360	ug/Kg	09/17/09		HM	SW 8270
Naphthalene	ND	360	ug/Kg	09/17/09		HM	SW 8270
Nitrobenzene	ND	360	ug/Kg	09/17/09		HM	SW 8270
N-Nitrosodimethylamine	ND	360	ug/Kg	09/17/09		HM	SW 8270
N-Nitrosodi-n-propylamine	ND	360	ug/Kg	09/17/09		HM	SW 8270
N-Nitrosodiphenylamine	ND	360	ug/Kg	09/17/09		HM	SW 8270
Pentachloronitrobenzene	ND	360	ug/Kg	09/17/09		HM	SW 8270
Pentachlorophenol	ND	360	ug/Kg	09/17/09		HM	SW 8270
Phenanthrene	ND	360	ug/Kg	09/17/09		HM	SW 8270
Phenol	ND	360	ug/Kg	09/17/09		HM	SW 8270
Pyrene	ND	360	ug/Kg	09/17/09		HM	SW 8270
Pyridine	ND	360	ug/Kg	09/17/09		HM	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	108		%	09/17/09		HM	SW 8270
% 2-Fluorobiphenyl	77		%	09/17/09		HM	SW 8270
% 2-Fluorophenol	80		%	09/17/09		HM	SW 8270
% Nitrobenzene-d5	79		%	09/17/09		HM	SW 8270
% Phenol-d5	76		%	09/17/09		HM	SW 8270
% Terphenyl-d14	77		%	09/17/09		HM	SW 8270
TPH by GC (Extractable Products)							
Ext. Petroleum HC	960	11	mg/Kg	09/21/09		KCA	CT ETPH
Identification	**		mg/Kg	09/21/09		KCA	CT ETPH
QA/QC Surrogates							
% n-Pentacosane	Interference		%	09/21/09		KCA	CT ETPH
Polychlorinated Biphenyls							
PCB-1016	ND	360	ug/Kg	09/17/09		MH	SW 8082
PCB-1221	ND	360	ug/Kg	09/17/09		MH	SW 8082
PCB-1232	ND	360	ug/Kg	09/17/09		MH	SW 8082
PCB-1242	ND	360	ug/Kg	09/17/09		MH	SW 8082
PCB-1248	ND	360	ug/Kg	09/17/09		MH	SW 8082
PCB-1254	ND	360	ug/Kg	09/17/09		MH	SW 8082
PCB-1260	ND	360	ug/Kg	09/17/09		MH	SW 8082
PCB-1262	ND	360	ug/Kg	09/17/09		MH	SW 8082
PCB-1268	ND	360	ug/Kg	09/17/09		MH	SW 8082
QA/QC Surrogates							
% DCBP	78		%	09/17/09		MH	SW 8082
% TCMX	72		%	09/17/09		MH	SW 8082
Pesticides							
4,4' -DDD	ND	34	ug/Kg	09/17/09		MH	SW8081
4,4' -DDE	ND	34	ug/Kg	09/17/09		MH	SW8081
4,4' -DDT	ND	34	ug/Kg	09/17/09		MH	SW8081
a-BHC	ND	17	ug/Kg	09/17/09		MH	SW8081
Alachlor	ND	17	ug/Kg	09/17/09		MH	SW8081
Aldrin	ND	5.3	ug/Kg	09/17/09		MH	SW8081

Project ID:
Client ID: SB-1 (1-3)

Phoenix I.D.: AS24791

Parameter	Result	RL	Units	Date	Time	By	Reference
b-BHC	ND	17	ug/Kg	09/17/09		MH	SW8081
Chlordane	ND	53	ug/Kg	09/17/09		MH	SW8081
d-BHC	ND	17	ug/Kg	09/17/09		MH	SW8081
Dieldrin	ND	5.3	ug/Kg	09/17/09		MH	SW8081
Endosulfan I	ND	17	ug/Kg	09/17/09		MH	SW8081
Endosulfan II	ND	34	ug/Kg	09/17/09		MH	SW8081
Endosulfan sulfate	ND	34	ug/Kg	09/17/09		MH	SW8081
Endrin	ND	34	ug/Kg	09/17/09		MH	SW8081
Endrin aldehyde	ND	34	ug/Kg	09/17/09		MH	SW8081
Endrin ketone	ND	34	ug/Kg	09/17/09		MH	SW8081
g-BHC	ND	17	ug/Kg	09/17/09		MH	SW8081
Heptachlor	ND	11	ug/Kg	09/17/09		MH	SW8081
Heptachlor epoxide	ND	17	ug/Kg	09/17/09		MH	SW8081
Methoxychlor	ND	170	ug/Kg	09/17/09		MH	SW8081
Toxaphene	ND	170	ug/Kg	09/17/09		MH	SW8081
QA/QC Surrogates							
% DCBP	81		%	09/17/09		MH	SW8081
% TCMX	68		%	09/17/09		MH	SW8081

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters.

Comments:

The client provided two 8 oz soil jars. The following observations are made: the appearance of both containers is the same; but the petroleum odor of one container is much greater than the other.
Elevated reporting limits for volatiles due to the presence of target compounds.

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

*** Poor surrogate recovery was observed.

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

Phyllis Shiller

Phyllis Shiller, Laboratory Director
October 01, 2009

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 01, 2009

FOR: Attn: Ms. Marya Mahoney
TRC Environmental Corp.
21 Griffen Rd North
Windsor, CT 06095

Sample Information

Matrix: SOIL
Location Code: TRC
Rush Request:
P.O.#: 15422

Custody Information

Collected by:
Received by: LB
Analyzed by: see "By" below

Date	Time
09/15/09	9:50
09/16/09	13:30

Laboratory Data

SDG ID: GAS24790
Phoenix ID: AS24792

Project ID:

Client ID: SB-2 (1-3)

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.37	0.37	mg/Kg	09/17/09		EK	SW6010
Arsenic	< 0.7	0.7	mg/Kg	09/17/09		EK	SW6010
Barium	29.1	0.37	mg/Kg	09/17/09		EK	SW6010
Cadmium	< 0.37	0.37	mg/Kg	09/17/09		EK	SW6010
Chromium	6.17	0.37	mg/Kg	09/17/09		EK	SW6010
Mercury	< 0.07	0.07	mg/Kg	09/17/09		LK	SW-7471
Lead	8.28	0.37	mg/Kg	09/17/09		EK	SW6010
Selenium	< 1.9	1.9	mg/Kg	09/17/09		EK	SW6010
Percent Solid	88		%	09/16/09		s-JL	E160.3
Soil Extraction for PCB	Completed			09/16/09		BB/D	SW3545
Soil Extraction for Pesticide	Completed			09/16/09		BB	SW3545
Soil Extraction for SVOA	Completed			09/16/09		QS/D	SW3545
Extraction of CT ETPH	Completed			09/16/09		QS/D	3545
Mercury Digestion	Completed			09/17/09		K	SW7471
Soil Extraction for Herbicide	Completed			09/16/09		M/D	SW8151
SPLP PCB Extraction	Completed			09/17/09		O/O	SW3510/3520
SPLP Extraction for Organics	Completed			09/16/09		K	EPA1312
Total Metals Digest	Completed			09/16/09		AG/C	SW846 - 3050
Field Extraction	Completed			09/15/09		TRC	SW5035
SPLP Polychlorinated Biphenyls							
PCB-1016	ND	0.5	ug/L	09/18/09		MH	SW8082
PCB-1221	ND	0.5	ug/L	09/18/09		MH	SW8082
PCB-1232	ND	0.5	ug/L	09/18/09		MH	SW8082
PCB-1242	ND	0.5	ug/L	09/18/09		MH	SW8082
PCB-1248	ND	0.5	ug/L	09/18/09		MH	SW8082
PCB-1254	ND	0.5	ug/L	09/18/09		MH	SW8082
PCB-1260	ND	0.5	ug/L	09/18/09		MH	SW8082
PCB-1262	ND	0.5	ug/L	09/18/09		MH	SW8082

Project ID:
Client ID: SB-2 (1-3)

Phoenix I.D.: AS24792

Parameter	Result	RL	Units	Date	Time	By	Reference
PCB-1268	ND	0.5	ug/L	09/18/09		MH	SW8082
QA/QC Surrogates							
%DCBP (Surrogate Rec)	41		%	09/18/09		MH	SW8082
%TCMX (Surrogate Rec)	88		%	09/18/09		MH	SW8082
Chlorinated Herbicides							
2,4,5-T	ND	220	ug/Kg	09/23/09		KCA	SW8151
2,4,5-TP (Silvex)	ND	220	ug/Kg	09/23/09		KCA	SW8151
2,4-D	ND	220	ug/Kg	09/23/09		KCA	SW8151
2,4-DB	ND	2200	ug/Kg	09/23/09		KCA	SW8151
Dalapon	ND	1100	ug/Kg	09/23/09		KCA	SW8151
Dicamba	ND	650	ug/Kg	09/23/09		KCA	SW8151
Dichloroprop	ND	220	ug/Kg	09/23/09		KCA	SW8151
Dinoseb	ND	430	ug/Kg	09/23/09		KCA	SW8151
QA/QC Surrogates							
% DCAA	40		%	09/23/09		KCA	SW8151
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.7	ug/Kg	09/17/09		R/J	SW8260
1,1,1-Trichloroethane	ND	5.7	ug/Kg	09/17/09		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	5.7	ug/Kg	09/17/09		R/J	SW8260
1,1,2-Trichloroethane	ND	5.7	ug/Kg	09/17/09		R/J	SW8260
1,1-Dichloroethane	ND	5.7	ug/Kg	09/17/09		R/J	SW8260
1,1-Dichloroethene	ND	5.7	ug/Kg	09/17/09		R/J	SW8260
1,1-Dichloropropene	ND	5.7	ug/Kg	09/17/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	5.7	ug/Kg	09/17/09		R/J	SW8260
1,2,3-Trichloropropane	ND	5.7	ug/Kg	09/17/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	5.7	ug/Kg	09/17/09		R/J	SW8260
1,2,4-Trimethylbenzene	ND	5.7	ug/Kg	09/17/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	5.7	ug/Kg	09/17/09		R/J	SW8260
1,2-Dichlorobenzene	ND	5.7	ug/Kg	09/17/09		R/J	SW8260
1,2-Dichloroethane	ND	5.7	ug/Kg	09/17/09		R/J	SW8260
1,2-Dichloropropane	ND	5.7	ug/Kg	09/17/09		R/J	SW8260
1,3,5-Trimethylbenzene	ND	5.7	ug/Kg	09/17/09		R/J	SW8260
1,3-Dichlorobenzene	ND	5.7	ug/Kg	09/17/09		R/J	SW8260
1,3-Dichloropropane	ND	5.7	ug/Kg	09/17/09		R/J	SW8260
1,4-Dichlorobenzene	ND	5.7	ug/Kg	09/17/09		R/J	SW8260
2,2-Dichloropropane	ND	5.7	ug/Kg	09/17/09		R/J	SW8260
2-Chlorotoluene	ND	5.7	ug/Kg	09/17/09		R/J	SW8260
2-Hexanone	ND	28	ug/Kg	09/17/09		R/J	SW8260
2-Isopropyltoluene	ND	5.7	ug/Kg	09/17/09		R/J	SW8260
4-Chlorotoluene	ND	5.7	ug/Kg	09/17/09		R/J	SW8260
4-Methyl-2-pentanone	ND	28	ug/Kg	09/17/09		R/J	SW8260
Acetone	ND	110	ug/Kg	09/17/09		R/J	SW8260
Acrylonitrile	ND	5.7	ug/Kg	09/17/09		R/J	SW8260
Benzene	ND	5.7	ug/Kg	09/17/09		R/J	SW8260
Bromobenzene	ND	5.7	ug/Kg	09/17/09		R/J	SW8260
Bromochloromethane	ND	5.7	ug/Kg	09/17/09		R/J	SW8260
Bromodichloromethane	ND	5.7	ug/Kg	09/17/09		R/J	SW8260
Bromoform	ND	5.7	ug/Kg	09/17/09		R/J	SW8260
Bromomethane	ND	5.7	ug/Kg	09/17/09		R/J	SW8260

Project ID:
Client ID: SB-2 (1-3)

Phoenix I.D.: AS24792

Parameter	Result	RL	Units	Date	Time	By	Reference
Carbon Disulfide	ND	5.7	ug/Kg	09/17/09		R/J	SW8260
Carbon tetrachloride	ND	5.7	ug/Kg	09/17/09		R/J	SW8260
Chlorobenzene	ND	5.7	ug/Kg	09/17/09		R/J	SW8260
Chloroethane	ND	5.7	ug/Kg	09/17/09		R/J	SW8260
Chloroform	ND	5.7	ug/Kg	09/17/09		R/J	SW8260
Chloromethane	ND	5.7	ug/Kg	09/17/09		R/J	SW8260
cis-1,2-Dichloroethene	ND	5.7	ug/Kg	09/17/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	5.7	ug/Kg	09/17/09		R/J	SW8260
Dibromochloromethane	ND	5.7	ug/Kg	09/17/09		R/J	SW8260
Dibromoethane	ND	5.7	ug/Kg	09/17/09		R/J	SW8260
Dibromomethane	ND	5.7	ug/Kg	09/17/09		R/J	SW8260
Dichlorodifluoromethane	ND	5.7	ug/Kg	09/17/09		R/J	SW8260
Ethylbenzene	ND	5.7	ug/Kg	09/17/09		R/J	SW8260
Hexachlorobutadiene	ND	5.7	ug/Kg	09/17/09		R/J	SW8260
Isopropylbenzene	ND	5.7	ug/Kg	09/17/09		R/J	SW8260
m&p-Xylene	ND	5.7	ug/Kg	09/17/09		R/J	SW8260
Methyl Ethyl Ketone	ND	34	ug/Kg	09/17/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	09/17/09		R/J	SW8260
Methylene chloride	ND	5.7	ug/Kg	09/17/09		R/J	SW8260
Naphthalene	ND	5.7	ug/Kg	09/17/09		R/J	SW8260
n-Butylbenzene	ND	5.7	ug/Kg	09/17/09		R/J	SW8260
n-Propylbenzene	ND	5.7	ug/Kg	09/17/09		R/J	SW8260
o-Xylene	ND	5.7	ug/Kg	09/17/09		R/J	SW8260
p-Isopropyltoluene	ND	5.7	ug/Kg	09/17/09		R/J	SW8260
sec-Butylbenzene	ND	5.7	ug/Kg	09/17/09		R/J	SW8260
Styrene	ND	5.7	ug/Kg	09/17/09		R/J	SW8260
tert-Butylbenzene	ND	5.7	ug/Kg	09/17/09		R/J	SW8260
Tetrachloroethene	ND	5.7	ug/Kg	09/17/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	11	ug/Kg	09/17/09		R/J	SW8260
Toluene	ND	5.7	ug/Kg	09/17/09		R/J	SW8260
Total Xylenes	ND	5.7	ug/Kg	09/17/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	5.7	ug/Kg	09/17/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	5.7	ug/Kg	09/17/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	09/17/09		R/J	SW8260
Trichloroethene	ND	5.7	ug/Kg	09/17/09		R/J	SW8260
Trichlorofluoromethane	ND	5.7	ug/Kg	09/17/09		R/J	SW8260
Trichlorotrifluoroethane	ND	5.7	ug/Kg	09/17/09		R/J	SW8260
Vinyl chloride	ND	5.7	ug/Kg	09/17/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	101		%	09/17/09		R/J	SW8260
% Bromofluorobenzene	90		%	09/17/09		R/J	SW8260
% Dibromofluoromethane	89		%	09/17/09		R/J	SW8260
% Toluene-d8	92		%	09/17/09		R/J	SW8260
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	370	ug/Kg	09/17/09		HM	SW 8270
1,2,4-Trichlorobenzene	ND	370	ug/Kg	09/17/09		HM	SW 8270
1,2-Dichlorobenzene	ND	370	ug/Kg	09/17/09		HM	SW 8270
1,3-Dichlorobenzene	ND	370	ug/Kg	09/17/09		HM	SW 8270
1,4-Dichlorobenzene	ND	370	ug/Kg	09/17/09		HM	SW 8270
2,4,5-Trichlorophenol	ND	370	ug/Kg	09/17/09		HM	SW 8270

Project ID:

Phoenix I.D.: AS24792

Client ID: SB-2 (1-3)

Parameter	Result	RL	Units	Date	Time	By	Reference
2,4,6-Trichlorophenol	ND	370	ug/Kg	09/17/09		HM	SW 8270
2,4-Dichlorophenol	ND	370	ug/Kg	09/17/09		HM	SW 8270
2,4-Dimethylphenol	ND	370	ug/Kg	09/17/09		HM	SW 8270
2,4-Dinitrophenol	ND	590	ug/Kg	09/17/09		HM	SW 8270
2,4-Dinitrotoluene	ND	370	ug/Kg	09/17/09		HM	SW 8270
2,6-Dinitrotoluene	ND	370	ug/Kg	09/17/09		HM	SW 8270
2-Chloronaphthalene	ND	370	ug/Kg	09/17/09		HM	SW 8270
2-Chlorophenol	ND	370	ug/Kg	09/17/09		HM	SW 8270
2-Methylnaphthalene	ND	370	ug/Kg	09/17/09		HM	SW 8270
2-Methylphenol (o-cresol)	ND	370	ug/Kg	09/17/09		HM	SW 8270
2-Nitroaniline	ND	590	ug/Kg	09/17/09		HM	SW 8270
2-Nitrophenol	ND	370	ug/Kg	09/17/09		HM	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	370	ug/Kg	09/17/09		HM	SW 8270
3,3'-Dichlorobenzidine	ND	440	ug/Kg	09/17/09		HM	SW 8270
3-Nitroaniline	ND	590	ug/Kg	09/17/09		HM	SW 8270
4,6-Dinitro-2-methylphenol	ND	1100	ug/Kg	09/17/09		HM	SW 8270
4-Bromophenyl phenyl ether	ND	370	ug/Kg	09/17/09		HM	SW 8270
4-Chloro-3-methylphenol	ND	440	ug/Kg	09/17/09		HM	SW 8270
4-Chloroaniline	ND	440	ug/Kg	09/17/09		HM	SW 8270
4-Chlorophenyl phenyl ether	ND	370	ug/Kg	09/17/09		HM	SW 8270
4-Nitroaniline	ND	590	ug/Kg	09/17/09		HM	SW 8270
4-Nitrophenol	ND	1100	ug/Kg	09/17/09		HM	SW 8270
Acenaphthene	ND	370	ug/Kg	09/17/09		HM	SW 8270
Acenaphthylene	ND	370	ug/Kg	09/17/09		HM	SW 8270
Acetophenone	ND	370	ug/Kg	09/17/09		HM	SW 8270
Aniline	ND	1100	ug/Kg	09/17/09		HM	SW 8270
Anthracene	ND	370	ug/Kg	09/17/09		HM	SW 8270
Azobenzene	ND	370	ug/Kg	09/17/09		HM	SW 8270
Benz(a)anthracene	ND	370	ug/Kg	09/17/09		HM	SW 8270
Benzidine	ND	370	ug/Kg	09/17/09		HM	SW 8270
Benzo(a)pyrene	ND	370	ug/Kg	09/17/09		HM	SW 8270
Benzo(b)fluoranthene	ND	370	ug/Kg	09/17/09		HM	SW 8270
Benzo(ghi)perylene	ND	370	ug/Kg	09/17/09		HM	SW 8270
Benzo(k)fluoranthene	ND	370	ug/Kg	09/17/09		HM	SW 8270
Benzoic acid	ND	1100	ug/Kg	09/17/09		HM	SW 8270
Benzyl butyl phthalate	ND	370	ug/Kg	09/17/09		HM	SW 8270
Bis(2-chloroethoxy)methane	ND	370	ug/Kg	09/17/09		HM	SW 8270
Bis(2-chloroethyl)ether	ND	370	ug/Kg	09/17/09		HM	SW 8270
Bis(2-chloroisopropyl)ether	ND	370	ug/Kg	09/17/09		HM	SW 8270
Bis(2-ethylhexyl)phthalate	ND	370	ug/Kg	09/17/09		HM	SW 8270
Carbazole	ND	1100	ug/Kg	09/17/09		HM	SW 8270
Chrysene	ND	370	ug/Kg	09/17/09		HM	SW 8270
Dibenz(a,h)anthracene	ND	370	ug/Kg	09/17/09		HM	SW 8270
Dibenzofuran	ND	370	ug/Kg	09/17/09		HM	SW 8270
Diethyl phthalate	ND	370	ug/Kg	09/17/09		HM	SW 8270
Dimethylphthalate	ND	370	ug/Kg	09/17/09		HM	SW 8270
Di-n-butylphthalate	ND	370	ug/Kg	09/17/09		HM	SW 8270
Di-n-octylphthalate	ND	370	ug/Kg	09/17/09		HM	SW 8270
Fluoranthene	ND	370	ug/Kg	09/17/09		HM	SW 8270
Fluorene	ND	370	ug/Kg	09/17/09		HM	SW 8270
Hexachlorobenzene	ND	370	ug/Kg	09/17/09		HM	SW 8270

Project ID:

Phoenix I.D.: AS24792

Client ID: SB-2 (1-3)

Parameter	Result	RL	Units	Date	Time	By	Reference
Hexachlorobutadiene	ND	370	ug/Kg	09/17/09		HM	SW 8270
Hexachlorocyclopentadiene	ND	370	ug/Kg	09/17/09		HM	SW 8270
Hexachloroethane	ND	370	ug/Kg	09/17/09		HM	SW 8270
Indeno(1,2,3-cd)pyrene	ND	370	ug/Kg	09/17/09		HM	SW 8270
Isophorone	ND	370	ug/Kg	09/17/09		HM	SW 8270
Naphthalene	ND	370	ug/Kg	09/17/09		HM	SW 8270
Nitrobenzene	ND	370	ug/Kg	09/17/09		HM	SW 8270
N-Nitrosodimethylamine	ND	370	ug/Kg	09/17/09		HM	SW 8270
N-Nitrosodi-n-propylamine	ND	370	ug/Kg	09/17/09		HM	SW 8270
N-Nitrosodiphenylamine	ND	370	ug/Kg	09/17/09		HM	SW 8270
Pentachloronitrobenzene	ND	370	ug/Kg	09/17/09		HM	SW 8270
Pentachlorophenol	ND	370	ug/Kg	09/17/09		HM	SW 8270
Phenanthrene	ND	370	ug/Kg	09/17/09		HM	SW 8270
Phenol	ND	370	ug/Kg	09/17/09		HM	SW 8270
Pyrene	ND	370	ug/Kg	09/17/09		HM	SW 8270
Pyridine	ND	370	ug/Kg	09/17/09		HM	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	115		%	09/17/09		HM	SW 8270
% 2-Fluorobiphenyl	64		%	09/17/09		HM	SW 8270
% 2-Fluorophenol	81		%	09/17/09		HM	SW 8270
% Nitrobenzene-d5	79		%	09/17/09		HM	SW 8270
% Phenol-d5	81		%	09/17/09		HM	SW 8270
% Terphenyl-d14	72		%	09/17/09		HM	SW 8270
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	11	mg/Kg	09/21/09		KCA	CT ETPH
Identification	ND		mg/Kg	09/21/09		KCA	CT ETPH
QA/QC Surrogates							
% n-Pentacosane	64		%	09/21/09		KCA	CT ETPH
Polychlorinated Biphenyls							
PCB-1016	ND	380	ug/Kg	09/17/09		MH	SW 8082
PCB-1221	ND	380	ug/Kg	09/17/09		MH	SW 8082
PCB-1232	ND	380	ug/Kg	09/17/09		MH	SW 8082
PCB-1242	ND	380	ug/Kg	09/17/09		MH	SW 8082
PCB-1248	ND	380	ug/Kg	09/17/09		MH	SW 8082
PCB-1254	ND	380	ug/Kg	09/17/09		MH	SW 8082
PCB-1260	ND	380	ug/Kg	09/17/09		MH	SW 8082
PCB-1262	ND	380	ug/Kg	09/17/09		MH	SW 8082
PCB-1268	ND	380	ug/Kg	09/17/09		MH	SW 8082
QA/QC Surrogates							
% DCBP	78		%	09/17/09		MH	SW 8082
% TCMX	84		%	09/17/09		MH	SW 8082
Pesticides							
4,4' -DDD	ND	36	ug/Kg	09/17/09		MH	SW8081
4,4' -DDE	ND	36	ug/Kg	09/17/09		MH	SW8081
4,4' -DDT	ND	36	ug/Kg	09/17/09		MH	SW8081
a-BHC	ND	18	ug/Kg	09/17/09		MH	SW8081
Alachlor	ND	18	ug/Kg	09/17/09		MH	SW8081
Aldrin	ND	5.7	ug/Kg	09/17/09		MH	SW8081

Project ID:

Phoenix I.D.: AS24792

Client ID: SB-2 (1-3)

Parameter	Result	RL	Units	Date	Time	By	Reference
b-BHC	ND	18	ug/Kg	09/17/09		MH	SW8081
Chlordane	ND	57	ug/Kg	09/17/09		MH	SW8081
d-BHC	ND	18	ug/Kg	09/17/09		MH	SW8081
Dieldrin	ND	5.7	ug/Kg	09/17/09		MH	SW8081
Endosulfan I	ND	18	ug/Kg	09/17/09		MH	SW8081
Endosulfan II	ND	36	ug/Kg	09/17/09		MH	SW8081
Endosulfan sulfate	ND	36	ug/Kg	09/17/09		MH	SW8081
Endrin	ND	36	ug/Kg	09/17/09		MH	SW8081
Endrin aldehyde	ND	36	ug/Kg	09/17/09		MH	SW8081
Endrin ketone	ND	36	ug/Kg	09/17/09		MH	SW8081
g-BHC	ND	18	ug/Kg	09/17/09		MH	SW8081
Heptachlor	ND	11	ug/Kg	09/17/09		MH	SW8081
Heptachlor epoxide	ND	18	ug/Kg	09/17/09		MH	SW8081
Methoxychlor	ND	180	ug/Kg	09/17/09		MH	SW8081
Toxaphene	ND	180	ug/Kg	09/17/09		MH	SW8081
QA/QC Surrogates							
% DCBP	98		%	09/17/09		MH	SW8081
% TCMX	89		%	09/17/09		MH	SW8081

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters.

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

Phyllis Shiller, Laboratory Director

October 01, 2009

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 01, 2009

FOR: Attn: Ms. Marya Mahoney
TRC Environmental Corp.
21 Griffen Rd North
Windsor, CT 06095

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		09/15/09	10:05
Location Code:	TRC	Received by:	LB	09/16/09	13:30
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	15422				

Laboratory Data

SDG ID: GAS24790
Phoenix ID: AS24793

Project ID:

Client ID: SB-2 (4.5-5)

Parameter	Result	RL	Units	Date	Time	By	Reference	
Silver	< 0.34	0.34	mg/Kg	09/17/09		EK	SW6010	
Arsenic	< 0.7	0.7	mg/Kg	09/17/09		EK	SW6010	
Barium	41.4	0.34	mg/Kg	09/17/09		EK	SW6010	
Cadmium	< 0.34	0.34	mg/Kg	09/17/09		EK	SW6010	
Chromium	11.5	0.34	mg/Kg	09/17/09		EK	SW6010	
Mercury	< 0.08	0.08	mg/Kg	09/17/09		LK	SW-7471	
Lead	11.9	0.34	mg/Kg	09/17/09		EK	SW6010	
Selenium	< 1.7	1.7	mg/Kg	09/17/09		EK	SW6010	
Percent Solid	92		%	09/16/09		s-JL	E160.3	
Soil Extraction for PCB	Completed			09/16/09		BB/D	SW3545	
Soil Extraction for Pesticide	Completed			09/16/09		BB	SW3545	
Soil Extraction for SVOA	Completed			09/16/09		QS/D	SW3545	
Extraction of CT ETPH	Completed			09/16/09		QS/D	3545	
Mercury Digestion	Completed			09/17/09		K	SW7471	
Soil Extraction for Herbicide	Completed			09/16/09		M/D	SW8151	
SPLP PCB Extraction	Completed			09/17/09		O/O	SW3510/3520	
SPLP Extraction for Organics	Completed			09/16/09		K	EPA1312	
Total Metals Digest	Completed			09/16/09		AG/C	SW846 - 3050	
Field Extraction	Completed			09/15/09		TRC	SW5035	1
SPLP Polychlorinated Biphenyls								
PCB-1016	ND	0.5	ug/L	09/18/09		MH	SW8082	
PCB-1221	ND	0.5	ug/L	09/18/09		MH	SW8082	
PCB-1232	ND	0.5	ug/L	09/18/09		MH	SW8082	
PCB-1242	ND	0.5	ug/L	09/18/09		MH	SW8082	
PCB-1248	ND	0.5	ug/L	09/18/09		MH	SW8082	
PCB-1254	ND	0.5	ug/L	09/18/09		MH	SW8082	
PCB-1260	ND	0.5	ug/L	09/18/09		MH	SW8082	
PCB-1262	ND	0.5	ug/L	09/18/09		MH	SW8082	

Project ID:

Phoenix I.D.: AS24793

Client ID: SB-2 (4.5-5)

Parameter	Result	RL	Units	Date	Time	By	Reference
PCB-1268	ND	0.5	ug/L	09/18/09		MH	SW8082
QA/QC Surrogates							
%DCBP (Surrogate Rec)	<30***		%	09/18/09		MH	SW8082
%TCMX (Surrogate Rec)	78		%	09/18/09		MH	SW8082
Chlorinated Herbicides							
2,4,5-T	ND	110	ug/Kg	09/17/09		JRB	SW8151
2,4,5-TP (Silvex)	ND	110	ug/Kg	09/17/09		JRB	SW8151
2,4-D	ND	110	ug/Kg	09/17/09		JRB	SW8151
2,4-DB	ND	1100	ug/Kg	09/17/09		JRB	SW8151
Dalapon	ND	530	ug/Kg	09/17/09		JRB	SW8151
Dicamba	ND	320	ug/Kg	09/17/09		JRB	SW8151
Dichloroprop	ND	110	ug/Kg	09/17/09		JRB	SW8151
Dinoseb	ND	210	ug/Kg	09/17/09		JRB	SW8151
QA/QC Surrogates							
% DCAA	56		%	09/17/09		JRB	SW8151
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.4	ug/Kg	09/17/09		R/J	SW8260
1,1,1-Trichloroethane	ND	5.4	ug/Kg	09/17/09		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	5.4	ug/Kg	09/17/09		R/J	SW8260
1,1,2-Trichloroethane	ND	5.4	ug/Kg	09/17/09		R/J	SW8260
1,1-Dichloroethane	ND	5.4	ug/Kg	09/17/09		R/J	SW8260
1,1-Dichloroethene	ND	5.4	ug/Kg	09/17/09		R/J	SW8260
1,1-Dichloropropene	ND	5.4	ug/Kg	09/17/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	5.4	ug/Kg	09/17/09		R/J	SW8260
1,2,3-Trichloropropane	ND	5.4	ug/Kg	09/17/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	5.4	ug/Kg	09/17/09		R/J	SW8260
1,2,4-Trimethylbenzene	ND	5.4	ug/Kg	09/17/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	5.4	ug/Kg	09/17/09		R/J	SW8260
1,2-Dichlorobenzene	ND	5.4	ug/Kg	09/17/09		R/J	SW8260
1,2-Dichloroethane	ND	5.4	ug/Kg	09/17/09		R/J	SW8260
1,2-Dichloropropane	ND	5.4	ug/Kg	09/17/09		R/J	SW8260
1,3,5-Trimethylbenzene	ND	5.4	ug/Kg	09/17/09		R/J	SW8260
1,3-Dichlorobenzene	ND	5.4	ug/Kg	09/17/09		R/J	SW8260
1,3-Dichloropropane	ND	5.4	ug/Kg	09/17/09		R/J	SW8260
1,4-Dichlorobenzene	ND	5.4	ug/Kg	09/17/09		R/J	SW8260
2,2-Dichloropropane	ND	5.4	ug/Kg	09/17/09		R/J	SW8260
2-Chlorotoluene	ND	5.4	ug/Kg	09/17/09		R/J	SW8260
2-Hexanone	ND	27	ug/Kg	09/17/09		R/J	SW8260
2-Isopropyltoluene	ND	5.4	ug/Kg	09/17/09		R/J	SW8260
4-Chlorotoluene	ND	5.4	ug/Kg	09/17/09		R/J	SW8260
4-Methyl-2-pentanone	ND	27	ug/Kg	09/17/09		R/J	SW8260
Acetone	ND	110	ug/Kg	09/17/09		R/J	SW8260
Acrylonitrile	ND	5.4	ug/Kg	09/17/09		R/J	SW8260
Benzene	ND	5.4	ug/Kg	09/17/09		R/J	SW8260
Bromobenzene	ND	5.4	ug/Kg	09/17/09		R/J	SW8260
Bromochloromethane	ND	5.4	ug/Kg	09/17/09		R/J	SW8260
Bromodichloromethane	ND	5.4	ug/Kg	09/17/09		R/J	SW8260
Bromoform	ND	5.4	ug/Kg	09/17/09		R/J	SW8260
Bromomethane	ND	5.4	ug/Kg	09/17/09		R/J	SW8260

Project ID:

Client ID: SB-2 (4.5-5)

Phoenix I.D.: AS24793

Parameter	Result	RL	Units	Date	Time	By	Reference
Carbon Disulfide	ND	5.4	ug/Kg	09/17/09		R/J	SW8260
Carbon tetrachloride	ND	5.4	ug/Kg	09/17/09		R/J	SW8260
Chlorobenzene	ND	5.4	ug/Kg	09/17/09		R/J	SW8260
Chloroethane	ND	5.4	ug/Kg	09/17/09		R/J	SW8260
Chloroform	ND	5.4	ug/Kg	09/17/09		R/J	SW8260
Chloromethane	ND	5.4	ug/Kg	09/17/09		R/J	SW8260
cis-1,2-Dichloroethene	ND	5.4	ug/Kg	09/17/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	5.4	ug/Kg	09/17/09		R/J	SW8260
Dibromochloromethane	ND	5.4	ug/Kg	09/17/09		R/J	SW8260
Dibromoethane	ND	5.4	ug/Kg	09/17/09		R/J	SW8260
Dibromomethane	ND	5.4	ug/Kg	09/17/09		R/J	SW8260
Dichlorodifluoromethane	ND	5.4	ug/Kg	09/17/09		R/J	SW8260
Ethylbenzene	ND	5.4	ug/Kg	09/17/09		R/J	SW8260
Hexachlorobutadiene	ND	5.4	ug/Kg	09/17/09		R/J	SW8260
Isopropylbenzene	ND	5.4	ug/Kg	09/17/09		R/J	SW8260
m&p-Xylene	ND	5.4	ug/Kg	09/17/09		R/J	SW8260
Methyl Ethyl Ketone	ND	32	ug/Kg	09/17/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	09/17/09		R/J	SW8260
Methylene chloride	ND	5.4	ug/Kg	09/17/09		R/J	SW8260
Naphthalene	ND	5.4	ug/Kg	09/17/09		R/J	SW8260
n-Butylbenzene	ND	5.4	ug/Kg	09/17/09		R/J	SW8260
n-Propylbenzene	ND	5.4	ug/Kg	09/17/09		R/J	SW8260
o-Xylene	ND	5.4	ug/Kg	09/17/09		R/J	SW8260
p-Isopropyltoluene	ND	5.4	ug/Kg	09/17/09		R/J	SW8260
sec-Butylbenzene	ND	5.4	ug/Kg	09/17/09		R/J	SW8260
Styrene	ND	5.4	ug/Kg	09/17/09		R/J	SW8260
tert-Butylbenzene	ND	5.4	ug/Kg	09/17/09		R/J	SW8260
Tetrachloroethene	ND	5.4	ug/Kg	09/17/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	11	ug/Kg	09/17/09		R/J	SW8260
Toluene	ND	5.4	ug/Kg	09/17/09		R/J	SW8260
Total Xylenes	ND	5.4	ug/Kg	09/17/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	5.4	ug/Kg	09/17/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	5.4	ug/Kg	09/17/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	09/17/09		R/J	SW8260
Trichloroethene	ND	5.4	ug/Kg	09/17/09		R/J	SW8260
Trichlorofluoromethane	ND	5.4	ug/Kg	09/17/09		R/J	SW8260
Trichlorotrifluoroethane	ND	5.4	ug/Kg	09/17/09		R/J	SW8260
Vinyl chloride	ND	5.4	ug/Kg	09/17/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	99		%	09/17/09		R/J	SW8260
% Bromofluorobenzene	89		%	09/17/09		R/J	SW8260
% Dibromofluoromethane	94		%	09/17/09		R/J	SW8260
% Toluene-d8	94		%	09/17/09		R/J	SW8260
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	360	ug/Kg	09/17/09		HM	SW 8270
1,2,4-Trichlorobenzene	ND	360	ug/Kg	09/17/09		HM	SW 8270
1,2-Dichlorobenzene	ND	360	ug/Kg	09/17/09		HM	SW 8270
1,3-Dichlorobenzene	ND	360	ug/Kg	09/17/09		HM	SW 8270
1,4-Dichlorobenzene	ND	360	ug/Kg	09/17/09		HM	SW 8270
2,4,5-Trichlorophenol	ND	360	ug/Kg	09/17/09		HM	SW 8270

Project ID:

Client ID: SB-2 (4.5-5)

Phoenix I.D.: AS24793

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

Project ID:

Client ID: SB-2 (4.5-5)

Phoenix I.D.: AS24793

Parameter	Result	RL	Units	Date	Time	By	Reference
Hexachlorobutadiene	ND	360	ug/Kg	09/17/09		HM	SW 8270
Hexachlorocyclopentadiene	ND	360	ug/Kg	09/17/09		HM	SW 8270
Hexachloroethane	ND	360	ug/Kg	09/17/09		HM	SW 8270
Indeno(1,2,3-cd)pyrene	ND	360	ug/Kg	09/17/09		HM	SW 8270
Isophorone	ND	360	ug/Kg	09/17/09		HM	SW 8270
Naphthalene	ND	360	ug/Kg	09/17/09		HM	SW 8270
Nitrobenzene	ND	360	ug/Kg	09/17/09		HM	SW 8270
N-Nitrosodimethylamine	ND	360	ug/Kg	09/17/09		HM	SW 8270
N-Nitrosodi-n-propylamine	ND	360	ug/Kg	09/17/09		HM	SW 8270
N-Nitrosodiphenylamine	ND	360	ug/Kg	09/17/09		HM	SW 8270
Pentachloronitrobenzene	ND	360	ug/Kg	09/17/09		HM	SW 8270
Pentachlorophenol	ND	360	ug/Kg	09/17/09		HM	SW 8270
Phenanthrene	ND	360	ug/Kg	09/17/09		HM	SW 8270
Phenol	ND	360	ug/Kg	09/17/09		HM	SW 8270
Pyrene	ND	360	ug/Kg	09/17/09		HM	SW 8270
Pyridine	ND	360	ug/Kg	09/17/09		HM	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	115		%	09/17/09		HM	SW 8270
% 2-Fluorobiphenyl	78		%	09/17/09		HM	SW 8270
% 2-Fluorophenol	74		%	09/17/09		HM	SW 8270
% Nitrobenzene-d5	78		%	09/17/09		HM	SW 8270
% Phenol-d5	78		%	09/17/09		HM	SW 8270
% Terphenyl-d14	68		%	09/17/09		HM	SW 8270
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	10	mg/Kg	09/18/09		JRB	CT ETPH
Identification	ND		mg/Kg	09/18/09		JRB	CT ETPH
QA/QC Surrogates							
% n-Pentacosane	93		%	09/18/09		JRB	CT ETPH
Polychlorinated Biphenyls							
PCB-1016	ND	360	ug/Kg	09/17/09		MH	SW 8082
PCB-1221	ND	360	ug/Kg	09/17/09		MH	SW 8082
PCB-1232	ND	360	ug/Kg	09/17/09		MH	SW 8082
PCB-1242	ND	360	ug/Kg	09/17/09		MH	SW 8082
PCB-1248	ND	360	ug/Kg	09/17/09		MH	SW 8082
PCB-1254	ND	360	ug/Kg	09/17/09		MH	SW 8082
PCB-1260	ND	360	ug/Kg	09/17/09		MH	SW 8082
PCB-1262	ND	360	ug/Kg	09/17/09		MH	SW 8082
PCB-1268	ND	360	ug/Kg	09/17/09		MH	SW 8082
QA/QC Surrogates							
% DCBP	80		%	09/17/09		MH	SW 8082
% TCMX	83		%	09/17/09		MH	SW 8082
Pesticides							
4,4' -DDD	ND	34	ug/Kg	09/17/09		MH	SW8081
4,4' -DDE	ND	34	ug/Kg	09/17/09		MH	SW8081
4,4' -DDT	ND	34	ug/Kg	09/17/09		MH	SW8081
a-BHC	ND	17	ug/Kg	09/17/09		MH	SW8081
Alachlor	ND	17	ug/Kg	09/17/09		MH	SW8081
Aldrin	ND	5.4	ug/Kg	09/17/09		MH	SW8081

Project ID:

Phoenix I.D.: AS24793

Client ID: SB-2 (4.5-5)

Parameter	Result	RL	Units	Date	Time	By	Reference
b-BHC	ND	17	ug/Kg	09/17/09		MH	SW8081
Chlordane	ND	54	ug/Kg	09/17/09		MH	SW8081
d-BHC	ND	17	ug/Kg	09/17/09		MH	SW8081
Dieldrin	ND	5.4	ug/Kg	09/17/09		MH	SW8081
Endosulfan I	ND	17	ug/Kg	09/17/09		MH	SW8081
Endosulfan II	ND	34	ug/Kg	09/17/09		MH	SW8081
Endosulfan sulfate	ND	34	ug/Kg	09/17/09		MH	SW8081
Endrin	ND	34	ug/Kg	09/17/09		MH	SW8081
Endrin aldehyde	ND	34	ug/Kg	09/17/09		MH	SW8081
Endrin ketone	ND	34	ug/Kg	09/17/09		MH	SW8081
g-BHC	ND	17	ug/Kg	09/17/09		MH	SW8081
Heptachlor	ND	11	ug/Kg	09/17/09		MH	SW8081
Heptachlor epoxide	ND	17	ug/Kg	09/17/09		MH	SW8081
Methoxychlor	ND	170	ug/Kg	09/17/09		MH	SW8081
Toxaphene	ND	170	ug/Kg	09/17/09		MH	SW8081
QA/QC Surrogates							
% DCBP	114		%	09/17/09		MH	SW8081
% TCMX	90		%	09/17/09		MH	SW8081

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters.

Comments:

*** Poor surrogate recovery was observed.

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

Phyllis Shiller, Laboratory Director

October 01, 2009

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 01, 2009

FOR: Attn: Ms. Marya Mahoney
TRC Environmental Corp.
21 Griffen Rd North
Windsor, CT 06095

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:		09/15/09	10:25
Location Code:	TRC	Received by:	LB	09/16/09	13:30
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	15422				

Laboratory Data

SDG ID: GAS24790
Phoenix ID: AS24794

Project ID:

Client ID: TW-1

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.001	0.001	mg/L	09/20/09		LK	6010/200.7
Arsenic	< 0.004	0.004	mg/L	09/20/09		LK	6010/200.7
Barium	0.241	0.002	mg/L	09/20/09		LK	6010/200.7
Cadmium	< 0.001	0.001	mg/L	09/20/09		LK	6010/200.7
Chromium	0.002	0.001	mg/L	09/20/09		LK	6010/200.7
Mercury	< 0.0002	0.0002	mg/L	09/17/09		LK	7470/E245.1
Lead	0.005	0.002	mg/L	09/20/09		LK	6010/200.7
Selenium	< 0.010	0.010	mg/L	09/20/09		LK	6010/200.7
Extraction of CT ETPH	Completed			09/16/09		O/E	3510/3520
Mercury Digestion	Completed			09/17/09		K	7471/245.1
Extraction for Herbicide	Completed			09/16/09		O/D	SW8151
PCB Extraction	Completed			09/17/09		O/O	SW3510/3520
Extraction for Pest (2 Liter)	Completed			09/16/09		O/E	3520MOD
Semi-Volatile Extraction	Completed			09/16/09		O/E	SW3510/3520
Total Metals Digestion	Completed			09/16/09		AG	
Pesticides							
4,4' -DDD	ND	0.1	ug/L	09/18/09		MH	SW8081
4,4' -DDE	ND	0.1	ug/L	09/18/09		MH	SW8081
4,4' -DDT	ND	0.1	ug/L	09/18/09		MH	SW8081
a-BHC	ND	0.05	ug/L	09/18/09		MH	SW8081
Alachlor	ND	0.1	ug/L	09/18/09		MH	SW8081
Aldrin	0.006	0.003	ug/L	09/18/09		MH	SW8081
b-BHC	ND	0.01	ug/L	09/18/09		MH	SW8081
Chlordane	ND	0.3	ug/L	09/18/09		MH	SW8081
d-BHC	ND	0.05	ug/L	09/18/09		MH	SW8081
Dieldrin	ND	0.002	ug/L	09/18/09		MH	SW8081
Endosulfan I	ND	0.05	ug/L	09/18/09		MH	SW8081
Endosulfan II	ND	0.1	ug/L	09/18/09		MH	SW8081

Project ID:
Client ID: TW-1

Phoenix I.D.: AS24794

Parameter	Result	RL	Units	Date	Time	By	Reference
Endosulfan Sulfate	ND	0.1	ug/L	09/18/09		MH	SW8081
Endrin	ND	0.1	ug/L	09/18/09		MH	SW8081
Endrin Aldehyde	ND	0.1	ug/L	09/18/09		MH	SW8081
g-BHC (Lindane)	ND	0.05	ug/L	09/18/09		MH	SW8081
Heptachlor	ND	0.05	ug/L	09/18/09		MH	SW8081
Heptachlor epoxide	ND	0.05	ug/L	09/18/09		MH	SW8081
Methoxychlor	ND	0.2	ug/L	09/18/09		MH	SW8081
Toxaphene	ND	1.0	ug/L	09/18/09		MH	SW8081
QA/QC Surrogates							
%DCBP (Surrogate Rec)	<30*		%	09/18/09		MH	SW8081
%TCMX (Surrogate Rec)	86		%	09/18/09		MH	SW8081
Chlorinated Herbicides							
2,4,5-T	ND	0.50	ug/L	09/18/09		JRB	SW8151
2,4,5-TP (Silvex)	ND	0.50	ug/L	09/18/09		JRB	SW8151
2,4-D	ND	1.0	ug/L	09/18/09		JRB	SW8151
2,4-DB	ND	3.0	ug/L	09/18/09		JRB	SW8151
Dalapon	ND	2.5	ug/L	09/18/09		JRB	SW8151
Dicamba	ND	0.50	ug/L	09/18/09		JRB	SW8151
Dichloroprop	ND	0.50	ug/L	09/18/09		JRB	SW8151
Dinoseb	ND	0.50	ug/L	09/18/09		JRB	SW8151
QA/QC Surrogates							
% DCAA	106		%	09/18/09		JRB	SW8151
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	09/17/09		R/J	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	09/17/09		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	09/17/09		R/J	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	09/17/09		R/J	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	09/17/09		R/J	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	09/17/09		R/J	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	09/17/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	09/17/09		R/J	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	09/17/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	09/17/09		R/J	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	09/17/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	09/17/09		R/J	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	09/17/09		R/J	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	09/17/09		R/J	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	09/17/09		R/J	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	09/17/09		R/J	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	09/17/09		R/J	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	09/17/09		R/J	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	09/17/09		R/J	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	09/17/09		R/J	SW8260
2-Chlorotoluene	ND	1.0	ug/L	09/17/09		R/J	SW8260
2-Hexanone	ND	5.0	ug/L	09/17/09		R/J	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	09/17/09		R/J	SW8260
4-Chlorotoluene	ND	1.0	ug/L	09/17/09		R/J	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	09/17/09		R/J	SW8260
Acetone	ND	50	ug/L	09/17/09		R/J	SW8260

Project ID:

Phoenix I.D.: AS24794

Client ID: TW-1

Parameter	Result	RL	Units	Date	Time	By	Reference
Acrylonitrile	ND	5.0	ug/L	09/17/09		R/J	SW8260
Benzene	ND	1.0	ug/L	09/17/09		R/J	SW8260
Bromobenzene	ND	1.0	ug/L	09/17/09		R/J	SW8260
Bromochloromethane	ND	1.0	ug/L	09/17/09		R/J	SW8260
Bromodichloromethane	ND	0.50	ug/L	09/17/09		R/J	SW8260
Bromoform	ND	1.0	ug/L	09/17/09		R/J	SW8260
Bromomethane	ND	1.0	ug/L	09/17/09		R/J	SW8260
Carbon Disulfide	ND	5.0	ug/L	09/17/09		R/J	SW8260
Carbon tetrachloride	ND	1.0	ug/L	09/17/09		R/J	SW8260
Chlorobenzene	ND	1.0	ug/L	09/17/09		R/J	SW8260
Chloroethane	ND	1.0	ug/L	09/17/09		R/J	SW8260
Chloroform	ND	1.0	ug/L	09/17/09		R/J	SW8260
Chloromethane	ND	1.0	ug/L	09/17/09		R/J	SW8260
cis-1,2-Dichloroethene	ND	1.0	ug/L	09/17/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	09/17/09		R/J	SW8260
Dibromochloromethane	ND	0.50	ug/L	09/17/09		R/J	SW8260
Dibromoethane	ND	1.0	ug/L	09/17/09		R/J	SW8260
Dibromomethane	ND	1.0	ug/L	09/17/09		R/J	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	09/17/09		R/J	SW8260
Ethylbenzene	ND	1.0	ug/L	09/17/09		R/J	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	09/17/09		R/J	SW8260
Isopropylbenzene	ND	1.0	ug/L	09/17/09		R/J	SW8260
m&p-Xylene	ND	1.0	ug/L	09/17/09		R/J	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	09/17/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	09/17/09		R/J	SW8260
Methylene chloride	ND	1.0	ug/L	09/17/09		R/J	SW8260
Naphthalene	1.2	1.0	ug/L	09/17/09		R/J	SW8260
n-Butylbenzene	ND	1.0	ug/L	09/17/09		R/J	SW8260
n-Propylbenzene	ND	1.0	ug/L	09/17/09		R/J	SW8260
o-Xylene	ND	1.0	ug/L	09/17/09		R/J	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	09/17/09		R/J	SW8260
sec-Butylbenzene	ND	1.0	ug/L	09/17/09		R/J	SW8260
Styrene	ND	1.0	ug/L	09/17/09		R/J	SW8260
tert-Butylbenzene	ND	1.0	ug/L	09/17/09		R/J	SW8260
Tetrachloroethene	ND	1.0	ug/L	09/17/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	09/17/09		R/J	SW8260
Toluene	ND	1.0	ug/L	09/17/09		R/J	SW8260
Total Xylenes	ND	1.0	ug/L	09/17/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	09/17/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	09/17/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	09/17/09		R/J	SW8260
Trichloroethene	ND	1.0	ug/L	09/17/09		R/J	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	09/17/09		R/J	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	09/17/09		R/J	SW8260
Vinyl chloride	ND	1.0	ug/L	09/17/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	105		%	09/17/09		R/J	SW8260
% Bromofluorobenzene	93		%	09/17/09		R/J	SW8260
% Dibromofluoromethane	100		%	09/17/09		R/J	SW8260
% Toluene-d8	98		%	09/17/09		R/J	SW8260

Project ID:
Client ID: TW-1

Phoenix I.D.: AS24794

Parameter	Result	RL	Units	Date	Time	By	Reference
Semivolatiles							
1,2,4-Trichlorobenzene	ND	10	ug/L	09/21/09		HM	SW 8270
1,2-Dichlorobenzene	ND	10	ug/L	09/21/09		HM	SW 8270
1,3-Dichlorobenzene	ND	10	ug/L	09/21/09		HM	SW 8270
1,4-Dichlorobenzene	ND	10	ug/L	09/21/09		HM	SW 8270
2,4,5-Trichlorophenol	ND	10	ug/L	09/21/09		HM	SW 8270
2,4,6-Trichlorophenol	ND	10	ug/L	09/21/09		HM	SW 8270
2,4-Dichlorophenol	ND	10	ug/L	09/21/09		HM	SW 8270
2,4-Dimethylphenol	ND	10	ug/L	09/21/09		HM	SW 8270
2,4-Dinitrophenol	ND	50	ug/L	09/21/09		HM	SW 8270
2,4-Dinitrotoluene	ND	10	ug/L	09/21/09		HM	SW 8270
2,6-Dinitrotoluene	ND	10	ug/L	09/21/09		HM	SW 8270
2-Chloronaphthalene	ND	10	ug/L	09/21/09		HM	SW 8270
2-Chlorophenol	ND	10	ug/L	09/21/09		HM	SW 8270
2-Methylnaphthalene	ND	10	ug/L	09/21/09		HM	SW 8270
2-Methylphenol (o-cresol)	ND	10	ug/L	09/21/09		HM	SW 8270
2-Nitroaniline	ND	50	ug/L	09/21/09		HM	SW 8270
2-Nitrophenol	ND	10	ug/L	09/21/09		HM	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	10	ug/L	09/21/09		HM	SW 8270
3,3'-Dichlorobenzidine	ND	20	ug/L	09/21/09		HM	SW 8270
3-Nitroaniline	ND	50	ug/L	09/21/09		HM	SW 8270
4,6-Dinitro-2-methylphenol	ND	50	ug/L	09/21/09		HM	SW 8270
4-Bromophenyl phenyl ether	ND	10	ug/L	09/21/09		HM	SW 8270
4-Chloro-3-methylphenol	ND	20	ug/L	09/21/09		HM	SW 8270
4-Chloroaniline	ND	20	ug/L	09/21/09		HM	SW 8270
4-Chlorophenyl phenyl ether	ND	10	ug/L	09/21/09		HM	SW 8270
4-Nitroaniline	ND	50	ug/L	09/21/09		HM	SW 8270
4-Nitrophenol	ND	50	ug/L	09/21/09		HM	SW 8270
Acenaphthene	ND	10	ug/L	09/21/09		HM	SW 8270
Acetophenone	ND	10	ug/L	09/21/09		HM	SW 8270
Aniline	ND	50	ug/L	09/21/09		HM	SW 8270
Anthracene	ND	10	ug/L	09/21/09		HM	SW 8270
Azobenzene	ND	10	ug/L	09/21/09		HM	SW 8270
Benzidine	ND	20	ug/L	09/21/09		HM	SW 8270
Benzoic acid	ND	50	ug/L	09/21/09		HM	SW 8270
Benzyl butyl phthalate	ND	10	ug/L	09/21/09		HM	SW 8270
Bis(2-chloroethoxy)methane	ND	10	ug/L	09/21/09		HM	SW 8270
Bis(2-chloroethyl)ether	ND	10	ug/L	09/21/09		HM	SW 8270
Bis(2-chloroisopropyl)ether	ND	10	ug/L	09/21/09		HM	SW 8270
Carbazole	ND	50	ug/L	09/21/09		HM	SW 8270
Dibenzofuran	ND	10	ug/L	09/21/09		HM	SW 8270
Diethyl phthalate	ND	10	ug/L	09/21/09		HM	SW 8270
Dimethylphthalate	ND	10	ug/L	09/21/09		HM	SW 8270
Di-n-butylphthalate	ND	10	ug/L	09/21/09		HM	SW 8270
Di-n-octylphthalate	ND	10	ug/L	09/21/09		HM	SW 8270
Fluoranthene	ND	10	ug/L	09/21/09		HM	SW 8270
Fluorene	ND	10	ug/L	09/21/09		HM	SW 8270
Hexachlorobutadiene	ND	10	ug/L	09/21/09		HM	SW 8270
Hexachlorocyclopentadiene	ND	10	ug/L	09/21/09		HM	SW 8270
Isophorone	ND	10	ug/L	09/21/09		HM	SW 8270

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Parameter	Result	RL	Units	Date	Time	By	Reference
Naphthalene	ND	10	ug/L	09/21/09		HM	SW 8270
Nitrobenzene	ND	10	ug/L	09/21/09		HM	SW 8270
N-Nitrosodimethylamine	ND	10	ug/L	09/21/09		HM	SW 8270
N-Nitrosodi-n-propylamine	ND	10	ug/L	09/21/09		HM	SW 8270
N-Nitrosodiphenylamine	ND	10	ug/L	09/21/09		HM	SW 8270
Phenol	ND	10	ug/L	09/21/09		HM	SW 8270
Pyrene	ND	10	ug/L	09/21/09		HM	SW 8270
Pyridine	ND	10	ug/L	09/21/09		HM	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	100		%	09/21/09		HM	SW 8270
% 2-Fluorobiphenyl	65		%	09/21/09		HM	SW 8270
% 2-Fluorophenol	68		%	09/21/09		HM	SW 8270
% Nitrobenzene-d5	76		%	09/21/09		HM	SW 8270
% Phenol-d5	62		%	09/21/09		HM	SW 8270
% Terphenyl-d14	64		%	09/21/09		HM	SW 8270
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	1.6	ug/L	09/21/09		HM	SW8270 (SIM)
Acenaphthylene	ND	0.24	ug/L	09/21/09		HM	SW8270 (SIM)
Benz(a)anthracene	0.07	0.040	ug/L	09/21/09		HM	SW8270 (SIM)
Benzo(a)pyrene	ND	0.16	ug/L	09/21/09		HM	SW8270 (SIM)
Benzo(b)fluoranthene	0.08	0.064	ug/L	09/21/09		HM	SW8270 (SIM)
Benzo(ghi)perylene	ND	3.0	ug/L	09/21/09		HM	SW8270 (SIM)
Benzo(k)fluoranthene	ND	0.24	ug/L	09/21/09		HM	SW8270 (SIM)
Bis(2-ethylhexyl)phthalate	ND	1.6	ug/L	09/21/09		HM	SW8270 (SIM)
Chrysene	ND	1.6	ug/L	09/21/09		HM	SW8270 (SIM)
Dibenz(a,h)anthracene	ND	0.20	ug/L	09/21/09		HM	SW8270 (SIM)
Hexachlorobenzene	ND	0.060	ug/L	09/21/09		HM	SW8270 (SIM)
Hexachloroethane	ND	2.4	ug/L	09/21/09		HM	SW8270 (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	09/21/09		HM	SW8270 (SIM)
Pentachloronitrobenzene	ND	0.10	ug/L	09/21/09		HM	SW8270 (SIM)
Pentachlorophenol	ND	0.80	ug/L	09/21/09		HM	SW8270 (SIM)
Phenanthrene	0.48	0.060	ug/L	09/21/09		HM	SW8270 (SIM)
QA/QC Surrogates							
% 2,4,6-Tribromophenol	100		%	09/21/09		HM	SW8270 (SIM)
% 2-Fluorobiphenyl	64		%	09/21/09		HM	SW8270 (SIM)
% 2-Fluorophenol	68		%	09/21/09		HM	SW8270 (SIM)
% Nitrobenzene-d5	76		%	09/21/09		HM	SW8270 (SIM)
% Phenol-d5	62		%	09/21/09		HM	SW8270 (SIM)
% Terphenyl-d14	64		%	09/21/09		HM	SW8270 (SIM)
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	0.082	mg/L	09/18/09		JRB	CT ETPH
Identification	ND		mg/L	09/18/09		JRB	CT ETPH
QA/QC Surrogates							
% n-Pentacosane	56		%	09/18/09		JRB	CT ETPH
Polychlorinated Biphenyls							
PCB-1016	ND	0.50	ug/L	09/18/09		MH	608/ 8082
PCB-1221	ND	0.50	ug/L	09/18/09		MH	608/ 8082
PCB-1232	ND	0.50	ug/L	09/18/09		MH	608/ 8082

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Parameter	Result	RL	Units	Date	Time	By	Reference
PCB-1242	ND	0.50	ug/L	09/18/09		MH	608/ 8082
PCB-1248	ND	0.50	ug/L	09/18/09		MH	608/ 8082
PCB-1254	ND	0.50	ug/L	09/18/09		MH	608/ 8082
PCB-1260	ND	0.50	ug/L	09/18/09		MH	608/ 8082
PCB-1262	ND	0.50	ug/L	09/18/09		MH	608/ 8082
PCB-1268	ND	0.50	ug/L	09/18/09		MH	608/ 8082
QA/QC Surrogates							
% DCBP	40		%	09/18/09		MH	608/ 8082
% TCMX	88		%	09/18/09		MH	608/ 8082

Comments:

* Poor surrogate recovery was observed.

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

Phyllis Shiller

Phyllis Shiller, Laboratory Director

October 01, 2009

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 01, 2009

FOR: Attn: Ms. Marya Mahoney
TRC Environmental Corp.
21 Griffen Rd North
Windsor, CT 06095

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:		09/15/09	10:50
Location Code:	TRC	Received by:	LB	09/16/09	13:30
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	15422				

Laboratory Data

SDG ID: GAS24790
Phoenix ID: AS24795

Project ID:

Client ID: SW-1

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.001	0.001	mg/L	09/20/09		LK	6010/200.7
Arsenic	< 0.004	0.004	mg/L	09/20/09		LK	6010/200.7
Barium	0.193	0.002	mg/L	09/20/09		LK	6010/200.7
Cadmium	< 0.001	0.001	mg/L	09/20/09		LK	6010/200.7
Chromium	< 0.001	0.001	mg/L	09/20/09		LK	6010/200.7
Mercury	< 0.0002	0.0002	mg/L	09/17/09		LK	7470/E245.1
Lead	< 0.002	0.002	mg/L	09/20/09		LK	6010/200.7
Selenium	< 0.010	0.010	mg/L	09/20/09		LK	6010/200.7
Extraction of CT ETPH	Completed			09/16/09		O/E	3510/3520
Mercury Digestion	Completed			09/17/09		K	7471/245.1
Extraction for Herbicide	Completed			09/16/09		O/D	SW8151
PCB Extraction	Completed			09/17/09		O/O	SW3510/3520
Extraction for Pest (2 Liter)	Completed			09/16/09		O/E	3520MOD
Semi-Volatile Extraction	Completed			09/16/09		O/E	SW3510/3520
Total Metals Digestion	Completed			09/16/09		AG	
Pesticides							
4,4' -DDD	ND	0.1	ug/L	09/18/09		MH	SW8081
4,4' -DDE	ND	0.1	ug/L	09/18/09		MH	SW8081
4,4' -DDT	ND	0.1	ug/L	09/18/09		MH	SW8081
a-BHC	ND	0.05	ug/L	09/18/09		MH	SW8081
Alachlor	ND	0.1	ug/L	09/18/09		MH	SW8081
Aldrin	ND	0.003	ug/L	09/18/09		MH	SW8081
b-BHC	ND	0.01	ug/L	09/18/09		MH	SW8081
Chlordane	ND	0.3	ug/L	09/18/09		MH	SW8081
d-BHC	ND	0.05	ug/L	09/18/09		MH	SW8081
Dieldrin	ND	0.002	ug/L	09/18/09		MH	SW8081
Endosulfan I	ND	0.05	ug/L	09/18/09		MH	SW8081
Endosulfan II	ND	0.1	ug/L	09/18/09		MH	SW8081

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Parameter	Result	RL	Units	Date	Time	By	Reference
Endosulfan Sulfate	ND	0.1	ug/L	09/18/09		MH	SW8081
Endrin	ND	0.1	ug/L	09/18/09		MH	SW8081
Endrin Aldehyde	ND	0.1	ug/L	09/18/09		MH	SW8081
g-BHC (Lindane)	ND	0.05	ug/L	09/18/09		MH	SW8081
Heptachlor	ND	0.05	ug/L	09/18/09		MH	SW8081
Heptachlor epoxide	ND	0.05	ug/L	09/18/09		MH	SW8081
Methoxychlor	ND	0.2	ug/L	09/18/09		MH	SW8081
Toxaphene	ND	1.0	ug/L	09/18/09		MH	SW8081
QA/QC Surrogates							
%DCBP (Surrogate Rec)	<30*		%	09/18/09		MH	SW8081
%TCMX (Surrogate Rec)	79		%	09/18/09		MH	SW8081
Chlorinated Herbicides							
2,4,5-T	ND	0.50	ug/L	09/18/09		JRB	SW8151
2,4,5-TP (Silvex)	ND	0.50	ug/L	09/18/09		JRB	SW8151
2,4-D	ND	1.0	ug/L	09/18/09		JRB	SW8151
2,4-DB	ND	3.0	ug/L	09/18/09		JRB	SW8151
Dalapon	ND	2.5	ug/L	09/18/09		JRB	SW8151
Dicamba	ND	0.50	ug/L	09/18/09		JRB	SW8151
Dichloroprop	ND	0.50	ug/L	09/18/09		JRB	SW8151
Dinoseb	ND	0.50	ug/L	09/18/09		JRB	SW8151
QA/QC Surrogates							
% DCAA	120		%	09/18/09		JRB	SW8151
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	09/17/09		R/J	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	09/17/09		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	09/17/09		R/J	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	09/17/09		R/J	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	09/17/09		R/J	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	09/17/09		R/J	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	09/17/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	09/17/09		R/J	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	09/17/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	09/17/09		R/J	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	09/17/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	09/17/09		R/J	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	09/17/09		R/J	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	09/17/09		R/J	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	09/17/09		R/J	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	09/17/09		R/J	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	09/17/09		R/J	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	09/17/09		R/J	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	09/17/09		R/J	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	09/17/09		R/J	SW8260
2-Chlorotoluene	ND	1.0	ug/L	09/17/09		R/J	SW8260
2-Hexanone	ND	5.0	ug/L	09/17/09		R/J	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	09/17/09		R/J	SW8260
4-Chlorotoluene	ND	1.0	ug/L	09/17/09		R/J	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	09/17/09		R/J	SW8260
Acetone	ND	50	ug/L	09/17/09		R/J	SW8260

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Parameter	Result	RL	Units	Date	Time	By	Reference
Acrylonitrile	ND	5.0	ug/L	09/17/09		R/J	SW8260
Benzene	ND	1.0	ug/L	09/17/09		R/J	SW8260
Bromobenzene	ND	1.0	ug/L	09/17/09		R/J	SW8260
Bromochloromethane	ND	1.0	ug/L	09/17/09		R/J	SW8260
Bromodichloromethane	ND	0.50	ug/L	09/17/09		R/J	SW8260
Bromoform	ND	1.0	ug/L	09/17/09		R/J	SW8260
Bromomethane	ND	1.0	ug/L	09/17/09		R/J	SW8260
Carbon Disulfide	ND	5.0	ug/L	09/17/09		R/J	SW8260
Carbon tetrachloride	ND	1.0	ug/L	09/17/09		R/J	SW8260
Chlorobenzene	ND	1.0	ug/L	09/17/09		R/J	SW8260
Chloroethane	ND	1.0	ug/L	09/17/09		R/J	SW8260
Chloroform	ND	1.0	ug/L	09/17/09		R/J	SW8260
Chloromethane	ND	1.0	ug/L	09/17/09		R/J	SW8260
cis-1,2-Dichloroethene	ND	1.0	ug/L	09/17/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	09/17/09		R/J	SW8260
Dibromochloromethane	ND	0.50	ug/L	09/17/09		R/J	SW8260
Dibromoethane	ND	1.0	ug/L	09/17/09		R/J	SW8260
Dibromomethane	ND	1.0	ug/L	09/17/09		R/J	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	09/17/09		R/J	SW8260
Ethylbenzene	ND	1.0	ug/L	09/17/09		R/J	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	09/17/09		R/J	SW8260
Isopropylbenzene	ND	1.0	ug/L	09/17/09		R/J	SW8260
m&p-Xylene	ND	1.0	ug/L	09/17/09		R/J	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	09/17/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	09/17/09		R/J	SW8260
Methylene chloride	ND	1.0	ug/L	09/17/09		R/J	SW8260
Naphthalene	ND	1.0	ug/L	09/17/09		R/J	SW8260
n-Butylbenzene	ND	1.0	ug/L	09/17/09		R/J	SW8260
n-Propylbenzene	ND	1.0	ug/L	09/17/09		R/J	SW8260
o-Xylene	ND	1.0	ug/L	09/17/09		R/J	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	09/17/09		R/J	SW8260
sec-Butylbenzene	ND	1.0	ug/L	09/17/09		R/J	SW8260
Styrene	ND	1.0	ug/L	09/17/09		R/J	SW8260
tert-Butylbenzene	ND	1.0	ug/L	09/17/09		R/J	SW8260
Tetrachloroethene	ND	1.0	ug/L	09/17/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	09/17/09		R/J	SW8260
Toluene	ND	1.0	ug/L	09/17/09		R/J	SW8260
Total Xylenes	ND	1.0	ug/L	09/17/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	09/17/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	09/17/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	09/17/09		R/J	SW8260
Trichloroethene	ND	1.0	ug/L	09/17/09		R/J	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	09/17/09		R/J	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	09/17/09		R/J	SW8260
Vinyl chloride	ND	1.0	ug/L	09/17/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	111		%	09/17/09		R/J	SW8260
% Bromofluorobenzene	88		%	09/17/09		R/J	SW8260
% Dibromofluoromethane	101		%	09/17/09		R/J	SW8260
% Toluene-d8	99		%	09/17/09		R/J	SW8260

Project ID:
Client ID: SW-1

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Parameter	Result	RL	Units	Date	Time	By	Reference
Semivolatiles							
1,2,4-Trichlorobenzene	ND	10	ug/L	09/21/09		HM	SW 8270
1,2-Dichlorobenzene	ND	10	ug/L	09/21/09		HM	SW 8270
1,3-Dichlorobenzene	ND	10	ug/L	09/21/09		HM	SW 8270
1,4-Dichlorobenzene	ND	10	ug/L	09/21/09		HM	SW 8270
2,4,5-Trichlorophenol	ND	10	ug/L	09/21/09		HM	SW 8270
2,4,6-Trichlorophenol	ND	10	ug/L	09/21/09		HM	SW 8270
2,4-Dichlorophenol	ND	10	ug/L	09/21/09		HM	SW 8270
2,4-Dimethylphenol	ND	10	ug/L	09/21/09		HM	SW 8270
2,4-Dinitrophenol	ND	50	ug/L	09/21/09		HM	SW 8270
2,4-Dinitrotoluene	ND	10	ug/L	09/21/09		HM	SW 8270
2,6-Dinitrotoluene	ND	10	ug/L	09/21/09		HM	SW 8270
2-Chloronaphthalene	ND	10	ug/L	09/21/09		HM	SW 8270
2-Chlorophenol	ND	10	ug/L	09/21/09		HM	SW 8270
2-Methylnaphthalene	ND	10	ug/L	09/21/09		HM	SW 8270
2-Methylphenol (o-cresol)	ND	10	ug/L	09/21/09		HM	SW 8270
2-Nitroaniline	ND	50	ug/L	09/21/09		HM	SW 8270
2-Nitrophenol	ND	10	ug/L	09/21/09		HM	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	10	ug/L	09/21/09		HM	SW 8270
3,3'-Dichlorobenzidine	ND	20	ug/L	09/21/09		HM	SW 8270
3-Nitroaniline	ND	50	ug/L	09/21/09		HM	SW 8270
4,6-Dinitro-2-methylphenol	ND	50	ug/L	09/21/09		HM	SW 8270
4-Bromophenyl phenyl ether	ND	10	ug/L	09/21/09		HM	SW 8270
4-Chloro-3-methylphenol	ND	20	ug/L	09/21/09		HM	SW 8270
4-Chloroaniline	ND	20	ug/L	09/21/09		HM	SW 8270
4-Chlorophenyl phenyl ether	ND	10	ug/L	09/21/09		HM	SW 8270
4-Nitroaniline	ND	50	ug/L	09/21/09		HM	SW 8270
4-Nitrophenol	ND	50	ug/L	09/21/09		HM	SW 8270
Acenaphthene	ND	10	ug/L	09/21/09		HM	SW 8270
Acetophenone	ND	10	ug/L	09/21/09		HM	SW 8270
Aniline	ND	50	ug/L	09/21/09		HM	SW 8270
Anthracene	ND	10	ug/L	09/21/09		HM	SW 8270
Azobenzene	ND	10	ug/L	09/21/09		HM	SW 8270
Benzidine	ND	20	ug/L	09/21/09		HM	SW 8270
Benzoic acid	ND	50	ug/L	09/21/09		HM	SW 8270
Benzyl butyl phthalate	ND	10	ug/L	09/21/09		HM	SW 8270
Bis(2-chloroethoxy)methane	ND	10	ug/L	09/21/09		HM	SW 8270
Bis(2-chloroethyl)ether	ND	10	ug/L	09/21/09		HM	SW 8270
Bis(2-chloroisopropyl)ether	ND	10	ug/L	09/21/09		HM	SW 8270
Carbazole	ND	50	ug/L	09/21/09		HM	SW 8270
Dibenzofuran	ND	10	ug/L	09/21/09		HM	SW 8270
Diethyl phthalate	ND	10	ug/L	09/21/09		HM	SW 8270
Dimethylphthalate	ND	10	ug/L	09/21/09		HM	SW 8270
Di-n-butylphthalate	ND	10	ug/L	09/21/09		HM	SW 8270
Di-n-octylphthalate	ND	10	ug/L	09/21/09		HM	SW 8270
Fluoranthene	ND	10	ug/L	09/21/09		HM	SW 8270
Fluorene	ND	10	ug/L	09/21/09		HM	SW 8270
Hexachlorobutadiene	ND	10	ug/L	09/21/09		HM	SW 8270
Hexachlorocyclopentadiene	ND	10	ug/L	09/21/09		HM	SW 8270
Isophorone	ND	10	ug/L	09/21/09		HM	SW 8270

Project ID:
Client ID: SW-1

Phoenix I.D.: AS24795

Parameter	Result	RL	Units	Date	Time	By	Reference
Naphthalene	ND	10	ug/L	09/21/09		HM	SW 8270
Nitrobenzene	ND	10	ug/L	09/21/09		HM	SW 8270
N-Nitrosodimethylamine	ND	10	ug/L	09/21/09		HM	SW 8270
N-Nitrosodi-n-propylamine	ND	10	ug/L	09/21/09		HM	SW 8270
N-Nitrosodiphenylamine	ND	10	ug/L	09/21/09		HM	SW 8270
Phenol	ND	10	ug/L	09/21/09		HM	SW 8270
Pyrene	ND	10	ug/L	09/21/09		HM	SW 8270
Pyridine	ND	10	ug/L	09/21/09		HM	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	105		%	09/21/09		HM	SW 8270
% 2-Fluorobiphenyl	61		%	09/21/09		HM	SW 8270
% 2-Fluorophenol	67		%	09/21/09		HM	SW 8270
% Nitrobenzene-d5	76		%	09/21/09		HM	SW 8270
% Phenol-d5	59		%	09/21/09		HM	SW 8270
% Terphenyl-d14	65		%	09/21/09		HM	SW 8270
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	1.6	ug/L	09/21/09		HM	SW8270 (SIM)
Acenaphthylene	ND	0.24	ug/L	09/21/09		HM	SW8270 (SIM)
Benz(a)anthracene	0.06	0.040	ug/L	09/21/09		HM	SW8270 (SIM)
Benzo(a)pyrene	ND	0.16	ug/L	09/21/09		HM	SW8270 (SIM)
Benzo(b)fluoranthene	0.08	0.064	ug/L	09/21/09		HM	SW8270 (SIM)
Benzo(ghi)perylene	ND	3.0	ug/L	09/21/09		HM	SW8270 (SIM)
Benzo(k)fluoranthene	ND	0.24	ug/L	09/21/09		HM	SW8270 (SIM)
Bis(2-ethylhexyl)phthalate	ND	1.6	ug/L	09/21/09		HM	SW8270 (SIM)
Chrysene	ND	1.6	ug/L	09/21/09		HM	SW8270 (SIM)
Dibenz(a,h)anthracene	ND	0.20	ug/L	09/21/09		HM	SW8270 (SIM)
Hexachlorobenzene	ND	0.060	ug/L	09/21/09		HM	SW8270 (SIM)
Hexachloroethane	ND	2.4	ug/L	09/21/09		HM	SW8270 (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	09/21/09		HM	SW8270 (SIM)
Pentachloronitrobenzene	ND	0.10	ug/L	09/21/09		HM	SW8270 (SIM)
Pentachlorophenol	ND	0.80	ug/L	09/21/09		HM	SW8270 (SIM)
Phenanthrene	0.06	0.060	ug/L	09/21/09		HM	SW8270 (SIM)
QA/QC Surrogates							
% 2,4,6-Tribromophenol	105		%	09/21/09		HM	SW8270 (SIM)
% 2-Fluorobiphenyl	61		%	09/21/09		HM	SW8270 (SIM)
% 2-Fluorophenol	67		%	09/21/09		HM	SW8270 (SIM)
% Nitrobenzene-d5	76		%	09/21/09		HM	SW8270 (SIM)
% Phenol-d5	59		%	09/21/09		HM	SW8270 (SIM)
% Terphenyl-d14	65		%	09/21/09		HM	SW8270 (SIM)
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	0.070	mg/L	09/18/09		JRB	CT ETPH
Identification	ND		mg/L	09/18/09		JRB	CT ETPH
QA/QC Surrogates							
% n-Pentacosane	93		%	09/18/09		JRB	CT ETPH
Polychlorinated Biphenyls							
PCB-1016	ND	0.50	ug/L	09/18/09		MH	608/ 8082
PCB-1221	ND	0.50	ug/L	09/18/09		MH	608/ 8082
PCB-1232	ND	0.50	ug/L	09/18/09		MH	608/ 8082

Project ID:

Phoenix I.D.: AS24795

Client ID: SW-1

Parameter	Result	RL	Units	Date	Time	By	Reference
PCB-1242	ND	0.50	ug/L	09/18/09		MH	608/ 8082
PCB-1248	ND	0.50	ug/L	09/18/09		MH	608/ 8082
PCB-1254	ND	0.50	ug/L	09/18/09		MH	608/ 8082
PCB-1260	ND	0.50	ug/L	09/18/09		MH	608/ 8082
PCB-1262	ND	0.50	ug/L	09/18/09		MH	608/ 8082
PCB-1268	ND	0.50	ug/L	09/18/09		MH	608/ 8082
QA/QC Surrogates							
% DCBP	74		%	09/18/09		MH	608/ 8082
% TCMX	86		%	09/18/09		MH	608/ 8082

Comments:

* Poor surrogate recovery was observed.

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

Phyllis Shiller

Phyllis Shiller, Laboratory Director

October 01, 2009

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 01, 2009

FOR: Attn: Ms. Marya Mahoney
TRC Environmental Corp.
21 Griffen Rd North
Windsor, CT 06095

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		09/15/09	11:25
Location Code:	TRC	Received by:	LB	09/16/09	13:30
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	15422				

Laboratory Data

SDG ID: GAS24790
Phoenix ID: AS24796

Project ID:

Client ID: SB-3 (1-3)

Parameter	Result	RL	Units	Date	Time	By	Reference	
Silver	< 0.42	0.42	mg/Kg	09/17/09		EK	SW6010	
Arsenic	1.6	0.8	mg/Kg	09/17/09		EK	SW6010	
Barium	311	0.42	mg/Kg	09/17/09		EK	SW6010	
Cadmium	0.78	0.42	mg/Kg	09/17/09		EK	SW6010	
Chromium	18.6	0.42	mg/Kg	09/17/09		EK	SW6010	
Mercury	0.22	0.08	mg/Kg	09/17/09		LK	SW-7471	
Lead	333	0.42	mg/Kg	09/17/09		EK	SW6010	
Selenium	< 2.1	2.1	mg/Kg	09/17/09		EK	SW6010	
Percent Solid	77		%	09/16/09		s-JL	E160.3	
Soil Extraction for PCB	Completed			09/16/09		BB/D	SW3545	
Soil Extraction for Pesticide	Completed			09/16/09		BB	SW3545	
Soil Extraction for SVOA	Completed			09/16/09		QS/D	SW3545	
Extraction of CT ETPH	Completed			09/16/09		QS/D	3545	
Mercury Digestion	Completed			09/17/09		K	SW7471	
Soil Extraction for Herbicide	Completed			09/16/09		M/D	SW8151	
SPLP PCB Extraction	Completed			09/17/09		O/O	SW3510/3520	
SPLP Extraction for Organics	Completed			09/16/09		K	EPA1312	
Total Metals Digest	Completed			09/16/09		AG/C	SW846 - 3050	
Field Extraction	Completed			09/15/09		TRC	SW5035	1
SPLP Polychlorinated Biphenyls								
PCB-1016	ND	0.5	ug/L	09/18/09		MH	SW8082	
PCB-1221	ND	0.5	ug/L	09/18/09		MH	SW8082	
PCB-1232	ND	0.5	ug/L	09/18/09		MH	SW8082	
PCB-1242	ND	0.5	ug/L	09/18/09		MH	SW8082	
PCB-1248	ND	0.5	ug/L	09/18/09		MH	SW8082	
PCB-1254	ND	0.5	ug/L	09/18/09		MH	SW8082	
PCB-1260	ND	0.5	ug/L	09/18/09		MH	SW8082	
PCB-1262	ND	0.5	ug/L	09/18/09		MH	SW8082	

Project ID:

Phoenix I.D.: AS24796

Client ID: SB-3 (1-3)

Parameter	Result	RL	Units	Date	Time	By	Reference
PCB-1268	ND	0.5	ug/L	09/18/09		MH	SW8082
QA/QC Surrogates							
%DCBP (Surrogate Rec)	34		%	09/18/09		MH	SW8082
%TCMX (Surrogate Rec)	76		%	09/18/09		MH	SW8082
Chlorinated Herbicides							
2,4,5-T	ND	250	ug/Kg	09/23/09		KCA	SW8151
2,4,5-TP (Silvex)	ND	250	ug/Kg	09/23/09		KCA	SW8151
2,4-D	ND	250	ug/Kg	09/23/09		KCA	SW8151
2,4-DB	ND	2500	ug/Kg	09/23/09		KCA	SW8151
Dalapon	ND	1300	ug/Kg	09/23/09		KCA	SW8151
Dicamba	ND	760	ug/Kg	09/23/09		KCA	SW8151
Dichloroprop	ND	250	ug/Kg	09/23/09		KCA	SW8151
Dinoseb	ND	500	ug/Kg	09/23/09		KCA	SW8151
QA/QC Surrogates							
% DCAA	39		%	09/23/09		KCA	SW8151
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.6	ug/Kg	09/17/09		R/J	SW8260
1,1,1-Trichloroethane	ND	5.6	ug/Kg	09/17/09		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	5.6	ug/Kg	09/17/09		R/J	SW8260
1,1,2-Trichloroethane	ND	5.6	ug/Kg	09/17/09		R/J	SW8260
1,1-Dichloroethane	ND	5.6	ug/Kg	09/17/09		R/J	SW8260
1,1-Dichloroethene	ND	5.6	ug/Kg	09/17/09		R/J	SW8260
1,1-Dichloropropene	ND	5.6	ug/Kg	09/17/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	5.6	ug/Kg	09/17/09		R/J	SW8260
1,2,3-Trichloropropane	ND	5.6	ug/Kg	09/17/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	5.6	ug/Kg	09/17/09		R/J	SW8260
1,2,4-Trimethylbenzene	ND	5.6	ug/Kg	09/17/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	5.6	ug/Kg	09/17/09		R/J	SW8260
1,2-Dichlorobenzene	ND	5.6	ug/Kg	09/17/09		R/J	SW8260
1,2-Dichloroethane	ND	5.6	ug/Kg	09/17/09		R/J	SW8260
1,2-Dichloropropane	ND	5.6	ug/Kg	09/17/09		R/J	SW8260
1,3,5-Trimethylbenzene	ND	5.6	ug/Kg	09/17/09		R/J	SW8260
1,3-Dichlorobenzene	ND	5.6	ug/Kg	09/17/09		R/J	SW8260
1,3-Dichloropropane	ND	5.6	ug/Kg	09/17/09		R/J	SW8260
1,4-Dichlorobenzene	ND	5.6	ug/Kg	09/17/09		R/J	SW8260
2,2-Dichloropropane	ND	5.6	ug/Kg	09/17/09		R/J	SW8260
2-Chlorotoluene	ND	5.6	ug/Kg	09/17/09		R/J	SW8260
2-Hexanone	ND	28	ug/Kg	09/17/09		R/J	SW8260
2-Isopropyltoluene	ND	5.6	ug/Kg	09/17/09		R/J	SW8260
4-Chlorotoluene	ND	5.6	ug/Kg	09/17/09		R/J	SW8260
4-Methyl-2-pentanone	ND	28	ug/Kg	09/17/09		R/J	SW8260
Acetone	ND	110	ug/Kg	09/17/09		R/J	SW8260
Acrylonitrile	ND	5.6	ug/Kg	09/17/09		R/J	SW8260
Benzene	ND	5.6	ug/Kg	09/17/09		R/J	SW8260
Bromobenzene	ND	5.6	ug/Kg	09/17/09		R/J	SW8260
Bromochloromethane	ND	5.6	ug/Kg	09/17/09		R/J	SW8260
Bromodichloromethane	ND	5.6	ug/Kg	09/17/09		R/J	SW8260
Bromoform	ND	5.6	ug/Kg	09/17/09		R/J	SW8260
Bromomethane	ND	5.6	ug/Kg	09/17/09		R/J	SW8260

Project ID:

Phoenix I.D.: AS24796

Client ID: SB-3 (1-3)

Parameter	Result	RL	Units	Date	Time	By	Reference
Carbon Disulfide	ND	5.6	ug/Kg	09/17/09		R/J	SW8260
Carbon tetrachloride	ND	5.6	ug/Kg	09/17/09		R/J	SW8260
Chlorobenzene	ND	5.6	ug/Kg	09/17/09		R/J	SW8260
Chloroethane	ND	5.6	ug/Kg	09/17/09		R/J	SW8260
Chloroform	ND	5.6	ug/Kg	09/17/09		R/J	SW8260
Chloromethane	ND	5.6	ug/Kg	09/17/09		R/J	SW8260
cis-1,2-Dichloroethene	ND	5.6	ug/Kg	09/17/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	5.6	ug/Kg	09/17/09		R/J	SW8260
Dibromochloromethane	ND	5.6	ug/Kg	09/17/09		R/J	SW8260
Dibromoethane	ND	5.6	ug/Kg	09/17/09		R/J	SW8260
Dibromomethane	ND	5.6	ug/Kg	09/17/09		R/J	SW8260
Dichlorodifluoromethane	ND	5.6	ug/Kg	09/17/09		R/J	SW8260
Ethylbenzene	ND	5.6	ug/Kg	09/17/09		R/J	SW8260
Hexachlorobutadiene	ND	5.6	ug/Kg	09/17/09		R/J	SW8260
Isopropylbenzene	ND	5.6	ug/Kg	09/17/09		R/J	SW8260
m&p-Xylene	ND	5.6	ug/Kg	09/17/09		R/J	SW8260
Methyl Ethyl Ketone	ND	34	ug/Kg	09/17/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	09/17/09		R/J	SW8260
Methylene chloride	ND	5.6	ug/Kg	09/17/09		R/J	SW8260
Naphthalene	ND	5.6	ug/Kg	09/17/09		R/J	SW8260
n-Butylbenzene	ND	5.6	ug/Kg	09/17/09		R/J	SW8260
n-Propylbenzene	ND	5.6	ug/Kg	09/17/09		R/J	SW8260
o-Xylene	ND	5.6	ug/Kg	09/17/09		R/J	SW8260
p-Isopropyltoluene	ND	5.6	ug/Kg	09/17/09		R/J	SW8260
sec-Butylbenzene	ND	5.6	ug/Kg	09/17/09		R/J	SW8260
Styrene	ND	5.6	ug/Kg	09/17/09		R/J	SW8260
tert-Butylbenzene	ND	5.6	ug/Kg	09/17/09		R/J	SW8260
Tetrachloroethene	ND	5.6	ug/Kg	09/17/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	11	ug/Kg	09/17/09		R/J	SW8260
Toluene	ND	5.6	ug/Kg	09/17/09		R/J	SW8260
Total Xylenes	ND	5.6	ug/Kg	09/17/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	5.6	ug/Kg	09/17/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	5.6	ug/Kg	09/17/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	09/17/09		R/J	SW8260
Trichloroethene	ND	5.6	ug/Kg	09/17/09		R/J	SW8260
Trichlorofluoromethane	ND	5.6	ug/Kg	09/17/09		R/J	SW8260
Trichlorotrifluoroethane	ND	5.6	ug/Kg	09/17/09		R/J	SW8260
Vinyl chloride	ND	5.6	ug/Kg	09/17/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	103		%	09/17/09		R/J	SW8260
% Bromofluorobenzene	82		%	09/17/09		R/J	SW8260
% Dibromofluoromethane	93		%	09/17/09		R/J	SW8260
% Toluene-d8	92		%	09/17/09		R/J	SW8260
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	430	ug/Kg	09/17/09		HM	SW 8270
1,2,4-Trichlorobenzene	ND	430	ug/Kg	09/17/09		HM	SW 8270
1,2-Dichlorobenzene	ND	430	ug/Kg	09/17/09		HM	SW 8270
1,3-Dichlorobenzene	ND	430	ug/Kg	09/17/09		HM	SW 8270
1,4-Dichlorobenzene	ND	430	ug/Kg	09/17/09		HM	SW 8270
2,4,5-Trichlorophenol	ND	430	ug/Kg	09/17/09		HM	SW 8270

Project ID:

Phoenix I.D.: AS24796

Client ID: SB-3 (1-3)

Parameter	Result	RL	Units	Date	Time	By	Reference
2,4,6-Trichlorophenol	ND	430	ug/Kg	09/17/09		HM	SW 8270
2,4-Dichlorophenol	ND	430	ug/Kg	09/17/09		HM	SW 8270
2,4-Dimethylphenol	ND	430	ug/Kg	09/17/09		HM	SW 8270
2,4-Dinitrophenol	ND	680	ug/Kg	09/17/09		HM	SW 8270
2,4-Dinitrotoluene	ND	430	ug/Kg	09/17/09		HM	SW 8270
2,6-Dinitrotoluene	ND	430	ug/Kg	09/17/09		HM	SW 8270
2-Chloronaphthalene	ND	430	ug/Kg	09/17/09		HM	SW 8270
2-Chlorophenol	ND	430	ug/Kg	09/17/09		HM	SW 8270
2-Methylnaphthalene	ND	430	ug/Kg	09/17/09		HM	SW 8270
2-Methylphenol (o-cresol)	ND	430	ug/Kg	09/17/09		HM	SW 8270
2-Nitroaniline	ND	680	ug/Kg	09/17/09		HM	SW 8270
2-Nitrophenol	ND	430	ug/Kg	09/17/09		HM	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	430	ug/Kg	09/17/09		HM	SW 8270
3,3'-Dichlorobenzidine	ND	510	ug/Kg	09/17/09		HM	SW 8270
3-Nitroaniline	ND	680	ug/Kg	09/17/09		HM	SW 8270
4,6-Dinitro-2-methylphenol	ND	1200	ug/Kg	09/17/09		HM	SW 8270
4-Bromophenyl phenyl ether	ND	430	ug/Kg	09/17/09		HM	SW 8270
4-Chloro-3-methylphenol	ND	510	ug/Kg	09/17/09		HM	SW 8270
4-Chloroaniline	ND	510	ug/Kg	09/17/09		HM	SW 8270
4-Chlorophenyl phenyl ether	ND	430	ug/Kg	09/17/09		HM	SW 8270
4-Nitroaniline	ND	680	ug/Kg	09/17/09		HM	SW 8270
4-Nitrophenol	ND	1200	ug/Kg	09/17/09		HM	SW 8270
Acenaphthene	ND	430	ug/Kg	09/17/09		HM	SW 8270
Acenaphthylene	ND	430	ug/Kg	09/17/09		HM	SW 8270
Acetophenone	ND	430	ug/Kg	09/17/09		HM	SW 8270
Aniline	ND	1200	ug/Kg	09/17/09		HM	SW 8270
Anthracene	ND	430	ug/Kg	09/17/09		HM	SW 8270
Azobenzene	ND	430	ug/Kg	09/17/09		HM	SW 8270
Benz(a)anthracene	ND	430	ug/Kg	09/17/09		HM	SW 8270
Benzidine	ND	430	ug/Kg	09/17/09		HM	SW 8270
Benzo(a)pyrene	ND	430	ug/Kg	09/17/09		HM	SW 8270
Benzo(b)fluoranthene	ND	430	ug/Kg	09/17/09		HM	SW 8270
Benzo(ghi)perylene	ND	430	ug/Kg	09/17/09		HM	SW 8270
Benzo(k)fluoranthene	ND	430	ug/Kg	09/17/09		HM	SW 8270
Benzoic acid	ND	1200	ug/Kg	09/17/09		HM	SW 8270
Benzyl butyl phthalate	ND	430	ug/Kg	09/17/09		HM	SW 8270
Bis(2-chloroethoxy)methane	ND	430	ug/Kg	09/17/09		HM	SW 8270
Bis(2-chloroethyl)ether	ND	430	ug/Kg	09/17/09		HM	SW 8270
Bis(2-chloroisopropyl)ether	ND	430	ug/Kg	09/17/09		HM	SW 8270
Bis(2-ethylhexyl)phthalate	ND	430	ug/Kg	09/17/09		HM	SW 8270
Carbazole	ND	1200	ug/Kg	09/17/09		HM	SW 8270
Chrysene	ND	430	ug/Kg	09/17/09		HM	SW 8270
Dibenz(a,h)anthracene	ND	430	ug/Kg	09/17/09		HM	SW 8270
Dibenzofuran	ND	430	ug/Kg	09/17/09		HM	SW 8270
Diethyl phthalate	ND	430	ug/Kg	09/17/09		HM	SW 8270
Dimethylphthalate	ND	430	ug/Kg	09/17/09		HM	SW 8270
Di-n-butylphthalate	ND	430	ug/Kg	09/17/09		HM	SW 8270
Di-n-octylphthalate	ND	430	ug/Kg	09/17/09		HM	SW 8270
Fluoranthene	ND	430	ug/Kg	09/17/09		HM	SW 8270
Fluorene	ND	430	ug/Kg	09/17/09		HM	SW 8270
Hexachlorobenzene	ND	430	ug/Kg	09/17/09		HM	SW 8270

Project ID:

Phoenix I.D.: AS24796

Client ID: SB-3 (1-3)

Parameter	Result	RL	Units	Date	Time	By	Reference
Hexachlorobutadiene	ND	430	ug/Kg	09/17/09		HM	SW 8270
Hexachlorocyclopentadiene	ND	430	ug/Kg	09/17/09		HM	SW 8270
Hexachloroethane	ND	430	ug/Kg	09/17/09		HM	SW 8270
Indeno(1,2,3-cd)pyrene	ND	430	ug/Kg	09/17/09		HM	SW 8270
Isophorone	ND	430	ug/Kg	09/17/09		HM	SW 8270
Naphthalene	ND	430	ug/Kg	09/17/09		HM	SW 8270
Nitrobenzene	ND	430	ug/Kg	09/17/09		HM	SW 8270
N-Nitrosodimethylamine	ND	430	ug/Kg	09/17/09		HM	SW 8270
N-Nitrosodi-n-propylamine	ND	430	ug/Kg	09/17/09		HM	SW 8270
N-Nitrosodiphenylamine	ND	430	ug/Kg	09/17/09		HM	SW 8270
Pentachloronitrobenzene	ND	430	ug/Kg	09/17/09		HM	SW 8270
Pentachlorophenol	ND	430	ug/Kg	09/17/09		HM	SW 8270
Phenanthrene	ND	430	ug/Kg	09/17/09		HM	SW 8270
Phenol	ND	430	ug/Kg	09/17/09		HM	SW 8270
Pyrene	ND	430	ug/Kg	09/17/09		HM	SW 8270
Pyridine	ND	430	ug/Kg	09/17/09		HM	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	123		%	09/17/09		HM	SW 8270
% 2-Fluorobiphenyl	75		%	09/17/09		HM	SW 8270
% 2-Fluorophenol	88		%	09/17/09		HM	SW 8270
% Nitrobenzene-d5	75		%	09/17/09		HM	SW 8270
% Phenol-d5	81		%	09/17/09		HM	SW 8270
% Terphenyl-d14	63		%	09/17/09		HM	SW 8270
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	13	mg/Kg	09/18/09		JRB	CT ETPH
Identification	ND		mg/Kg	09/18/09		JRB	CT ETPH
QA/QC Surrogates							
% n-Pentacosane	81		%	09/18/09		JRB	CT ETPH
Polychlorinated Biphenyls							
PCB-1016	ND	430	ug/Kg	09/17/09		MH	SW 8082
PCB-1221	ND	430	ug/Kg	09/17/09		MH	SW 8082
PCB-1232	ND	430	ug/Kg	09/17/09		MH	SW 8082
PCB-1242	ND	430	ug/Kg	09/17/09		MH	SW 8082
PCB-1248	ND	430	ug/Kg	09/17/09		MH	SW 8082
PCB-1254	ND	430	ug/Kg	09/17/09		MH	SW 8082
PCB-1260	ND	430	ug/Kg	09/17/09		MH	SW 8082
PCB-1262	ND	430	ug/Kg	09/17/09		MH	SW 8082
PCB-1268	ND	430	ug/Kg	09/17/09		MH	SW 8082
QA/QC Surrogates							
% DCBP	87		%	09/17/09		MH	SW 8082
% TCMX	88		%	09/17/09		MH	SW 8082
Pesticides							
4,4' -DDD	ND	41	ug/Kg	09/17/09		MH	SW8081
4,4' -DDE	ND	41	ug/Kg	09/17/09		MH	SW8081
4,4' -DDT	ND	41	ug/Kg	09/17/09		MH	SW8081
a-BHC	ND	20	ug/Kg	09/17/09		MH	SW8081
Alachlor	ND	20	ug/Kg	09/17/09		MH	SW8081
Aldrin	ND	6.4	ug/Kg	09/17/09		MH	SW8081

Project ID:

Phoenix I.D.: AS24796

Client ID: SB-3 (1-3)

Parameter	Result	RL	Units	Date	Time	By	Reference
b-BHC	ND	20	ug/Kg	09/17/09		MH	SW8081
Chlordane	ND	64	ug/Kg	09/17/09		MH	SW8081
d-BHC	ND	20	ug/Kg	09/17/09		MH	SW8081
Dieldrin	ND	6.4	ug/Kg	09/17/09		MH	SW8081
Endosulfan I	ND	20	ug/Kg	09/17/09		MH	SW8081
Endosulfan II	ND	41	ug/Kg	09/17/09		MH	SW8081
Endosulfan sulfate	ND	41	ug/Kg	09/17/09		MH	SW8081
Endrin	ND	41	ug/Kg	09/17/09		MH	SW8081
Endrin aldehyde	ND	41	ug/Kg	09/17/09		MH	SW8081
Endrin ketone	ND	41	ug/Kg	09/17/09		MH	SW8081
g-BHC	ND	20	ug/Kg	09/17/09		MH	SW8081
Heptachlor	ND	13	ug/Kg	09/17/09		MH	SW8081
Heptachlor epoxide	ND	20	ug/Kg	09/17/09		MH	SW8081
Methoxychlor	ND	200	ug/Kg	09/17/09		MH	SW8081
Toxaphene	ND	200	ug/Kg	09/17/09		MH	SW8081
QA/QC Surrogates							
% DCBP	117		%	09/17/09		MH	SW8081
% TCMX	82		%	09/17/09		MH	SW8081

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters.

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

Phyllis Shiller

Phyllis Shiller, Laboratory Director

October 01, 2009

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 01, 2009

FOR: Attn: Ms. Marya Mahoney
TRC Environmental Corp.
21 Griffen Rd North
Windsor, CT 06095

Sample Information

Matrix: SOIL
Location Code: TRC
Rush Request:
P.O.#: 15422

Custody Information

		Date	Time
Collected by:		09/15/09	11:40
Received by:	LB	09/16/09	13:30
Analyzed by:	see "By" below		

Laboratory Data

SDG ID: GAS24790
Phoenix ID: AS24797

Project ID:
Client ID: SB-4 (1-3)

Parameter	Result	RL	Units	Date	Time	By	Reference	
Silver	< 0.36	0.36	mg/Kg	09/17/09		EK	SW6010	
Arsenic	0.9	0.7	mg/Kg	09/17/09		EK	SW6010	
Barium	238	0.37	mg/Kg	09/17/09		LK	SW6010	
Cadmium	< 0.36	0.36	mg/Kg	09/17/09		EK	SW6010	
Chromium	14.3	0.36	mg/Kg	09/17/09		EK	SW6010	
Mercury	< 0.08	0.08	mg/Kg	09/17/09		LK	SW-7471	
Lead	42.7	0.36	mg/Kg	09/17/09		EK	SW6010	
Selenium	< 1.8	1.8	mg/Kg	09/17/09		EK	SW6010	
Percent Solid	90		%	09/16/09		s-JL	E160.3	
Soil Extraction for PCB	Completed			09/16/09		BB/D	SW3545	
Soil Extraction for Pesticide	Completed			09/16/09		BB	SW3545	
Soil Extraction for SVOA	Completed			09/16/09		QS/D	SW3545	
Extraction of CT ETPH	Completed			09/24/09		BS/D	3545	
Mercury Digestion	Completed			09/17/09		K	SW7471	
Soil Extraction for Herbicide	Completed			09/16/09		M/D	SW8151	
SPLP PCB Extraction	Completed			09/17/09		O/O	SW3510/3520	
SPLP Extraction for Organics	Completed			09/16/09		K	EPA1312	
Total Metals Digest	Completed			09/24/09		C/AG	SW846 - 3050	
Field Extraction	Completed			09/15/09		TRC	SW5035	1
SPLP Polychlorinated Biphenyls								
PCB-1016	ND	0.5	ug/L	09/18/09		MH	SW8082	
PCB-1221	ND	0.5	ug/L	09/18/09		MH	SW8082	
PCB-1232	ND	0.5	ug/L	09/18/09		MH	SW8082	
PCB-1242	ND	0.5	ug/L	09/18/09		MH	SW8082	
PCB-1248	ND	0.5	ug/L	09/18/09		MH	SW8082	
PCB-1254	ND	0.5	ug/L	09/18/09		MH	SW8082	
PCB-1260	ND	0.5	ug/L	09/18/09		MH	SW8082	
PCB-1262	ND	0.5	ug/L	09/18/09		MH	SW8082	

Project ID:

Client ID: SB-4 (1-3)

Phoenix I.D.: AS24797

Parameter	Result	RL	Units	Date	Time	By	Reference
PCB-1268	ND	0.5	ug/L	09/18/09		MH	SW8082
QA/QC Surrogates							
%DCBP (Surrogate Rec)	63		%	09/18/09		MH	SW8082
%TCMX (Surrogate Rec)	90		%	09/18/09		MH	SW8082
Chlorinated Herbicides							
2,4,5-T	ND	110	ug/Kg	09/17/09		JRB	SW8151
2,4,5-TP (Silvex)	ND	110	ug/Kg	09/17/09		JRB	SW8151
2,4-D	ND	110	ug/Kg	09/17/09		JRB	SW8151
2,4-DB	ND	1100	ug/Kg	09/17/09		JRB	SW8151
Dalapon	ND	550	ug/Kg	09/17/09		JRB	SW8151
Dicamba	ND	330	ug/Kg	09/17/09		JRB	SW8151
Dichloroprop	ND	110	ug/Kg	09/17/09		JRB	SW8151
Dinoseb	ND	220	ug/Kg	09/17/09		JRB	SW8151
QA/QC Surrogates							
% DCAA	31		%	09/17/09		JRB	SW8151
Volatiles							
1,1,1,2-Tetrachloroethane	ND	4.8	ug/Kg	09/17/09		R/J	SW8260
1,1,1-Trichloroethane	ND	4.8	ug/Kg	09/17/09		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	4.8	ug/Kg	09/17/09		R/J	SW8260
1,1,2-Trichloroethane	ND	4.8	ug/Kg	09/17/09		R/J	SW8260
1,1-Dichloroethane	ND	4.8	ug/Kg	09/17/09		R/J	SW8260
1,1-Dichloroethene	ND	4.8	ug/Kg	09/17/09		R/J	SW8260
1,1-Dichloropropene	ND	4.8	ug/Kg	09/17/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	4.8	ug/Kg	09/17/09		R/J	SW8260
1,2,3-Trichloropropane	ND	4.8	ug/Kg	09/17/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	4.8	ug/Kg	09/17/09		R/J	SW8260
1,2,4-Trimethylbenzene	ND	4.8	ug/Kg	09/17/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	4.8	ug/Kg	09/17/09		R/J	SW8260
1,2-Dichlorobenzene	ND	4.8	ug/Kg	09/17/09		R/J	SW8260
1,2-Dichloroethane	ND	4.8	ug/Kg	09/17/09		R/J	SW8260
1,2-Dichloropropane	ND	4.8	ug/Kg	09/17/09		R/J	SW8260
1,3,5-Trimethylbenzene	ND	4.8	ug/Kg	09/17/09		R/J	SW8260
1,3-Dichlorobenzene	ND	4.8	ug/Kg	09/17/09		R/J	SW8260
1,3-Dichloropropane	ND	4.8	ug/Kg	09/17/09		R/J	SW8260
1,4-Dichlorobenzene	ND	4.8	ug/Kg	09/17/09		R/J	SW8260
2,2-Dichloropropane	ND	4.8	ug/Kg	09/17/09		R/J	SW8260
2-Chlorotoluene	ND	4.8	ug/Kg	09/17/09		R/J	SW8260
2-Hexanone	ND	24	ug/Kg	09/17/09		R/J	SW8260
2-Isopropyltoluene	ND	4.8	ug/Kg	09/17/09		R/J	SW8260
4-Chlorotoluene	ND	4.8	ug/Kg	09/17/09		R/J	SW8260
4-Methyl-2-pentanone	ND	24	ug/Kg	09/17/09		R/J	SW8260
Acetone	ND	97	ug/Kg	09/17/09		R/J	SW8260
Acrylonitrile	ND	4.8	ug/Kg	09/17/09		R/J	SW8260
Benzene	ND	4.8	ug/Kg	09/17/09		R/J	SW8260
Bromobenzene	ND	4.8	ug/Kg	09/17/09		R/J	SW8260
Bromochloromethane	ND	4.8	ug/Kg	09/17/09		R/J	SW8260
Bromodichloromethane	ND	4.8	ug/Kg	09/17/09		R/J	SW8260
Bromoform	ND	4.8	ug/Kg	09/17/09		R/J	SW8260
Bromomethane	ND	4.8	ug/Kg	09/17/09		R/J	SW8260

Project ID:
Client ID: SB-4 (1-3)

Phoenix I.D.: AS24797

Parameter	Result	RL	Units	Date	Time	By	Reference
Carbon Disulfide	ND	4.8	ug/Kg	09/17/09		R/J	SW8260
Carbon tetrachloride	ND	4.8	ug/Kg	09/17/09		R/J	SW8260
Chlorobenzene	ND	4.8	ug/Kg	09/17/09		R/J	SW8260
Chloroethane	ND	4.8	ug/Kg	09/17/09		R/J	SW8260
Chloroform	ND	4.8	ug/Kg	09/17/09		R/J	SW8260
Chloromethane	ND	4.8	ug/Kg	09/17/09		R/J	SW8260
cis-1,2-Dichloroethene	ND	4.8	ug/Kg	09/17/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	4.8	ug/Kg	09/17/09		R/J	SW8260
Dibromochloromethane	ND	4.8	ug/Kg	09/17/09		R/J	SW8260
Dibromoethane	ND	4.8	ug/Kg	09/17/09		R/J	SW8260
Dibromomethane	ND	4.8	ug/Kg	09/17/09		R/J	SW8260
Dichlorodifluoromethane	ND	4.8	ug/Kg	09/17/09		R/J	SW8260
Ethylbenzene	ND	4.8	ug/Kg	09/17/09		R/J	SW8260
Hexachlorobutadiene	ND	4.8	ug/Kg	09/17/09		R/J	SW8260
Isopropylbenzene	ND	4.8	ug/Kg	09/17/09		R/J	SW8260
m&p-Xylene	ND	4.8	ug/Kg	09/17/09		R/J	SW8260
Methyl Ethyl Ketone	ND	29	ug/Kg	09/17/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	9.7	ug/Kg	09/17/09		R/J	SW8260
Methylene chloride	ND	4.8	ug/Kg	09/17/09		R/J	SW8260
Naphthalene	ND	4.8	ug/Kg	09/17/09		R/J	SW8260
n-Butylbenzene	ND	4.8	ug/Kg	09/17/09		R/J	SW8260
n-Propylbenzene	ND	4.8	ug/Kg	09/17/09		R/J	SW8260
o-Xylene	ND	4.8	ug/Kg	09/17/09		R/J	SW8260
p-Isopropyltoluene	ND	4.8	ug/Kg	09/17/09		R/J	SW8260
sec-Butylbenzene	ND	4.8	ug/Kg	09/17/09		R/J	SW8260
Styrene	ND	4.8	ug/Kg	09/17/09		R/J	SW8260
tert-Butylbenzene	ND	4.8	ug/Kg	09/17/09		R/J	SW8260
Tetrachloroethene	ND	4.8	ug/Kg	09/17/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	9.7	ug/Kg	09/17/09		R/J	SW8260
Toluene	ND	4.8	ug/Kg	09/17/09		R/J	SW8260
Total Xylenes	ND	4.8	ug/Kg	09/17/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	4.8	ug/Kg	09/17/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	4.8	ug/Kg	09/17/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	9.7	ug/Kg	09/17/09		R/J	SW8260
Trichloroethene	ND	4.8	ug/Kg	09/17/09		R/J	SW8260
Trichlorofluoromethane	ND	4.8	ug/Kg	09/17/09		R/J	SW8260
Trichlorotrifluoroethane	ND	4.8	ug/Kg	09/17/09		R/J	SW8260
Vinyl chloride	ND	4.8	ug/Kg	09/17/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	105		%	09/17/09		R/J	SW8260
% Bromofluorobenzene	76		%	09/17/09		R/J	SW8260
% Dibromofluoromethane	97		%	09/17/09		R/J	SW8260
% Toluene-d8	93		%	09/17/09		R/J	SW8260
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	370	ug/Kg	09/17/09		HM	SW 8270
1,2,4-Trichlorobenzene	ND	370	ug/Kg	09/17/09		HM	SW 8270
1,2-Dichlorobenzene	ND	370	ug/Kg	09/17/09		HM	SW 8270
1,3-Dichlorobenzene	ND	370	ug/Kg	09/17/09		HM	SW 8270
1,4-Dichlorobenzene	ND	370	ug/Kg	09/17/09		HM	SW 8270
2,4,5-Trichlorophenol	ND	370	ug/Kg	09/17/09		HM	SW 8270

Project ID:

Phoenix I.D.: AS24797

Client ID: SB-4 (1-3)

Parameter	Result	RL	Units	Date	Time	By	Reference
2,4,6-Trichlorophenol	ND	370	ug/Kg	09/17/09		HM	SW 8270
2,4-Dichlorophenol	ND	370	ug/Kg	09/17/09		HM	SW 8270
2,4-Dimethylphenol	ND	370	ug/Kg	09/17/09		HM	SW 8270
2,4-Dinitrophenol	ND	590	ug/Kg	09/17/09		HM	SW 8270
2,4-Dinitrotoluene	ND	370	ug/Kg	09/17/09		HM	SW 8270
2,6-Dinitrotoluene	ND	370	ug/Kg	09/17/09		HM	SW 8270
2-Chloronaphthalene	ND	370	ug/Kg	09/17/09		HM	SW 8270
2-Chlorophenol	ND	370	ug/Kg	09/17/09		HM	SW 8270
2-Methylnaphthalene	ND	370	ug/Kg	09/17/09		HM	SW 8270
2-Methylphenol (o-cresol)	ND	370	ug/Kg	09/17/09		HM	SW 8270
2-Nitroaniline	ND	590	ug/Kg	09/17/09		HM	SW 8270
2-Nitrophenol	ND	370	ug/Kg	09/17/09		HM	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	370	ug/Kg	09/17/09		HM	SW 8270
3,3'-Dichlorobenzidine	ND	440	ug/Kg	09/17/09		HM	SW 8270
3-Nitroaniline	ND	590	ug/Kg	09/17/09		HM	SW 8270
4,6-Dinitro-2-methylphenol	ND	1100	ug/Kg	09/17/09		HM	SW 8270
4-Bromophenyl phenyl ether	ND	370	ug/Kg	09/17/09		HM	SW 8270
4-Chloro-3-methylphenol	ND	440	ug/Kg	09/17/09		HM	SW 8270
4-Chloroaniline	ND	440	ug/Kg	09/17/09		HM	SW 8270
4-Chlorophenyl phenyl ether	ND	370	ug/Kg	09/17/09		HM	SW 8270
4-Nitroaniline	ND	590	ug/Kg	09/17/09		HM	SW 8270
4-Nitrophenol	ND	1100	ug/Kg	09/17/09		HM	SW 8270
Acenaphthene	ND	370	ug/Kg	09/17/09		HM	SW 8270
Acenaphthylene	1800	370	ug/Kg	09/17/09		HM	SW 8270
Acetophenone	ND	370	ug/Kg	09/17/09		HM	SW 8270
Aniline	ND	1100	ug/Kg	09/17/09		HM	SW 8270
Anthracene	940	370	ug/Kg	09/17/09		HM	SW 8270
Azobenzene	ND	370	ug/Kg	09/17/09		HM	SW 8270
Benz(a)anthracene	4400	370	ug/Kg	09/17/09		HM	SW 8270
Benzidine	ND	370	ug/Kg	09/17/09		HM	SW 8270
Benzo(a)pyrene	5500	370	ug/Kg	09/17/09		HM	SW 8270
Benzo(b)fluoranthene	6700	1800	ug/Kg	09/17/09		HM	SW 8270
Benzo(ghi)perylene	2800	370	ug/Kg	09/17/09		HM	SW 8270
Benzo(k)fluoranthene	2700	370	ug/Kg	09/17/09		HM	SW 8270
Benzoic acid	ND	1100	ug/Kg	09/17/09		HM	SW 8270
Benzyl butyl phthalate	ND	370	ug/Kg	09/17/09		HM	SW 8270
Bis(2-chloroethoxy)methane	ND	370	ug/Kg	09/17/09		HM	SW 8270
Bis(2-chloroethyl)ether	ND	370	ug/Kg	09/17/09		HM	SW 8270
Bis(2-chloroisopropyl)ether	ND	370	ug/Kg	09/17/09		HM	SW 8270
Bis(2-ethylhexyl)phthalate	ND	370	ug/Kg	09/17/09		HM	SW 8270
Carbazole	ND	1100	ug/Kg	09/17/09		HM	SW 8270
Chrysene	5300	370	ug/Kg	09/17/09		HM	SW 8270
Dibenz(a,h)anthracene	900	370	ug/Kg	09/17/09		HM	SW 8270
Dibenzofuran	ND	370	ug/Kg	09/17/09		HM	SW 8270
Diethyl phthalate	ND	370	ug/Kg	09/17/09		HM	SW 8270
Dimethylphthalate	ND	370	ug/Kg	09/17/09		HM	SW 8270
Di-n-butylphthalate	ND	370	ug/Kg	09/17/09		HM	SW 8270
Di-n-octylphthalate	ND	370	ug/Kg	09/17/09		HM	SW 8270
Fluoranthene	9600	1800	ug/Kg	09/17/09		HM	SW 8270
Fluorene	ND	370	ug/Kg	09/17/09		HM	SW 8270
Hexachlorobenzene	ND	370	ug/Kg	09/17/09		HM	SW 8270

Project ID:
Client ID: SB-4 (1-3)

Phoenix I.D.: AS24797

Parameter	Result	RL	Units	Date	Time	By	Reference
Hexachlorobutadiene	ND	370	ug/Kg	09/17/09		HM	SW 8270
Hexachlorocyclopentadiene	ND	370	ug/Kg	09/17/09		HM	SW 8270
Hexachloroethane	ND	370	ug/Kg	09/17/09		HM	SW 8270
Indeno(1,2,3-cd)pyrene	2800	370	ug/Kg	09/17/09		HM	SW 8270
Isophorone	ND	370	ug/Kg	09/17/09		HM	SW 8270
Naphthalene	ND	370	ug/Kg	09/17/09		HM	SW 8270
Nitrobenzene	ND	370	ug/Kg	09/17/09		HM	SW 8270
N-Nitrosodimethylamine	ND	370	ug/Kg	09/17/09		HM	SW 8270
N-Nitrosodi-n-propylamine	ND	370	ug/Kg	09/17/09		HM	SW 8270
N-Nitrosodiphenylamine	ND	370	ug/Kg	09/17/09		HM	SW 8270
Pentachloronitrobenzene	ND	370	ug/Kg	09/17/09		HM	SW 8270
Pentachlorophenol	ND	370	ug/Kg	09/17/09		HM	SW 8270
Phenanthrene	4600	370	ug/Kg	09/17/09		HM	SW 8270
Phenol	ND	370	ug/Kg	09/17/09		HM	SW 8270
Pyrene	8100	1800	ug/Kg	09/17/09		HM	SW 8270
Pyridine	ND	370	ug/Kg	09/17/09		HM	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	111		%	09/17/09		HM	SW 8270
% 2-Fluorobiphenyl	74		%	09/17/09		HM	SW 8270
% 2-Fluorophenol	86		%	09/17/09		HM	SW 8270
% Nitrobenzene-d5	85		%	09/17/09		HM	SW 8270
% Phenol-d5	90		%	09/17/09		HM	SW 8270
% Terphenyl-d14	94		%	09/17/09		HM	SW 8270
TPH by GC (Extractable Products)							
Ext. Petroleum HC	420	11	mg/Kg	09/25/09		KCA	CT ETPH
Identification	**		mg/Kg	09/25/09		KCA	CT ETPH
QA/QC Surrogates							
% n-Pentacosane	85		%	09/25/09		KCA	CT ETPH
Polychlorinated Biphenyls							
PCB-1016	ND	370	ug/Kg	09/17/09		MH	SW 8082
PCB-1221	ND	370	ug/Kg	09/17/09		MH	SW 8082
PCB-1232	ND	370	ug/Kg	09/17/09		MH	SW 8082
PCB-1242	ND	370	ug/Kg	09/17/09		MH	SW 8082
PCB-1248	ND	370	ug/Kg	09/17/09		MH	SW 8082
PCB-1254	ND	370	ug/Kg	09/17/09		MH	SW 8082
PCB-1260	ND	370	ug/Kg	09/17/09		MH	SW 8082
PCB-1262	ND	370	ug/Kg	09/17/09		MH	SW 8082
PCB-1268	ND	370	ug/Kg	09/17/09		MH	SW 8082
QA/QC Surrogates							
% DCBP	70		%	09/17/09		MH	SW 8082
% TCMX	76		%	09/17/09		MH	SW 8082
Pesticides							
4,4' -DDD	ND	35	ug/Kg	09/17/09		MH	SW8081
4,4' -DDE	ND	35	ug/Kg	09/17/09		MH	SW8081
4,4' -DDT	ND	35	ug/Kg	09/17/09		MH	SW8081
a-BHC	ND	18	ug/Kg	09/17/09		MH	SW8081
Alachlor	ND	18	ug/Kg	09/17/09		MH	SW8081
Aldrin	ND	5.5	ug/Kg	09/17/09		MH	SW8081

Project ID:
Client ID: SB-4 (1-3)

Phoenix I.D.: AS24797

Parameter	Result	RL	Units	Date	Time	By	Reference
b-BHC	ND	18	ug/Kg	09/17/09		MH	SW8081
Chlordane	ND	55	ug/Kg	09/17/09		MH	SW8081
d-BHC	ND	18	ug/Kg	09/17/09		MH	SW8081
Dieldrin	ND	5.5	ug/Kg	09/17/09		MH	SW8081
Endosulfan I	ND	18	ug/Kg	09/17/09		MH	SW8081
Endosulfan II	ND	35	ug/Kg	09/17/09		MH	SW8081
Endosulfan sulfate	ND	35	ug/Kg	09/17/09		MH	SW8081
Endrin	ND	35	ug/Kg	09/17/09		MH	SW8081
Endrin aldehyde	ND	35	ug/Kg	09/17/09		MH	SW8081
Endrin ketone	ND	35	ug/Kg	09/17/09		MH	SW8081
g-BHC	ND	18	ug/Kg	09/17/09		MH	SW8081
Heptachlor	ND	11	ug/Kg	09/17/09		MH	SW8081
Heptachlor epoxide	ND	18	ug/Kg	09/17/09		MH	SW8081
Methoxychlor	ND	180	ug/Kg	09/17/09		MH	SW8081
Toxaphene	ND	180	ug/Kg	09/17/09		MH	SW8081
QA/QC Surrogates							
% DCBP	80		%	09/17/09		MH	SW8081
% TCMX	76		%	09/17/09		MH	SW8081

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters.

Comments:

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

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

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

Phyllis Shiller, Laboratory Director
October 01, 2009

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac
NY # 11301

Analysis Report

October 01, 2009

FOR: Attn: Ms. Marya Mahoney
TRC Environmental Corp.
21 Griffen Rd North
Windsor, CT 06095

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		09/15/09	11:41
Location Code:	TRC	Received by:	LB	09/16/09	13:30
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	15422				

Laboratory Data

SDG ID: GAS24790
Phoenix ID: AS24798

Project ID:

Client ID: SB-4A (1-3)

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.40	0.40	mg/Kg	09/17/09		EK	SW6010
Arsenic	1.2	0.8	mg/Kg	09/17/09		EK	SW6010
Barium	366	0.36	mg/Kg	09/26/09		LK	SW6010
Cadmium	< 0.40	0.40	mg/Kg	09/17/09		EK	SW6010
Chromium	12.9	0.40	mg/Kg	09/17/09		EK	SW6010
Mercury	0.20	0.08	mg/Kg	09/17/09		LK	SW-7471
Lead	49.9	0.40	mg/Kg	09/17/09		EK	SW6010
Selenium	< 2.0	2.0	mg/Kg	09/17/09		EK	SW6010
Percent Solid	90		%	09/16/09		s-JL	E160.3
Soil Extraction for PCB	Completed			09/16/09		BB/D	SW3545
Soil Extraction for Pesticide	Completed			09/16/09		BB	SW3545
Soil Extraction for SVOA	Completed			09/16/09		QS/D	SW3545
Extraction of CT ETPH	Completed			09/16/09		QS/D	3545
Mercury Digestion	Completed			09/17/09		K	SW7471
Soil Extraction for Herbicide	Completed			09/16/09		M/D	SW8151
Total Metals Digest	Completed			09/24/09		C/AG	SW846 - 3050
Field Extraction	Completed			09/15/09		TRC	SW5035
Chlorinated Herbicides							
2,4,5-T	ND	110	ug/Kg	09/17/09		JRB	SW8151
2,4,5-TP (Silvex)	ND	110	ug/Kg	09/17/09		JRB	SW8151
2,4-D	ND	110	ug/Kg	09/17/09		JRB	SW8151
2,4-DB	ND	1100	ug/Kg	09/17/09		JRB	SW8151
Dalapon	ND	550	ug/Kg	09/17/09		JRB	SW8151
Dicamba	ND	330	ug/Kg	09/17/09		JRB	SW8151
Dichloroprop	ND	110	ug/Kg	09/17/09		JRB	SW8151
Dinoseb	ND	220	ug/Kg	09/17/09		JRB	SW8151
QA/QC Surrogates							
% DCAA	62		%	09/17/09		JRB	SW8151

Project ID:
Client ID: SB-4A (1-3)

Phoenix I.D.: AS24798

Parameter	Result	RL	Units	Date	Time	By	Reference
Volatiles							
1,1,1,2-Tetrachloroethane	ND	4.7	ug/Kg	09/17/09		R/J	SW8260
1,1,1-Trichloroethane	ND	4.7	ug/Kg	09/17/09		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	4.7	ug/Kg	09/17/09		R/J	SW8260
1,1,2-Trichloroethane	ND	4.7	ug/Kg	09/17/09		R/J	SW8260
1,1-Dichloroethane	ND	4.7	ug/Kg	09/17/09		R/J	SW8260
1,1-Dichloroethene	ND	4.7	ug/Kg	09/17/09		R/J	SW8260
1,1-Dichloropropene	ND	4.7	ug/Kg	09/17/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	4.7	ug/Kg	09/17/09		R/J	SW8260
1,2,3-Trichloropropane	ND	4.7	ug/Kg	09/17/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	4.7	ug/Kg	09/17/09		R/J	SW8260
1,2,4-Trimethylbenzene	ND	4.7	ug/Kg	09/17/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	4.7	ug/Kg	09/17/09		R/J	SW8260
1,2-Dichlorobenzene	ND	4.7	ug/Kg	09/17/09		R/J	SW8260
1,2-Dichloroethane	ND	4.7	ug/Kg	09/17/09		R/J	SW8260
1,2-Dichloropropane	ND	4.7	ug/Kg	09/17/09		R/J	SW8260
1,3,5-Trimethylbenzene	ND	4.7	ug/Kg	09/17/09		R/J	SW8260
1,3-Dichlorobenzene	ND	4.7	ug/Kg	09/17/09		R/J	SW8260
1,3-Dichloropropane	ND	4.7	ug/Kg	09/17/09		R/J	SW8260
1,4-Dichlorobenzene	ND	4.7	ug/Kg	09/17/09		R/J	SW8260
2,2-Dichloropropane	ND	4.7	ug/Kg	09/17/09		R/J	SW8260
2-Chlorotoluene	ND	4.7	ug/Kg	09/17/09		R/J	SW8260
2-Hexanone	ND	24	ug/Kg	09/17/09		R/J	SW8260
2-Isopropyltoluene	ND	4.7	ug/Kg	09/17/09		R/J	SW8260
4-Chlorotoluene	ND	4.7	ug/Kg	09/17/09		R/J	SW8260
4-Methyl-2-pentanone	ND	24	ug/Kg	09/17/09		R/J	SW8260
Acetone	ND	94	ug/Kg	09/17/09		R/J	SW8260
Acrylonitrile	ND	4.7	ug/Kg	09/17/09		R/J	SW8260
Benzene	ND	4.7	ug/Kg	09/17/09		R/J	SW8260
Bromobenzene	ND	4.7	ug/Kg	09/17/09		R/J	SW8260
Bromochloromethane	ND	4.7	ug/Kg	09/17/09		R/J	SW8260
Bromodichloromethane	ND	4.7	ug/Kg	09/17/09		R/J	SW8260
Bromoform	ND	4.7	ug/Kg	09/17/09		R/J	SW8260
Bromomethane	ND	4.7	ug/Kg	09/17/09		R/J	SW8260
Carbon Disulfide	ND	4.7	ug/Kg	09/17/09		R/J	SW8260
Carbon tetrachloride	ND	4.7	ug/Kg	09/17/09		R/J	SW8260
Chlorobenzene	ND	4.7	ug/Kg	09/17/09		R/J	SW8260
Chloroethane	ND	4.7	ug/Kg	09/17/09		R/J	SW8260
Chloroform	ND	4.7	ug/Kg	09/17/09		R/J	SW8260
Chloromethane	ND	4.7	ug/Kg	09/17/09		R/J	SW8260
cis-1,2-Dichloroethene	ND	4.7	ug/Kg	09/17/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	4.7	ug/Kg	09/17/09		R/J	SW8260
Dibromochloromethane	ND	4.7	ug/Kg	09/17/09		R/J	SW8260
Dibromoethane	ND	4.7	ug/Kg	09/17/09		R/J	SW8260
Dibromomethane	ND	4.7	ug/Kg	09/17/09		R/J	SW8260
Dichlorodifluoromethane	ND	4.7	ug/Kg	09/17/09		R/J	SW8260
Ethylbenzene	ND	4.7	ug/Kg	09/17/09		R/J	SW8260
Hexachlorobutadiene	ND	4.7	ug/Kg	09/17/09		R/J	SW8260
Isopropylbenzene	ND	4.7	ug/Kg	09/17/09		R/J	SW8260
m&p-Xylene	ND	4.7	ug/Kg	09/17/09		R/J	SW8260

Project ID:

Client ID: SB-4A (1-3)

Phoenix I.D.: AS24798

Parameter	Result	RL	Units	Date	Time	By	Reference
Methyl Ethyl Ketone	ND	28	ug/Kg	09/17/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	9.4	ug/Kg	09/17/09		R/J	SW8260
Methylene chloride	ND	4.7	ug/Kg	09/17/09		R/J	SW8260
Naphthalene	ND	4.7	ug/Kg	09/17/09		R/J	SW8260
n-Butylbenzene	ND	4.7	ug/Kg	09/17/09		R/J	SW8260
n-Propylbenzene	ND	4.7	ug/Kg	09/17/09		R/J	SW8260
o-Xylene	ND	4.7	ug/Kg	09/17/09		R/J	SW8260
p-Isopropyltoluene	ND	4.7	ug/Kg	09/17/09		R/J	SW8260
sec-Butylbenzene	ND	4.7	ug/Kg	09/17/09		R/J	SW8260
Styrene	ND	4.7	ug/Kg	09/17/09		R/J	SW8260
tert-Butylbenzene	ND	4.7	ug/Kg	09/17/09		R/J	SW8260
Tetrachloroethene	ND	4.7	ug/Kg	09/17/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	9.4	ug/Kg	09/17/09		R/J	SW8260
Toluene	ND	4.7	ug/Kg	09/17/09		R/J	SW8260
Total Xylenes	ND	4.7	ug/Kg	09/17/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	4.7	ug/Kg	09/17/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	4.7	ug/Kg	09/17/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	9.4	ug/Kg	09/17/09		R/J	SW8260
Trichloroethene	ND	4.7	ug/Kg	09/17/09		R/J	SW8260
Trichlorofluoromethane	ND	4.7	ug/Kg	09/17/09		R/J	SW8260
Trichlorotrifluoroethane	ND	4.7	ug/Kg	09/17/09		R/J	SW8260
Vinyl chloride	ND	4.7	ug/Kg	09/17/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	111		%	09/17/09		R/J	SW8260
% Bromofluorobenzene	69		%	09/17/09		R/J	SW8260
% Dibromofluoromethane	94		%	09/17/09		R/J	SW8260
% Toluene-d8	87		%	09/17/09		R/J	SW8260
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	370	ug/Kg	09/17/09		HM	SW 8270
1,2,4-Trichlorobenzene	ND	370	ug/Kg	09/17/09		HM	SW 8270
1,2-Dichlorobenzene	ND	370	ug/Kg	09/17/09		HM	SW 8270
1,3-Dichlorobenzene	ND	370	ug/Kg	09/17/09		HM	SW 8270
1,4-Dichlorobenzene	ND	370	ug/Kg	09/17/09		HM	SW 8270
2,4,5-Trichlorophenol	ND	370	ug/Kg	09/17/09		HM	SW 8270
2,4,6-Trichlorophenol	ND	370	ug/Kg	09/17/09		HM	SW 8270
2,4-Dichlorophenol	ND	370	ug/Kg	09/17/09		HM	SW 8270
2,4-Dimethylphenol	ND	370	ug/Kg	09/17/09		HM	SW 8270
2,4-Dinitrophenol	ND	590	ug/Kg	09/17/09		HM	SW 8270
2,4-Dinitrotoluene	ND	370	ug/Kg	09/17/09		HM	SW 8270
2,6-Dinitrotoluene	ND	370	ug/Kg	09/17/09		HM	SW 8270
2-Chloronaphthalene	ND	370	ug/Kg	09/17/09		HM	SW 8270
2-Chlorophenol	ND	370	ug/Kg	09/17/09		HM	SW 8270
2-Methylnaphthalene	ND	370	ug/Kg	09/17/09		HM	SW 8270
2-Methylphenol (o-cresol)	ND	370	ug/Kg	09/17/09		HM	SW 8270
2-Nitroaniline	ND	590	ug/Kg	09/17/09		HM	SW 8270
2-Nitrophenol	ND	370	ug/Kg	09/17/09		HM	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	370	ug/Kg	09/17/09		HM	SW 8270
3,3'-Dichlorobenzidine	ND	440	ug/Kg	09/17/09		HM	SW 8270
3-Nitroaniline	ND	590	ug/Kg	09/17/09		HM	SW 8270
4,6-Dinitro-2-methylphenol	ND	1100	ug/Kg	09/17/09		HM	SW 8270

Project ID:

Phoenix I.D.: AS24798

Client ID: SB-4A (1-3)

Parameter	Result	RL	Units	Date	Time	By	Reference
4-Bromophenyl phenyl ether	ND	370	ug/Kg	09/17/09		HM	SW 8270
4-Chloro-3-methylphenol	ND	440	ug/Kg	09/17/09		HM	SW 8270
4-Chloroaniline	ND	440	ug/Kg	09/17/09		HM	SW 8270
4-Chlorophenyl phenyl ether	ND	370	ug/Kg	09/17/09		HM	SW 8270
4-Nitroaniline	ND	590	ug/Kg	09/17/09		HM	SW 8270
4-Nitrophenol	ND	1100	ug/Kg	09/17/09		HM	SW 8270
Acenaphthene	ND	370	ug/Kg	09/17/09		HM	SW 8270
Acenaphthylene	2000	370	ug/Kg	09/17/09		HM	SW 8270
Acetophenone	ND	370	ug/Kg	09/17/09		HM	SW 8270
Aniline	ND	1100	ug/Kg	09/17/09		HM	SW 8270
Anthracene	1200	370	ug/Kg	09/17/09		HM	SW 8270
Azobenzene	ND	370	ug/Kg	09/17/09		HM	SW 8270
Benz(a)anthracene	5900	1800	ug/Kg	09/17/09		HM	SW 8270
Benzidine	ND	370	ug/Kg	09/17/09		HM	SW 8270
Benzo(a)pyrene	6000	1800	ug/Kg	09/17/09		HM	SW 8270
Benzo(b)fluoranthene	7800	1800	ug/Kg	09/17/09		HM	SW 8270
Benzo(ghi)perylene	2500	370	ug/Kg	09/17/09		HM	SW 8270
Benzo(k)fluoranthene	2900	370	ug/Kg	09/17/09		HM	SW 8270
Benzoic acid	ND	1100	ug/Kg	09/17/09		HM	SW 8270
Benzyl butyl phthalate	ND	370	ug/Kg	09/17/09		HM	SW 8270
Bis(2-chloroethoxy)methane	ND	370	ug/Kg	09/17/09		HM	SW 8270
Bis(2-chloroethyl)ether	ND	370	ug/Kg	09/17/09		HM	SW 8270
Bis(2-chloroisopropyl)ether	ND	370	ug/Kg	09/17/09		HM	SW 8270
Bis(2-ethylhexyl)phthalate	ND	370	ug/Kg	09/17/09		HM	SW 8270
Carbazole	ND	1100	ug/Kg	09/17/09		HM	SW 8270
Chrysene	5900	1800	ug/Kg	09/17/09		HM	SW 8270
Dibenz(a,h)anthracene	830	370	ug/Kg	09/17/09		HM	SW 8270
Dibenzofuran	ND	370	ug/Kg	09/17/09		HM	SW 8270
Diethyl phthalate	ND	370	ug/Kg	09/17/09		HM	SW 8270
Dimethylphthalate	ND	370	ug/Kg	09/17/09		HM	SW 8270
Di-n-butylphthalate	ND	370	ug/Kg	09/17/09		HM	SW 8270
Di-n-octylphthalate	ND	370	ug/Kg	09/17/09		HM	SW 8270
Fluoranthene	12000	1800	ug/Kg	09/17/09		HM	SW 8270
Fluorene	ND	370	ug/Kg	09/17/09		HM	SW 8270
Hexachlorobenzene	ND	370	ug/Kg	09/17/09		HM	SW 8270
Hexachlorobutadiene	ND	370	ug/Kg	09/17/09		HM	SW 8270
Hexachlorocyclopentadiene	ND	370	ug/Kg	09/17/09		HM	SW 8270
Hexachloroethane	ND	370	ug/Kg	09/17/09		HM	SW 8270
Indeno(1,2,3-cd)pyrene	2600	370	ug/Kg	09/17/09		HM	SW 8270
Isophorone	ND	370	ug/Kg	09/17/09		HM	SW 8270
Naphthalene	ND	370	ug/Kg	09/17/09		HM	SW 8270
Nitrobenzene	ND	370	ug/Kg	09/17/09		HM	SW 8270
N-Nitrosodimethylamine	ND	370	ug/Kg	09/17/09		HM	SW 8270
N-Nitrosodi-n-propylamine	ND	370	ug/Kg	09/17/09		HM	SW 8270
N-Nitrosodiphenylamine	ND	370	ug/Kg	09/17/09		HM	SW 8270
Pentachloronitrobenzene	ND	370	ug/Kg	09/17/09		HM	SW 8270
Pentachlorophenol	ND	370	ug/Kg	09/17/09		HM	SW 8270
Phenanthrene	4900	370	ug/Kg	09/17/09		HM	SW 8270
Phenol	ND	370	ug/Kg	09/17/09		HM	SW 8270
Pyrene	11000	1800	ug/Kg	09/17/09		HM	SW 8270
Pyridine	ND	370	ug/Kg	09/17/09		HM	SW 8270

Project ID:

Phoenix I.D.: AS24798

Client ID: SB-4A (1-3)

Parameter	Result	RL	Units	Date	Time	By	Reference
QA/QC Surrogates							
% 2,4,6-Tribromophenol	103		%	09/17/09		HM	SW 8270
% 2-Fluorobiphenyl	70		%	09/17/09		HM	SW 8270
% 2-Fluorophenol	76		%	09/17/09		HM	SW 8270
% Nitrobenzene-d5	74		%	09/17/09		HM	SW 8270
% Phenol-d5	74		%	09/17/09		HM	SW 8270
% Terphenyl-d14	74		%	09/17/09		HM	SW 8270
TPH by GC (Extractable Products)							
Ext. Petroleum HC	250	11	mg/Kg	09/21/09		KCA	CT ETPH
Identification	**		mg/Kg	09/21/09		KCA	CT ETPH
QA/QC Surrogates							
% n-Pentacosane	61		%	09/21/09		KCA	CT ETPH
Polychlorinated Biphenyls							
PCB-1016	ND	360	ug/Kg	09/17/09		MH	SW 8082
PCB-1221	ND	360	ug/Kg	09/17/09		MH	SW 8082
PCB-1232	ND	360	ug/Kg	09/17/09		MH	SW 8082
PCB-1242	ND	360	ug/Kg	09/17/09		MH	SW 8082
PCB-1248	ND	360	ug/Kg	09/17/09		MH	SW 8082
PCB-1254	ND	360	ug/Kg	09/17/09		MH	SW 8082
PCB-1260	ND	360	ug/Kg	09/17/09		MH	SW 8082
PCB-1262	ND	360	ug/Kg	09/17/09		MH	SW 8082
PCB-1268	ND	360	ug/Kg	09/17/09		MH	SW 8082
QA/QC Surrogates							
% DCBP	88		%	09/17/09		MH	SW 8082
% TCMX	85		%	09/17/09		MH	SW 8082
Pesticides							
4,4' -DDD	ND	35	ug/Kg	09/17/09		MH	SW8081
4,4' -DDE	ND	35	ug/Kg	09/17/09		MH	SW8081
4,4' -DDT	ND	35	ug/Kg	09/17/09		MH	SW8081
a-BHC	ND	18	ug/Kg	09/17/09		MH	SW8081
Alachlor	ND	18	ug/Kg	09/17/09		MH	SW8081
Aldrin	ND	5.5	ug/Kg	09/17/09		MH	SW8081
b-BHC	ND	18	ug/Kg	09/17/09		MH	SW8081
Chlordane	ND	55	ug/Kg	09/17/09		MH	SW8081
d-BHC	ND	18	ug/Kg	09/17/09		MH	SW8081
Dieldrin	ND	5.5	ug/Kg	09/17/09		MH	SW8081
Endosulfan I	ND	18	ug/Kg	09/17/09		MH	SW8081
Endosulfan II	ND	35	ug/Kg	09/17/09		MH	SW8081
Endosulfan sulfate	ND	35	ug/Kg	09/17/09		MH	SW8081
Endrin	ND	35	ug/Kg	09/17/09		MH	SW8081
Endrin aldehyde	ND	35	ug/Kg	09/17/09		MH	SW8081
Endrin ketone	ND	35	ug/Kg	09/17/09		MH	SW8081
g-BHC	ND	18	ug/Kg	09/17/09		MH	SW8081
Heptachlor	ND	11	ug/Kg	09/17/09		MH	SW8081
Heptachlor epoxide	ND	18	ug/Kg	09/17/09		MH	SW8081
Methoxychlor	ND	180	ug/Kg	09/17/09		MH	SW8081
Toxaphene	ND	180	ug/Kg	09/17/09		MH	SW8081
QA/QC Surrogates							

Project ID:

Phoenix I.D.: AS24798

Client ID: SB-4A (1-3)

Parameter	Result	RL	Units	Date	Time	By	Reference
% DCBP	105		%	09/17/09		MH	SW8081
% TCMX	88		%	09/17/09		MH	SW8081

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters.

Comments:

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

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

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

Phyllis Shiller

Phyllis Shiller, Laboratory Director

October 01, 2009

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 01, 2009

FOR: Attn: Ms. Marya Mahoney
TRC Environmental Corp.
21 Griffen Rd North
Windsor, CT 06095

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		09/15/09	12:00
Location Code:	TRC	Received by:	LB	09/16/09	13:30
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	15422				

Laboratory Data

SDG ID: GAS24790
Phoenix ID: AS24799

Project ID:

Client ID: SB-4 (4-6)

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.38	0.38	mg/Kg	09/17/09		EK	SW6010
Arsenic	< 0.8	0.8	mg/Kg	09/17/09		EK	SW6010
Barium	143	0.38	mg/Kg	09/17/09		EK	SW6010
Cadmium	< 0.38	0.38	mg/Kg	09/17/09		EK	SW6010
Chromium	15.7	0.38	mg/Kg	09/17/09		EK	SW6010
Mercury	< 0.07	0.07	mg/Kg	09/17/09		LK	SW-7471
Lead	9.07	0.38	mg/Kg	09/17/09		EK	SW6010
Selenium	< 1.9	1.9	mg/Kg	09/17/09		EK	SW6010
Percent Solid	89		%	09/16/09		s-JL	E160.3
Soil Extraction for PCB	Completed			09/16/09		BB/D	SW3545
Soil Extraction for Pesticide	Completed			09/16/09		BB	SW3545
Soil Extraction for SVOA	Completed			09/16/09		QS/D	SW3545
Extraction of CT ETPH	Completed			09/16/09		QS/D	3545
Mercury Digestion	Completed			09/17/09		K	SW7471
Soil Extraction for Herbicide	Completed			09/16/09		M/D	SW8151
SPLP PCB Extraction	Completed			09/17/09		O/O	SW3510/3520
SPLP Extraction for Organics	Completed			09/16/09		K	EPA1312
Total Metals Digest	Completed			09/16/09		AG/C	SW846 - 3050
Field Extraction	Completed			09/15/09		TRC	SW5035
SPLP Polychlorinated Biphenyls							
PCB-1016	ND	0.5	ug/L	09/18/09		MH	SW8082
PCB-1221	ND	0.5	ug/L	09/18/09		MH	SW8082
PCB-1232	ND	0.5	ug/L	09/18/09		MH	SW8082
PCB-1242	ND	0.5	ug/L	09/18/09		MH	SW8082
PCB-1248	ND	0.5	ug/L	09/18/09		MH	SW8082
PCB-1254	ND	0.5	ug/L	09/18/09		MH	SW8082
PCB-1260	ND	0.5	ug/L	09/18/09		MH	SW8082
PCB-1262	ND	0.5	ug/L	09/18/09		MH	SW8082

Project ID:

Phoenix I.D.: AS24799

Client ID: SB-4 (4-6)

Parameter	Result	RL	Units	Date	Time	By	Reference
PCB-1268	ND	0.5	ug/L	09/18/09		MH	SW8082
QA/QC Surrogates							
%DCBP (Surrogate Rec)	<30***		%	09/18/09		MH	SW8082
%TCMX (Surrogate Rec)	88		%	09/18/09		MH	SW8082
Chlorinated Herbicides							
2,4,5-T	ND	220	ug/Kg	09/23/09		KCA	SW8151
2,4,5-TP (Silvex)	ND	220	ug/Kg	09/23/09		KCA	SW8151
2,4-D	ND	220	ug/Kg	09/23/09		KCA	SW8151
2,4-DB	ND	2200	ug/Kg	09/23/09		KCA	SW8151
Dalapon	ND	1100	ug/Kg	09/23/09		KCA	SW8151
Dicamba	ND	660	ug/Kg	09/23/09		KCA	SW8151
Dichloroprop	ND	220	ug/Kg	09/23/09		KCA	SW8151
Dinoseb	ND	440	ug/Kg	09/23/09		KCA	SW8151
QA/QC Surrogates							
% DCAA	39		%	09/23/09		KCA	SW8151
Volatiles							
1,1,1,2-Tetrachloroethane	ND	4.4	ug/Kg	09/17/09		R/J	SW8260
1,1,1-Trichloroethane	ND	4.4	ug/Kg	09/17/09		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	4.4	ug/Kg	09/17/09		R/J	SW8260
1,1,2-Trichloroethane	ND	4.4	ug/Kg	09/17/09		R/J	SW8260
1,1-Dichloroethane	ND	4.4	ug/Kg	09/17/09		R/J	SW8260
1,1-Dichloroethene	ND	4.4	ug/Kg	09/17/09		R/J	SW8260
1,1-Dichloropropene	ND	4.4	ug/Kg	09/17/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	4.4	ug/Kg	09/17/09		R/J	SW8260
1,2,3-Trichloropropane	ND	4.4	ug/Kg	09/17/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	4.4	ug/Kg	09/17/09		R/J	SW8260
1,2,4-Trimethylbenzene	ND	4.4	ug/Kg	09/17/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	4.4	ug/Kg	09/17/09		R/J	SW8260
1,2-Dichlorobenzene	ND	4.4	ug/Kg	09/17/09		R/J	SW8260
1,2-Dichloroethane	ND	4.4	ug/Kg	09/17/09		R/J	SW8260
1,2-Dichloropropane	ND	4.4	ug/Kg	09/17/09		R/J	SW8260
1,3,5-Trimethylbenzene	ND	4.4	ug/Kg	09/17/09		R/J	SW8260
1,3-Dichlorobenzene	ND	4.4	ug/Kg	09/17/09		R/J	SW8260
1,3-Dichloropropane	ND	4.4	ug/Kg	09/17/09		R/J	SW8260
1,4-Dichlorobenzene	ND	4.4	ug/Kg	09/17/09		R/J	SW8260
2,2-Dichloropropane	ND	4.4	ug/Kg	09/17/09		R/J	SW8260
2-Chlorotoluene	ND	4.4	ug/Kg	09/17/09		R/J	SW8260
2-Hexanone	ND	22	ug/Kg	09/17/09		R/J	SW8260
2-Isopropyltoluene	ND	4.4	ug/Kg	09/17/09		R/J	SW8260
4-Chlorotoluene	ND	4.4	ug/Kg	09/17/09		R/J	SW8260
4-Methyl-2-pentanone	ND	22	ug/Kg	09/17/09		R/J	SW8260
Acetone	ND	88	ug/Kg	09/17/09		R/J	SW8260
Acrylonitrile	ND	4.4	ug/Kg	09/17/09		R/J	SW8260
Benzene	ND	4.4	ug/Kg	09/17/09		R/J	SW8260
Bromobenzene	ND	4.4	ug/Kg	09/17/09		R/J	SW8260
Bromochloromethane	ND	4.4	ug/Kg	09/17/09		R/J	SW8260
Bromodichloromethane	ND	4.4	ug/Kg	09/17/09		R/J	SW8260
Bromoform	ND	4.4	ug/Kg	09/17/09		R/J	SW8260
Bromomethane	ND	4.4	ug/Kg	09/17/09		R/J	SW8260

Project ID:

Phoenix I.D.: AS24799

Client ID: SB-4 (4-6)

Parameter	Result	RL	Units	Date	Time	By	Reference
Carbon Disulfide	ND	4.4	ug/Kg	09/17/09		R/J	SW8260
Carbon tetrachloride	ND	4.4	ug/Kg	09/17/09		R/J	SW8260
Chlorobenzene	ND	4.4	ug/Kg	09/17/09		R/J	SW8260
Chloroethane	ND	4.4	ug/Kg	09/17/09		R/J	SW8260
Chloroform	ND	4.4	ug/Kg	09/17/09		R/J	SW8260
Chloromethane	ND	4.4	ug/Kg	09/17/09		R/J	SW8260
cis-1,2-Dichloroethene	ND	4.4	ug/Kg	09/17/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	4.4	ug/Kg	09/17/09		R/J	SW8260
Dibromochloromethane	ND	4.4	ug/Kg	09/17/09		R/J	SW8260
Dibromoethane	ND	4.4	ug/Kg	09/17/09		R/J	SW8260
Dibromomethane	ND	4.4	ug/Kg	09/17/09		R/J	SW8260
Dichlorodifluoromethane	ND	4.4	ug/Kg	09/17/09		R/J	SW8260
Ethylbenzene	ND	4.4	ug/Kg	09/17/09		R/J	SW8260
Hexachlorobutadiene	ND	4.4	ug/Kg	09/17/09		R/J	SW8260
Isopropylbenzene	ND	4.4	ug/Kg	09/17/09		R/J	SW8260
m&p-Xylene	ND	4.4	ug/Kg	09/17/09		R/J	SW8260
Methyl Ethyl Ketone	ND	26	ug/Kg	09/17/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	8.8	ug/Kg	09/17/09		R/J	SW8260
Methylene chloride	ND	4.4	ug/Kg	09/17/09		R/J	SW8260
Naphthalene	ND	4.4	ug/Kg	09/17/09		R/J	SW8260
n-Butylbenzene	ND	4.4	ug/Kg	09/17/09		R/J	SW8260
n-Propylbenzene	ND	4.4	ug/Kg	09/17/09		R/J	SW8260
o-Xylene	ND	4.4	ug/Kg	09/17/09		R/J	SW8260
p-Isopropyltoluene	ND	4.4	ug/Kg	09/17/09		R/J	SW8260
sec-Butylbenzene	ND	4.4	ug/Kg	09/17/09		R/J	SW8260
Styrene	ND	4.4	ug/Kg	09/17/09		R/J	SW8260
tert-Butylbenzene	ND	4.4	ug/Kg	09/17/09		R/J	SW8260
Tetrachloroethene	ND	4.4	ug/Kg	09/17/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	8.8	ug/Kg	09/17/09		R/J	SW8260
Toluene	ND	4.4	ug/Kg	09/17/09		R/J	SW8260
Total Xylenes	ND	4.4	ug/Kg	09/17/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	4.4	ug/Kg	09/17/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	4.4	ug/Kg	09/17/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	8.8	ug/Kg	09/17/09		R/J	SW8260
Trichloroethene	ND	4.4	ug/Kg	09/17/09		R/J	SW8260
Trichlorofluoromethane	ND	4.4	ug/Kg	09/17/09		R/J	SW8260
Trichlorotrifluoroethane	ND	4.4	ug/Kg	09/17/09		R/J	SW8260
Vinyl chloride	ND	4.4	ug/Kg	09/17/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	101		%	09/17/09		R/J	SW8260
% Bromofluorobenzene	88		%	09/17/09		R/J	SW8260
% Dibromofluoromethane	89		%	09/17/09		R/J	SW8260
% Toluene-d8	96		%	09/17/09		R/J	SW8260
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	370	ug/Kg	09/17/09		HM	SW 8270
1,2,4-Trichlorobenzene	ND	370	ug/Kg	09/17/09		HM	SW 8270
1,2-Dichlorobenzene	ND	370	ug/Kg	09/17/09		HM	SW 8270
1,3-Dichlorobenzene	ND	370	ug/Kg	09/17/09		HM	SW 8270
1,4-Dichlorobenzene	ND	370	ug/Kg	09/17/09		HM	SW 8270
2,4,5-Trichlorophenol	ND	370	ug/Kg	09/17/09		HM	SW 8270

Project ID:

Phoenix I.D.: AS24799

Client ID: SB-4 (4-6)

Parameter	Result	RL	Units	Date	Time	By	Reference
2,4,6-Trichlorophenol	ND	370	ug/Kg	09/17/09		HM	SW 8270
2,4-Dichlorophenol	ND	370	ug/Kg	09/17/09		HM	SW 8270
2,4-Dimethylphenol	ND	370	ug/Kg	09/17/09		HM	SW 8270
2,4-Dinitrophenol	ND	590	ug/Kg	09/17/09		HM	SW 8270
2,4-Dinitrotoluene	ND	370	ug/Kg	09/17/09		HM	SW 8270
2,6-Dinitrotoluene	ND	370	ug/Kg	09/17/09		HM	SW 8270
2-Chloronaphthalene	ND	370	ug/Kg	09/17/09		HM	SW 8270
2-Chlorophenol	ND	370	ug/Kg	09/17/09		HM	SW 8270
2-Methylnaphthalene	ND	370	ug/Kg	09/17/09		HM	SW 8270
2-Methylphenol (o-cresol)	ND	370	ug/Kg	09/17/09		HM	SW 8270
2-Nitroaniline	ND	590	ug/Kg	09/17/09		HM	SW 8270
2-Nitrophenol	ND	370	ug/Kg	09/17/09		HM	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	370	ug/Kg	09/17/09		HM	SW 8270
3,3'-Dichlorobenzidine	ND	440	ug/Kg	09/17/09		HM	SW 8270
3-Nitroaniline	ND	590	ug/Kg	09/17/09		HM	SW 8270
4,6-Dinitro-2-methylphenol	ND	1100	ug/Kg	09/17/09		HM	SW 8270
4-Bromophenyl phenyl ether	ND	370	ug/Kg	09/17/09		HM	SW 8270
4-Chloro-3-methylphenol	ND	440	ug/Kg	09/17/09		HM	SW 8270
4-Chloroaniline	ND	440	ug/Kg	09/17/09		HM	SW 8270
4-Chlorophenyl phenyl ether	ND	370	ug/Kg	09/17/09		HM	SW 8270
4-Nitroaniline	ND	590	ug/Kg	09/17/09		HM	SW 8270
4-Nitrophenol	ND	1100	ug/Kg	09/17/09		HM	SW 8270
Acenaphthene	ND	370	ug/Kg	09/17/09		HM	SW 8270
Acenaphthylene	ND	370	ug/Kg	09/17/09		HM	SW 8270
Acetophenone	ND	370	ug/Kg	09/17/09		HM	SW 8270
Aniline	ND	1100	ug/Kg	09/17/09		HM	SW 8270
Anthracene	ND	370	ug/Kg	09/17/09		HM	SW 8270
Azobenzene	ND	370	ug/Kg	09/17/09		HM	SW 8270
Benz(a)anthracene	ND	370	ug/Kg	09/17/09		HM	SW 8270
Benzidine	ND	370	ug/Kg	09/17/09		HM	SW 8270
Benzo(a)pyrene	ND	370	ug/Kg	09/17/09		HM	SW 8270
Benzo(b)fluoranthene	ND	370	ug/Kg	09/17/09		HM	SW 8270
Benzo(ghi)perylene	ND	370	ug/Kg	09/17/09		HM	SW 8270
Benzo(k)fluoranthene	ND	370	ug/Kg	09/17/09		HM	SW 8270
Benzoic acid	ND	1100	ug/Kg	09/17/09		HM	SW 8270
Benzyl butyl phthalate	ND	370	ug/Kg	09/17/09		HM	SW 8270
Bis(2-chloroethoxy)methane	ND	370	ug/Kg	09/17/09		HM	SW 8270
Bis(2-chloroethyl)ether	ND	370	ug/Kg	09/17/09		HM	SW 8270
Bis(2-chloroisopropyl)ether	ND	370	ug/Kg	09/17/09		HM	SW 8270
Bis(2-ethylhexyl)phthalate	ND	370	ug/Kg	09/17/09		HM	SW 8270
Carbazole	ND	1100	ug/Kg	09/17/09		HM	SW 8270
Chrysene	ND	370	ug/Kg	09/17/09		HM	SW 8270
Dibenz(a,h)anthracene	ND	370	ug/Kg	09/17/09		HM	SW 8270
Dibenzofuran	ND	370	ug/Kg	09/17/09		HM	SW 8270
Diethyl phthalate	ND	370	ug/Kg	09/17/09		HM	SW 8270
Dimethylphthalate	ND	370	ug/Kg	09/17/09		HM	SW 8270
Di-n-butylphthalate	ND	370	ug/Kg	09/17/09		HM	SW 8270
Di-n-octylphthalate	ND	370	ug/Kg	09/17/09		HM	SW 8270
Fluoranthene	ND	370	ug/Kg	09/17/09		HM	SW 8270
Fluorene	ND	370	ug/Kg	09/17/09		HM	SW 8270
Hexachlorobenzene	ND	370	ug/Kg	09/17/09		HM	SW 8270

Project ID:
Client ID: SB-4 (4-6)

Phoenix I.D.: AS24799

Parameter	Result	RL	Units	Date	Time	By	Reference
Hexachlorobutadiene	ND	370	ug/Kg	09/17/09		HM	SW 8270
Hexachlorocyclopentadiene	ND	370	ug/Kg	09/17/09		HM	SW 8270
Hexachloroethane	ND	370	ug/Kg	09/17/09		HM	SW 8270
Indeno(1,2,3-cd)pyrene	ND	370	ug/Kg	09/17/09		HM	SW 8270
Isophorone	ND	370	ug/Kg	09/17/09		HM	SW 8270
Naphthalene	ND	370	ug/Kg	09/17/09		HM	SW 8270
Nitrobenzene	ND	370	ug/Kg	09/17/09		HM	SW 8270
N-Nitrosodimethylamine	ND	370	ug/Kg	09/17/09		HM	SW 8270
N-Nitrosodi-n-propylamine	ND	370	ug/Kg	09/17/09		HM	SW 8270
N-Nitrosodiphenylamine	ND	370	ug/Kg	09/17/09		HM	SW 8270
Pentachloronitrobenzene	ND	370	ug/Kg	09/17/09		HM	SW 8270
Pentachlorophenol	ND	370	ug/Kg	09/17/09		HM	SW 8270
Phenanthrene	ND	370	ug/Kg	09/17/09		HM	SW 8270
Phenol	ND	370	ug/Kg	09/17/09		HM	SW 8270
Pyrene	ND	370	ug/Kg	09/17/09		HM	SW 8270
Pyridine	ND	370	ug/Kg	09/17/09		HM	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	98		%	09/17/09		HM	SW 8270
% 2-Fluorobiphenyl	69		%	09/17/09		HM	SW 8270
% 2-Fluorophenol	81		%	09/17/09		HM	SW 8270
% Nitrobenzene-d5	69		%	09/17/09		HM	SW 8270
% Phenol-d5	80		%	09/17/09		HM	SW 8270
% Terphenyl-d14	68		%	09/17/09		HM	SW 8270
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	11	mg/Kg	09/17/09		JRB	CT ETPH
Identification	ND		mg/Kg	09/17/09		JRB	CT ETPH
QA/QC Surrogates							
% n-Pentacosane	80		%	09/17/09		JRB	CT ETPH
Polychlorinated Biphenyls							
PCB-1016	ND	360	ug/Kg	09/17/09		MH	SW 8082
PCB-1221	ND	360	ug/Kg	09/17/09		MH	SW 8082
PCB-1232	ND	360	ug/Kg	09/17/09		MH	SW 8082
PCB-1242	ND	360	ug/Kg	09/17/09		MH	SW 8082
PCB-1248	ND	360	ug/Kg	09/17/09		MH	SW 8082
PCB-1254	ND	360	ug/Kg	09/17/09		MH	SW 8082
PCB-1260	ND	360	ug/Kg	09/17/09		MH	SW 8082
PCB-1262	ND	360	ug/Kg	09/17/09		MH	SW 8082
PCB-1268	ND	360	ug/Kg	09/17/09		MH	SW 8082
QA/QC Surrogates							
% DCBP	83		%	09/17/09		MH	SW 8082
% TCMX	86		%	09/17/09		MH	SW 8082
Pesticides							
4,4' -DDD	ND	35	ug/Kg	09/17/09		MH	SW8081
4,4' -DDE	ND	35	ug/Kg	09/17/09		MH	SW8081
4,4' -DDT	ND	35	ug/Kg	09/17/09		MH	SW8081
a-BHC	ND	18	ug/Kg	09/17/09		MH	SW8081
Alachlor	ND	18	ug/Kg	09/17/09		MH	SW8081
Aldrin	ND	5.5	ug/Kg	09/17/09		MH	SW8081

Project ID:
Client ID: SB-4 (4-6)

Phoenix I.D.: AS24799

Parameter	Result	RL	Units	Date	Time	By	Reference
b-BHC	ND	18	ug/Kg	09/17/09		MH	SW8081
Chlordane	ND	55	ug/Kg	09/17/09		MH	SW8081
d-BHC	ND	18	ug/Kg	09/17/09		MH	SW8081
Dieldrin	ND	5.5	ug/Kg	09/17/09		MH	SW8081
Endosulfan I	ND	18	ug/Kg	09/17/09		MH	SW8081
Endosulfan II	ND	35	ug/Kg	09/17/09		MH	SW8081
Endosulfan sulfate	ND	35	ug/Kg	09/17/09		MH	SW8081
Endrin	ND	35	ug/Kg	09/17/09		MH	SW8081
Endrin aldehyde	ND	35	ug/Kg	09/17/09		MH	SW8081
Endrin ketone	ND	35	ug/Kg	09/17/09		MH	SW8081
g-BHC	ND	18	ug/Kg	09/17/09		MH	SW8081
Heptachlor	ND	11	ug/Kg	09/17/09		MH	SW8081
Heptachlor epoxide	ND	18	ug/Kg	09/17/09		MH	SW8081
Methoxychlor	ND	180	ug/Kg	09/17/09		MH	SW8081
Toxaphene	ND	180	ug/Kg	09/17/09		MH	SW8081
QA/QC Surrogates							
% DCBP	90		%	09/17/09		MH	SW8081
% TCMX	89		%	09/17/09		MH	SW8081

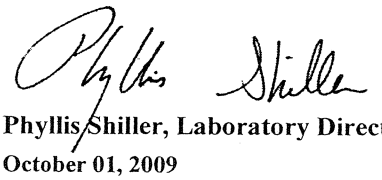
1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters.

Comments:

*** Poor surrogate recovery was observed.

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



Phyllis Shiller, Laboratory Director
October 01, 2009

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 01, 2009

FOR: Attn: Ms. Marya Mahoney
TRC Environmental Corp.
21 Griffen Rd North
Windsor, CT 06095

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		09/15/09	12:20
Location Code:	TRC	Received by:	LB	09/16/09	13:30
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	15422				

Laboratory Data

SDG ID: GAS24790
Phoenix ID: AS24800

Project ID:

Client ID: SB091509

Parameter	Result	RL	Units	Date	Time	By	Reference	
Percent Solid	100	1	%	09/17/09		s-JL	E160.3	
Field Extraction	Completed			09/15/09		TRC	SW5035	1
Volatiles								
1,1,1,2-Tetrachloroethane	ND	250	ug/Kg	09/17/09		R/J	SW8260	
1,1,1-Trichloroethane	ND	250	ug/Kg	09/17/09		R/J	SW8260	
1,1,2,2-Tetrachloroethane	ND	250	ug/Kg	09/17/09		R/J	SW8260	
1,1,2-Trichloroethane	ND	250	ug/Kg	09/17/09		R/J	SW8260	
1,1-Dichloroethane	ND	250	ug/Kg	09/17/09		R/J	SW8260	
1,1-Dichloroethene	ND	250	ug/Kg	09/17/09		R/J	SW8260	
1,1-Dichloropropene	ND	250	ug/Kg	09/17/09		R/J	SW8260	
1,2,3-Trichlorobenzene	ND	250	ug/Kg	09/17/09		R/J	SW8260	
1,2,3-Trichloropropane	ND	250	ug/Kg	09/17/09		R/J	SW8260	
1,2,4-Trichlorobenzene	ND	250	ug/Kg	09/17/09		R/J	SW8260	
1,2,4-Trimethylbenzene	ND	250	ug/Kg	09/17/09		R/J	SW8260	
1,2-Dibromo-3-chloropropane	ND	250	ug/Kg	09/17/09		R/J	SW8260	
1,2-Dichlorobenzene	ND	250	ug/Kg	09/17/09		R/J	SW8260	
1,2-Dichloroethane	ND	250	ug/Kg	09/17/09		R/J	SW8260	
1,2-Dichloropropane	ND	250	ug/Kg	09/17/09		R/J	SW8260	
1,3,5-Trimethylbenzene	ND	250	ug/Kg	09/17/09		R/J	SW8260	
1,3-Dichlorobenzene	ND	250	ug/Kg	09/17/09		R/J	SW8260	
1,3-Dichloropropane	ND	250	ug/Kg	09/17/09		R/J	SW8260	
1,4-Dichlorobenzene	ND	250	ug/Kg	09/17/09		R/J	SW8260	
2,2-Dichloropropane	ND	250	ug/Kg	09/17/09		R/J	SW8260	
2-Chlorotoluene	ND	250	ug/Kg	09/17/09		R/J	SW8260	
2-Hexanone	ND	1200	ug/Kg	09/17/09		R/J	SW8260	
2-Isopropyltoluene	ND	250	ug/Kg	09/17/09		R/J	SW8260	
4-Chlorotoluene	ND	250	ug/Kg	09/17/09		R/J	SW8260	
4-Methyl-2-pentanone	ND	1200	ug/Kg	09/17/09		R/J	SW8260	

Project ID:

Client ID: SB091509

Phoenix I.D.: AS24800

Parameter	Result	RL	Units	Date	Time	By	Reference
Acetone	ND	5000	ug/Kg	09/17/09		R/J	SW8260
Acrylonitrile	ND	500	ug/Kg	09/17/09		R/J	SW8260
Benzene	ND	250	ug/Kg	09/17/09		R/J	SW8260
Bromobenzene	ND	250	ug/Kg	09/17/09		R/J	SW8260
Bromochloromethane	ND	250	ug/Kg	09/17/09		R/J	SW8260
Bromodichloromethane	ND	250	ug/Kg	09/17/09		R/J	SW8260
Bromoform	ND	250	ug/Kg	09/17/09		R/J	SW8260
Bromomethane	ND	250	ug/Kg	09/17/09		R/J	SW8260
Carbon Disulfide	ND	250	ug/Kg	09/17/09		R/J	SW8260
Carbon tetrachloride	ND	250	ug/Kg	09/17/09		R/J	SW8260
Chlorobenzene	ND	250	ug/Kg	09/17/09		R/J	SW8260
Chloroethane	ND	250	ug/Kg	09/17/09		R/J	SW8260
Chloroform	ND	250	ug/Kg	09/17/09		R/J	SW8260
Chloromethane	ND	250	ug/Kg	09/17/09		R/J	SW8260
cis-1,2-Dichloroethene	ND	250	ug/Kg	09/17/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	250	ug/Kg	09/17/09		R/J	SW8260
Dibromochloromethane	ND	250	ug/Kg	09/17/09		R/J	SW8260
Dibromoethane	ND	250	ug/Kg	09/17/09		R/J	SW8260
Dibromomethane	ND	250	ug/Kg	09/17/09		R/J	SW8260
Dichlorodifluoromethane	ND	250	ug/Kg	09/17/09		R/J	SW8260
Ethylbenzene	ND	250	ug/Kg	09/17/09		R/J	SW8260
Hexachlorobutadiene	ND	250	ug/Kg	09/17/09		R/J	SW8260
Isopropylbenzene	ND	250	ug/Kg	09/17/09		R/J	SW8260
m&p-Xylene	ND	250	ug/Kg	09/17/09		R/J	SW8260
Methyl Ethyl Ketone	ND	3000	ug/Kg	09/17/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	250	ug/Kg	09/17/09		R/J	SW8260
Methylene chloride	ND	500	ug/Kg	09/17/09		R/J	SW8260
Naphthalene	ND	250	ug/Kg	09/17/09		R/J	SW8260
n-Butylbenzene	ND	250	ug/Kg	09/17/09		R/J	SW8260
n-Propylbenzene	ND	250	ug/Kg	09/17/09		R/J	SW8260
o-Xylene	ND	250	ug/Kg	09/17/09		R/J	SW8260
p-Isopropyltoluene	ND	250	ug/Kg	09/17/09		R/J	SW8260
sec-Butylbenzene	ND	250	ug/Kg	09/17/09		R/J	SW8260
Styrene	ND	250	ug/Kg	09/17/09		R/J	SW8260
tert-Butylbenzene	ND	250	ug/Kg	09/17/09		R/J	SW8260
Tetrachloroethene	ND	250	ug/Kg	09/17/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	500	ug/Kg	09/17/09		R/J	SW8260
Toluene	ND	250	ug/Kg	09/17/09		R/J	SW8260
Total Xylenes	ND	250	ug/Kg	09/17/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	250	ug/Kg	09/17/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	250	ug/Kg	09/17/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	500	ug/Kg	09/17/09		R/J	SW8260
Trichloroethene	ND	250	ug/Kg	09/17/09		R/J	SW8260
Trichlorofluoromethane	ND	250	ug/Kg	09/17/09		R/J	SW8260
Trichlorotrifluoroethane	ND	250	ug/Kg	09/17/09		R/J	SW8260
Vinyl chloride	ND	250	ug/Kg	09/17/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	100		%	09/17/09		R/J	SW8260
% Bromofluorobenzene	94		%	09/17/09		R/J	SW8260
% Dibromofluoromethane	93		%	09/17/09		R/J	SW8260
% Toluene-d8	94		%	09/17/09		R/J	SW8260

Project ID:
Client ID: SB091509

Phoenix I.D.: AS24800

Parameter	Result	RL	Units	Date	Time	By	Reference

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters.

Comments:

* 100% Solids assumed, no sample received for total solids analysis.

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

Phyllis Shiller, Laboratory Director
October 01, 2009

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 01, 2009

FOR: Attn: Ms. Marya Mahoney
TRC Environmental Corp.
21 Griffen Rd North
Windsor, CT 06095

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		09/15/09	12:15
Location Code:	TRC	Received by:	LB	09/16/09	13:30
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	15422				

Laboratory Data

SDG ID: GAS24790
Phoenix ID: AS24801

Project ID:

Client ID: SED-1

Parameter	Result	RL	Units	Date	Time	By	Reference	
Silver	< 0.41	0.41	mg/Kg	09/17/09		EK	SW6010	
Arsenic	< 0.8	0.8	mg/Kg	09/17/09		EK	SW6010	
Barium	37.9	0.41	mg/Kg	09/17/09		EK	SW6010	
Cadmium	< 0.41	0.41	mg/Kg	09/17/09		EK	SW6010	
Chromium	6.40	0.41	mg/Kg	09/17/09		EK	SW6010	
Mercury	< 0.1	0.1	mg/Kg	09/17/09		LK	SW-7471	
Lead	21.3	0.41	mg/Kg	09/17/09		EK	SW6010	
Selenium	< 2.1	2.1	mg/Kg	09/17/09		EK	SW6010	
Percent Solid	74		%	09/16/09		s-JL	E160.3	
Soil Extraction for PCB	Completed			09/16/09		BB/D	SW3545	
Soil Extraction for Pesticide	Completed			09/16/09		BB	SW3545	
Soil Extraction for SVOA	Completed			09/16/09		QS/D	SW3545	
Extraction of CT ETPH	Completed			09/16/09		QS/D	3545	
Mercury Digestion	Completed			09/17/09		K	SW7471	
Soil Extraction for Herbicide	Completed			09/16/09		M/D	SW8151	
SPLP PCB Extraction	Completed			09/17/09		O/O	SW3510/3520	
SPLP Extraction for Organics	Completed			09/16/09		K	EPA1312	
Total Metals Digest	Completed			09/16/09		AG/C	SW846 - 3050	
Field Extraction	Completed			09/15/09		TRC	SW5035	1
SPLP Polychlorinated Biphenyls								
PCB-1016	ND	0.5	ug/L	09/18/09		MH	SW8082	
PCB-1221	ND	0.5	ug/L	09/18/09		MH	SW8082	
PCB-1232	ND	0.5	ug/L	09/18/09		MH	SW8082	
PCB-1242	ND	0.5	ug/L	09/18/09		MH	SW8082	
PCB-1248	ND	0.5	ug/L	09/18/09		MH	SW8082	
PCB-1254	ND	0.5	ug/L	09/18/09		MH	SW8082	
PCB-1260	ND	0.5	ug/L	09/18/09		MH	SW8082	
PCB-1262	ND	0.5	ug/L	09/18/09		MH	SW8082	

Project ID:
Client ID: SED-1

Phoenix I.D.: AS24801

Parameter	Result	RL	Units	Date	Time	By	Reference
PCB-1268	ND	0.5	ug/L	09/18/09		MH	SW8082
QA/QC Surrogates							
%DCBP (Surrogate Rec)	63		%	09/18/09		MH	SW8082
%TCMX (Surrogate Rec)	85		%	09/18/09		MH	SW8082
Chlorinated Herbicides							
2,4,5-T	ND	130	ug/Kg	09/17/09		JRB	SW8151
2,4,5-TP (Silvex)	ND	130	ug/Kg	09/17/09		JRB	SW8151
2,4-D	ND	130	ug/Kg	09/17/09		JRB	SW8151
2,4-DB	ND	1300	ug/Kg	09/17/09		JRB	SW8151
Dalapon	ND	660	ug/Kg	09/17/09		JRB	SW8151
Dicamba	ND	400	ug/Kg	09/17/09		JRB	SW8151
Dichloroprop	ND	130	ug/Kg	09/17/09		JRB	SW8151
Dinoseb	ND	260	ug/Kg	09/17/09		JRB	SW8151
QA/QC Surrogates							
% DCAA	57		%	09/17/09		JRB	SW8151
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.1	ug/Kg	09/17/09		R/J	SW8260
1,1,1-Trichloroethane	ND	5.1	ug/Kg	09/17/09		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	5.1	ug/Kg	09/17/09		R/J	SW8260
1,1,2-Trichloroethane	ND	5.1	ug/Kg	09/17/09		R/J	SW8260
1,1-Dichloroethane	ND	5.1	ug/Kg	09/17/09		R/J	SW8260
1,1-Dichloroethene	ND	5.1	ug/Kg	09/17/09		R/J	SW8260
1,1-Dichloropropene	ND	5.1	ug/Kg	09/17/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	5.1	ug/Kg	09/17/09		R/J	SW8260
1,2,3-Trichloropropane	ND	5.1	ug/Kg	09/17/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	5.1	ug/Kg	09/17/09		R/J	SW8260
1,2,4-Trimethylbenzene	ND	5.1	ug/Kg	09/17/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	5.1	ug/Kg	09/17/09		R/J	SW8260
1,2-Dichlorobenzene	ND	5.1	ug/Kg	09/17/09		R/J	SW8260
1,2-Dichloroethane	ND	5.1	ug/Kg	09/17/09		R/J	SW8260
1,2-Dichloropropane	ND	5.1	ug/Kg	09/17/09		R/J	SW8260
1,3,5-Trimethylbenzene	ND	5.1	ug/Kg	09/17/09		R/J	SW8260
1,3-Dichlorobenzene	ND	5.1	ug/Kg	09/17/09		R/J	SW8260
1,3-Dichloropropane	ND	5.1	ug/Kg	09/17/09		R/J	SW8260
1,4-Dichlorobenzene	ND	5.1	ug/Kg	09/17/09		R/J	SW8260
2,2-Dichloropropane	ND	5.1	ug/Kg	09/17/09		R/J	SW8260
2-Chlorotoluene	ND	5.1	ug/Kg	09/17/09		R/J	SW8260
2-Hexanone	ND	26	ug/Kg	09/17/09		R/J	SW8260
2-Isopropyltoluene	ND	5.1	ug/Kg	09/17/09		R/J	SW8260
4-Chlorotoluene	ND	5.1	ug/Kg	09/17/09		R/J	SW8260
4-Methyl-2-pentanone	ND	26	ug/Kg	09/17/09		R/J	SW8260
Acetone	ND	100	ug/Kg	09/17/09		R/J	SW8260
Acrylonitrile	ND	5.1	ug/Kg	09/17/09		R/J	SW8260
Benzene	ND	5.1	ug/Kg	09/17/09		R/J	SW8260
Bromobenzene	ND	5.1	ug/Kg	09/17/09		R/J	SW8260
Bromochloromethane	ND	5.1	ug/Kg	09/17/09		R/J	SW8260
Bromodichloromethane	ND	5.1	ug/Kg	09/17/09		R/J	SW8260
Bromoform	ND	5.1	ug/Kg	09/17/09		R/J	SW8260
Bromomethane	ND	5.1	ug/Kg	09/17/09		R/J	SW8260

Project ID:
Client ID: SED-1

Phoenix I.D.: AS24801

Parameter	Result	RL	Units	Date	Time	By	Reference
Carbon Disulfide	ND	5.1	ug/Kg	09/17/09		R/J	SW8260
Carbon tetrachloride	ND	5.1	ug/Kg	09/17/09		R/J	SW8260
Chlorobenzene	ND	5.1	ug/Kg	09/17/09		R/J	SW8260
Chloroethane	ND	5.1	ug/Kg	09/17/09		R/J	SW8260
Chloroform	ND	5.1	ug/Kg	09/17/09		R/J	SW8260
Chloromethane	ND	5.1	ug/Kg	09/17/09		R/J	SW8260
cis-1,2-Dichloroethene	ND	5.1	ug/Kg	09/17/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	5.1	ug/Kg	09/17/09		R/J	SW8260
Dibromochloromethane	ND	5.1	ug/Kg	09/17/09		R/J	SW8260
Dibromoethane	ND	5.1	ug/Kg	09/17/09		R/J	SW8260
Dibromomethane	ND	5.1	ug/Kg	09/17/09		R/J	SW8260
Dichlorodifluoromethane	ND	5.1	ug/Kg	09/17/09		R/J	SW8260
Ethylbenzene	ND	5.1	ug/Kg	09/17/09		R/J	SW8260
Hexachlorobutadiene	ND	5.1	ug/Kg	09/17/09		R/J	SW8260
Isopropylbenzene	ND	5.1	ug/Kg	09/17/09		R/J	SW8260
m&p-Xylene	ND	5.1	ug/Kg	09/17/09		R/J	SW8260
Methyl Ethyl Ketone	ND	31	ug/Kg	09/17/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	10	ug/Kg	09/17/09		R/J	SW8260
Methylene chloride	ND	5.1	ug/Kg	09/17/09		R/J	SW8260
Naphthalene	ND	5.1	ug/Kg	09/17/09		R/J	SW8260
n-Butylbenzene	ND	5.1	ug/Kg	09/17/09		R/J	SW8260
n-Propylbenzene	ND	5.1	ug/Kg	09/17/09		R/J	SW8260
o-Xylene	ND	5.1	ug/Kg	09/17/09		R/J	SW8260
p-Isopropyltoluene	ND	5.1	ug/Kg	09/17/09		R/J	SW8260
sec-Butylbenzene	ND	5.1	ug/Kg	09/17/09		R/J	SW8260
Styrene	ND	5.1	ug/Kg	09/17/09		R/J	SW8260
tert-Butylbenzene	ND	5.1	ug/Kg	09/17/09		R/J	SW8260
Tetrachloroethene	ND	5.1	ug/Kg	09/17/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	10	ug/Kg	09/17/09		R/J	SW8260
Toluene	ND	5.1	ug/Kg	09/17/09		R/J	SW8260
Total Xylenes	ND	5.1	ug/Kg	09/17/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	5.1	ug/Kg	09/17/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	5.1	ug/Kg	09/17/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	10	ug/Kg	09/17/09		R/J	SW8260
Trichloroethene	ND	5.1	ug/Kg	09/17/09		R/J	SW8260
Trichlorofluoromethane	ND	5.1	ug/Kg	09/17/09		R/J	SW8260
Trichlorotrifluoroethane	ND	5.1	ug/Kg	09/17/09		R/J	SW8260
Vinyl chloride	ND	5.1	ug/Kg	09/17/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	100		%	09/17/09		R/J	SW8260
% Bromofluorobenzene	85		%	09/17/09		R/J	SW8260
% Dibromofluoromethane	90		%	09/17/09		R/J	SW8260
% Toluene-d8	91		%	09/17/09		R/J	SW8260
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	450	ug/Kg	09/17/09		HM	SW 8270
1,2,4-Trichlorobenzene	ND	450	ug/Kg	09/17/09		HM	SW 8270
1,2-Dichlorobenzene	ND	450	ug/Kg	09/17/09		HM	SW 8270
1,3-Dichlorobenzene	ND	450	ug/Kg	09/17/09		HM	SW 8270
1,4-Dichlorobenzene	ND	450	ug/Kg	09/17/09		HM	SW 8270
2,4,5-Trichlorophenol	ND	450	ug/Kg	09/17/09		HM	SW 8270

Project ID:

Client ID: SED-1

Phoenix I.D.: AS24801

Parameter	Result	RL	Units	Date	Time	By	Reference
2,4,6-Trichlorophenol	ND	450	ug/Kg	09/17/09		HM	SW 8270
2,4-Dichlorophenol	ND	450	ug/Kg	09/17/09		HM	SW 8270
2,4-Dimethylphenol	ND	450	ug/Kg	09/17/09		HM	SW 8270
2,4-Dinitrophenol	ND	710	ug/Kg	09/17/09		HM	SW 8270
2,4-Dinitrotoluene	ND	450	ug/Kg	09/17/09		HM	SW 8270
2,6-Dinitrotoluene	ND	450	ug/Kg	09/17/09		HM	SW 8270
2-Chloronaphthalene	ND	450	ug/Kg	09/17/09		HM	SW 8270
2-Chlorophenol	ND	450	ug/Kg	09/17/09		HM	SW 8270
2-Methylnaphthalene	ND	450	ug/Kg	09/17/09		HM	SW 8270
2-Methylphenol (o-cresol)	ND	450	ug/Kg	09/17/09		HM	SW 8270
2-Nitroaniline	ND	710	ug/Kg	09/17/09		HM	SW 8270
2-Nitrophenol	ND	450	ug/Kg	09/17/09		HM	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	450	ug/Kg	09/17/09		HM	SW 8270
3,3'-Dichlorobenzidine	ND	540	ug/Kg	09/17/09		HM	SW 8270
3-Nitroaniline	ND	710	ug/Kg	09/17/09		HM	SW 8270
4,6-Dinitro-2-methylphenol	ND	1300	ug/Kg	09/17/09		HM	SW 8270
4-Bromophenyl phenyl ether	ND	450	ug/Kg	09/17/09		HM	SW 8270
4-Chloro-3-methylphenol	ND	540	ug/Kg	09/17/09		HM	SW 8270
4-Chloroaniline	ND	540	ug/Kg	09/17/09		HM	SW 8270
4-Chlorophenyl phenyl ether	ND	450	ug/Kg	09/17/09		HM	SW 8270
4-Nitroaniline	ND	710	ug/Kg	09/17/09		HM	SW 8270
4-Nitrophenol	ND	1300	ug/Kg	09/17/09		HM	SW 8270
Acenaphthene	550	450	ug/Kg	09/17/09		HM	SW 8270
Acenaphthylene	ND	450	ug/Kg	09/17/09		HM	SW 8270
Acetophenone	ND	450	ug/Kg	09/17/09		HM	SW 8270
Aniline	ND	1300	ug/Kg	09/17/09		HM	SW 8270
Anthracene	1500	450	ug/Kg	09/17/09		HM	SW 8270
Azobenzene	ND	450	ug/Kg	09/17/09		HM	SW 8270
Benz(a)anthracene	4300	450	ug/Kg	09/17/09		HM	SW 8270
Benzidine	ND	450	ug/Kg	09/17/09		HM	SW 8270
Benzo(a)pyrene	4400	450	ug/Kg	09/17/09		HM	SW 8270
Benzo(b)fluoranthene	6400	450	ug/Kg	09/17/09		HM	SW 8270
Benzo(ghi)perylene	1700	450	ug/Kg	09/17/09		HM	SW 8270
Benzo(k)fluoranthene	1900	450	ug/Kg	09/17/09		HM	SW 8270
Benzoic acid	ND	1300	ug/Kg	09/17/09		HM	SW 8270
Benzyl butyl phthalate	ND	450	ug/Kg	09/17/09		HM	SW 8270
Bis(2-chloroethoxy)methane	ND	450	ug/Kg	09/17/09		HM	SW 8270
Bis(2-chloroethyl)ether	ND	450	ug/Kg	09/17/09		HM	SW 8270
Bis(2-chloroisopropyl)ether	ND	450	ug/Kg	09/17/09		HM	SW 8270
Bis(2-ethylhexyl)phthalate	ND	450	ug/Kg	09/17/09		HM	SW 8270
Carbazole	2400	1300	ug/Kg	09/17/09		HM	SW 8270
Chrysene	5100	450	ug/Kg	09/17/09		HM	SW 8270
Dibenz(a,h)anthracene	520	450	ug/Kg	09/17/09		HM	SW 8270
Dibenzofuran	ND	450	ug/Kg	09/17/09		HM	SW 8270
Diethyl phthalate	ND	450	ug/Kg	09/17/09		HM	SW 8270
Dimethylphthalate	ND	450	ug/Kg	09/17/09		HM	SW 8270
Di-n-butylphthalate	ND	450	ug/Kg	09/17/09		HM	SW 8270
Di-n-octylphthalate	ND	450	ug/Kg	09/17/09		HM	SW 8270
Fluoranthene	13000	2200	ug/Kg	09/17/09		HM	SW 8270
Fluorene	780	450	ug/Kg	09/17/09		HM	SW 8270
Hexachlorobenzene	ND	450	ug/Kg	09/17/09		HM	SW 8270

Project ID:

Client ID: SED-1

Phoenix I.D.: AS24801

Parameter	Result	RL	Units	Date	Time	By	Reference
Hexachlorobutadiene	ND	450	ug/Kg	09/17/09		HM	SW 8270
Hexachlorocyclopentadiene	ND	450	ug/Kg	09/17/09		HM	SW 8270
Hexachloroethane	ND	450	ug/Kg	09/17/09		HM	SW 8270
Indeno(1,2,3-cd)pyrene	1700	450	ug/Kg	09/17/09		HM	SW 8270
Isophorone	ND	450	ug/Kg	09/17/09		HM	SW 8270
Naphthalene	ND	450	ug/Kg	09/17/09		HM	SW 8270
Nitrobenzene	ND	450	ug/Kg	09/17/09		HM	SW 8270
N-Nitrosodimethylamine	ND	450	ug/Kg	09/17/09		HM	SW 8270
N-Nitrosodi-n-propylamine	ND	450	ug/Kg	09/17/09		HM	SW 8270
N-Nitrosodiphenylamine	ND	450	ug/Kg	09/17/09		HM	SW 8270
Pentachloronitrobenzene	ND	450	ug/Kg	09/17/09		HM	SW 8270
Pentachlorophenol	ND	450	ug/Kg	09/17/09		HM	SW 8270
Phenanthrene	8300	2200	ug/Kg	09/17/09		HM	SW 8270
Phenol	ND	450	ug/Kg	09/17/09		HM	SW 8270
Pyrene	9600	2200	ug/Kg	09/17/09		HM	SW 8270
Pyridine	ND	450	ug/Kg	09/17/09		HM	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	70		%	09/17/09		HM	SW 8270
% 2-Fluorobiphenyl	47		%	09/17/09		HM	SW 8270
% 2-Fluorophenol	49		%	09/17/09		HM	SW 8270
% Nitrobenzene-d5	49		%	09/17/09		HM	SW 8270
% Phenol-d5	44		%	09/17/09		HM	SW 8270
% Terphenyl-d14	47		%	09/17/09		HM	SW 8270
TPH by GC (Extractable Products)							
Ext. Petroleum HC	270	13	mg/Kg	09/21/09		KCA	CT ETPH
Identification	**		mg/Kg	09/21/09		KCA	CT ETPH
QA/QC Surrogates							
% n-Pentacosane	110		%	09/21/09		KCA	CT ETPH
Polychlorinated Biphenyls							
PCB-1016	ND	440	ug/Kg	09/17/09		MH	SW 8082
PCB-1221	ND	440	ug/Kg	09/17/09		MH	SW 8082
PCB-1232	ND	440	ug/Kg	09/17/09		MH	SW 8082
PCB-1242	ND	440	ug/Kg	09/17/09		MH	SW 8082
PCB-1248	ND	440	ug/Kg	09/17/09		MH	SW 8082
PCB-1254	ND	440	ug/Kg	09/17/09		MH	SW 8082
PCB-1260	ND	440	ug/Kg	09/17/09		MH	SW 8082
PCB-1262	ND	440	ug/Kg	09/17/09		MH	SW 8082
PCB-1268	ND	440	ug/Kg	09/17/09		MH	SW 8082
QA/QC Surrogates							
% DCBP	74		%	09/17/09		MH	SW 8082
% TCMX	78		%	09/17/09		MH	SW 8082
Pesticides							
4,4' -DDD	ND	42	ug/Kg	09/17/09		MH	SW8081
4,4' -DDE	ND	42	ug/Kg	09/17/09		MH	SW8081
4,4' -DDT	ND	42	ug/Kg	09/17/09		MH	SW8081
a-BHC	ND	21	ug/Kg	09/17/09		MH	SW8081
Alachlor	ND	21	ug/Kg	09/17/09		MH	SW8081
Aldrin	ND	6.6	ug/Kg	09/17/09		MH	SW8081

Project ID:

Phoenix I.D.: AS24801

Client ID: SED-1

Parameter	Result	RL	Units	Date	Time	By	Reference
b-BHC	ND	21	ug/Kg	09/17/09		MH	SW8081
Chlordane	ND	66	ug/Kg	09/17/09		MH	SW8081
d-BHC	ND	21	ug/Kg	09/17/09		MH	SW8081
Dieldrin	ND	6.6	ug/Kg	09/17/09		MH	SW8081
Endosulfan I	ND	21	ug/Kg	09/17/09		MH	SW8081
Endosulfan II	ND	42	ug/Kg	09/17/09		MH	SW8081
Endosulfan sulfate	ND	42	ug/Kg	09/17/09		MH	SW8081
Endrin	ND	42	ug/Kg	09/17/09		MH	SW8081
Endrin aldehyde	ND	42	ug/Kg	09/17/09		MH	SW8081
Endrin ketone	ND	42	ug/Kg	09/17/09		MH	SW8081
g-BHC	ND	21	ug/Kg	09/17/09		MH	SW8081
Heptachlor	ND	13	ug/Kg	09/17/09		MH	SW8081
Heptachlor epoxide	ND	21	ug/Kg	09/17/09		MH	SW8081
Methoxychlor	ND	210	ug/Kg	09/17/09		MH	SW8081
Toxaphene	ND	210	ug/Kg	09/17/09		MH	SW8081
QA/QC Surrogates							
% DCBP	104		%	09/17/09		MH	SW8081
% TCMX	90		%	09/17/09		MH	SW8081

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters.

Comments:

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

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

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

Phyllis Shiller

Phyllis Shiller, Laboratory Director

October 01, 2009

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 01, 2009

FOR: Attn: Marya Mahoney
TRC Environmental Corp.
21 Griffen Rd North
Windsor, CT 06095

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		09/16/09	0:00
Location Code:	TRC	Received by:	BA	09/16/09	13:30
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	15422				

Laboratory Data

SDG ID: GAS24790
Phoenix ID: AS24839

Project ID:

Client ID: SB091509 LOW LEVEL TRIP

Parameter	Result	RL	Units	Date	Time	By	Reference	
Percent Solid	100	1	%	09/16/09		BA	E160.3	
Field Extraction	Completed			09/16/09		TRC	SW5035	1
Volatiles								
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	09/17/09		R/J	SW8260	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	09/17/09		R/J	SW8260	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	09/17/09		R/J	SW8260	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	09/17/09		R/J	SW8260	
1,1-Dichloroethane	ND	5.0	ug/Kg	09/17/09		R/J	SW8260	
1,1-Dichloroethene	ND	5.0	ug/Kg	09/17/09		R/J	SW8260	
1,1-Dichloropropene	ND	5.0	ug/Kg	09/17/09		R/J	SW8260	
1,2,3-Trichlorobenzene	ND	5.0	ug/Kg	09/17/09		R/J	SW8260	
1,2,3-Trichloropropane	ND	5.0	ug/Kg	09/17/09		R/J	SW8260	
1,2,4-Trichlorobenzene	ND	5.0	ug/Kg	09/17/09		R/J	SW8260	
1,2,4-Trimethylbenzene	ND	5.0	ug/Kg	09/17/09		R/J	SW8260	
1,2-Dibromo-3-chloropropane	ND	5.0	ug/Kg	09/17/09		R/J	SW8260	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	09/17/09		R/J	SW8260	
1,2-Dichloroethane	ND	5.0	ug/Kg	09/17/09		R/J	SW8260	
1,2-Dichloropropane	ND	5.0	ug/Kg	09/17/09		R/J	SW8260	
1,3,5-Trimethylbenzene	ND	5.0	ug/Kg	09/17/09		R/J	SW8260	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	09/17/09		R/J	SW8260	
1,3-Dichloropropane	ND	5.0	ug/Kg	09/17/09		R/J	SW8260	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	09/17/09		R/J	SW8260	
2,2-Dichloropropane	ND	5.0	ug/Kg	09/17/09		R/J	SW8260	
2-Chlorotoluene	ND	5.0	ug/Kg	09/17/09		R/J	SW8260	
2-Hexanone	ND	25	ug/Kg	09/17/09		R/J	SW8260	
2-Isopropyltoluene	ND	5.0	ug/Kg	09/17/09		R/J	SW8260	
4-Chlorotoluene	ND	5.0	ug/Kg	09/17/09		R/J	SW8260	
4-Methyl-2-pentanone	ND	25	ug/Kg	09/17/09		R/J	SW8260	

Project ID:

Phoenix I.D.: AS24839

Client ID: SB091509 LOW LEVEL TRIP

Parameter	Result	RL	Units	Date	Time	By	Reference
Acetone	ND	100	ug/Kg	09/17/09		R/J	SW8260
Acrylonitrile	ND	5.0	ug/Kg	09/17/09		R/J	SW8260
Benzene	ND	5.0	ug/Kg	09/17/09		R/J	SW8260
Bromobenzene	ND	5.0	ug/Kg	09/17/09		R/J	SW8260
Bromochloromethane	ND	5.0	ug/Kg	09/17/09		R/J	SW8260
Bromodichloromethane	ND	5.0	ug/Kg	09/17/09		R/J	SW8260
Bromoform	ND	5.0	ug/Kg	09/17/09		R/J	SW8260
Bromomethane	ND	5.0	ug/Kg	09/17/09		R/J	SW8260
Carbon Disulfide	ND	5.0	ug/Kg	09/17/09		R/J	SW8260
Carbon tetrachloride	ND	5.0	ug/Kg	09/17/09		R/J	SW8260
Chlorobenzene	ND	5.0	ug/Kg	09/17/09		R/J	SW8260
Chloroethane	ND	5.0	ug/Kg	09/17/09		R/J	SW8260
Chloroform	ND	5.0	ug/Kg	09/17/09		R/J	SW8260
Chloromethane	ND	5.0	ug/Kg	09/17/09		R/J	SW8260
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	09/17/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	09/17/09		R/J	SW8260
Dibromochloromethane	ND	5.0	ug/Kg	09/17/09		R/J	SW8260
Dibromoethane	ND	5.0	ug/Kg	09/17/09		R/J	SW8260
Dibromomethane	ND	5.0	ug/Kg	09/17/09		R/J	SW8260
Dichlorodifluoromethane	ND	5.0	ug/Kg	09/17/09		R/J	SW8260
Ethylbenzene	ND	5.0	ug/Kg	09/17/09		R/J	SW8260
Hexachlorobutadiene	ND	5.0	ug/Kg	09/17/09		R/J	SW8260
Isopropylbenzene	ND	5.0	ug/Kg	09/17/09		R/J	SW8260
m&p-Xylene	ND	5.0	ug/Kg	09/17/09		R/J	SW8260
Methyl Ethyl Ketone	ND	30	ug/Kg	09/17/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	10	ug/Kg	09/17/09		R/J	SW8260
Methylene chloride	ND	5.0	ug/Kg	09/17/09		R/J	SW8260
Naphthalene	ND	5.0	ug/Kg	09/17/09		R/J	SW8260
n-Butylbenzene	ND	5.0	ug/Kg	09/17/09		R/J	SW8260
n-Propylbenzene	ND	5.0	ug/Kg	09/17/09		R/J	SW8260
o-Xylene	ND	5.0	ug/Kg	09/17/09		R/J	SW8260
p-Isopropyltoluene	ND	5.0	ug/Kg	09/17/09		R/J	SW8260
sec-Butylbenzene	ND	5.0	ug/Kg	09/17/09		R/J	SW8260
Styrene	ND	5.0	ug/Kg	09/17/09		R/J	SW8260
tert-Butylbenzene	ND	5.0	ug/Kg	09/17/09		R/J	SW8260
Tetrachloroethene	ND	5.0	ug/Kg	09/17/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	10	ug/Kg	09/17/09		R/J	SW8260
Toluene	ND	5.0	ug/Kg	09/17/09		R/J	SW8260
Total Xylenes	ND	5.0	ug/Kg	09/17/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	09/17/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	09/17/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	10	ug/Kg	09/17/09		R/J	SW8260
Trichloroethene	ND	5.0	ug/Kg	09/17/09		R/J	SW8260
Trichlorofluoromethane	ND	5.0	ug/Kg	09/17/09		R/J	SW8260
Trichlorotrifluoroethane	ND	5.0	ug/Kg	09/17/09		R/J	SW8260
Vinyl chloride	ND	5.0	ug/Kg	09/17/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	100		%	09/17/09		R/J	SW8260
% Bromofluorobenzene	89		%	09/17/09		R/J	SW8260
% Dibromofluoromethane	90		%	09/17/09		R/J	SW8260
% Toluene-d8	93		%	09/17/09		R/J	SW8260

Project ID:

Phoenix I.D.: AS24839

Client ID: SB091509 LOW LEVEL TRIP

Parameter	Result	RL	Units	Date	Time	By	Reference

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters.

Comments:

trip blank included

100% solid assumed

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

Phyllis Shiller, Laboratory Director

October 01, 2009

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

October 01, 2009

QA/QC Data

SDG I.D.: GAS24790

Parameter	Blank	Dup RPD	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch 136080, QC Sample No: AS24791 (AS24791, AS24792, AS24793, AS24796, AS24797, AS24798, AS24799, AS24801)								
ICP Metals - Soil								
Arsenic	BDL	NC	102	89.7	12.8	90.0	103	13.5
Barium	BDL	125	109	100	8.6	NC	NC	NC
Cadmium	BDL	NC	97.3	95.0	2.4	93.4	106	12.6
Chromium	BDL	44.1	104	97.2	6.8	102	115	12.0
Lead	BDL	26.8	96.8	89.4	7.9	99.6	119	17.7
Selenium	BDL	NC	118	102	14.5	85.2	95.5	11.4
Silver	BDL	NC	98.2	92.2	6.3	95.3	106	10.6
QA/QC Batch 136120, QC Sample No: AS24801 (AS24791, AS24792, AS24793, AS24796, AS24797, AS24798, AS24799, AS24801)								
Mercury	BDL	NC	103	104	1.0	117	103	12.7
QA/QC Batch 136082, QC Sample No: AS24805 (AS24790, AS24794, AS24795)								
ICP Metals - Aqueous								
Arsenic	BDL	NC	94.5	95.4	0.9	101	101	0.0
Barium	BDL	NC	99.2	98.4	0.8	101	99.9	1.1
Cadmium	BDL	NC	96.8	96.1	0.7	96.0	95.8	0.2
Chromium	BDL	NC	97.8	97.5	0.3	98.3	97.9	0.4
Lead	BDL	NC	98.8	98.3	0.5	99.8	99.4	0.4
Selenium	BDL	NC	88.8	89.7	1.0	98.0	98.1	0.1
Silver	BDL	NC	100	99.3	0.7	111	109	1.8
QA/QC Batch 136119, QC Sample No: AS25052 (AS24790, AS24794, AS24795)								
Mercury	BDL		86.4	85.1	1.5	99.2	98.3	0.9
QA/QC Batch 136781, QC Sample No: AS28269 (AS24797, AS24798)								
ICP Metals - Soil								
Arsenic	BDL	NC	81.2	89.5	9.7	91.6	92.6	1.1
Barium	BDL	17.8	85.5	99.2	14.8	88.9	90.8	2.1
Cadmium	BDL	NC	87.4	96.9	10.3	95.1	95.4	0.3
Chromium	BDL	25.0	88.4	98.5	10.8	92.9	102	9.3
Lead	BDL	25.1	76.4	89.5	15.8	90.6	91.2	0.7
Selenium	BDL	NC	98.8	104	5.1	87.4	87.7	0.3
Silver	BDL	14.0	85.2	96.1	12.0	101	100	1.0

QA/QC Data

SDG I.D.: GAS24790

Parameter	Blank	Dup RPD	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD

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

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

Phyllis Shiller, Laboratory Director
October 01, 2009

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

October 01, 2009

QA/QC Data

SDG I.D.: GAS24790

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch 135378, QC Sample No: AS20513 (AS24790, AS24794, AS24795)							
Total Petroleum Hydrocarbons							
Total Petroleum Hydrocarbons	ND	106	111	4.6			
Comment: A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.							
QA/QC Batch 136100, QC Sample No: AS23020 (AS24790, AS24794, AS24795)							
Chlorinated Herbicides							
2,4,5-T	ND	68	87	24.5			
2,4,5-TP (Silvex)	ND	75	91	19.3			
2,4-D	ND	59	81	31.4			
2,4-DB	ND	60	80	28.6			
Dalapon	ND	81	50	47.3			
Dicamba	ND	81	100	21.0			
Dichloroprop	ND	62	80	25.4			
Dinoseb	ND	38	56	38.3			
% DCAA (Surrogate Rec)	108	30	35	15.4			
Comment: A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.							
QA/QC Batch 135793, QC Sample No: AS23086 (AS24791, AS24793, AS24797, AS24798, AS24801)							
Chlorinated Herbicides							
2,4,5-T	ND	52	52	0.0			
2,4,5-TP (Silvex)	ND	50	46	8.3			
2,4-D	ND	76	48	45.2			
2,4-DB	ND	57	56	1.8			
Dicamba	ND	80	74	7.8			
Dichloroprop	ND	64	50	24.6			
Dinoseb	ND	<30	<30	NC			
% DCAA (Surrogate Rec)	49	50	60	18.2			
Comment: An LCS/LCSD were prepped instead of an MS/MSD							
QA/QC Batch 135820, QC Sample No: AS24065 (AS24791, AS24792, AS24793, AS24796)							
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	101	76	28.2	118	89	28.0
% n-Pentacosane	34	90	128	34.9	Interference	Interference	NC

QA/QC Data

SDG I.D.: GAS24790

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch 135972, QC Sample No: AS24372 (AS24791, AS24792, AS24793, AS24796, AS24797, AS24798, AS24799, AS24801)							
Pesticides							
4,4' -DDD	ND	94	98	4.2	113	111	1.8
4,4' -DDE	ND	90	90	0.0	103	104	1.0
4,4' -DDT	ND	102	98	4.0	84	93	10.2
a-BHC	ND	90	88	2.2	100	101	1.0
a-Chlordane	ND	93	92	1.1	104	107	2.8
Alachlor	ND	N/A	N/A	NC	N/A	N/A	NC
Aldrin	ND	95	93	2.1	102	105	2.9
b-BHC	ND	81	80	1.2	96	99	3.1
Chlordane	ND	N/A	N/A	NC	N/A	N/A	NC
d-BHC	ND	83	83	0.0	98	102	4.0
Dieldrin	ND	94	93	1.1	106	107	0.9
Endosulfan I	ND	89	87	2.3	104	104	0.0
Endosulfan II	ND	79	83	4.9	111	111	0.0
Endosulfan sulfate	ND	85	87	2.3	102	105	2.9
Endrin	ND	76	77	1.3	97	93	4.2
Endrin aldehyde	ND	107	96	10.8	96	104	8.0
Endrin ketone	ND	92	93	1.1	106	109	2.8
g-BHC	ND	90	88	2.2	102	102	0.0
g-Chlordane	ND	92	90	2.2	102	104	1.9
Heptachlor	ND	91	90	1.1	96	96	0.0
Heptachlor epoxide	ND	93	91	2.2	103	104	1.0
Methoxychlor	ND	82	83	1.2	79	83	4.9
Toxaphene	ND	N/A	N/A	NC	N/A	N/A	NC
% DCBP	81	83	84	1.2	104	93	11.2
% TCMX	80	82	79	3.7	92	91	1.1
QA/QC Batch 135984, QC Sample No: AS24569 (AS24797, AS24798, AS24799, AS24801)							
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	68	65	4.5	38	57	40.0
% n-Pentacosane	64	81	74	9.0	42	68	47.3
QA/QC Batch 136276, QC Sample No: AS24612 (as24790, as24794, as24795)							
Volatiles							
1,1,1,2-Tetrachloroethane	ND	107	98	8.8	110	101	8.5
1,1,1-Trichloroethane	ND	108	97	10.7	115	100	14.0
1,1,2,2-Tetrachloroethane	ND	88	86	2.3	91	92	1.1
1,1,2-Trichloroethane	ND	101	90	11.5	102	98	4.0
1,1-Dichloroethane	ND	100	92	8.3	102	94	8.2
1,1-Dichloroethene	ND	91	82	10.4	101	95	6.1
1,1-Dichloropropene	ND	103	94	9.1	113	95	17.3
1,2,3-Trichlorobenzene	ND	>130	>130	NC	79	126	45.9
1,2,3-Trichloropropane	ND	112	114	1.8	111	105	5.6
1,2,4-Trichlorobenzene	ND	123	116	5.9	91	112	20.7
1,2,4-Trimethylbenzene	ND	108	99	8.7	108	101	6.7
1,2-Dibromo-3-chloropropane	ND	86	96	11.0	84	92	9.1
1,2-Dichlorobenzene	ND	102	93	9.2	97	97	0.0

QA/QC Data

SDG I.D.: GAS24790

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
1,2-Dichloroethane	ND	108	102	5.7	117	108	8.0
1,2-Dichloropropane	ND	102	93	9.2	103	92	11.3
1,3,5-Trimethylbenzene	ND	105	95	10.0	106	98	7.8
1,3-Dichlorobenzene	ND	103	95	8.1	101	96	5.1
1,3-Dichloropropane	ND	100	97	3.0	101	97	4.0
1,4-Dichlorobenzene	ND	100	94	6.2	98	97	1.0
2,2-Dichloropropane	ND	102	96	6.1	68	73	7.1
2-Chlorotoluene	ND	104	91	13.3	103	96	7.0
2-Hexanone	ND	92	93	1.1	86	87	1.2
2-Isopropyltoluene	ND	106	97	8.9	108	98	9.7
4-Chlorotoluene	ND	103	95	8.1	100	95	5.1
4-Methyl-2-pentanone	ND	100	92	8.3	101	96	5.1
Acetone	ND	91	90	1.1	106	105	0.9
Acrylonitrile	ND	94	104	10.1	97	97	0.0
Benzene	ND	112	92	19.6	115	102	12.0
Bromobenzene	ND	98	91	7.4	94	96	2.1
Bromochloromethane	ND	98	94	4.2	104	98	5.9
Bromodichloromethane	ND	112	103	8.4	117	105	10.8
Bromoform	ND	101	97	4.0	112	101	10.3
Bromomethane	ND	99	90	9.5	99	103	4.0
Carbon Disulfide	ND	86	74	15.0	90	90	0.0
Carbon tetrachloride	ND	118	102	14.5	131	110	17.4
Chlorobenzene	ND	104	96	8.0	103	95	8.1
Chloroethane	ND	98	85	14.2	93	97	4.2
Chloroform	ND	108	98	9.7	110	101	8.5
Chloromethane	ND	90	78	14.3	87	89	2.3
cis-1,2-Dichloroethene	ND	100	94	6.2	103	97	6.0
cis-1,3-Dichloropropene	ND	105	103	1.9	97	96	1.0
Dibromochloromethane	ND	105	101	3.9	111	100	10.4
Dibromoethane	ND	103	95	8.1	107	104	2.8
Dibromomethane	ND	99	93	6.3	109	102	6.6
Dichlorodifluoromethane	ND	77	<70	NC	110	97	12.6
Ethylbenzene	ND	103	95	8.1	107	96	10.8
Hexachlorobutadiene	ND	102	98	4.0	96	93	3.2
Isopropylbenzene	ND	99	90	9.5	104	95	9.0
m&p-Xylene	ND	104	96	8.0	109	98	10.6
Methyl ethyl ketone	ND	90	88	2.2	84	85	1.2
Methyl t-butyl ether (MTBE)	ND	109	103	5.7	106	108	1.9
Methylene chloride	ND	87	83	4.7	90	86	4.5
Naphthalene	ND	104	103	1.0	68	100	38.1
n-Butylbenzene	ND	112	102	9.3	108	100	7.7
n-Propylbenzene	ND	105	94	11.1	106	94	12.0
o-Xylene	ND	110	102	7.5	112	102	9.3
p-Isopropyltoluene	ND	111	100	10.4	110	99	10.5
sec-Butylbenzene	ND	108	98	9.7	110	97	12.6
Styrene	ND	108	100	7.7	112	101	10.3
tert-Butylbenzene	ND	108	96	11.8	108	98	9.7
Tetrachloroethene	ND	98	90	8.5	104	91	13.3
Tetrahydrofuran (THF)	ND	90	90	0.0	90	81	10.5

QA/QC Data

SDG I.D.: GAS24790

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
Toluene	ND	99	88	11.8	104	91	13.3
trans-1,2-Dichloroethene	ND	96	86	11.0	99	93	6.3
trans-1,3-Dichloropropene	ND	109	102	6.6	107	101	5.8
trans-1,4-dichloro-2-butene	ND	100	100	0.0	86	97	12.0
Trichloroethene	ND	99	90	9.5	103	94	9.1
Trichlorofluoromethane	ND	118	103	13.6	119	105	12.5
Trichlorotrifluoroethane	ND	107	98	8.8	110	95	14.6
Vinyl chloride	ND	96	83	14.5	90	94	4.3
% 1,2-dichlorobenzene-d4	106	99	99	0.0	101	101	0.0
% Bromofluorobenzene	92	104	105	1.0	109	108	0.9
% Dibromofluoromethane	102	98	99	1.0	101	100	1.0
% Toluene-d8	100	101	99	2.0	101	98	3.0

Comment:

A blank MS/MSD was analyzed with this batch.

QA/QC Batch 136094, QC Sample No: AS24790 (AS24790, AS24794, AS24795)

Pesticides

4,4' -DDD	ND	106	100	5.8
4,4' -DDE	ND	99	90	9.5
4,4' -DDT	ND	62	59	5.0
a-BHC	ND	92	91	1.1
a-Chlordane	ND	93	86	7.8
Alachlor	ND	N/A	N/A	NC
Aldrin	ND	97	94	3.1
b-BHC	ND	95	97	2.1
Chlordane	ND	N/A	N/A	NC
d-BHC	ND	107	108	0.9
Dieldrin	ND	93	86	7.8
Endosulfan I	ND	89	85	4.6
Endosulfan II	ND	90	90	0.0
Endosulfan sulfate	ND	95	91	4.3
Endrin	ND	91	86	5.6
Endrin aldehyde	ND	53	56	5.5
Endrin ketone	ND	91	92	1.1
g-BHC	ND	103	101	2.0
g-Chlordane	ND	90	84	6.9
Heptachlor	ND	98	88	10.8
Heptachlor epoxide	ND	89	86	3.4
Methoxychlor	ND	94	87	7.7
Toxaphene	ND	N/A	N/A	NC
% DCBP	69	73	68	7.1
% TCMX	69	75	73	2.7

Comment:

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

QA/QC Batch 136096, QC Sample No: AS24790 (AS24790, AS24794, AS24795)

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	62	64	3.2
1,2,4-Trichlorobenzene	ND	56	63	11.8
1,2-Dichlorobenzene	ND	63	72	13.3

QA/QC Data

SDG I.D.: GAS24790

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
1,3-Dichlorobenzene	ND	62	72	14.9			
1,4-Dichlorobenzene	ND	62	74	17.6			
2,4,5-Trichlorophenol	ND	62	73	16.3			
2,4,6-Trichlorophenol	ND	61	67	9.4			
2,4-Dichlorophenol	ND	57	59	3.4			
2,4-Dimethylphenol	ND	<30	32	NC			
2,4-Dinitrophenol	ND	<30	<30	NC			
2,4-Dinitrotoluene	ND	73	79	7.9			
2,6-Dinitrotoluene	ND	>130	>130	NC			
2-Chloronaphthalene	ND	68	72	5.7			
2-Chlorophenol	ND	54	54	0.0			
2-Methylnaphthalene	ND	63	68	7.6			
2-Methylphenol (o-cresol)	ND	58	65	11.4			
2-Nitroaniline	ND	92	102	10.3			
2-Nitrophenol	ND	84	85	1.2			
3&4-Methylphenol (m&p-cresol)	ND	64	66	3.1			
3,3'-Dichlorobenzidine	ND	N/A	N/A	NC			
3-Nitroaniline	ND	86	96	11.0			
4,6-Dinitro-2-methylphenol	ND	68	78	13.7			
4-Bromophenyl phenyl ether	ND	67	77	13.9			
4-Chloro-3-methylphenol	ND	71	80	11.9			
4-Chloroaniline	ND	43	74	53.0			
4-Chlorophenyl phenyl ether	ND	68	77	12.4			
4-Nitroaniline	ND	70	75	6.9			
4-Nitrophenol	ND	63	67	6.2			
Acenaphthene	ND	67	71	5.8			
Acenaphthylene	ND	68	73	7.1			
Acetophenone	ND	69	79	13.5			
Aniline	ND	N/A	N/A	NC			
Anthracene	ND	76	80	5.1			
Azobenzene	ND	103	115	11.0			
Benz(a)anthracene	ND	87	96	9.8			
Benzidine	ND	N/A	N/A	NC			
Benzo(a)pyrene	ND	69	80	14.8			
Benzo(b)fluoranthene	ND	78	88	12.0			
Benzo(ghi)perylene	ND	85	97	13.2			
Benzo(k)fluoranthene	ND	61	70	13.7			
Benzoic acid	ND	N/A	N/A	NC			
Benzyl butyl phthalate	ND	83	98	16.6			
Bis(2-chloroethoxy)methane	ND	55	60	8.7			
Bis(2-chloroethyl)ether	ND	66	82	21.6			
Bis(2-chloroisopropyl)ether	ND	90	100	10.5			
Bis(2-ethylhexyl)phthalate	ND	92	106	14.1			
Carbazole	ND	116	123	5.9			
Chrysene	ND	85	96	12.2			
Dibenz(a,h)anthracene	ND	85	96	12.2			
Dibenzofuran	ND	74	77	4.0			
Diethyl phthalate	ND	83	94	12.4			
Dimethylphthalate	ND	81	86	6.0			

QA/QC Data

SDG I.D.: GAS24790

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
Di-n-butylphthalate	ND	108	117	8.0			
Di-n-octylphthalate	ND	83	94	12.4			
Fluoranthene	ND	80	82	2.5			
Fluorene	ND	82	88	7.1			
Hexachlorobenzene	ND	95	96	1.0			
Hexachlorobutadiene	ND	61	71	15.2			
Hexachlorocyclopentadiene	ND	>130	<30	NC			
Hexachloroethane	ND	75	85	12.5			
Indeno(1,2,3-cd)pyrene	ND	84	94	11.2			
Isophorone	ND	77	84	8.7			
Naphthalene	ND	60	64	6.5			
Nitrobenzene	ND	81	97	18.0			
N-Nitrosodimethylamine	ND	52	67	25.2			
N-Nitrosodi-n-propylamine	ND	73	88	18.6			
N-Nitrosodiphenylamine	ND	87	93	6.7			
Pentachloronitrobenzene	ND	91	103	12.4			
Pentachlorophenol	ND	36	44	20.0			
Phenanthrene	ND	74	76	2.7			
Phenol	ND	60	70	15.4			
Pyrene	ND	80	82	2.5			
Pyridine	ND	>130	<30	NC			
% 2,4,6-Tribromophenol	96	108	104	3.8			
% 2-Fluorobiphenyl	64	60	68	12.5			
% 2-Fluorophenol	76	61	69	12.3			
% Nitrobenzene-d5	74	84	98	15.4			
% Phenol-d5	66	58	67	14.4			
% Terphenyl-d14	77	67	69	2.9			

Comment:

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

QA/QC Batch 136176, QC Sample No: AS24791 (AS24790, AS24791, AS24792, AS24793, AS24794, AS24795, AS24796, AS24797, AS24799, AS24801)

Polychlorinated Biphenyls

PCB-1016	ND	103	96	7.0			
PCB-1221	ND						
PCB-1232	ND						
PCB-1242	ND						
PCB-1248	ND						
PCB-1254	ND						
PCB-1260	ND	91	86	5.6			
PCB-1262	ND						
PCB-1268	ND						
% DCBP (Surrogate Rec)	102	95	89	6.5			
% TCMX (Surrogate Rec)	90	80	76	5.1			

Comment:

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

QA/QC Batch 136422, QC Sample No: AS24792 (AS24792, AS24796, AS24799)

Chlorinated Herbicides

2,4,5-T	ND	51	60	16.2			

QA/QC Data

SDG I.D.: GAS24790

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD	
2,4,5-TP (Silvex)	ND	62	70	12.1				
2,4-D	ND	50	73	37.4				
2,4-DB	ND	54	67	21.5				
Dicamba	ND	66	63	4.7				
Dichloroprop	ND	67	79	16.4				
Dinoseb	ND	40	38	5.1				
% DCAA (Surrogate Rec)	61	64	57	11.6				

Comment:

An lcs/lcsd was prepped instead of ms/msd (limited sample)

QA/QC Batch 136208, QC Sample No: AS24792 (AS24791, AS24792, AS24793, AS24796, AS24797, AS24798, AS24799, AS24800, AS24801, AS24839)

Volatiles

1,1,1,2-Tetrachloroethane	ND	88	91	3.4	83	76	8.8	
1,1,1-Trichloroethane	ND	84	85	1.2	82	77	6.3	
1,1,2,2-Tetrachloroethane	ND	83	83	0.0	77	69	11.0	3
1,1,2-Trichloroethane	ND	82	85	3.6	74	69	7.0	3
1,1-Dichloroethane	ND	81	88	8.3	80	78	2.5	
1,1-Dichloroethene	ND	82	88	7.1	91	92	1.1	
1,1-Dichloropropene	ND	78	83	6.2	82	78	5.0	
1,2,3-Trichlorobenzene	ND	94	92	2.2	58	51	12.8	3
1,2,3-Trichloropropane	ND	71	<70	NC	50	47	6.2	3
1,2,4-Trichlorobenzene	ND	89	85	4.6	62	53	15.7	3
1,2,4-Trimethylbenzene	ND	90	91	1.1	84	74	12.7	
1,2-Dibromo-3-chloropropane	ND	84	88	4.7	65	65	0.0	3
1,2-Dichlorobenzene	ND	94	97	3.1	79	70	12.1	
1,2-Dichloroethane	ND	76	76	0.0	68	64	6.1	3
1,2-Dichloropropane	ND	80	82	2.5	74	70	5.6	
1,3,5-Trimethylbenzene	ND	89	90	1.1	86	75	13.7	
1,3-Dichlorobenzene	ND	92	94	2.2	80	72	10.5	
1,3-Dichloropropane	ND	84	90	6.9	77	74	4.0	
1,4-Dichlorobenzene	ND	92	93	1.1	79	71	10.7	
2,2-Dichloropropane	ND	80	82	2.5	71	70	1.4	
2-Chlorotoluene	ND	93	93	0.0	89	77	14.5	
2-Hexanone	ND	<70	<70	NC	<30	<30	NC	
2-Isopropyltoluene	ND	92	94	2.2	85	75	12.5	
4-Chlorotoluene	ND	94	94	0.0	85	75	12.5	
4-Methyl-2-pentanone	ND	<70	<70	NC	48	49	2.1	
Acetone	ND	<70	<70	NC	37	31	17.6	
Acrylonitrile	ND	<70	<70	NC	<30	<30	NC	
Benzene	ND	80	86	7.2	79	76	3.9	
Bromobenzene	ND	96	95	1.0	87	76	13.5	
Bromochloromethane	ND	84	86	2.4	77	74	4.0	
Bromodichloromethane	ND	82	87	5.9	73	69	5.6	3
Bromoform	ND	75	77	2.6	61	58	5.0	3
Bromomethane	ND	79	84	6.1	74	71	4.1	
Carbon Disulfide	ND	76	81	6.4	82	81	1.2	
Carbon tetrachloride	ND	78	84	7.4	68	76	11.1	
Chlorobenzene	ND	82	85	3.6	75	72	4.1	
Chloroethane	ND	74	80	7.8	79	75	5.2	

QA/QC Data

SDG I.D.: GAS24790

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD	
Chloroform	ND	83	86	3.6	79	76	3.9	
Chloromethane	ND	<70	<70	NC	64	58	9.8	3
cis-1,2-Dichloroethene	ND	85	87	2.3	81	79	2.5	
cis-1,3-Dichloropropene	ND	79	80	1.3	67	62	7.8	3
Dibromochloromethane	ND	82	87	5.9	74	70	5.6	
Dibromoethane	ND	80	78	2.5	67	64	4.6	
Dibromomethane	ND	78	77	1.3	70	65	7.4	3
Dichlorodifluoromethane	ND	<70	<70	NC	78	71	9.4	
Ethylbenzene	ND	88	91	3.4	84	80	4.9	
Hexachlorobutadiene	ND	86	83	3.6	61	52	15.9	3
Isopropylbenzene	ND	89	90	1.1	95	83	13.5	
m&p-Xylene	ND	87	90	3.4	84	79	6.1	
Methyl ethyl ketone	ND	<70	<70	NC	34	31	9.2	
Methyl t-butyl ether (MTBE)	ND	88	90	2.2	78	75	3.9	
Methylene chloride	ND	85	88	3.5	79	77	2.6	
Naphthalene	ND	90	88	2.2	60	54	10.5	3
n-Butylbenzene	ND	87	88	1.1	76	68	11.1	3
n-Propylbenzene	ND	92	93	1.1	89	79	11.9	
o-Xylene	ND	88	91	3.4	84	78	7.4	
p-Isopropyltoluene	ND	91	92	1.1	83	74	11.5	
sec-Butylbenzene	ND	90	90	0.0	85	75	12.5	
Styrene	ND	87	89	2.3	74	70	5.6	
tert-Butylbenzene	ND	93	94	1.1	90	79	13.0	
Tetrachloroethene	ND	87	92	5.6	90	87	3.4	
Tetrahydrofuran (THF)	ND	<70	<70	NC	52	49	5.9	
Toluene	ND	82	83	1.2	80	77	3.8	
trans-1,2-Dichloroethene	ND	87	93	6.7	89	90	1.1	
trans-1,3-Dichloropropene	ND	76	77	1.3	62	58	6.7	3
trans-1,4-dichloro-2-butene	ND	71	<70	NC	50	47	6.2	
Trichloroethene	ND	86	88	2.3	85	82	3.6	
Trichlorofluoromethane	ND	89	97	8.6	87	88	1.1	
Trichlorotrifluoroethane	ND	89	97	8.6	92	94	2.2	
Vinyl chloride	ND	76	76	0.0	78	73	6.6	
% 1,2-dichlorobenzene-d4	101	101	100	1.0	99	101	2.0	
% Bromofluorobenzene	91	94	94	0.0	91	92	1.1	
% Dibromofluoromethane	88	98	95	3.1	91	92	1.1	
% Toluene-d8	94	95	95	0.0	93	93	0.0	

QA/QC Batch 136073, QC Sample No: AS24793 (AS24791, AS24792, AS24793, AS24796, AS24797, AS24798, AS24799, AS24801)

Polychlorinated Biphenyls

PCB-1016	ND	88	96	8.7	97	101	4.0	
PCB-1221	ND							
PCB-1232	ND							
PCB-1242	ND							
PCB-1248	ND							
PCB-1254	ND							
PCB-1260	ND	86	93	7.8	90	91	1.1	
PCB-1262	ND							
PCB-1268	ND							

QA/QC Data

SDG I.D.: GAS24790

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
% DCBP (Surrogate Rec)	75	71	76	6.8	77	81	5.1
% TCMX (Surrogate Rec)	75	66	70	5.9	73	75	2.7
QA/QC Batch 136075, QC Sample No: AS24793 (AS24791, AS24792, AS24793, AS24796, AS24797, AS24798, AS24799, AS24801)							
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	69	60	14.0	78	81	3.8
1,2,4-Trichlorobenzene	ND	63	61	3.2	72	76	5.4
1,2-Dichlorobenzene	ND	67	62	7.8	80	78	2.5
1,3-Dichlorobenzene	ND	69	65	6.0	75	73	2.7
1,4-Dichlorobenzene	ND	70	64	9.0	77	72	6.7
2,4,5-Trichlorophenol	ND	72	70	2.8	92	92	0.0
2,4,6-Trichlorophenol	ND	71	70	1.4	93	90	3.3
2,4-Dichlorophenol	ND	68	69	1.5	82	83	1.2
2,4-Dimethylphenol	ND	45	44	2.2	46	43	6.7
2,4-Dinitrophenol	ND	<30	<30	NC	NC	NC	NC
2,4-Dinitrotoluene	ND	79	72	9.3	89	80	10.7
2,6-Dinitrotoluene	ND	72	69	4.3	89	81	9.4
2-Chloronaphthalene	ND	74	71	4.1	89	89	0.0
2-Chlorophenol	ND	70	64	9.0	76	78	2.6
2-Methylnaphthalene	ND	73	68	7.1	80	82	2.5
2-Methylphenol (o-cresol)	ND	70	64	9.0	77	74	4.0
2-Nitroaniline	ND	>130	>130	NC	NC	NC	NC
2-Nitrophenol	ND	74	73	1.4	80	87	8.4
3&4-Methylphenol (m&p-cresol)	ND	77	64	18.4	78	73	6.6
3,3'-Dichlorobenzidine	ND	N/A	N/A	NC	N/A	N/A	NC
3-Nitroaniline	ND	>130	>130	NC	NC	NC	NC
4,6-Dinitro-2-methylphenol	ND	<30	35	NC	66	58	12.9
4-Bromophenyl phenyl ether	ND	83	74	11.5	91	93	2.2
4-Chloro-3-methylphenol	ND	78	67	15.2	84	84	0.0
4-Chloroaniline	ND	>130	>130	NC	NC	NC	NC
4-Chlorophenyl phenyl ether	ND	80	75	6.5	92	91	1.1
4-Nitroaniline	ND	95	89	6.5	105	94	11.1
4-Nitrophenol	ND	91	82	10.4	107	110	2.8
Acenaphthene	ND	74	70	5.6	89	82	8.2
Acenaphthylene	ND	76	71	6.8	89	85	4.6
Acetophenone	ND	77	69	11.0	82	82	0.0
Aniline	ND	N/A	N/A	NC	N/A	N/A	NC
Anthracene	ND	88	77	13.3	91	100	9.4
Azobenzene	ND	82	75	8.9	92	85	7.9
Benz(a)anthracene	ND	80	76	5.1	92	97	5.3
Benzidine	ND	N/A	N/A	NC	N/A	N/A	NC
Benzo(a)pyrene	ND	82	76	7.6	97	94	3.1
Benzo(b)fluoranthene	ND	79	71	10.7	96	102	6.1
Benzo(ghi)perylene	ND	83	76	8.8	83	83	0.0
Benzo(k)fluoranthene	ND	84	76	10.0	105	100	4.9
Benzoic acid	ND	N/A	N/A	NC	N/A	N/A	NC
Benzyl butyl phthalate	ND	80	73	9.2	79	NC	NC
Bis(2-chloroethoxy)methane	ND	70	71	1.4	82	84	2.4
Bis(2-chloroethyl)ether	ND	76	69	9.7	78	80	2.5

QA/QC Data

SDG I.D.: GAS24790

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
Bis(2-chloroisopropyl)ether	ND	75	67	11.3	84	82	2.4
Bis(2-ethylhexyl)phthalate	ND	78	75	3.9	85	92	7.9
Carbazole	ND	128	124	3.2	NC	NC	NC
Chrysene	ND	82	77	6.3	94	96	2.1
Dibenz(a,h)anthracene	ND	81	77	5.1	86	86	0.0
Dibenzofuran	ND	78	72	8.0	91	86	5.6
Diethyl phthalate	ND	87	79	9.6	98	91	7.4
Dimethylphthalate	ND	83	76	8.8	84	92	9.1
Di-n-butylphthalate	ND	90	79	13.0	85	100	16.2
Di-n-octylphthalate	ND	83	77	7.5	81	94	14.9
Fluoranthene	ND	80	77	3.8	96	102	6.1
Fluorene	ND	78	77	1.3	91	94	3.2
Hexachlorobenzene	ND	88	76	14.6	93	90	3.3
Hexachlorobutadiene	ND	64	61	4.8	65	68	4.5
Hexachlorocyclopentadiene	ND	71	70	1.4	31	34	9.2
Hexachloroethane	ND	75	66	12.8	69	72	4.3
Indeno(1,2,3-cd)pyrene	ND	82	76	7.6	86	84	2.4
Isophorone	ND	76	67	12.6	81	83	2.4
Naphthalene	ND	75	67	11.3	79	83	4.9
Nitrobenzene	ND	78	70	10.8	86	83	3.6
N-Nitrosodimethylamine	ND	67	58	14.4	72	67	7.2
N-Nitrosodi-n-propylamine	ND	75	71	5.5	85	82	3.6
N-Nitrosodiphenylamine	ND	112	104	7.4	124	121	2.4
Pentachloronitrobenzene	ND	92	81	12.7	97	96	1.0
Pentachlorophenol	ND	37	42	12.7	100	108	7.7
Phenanthrene	ND	84	72	15.4	91	94	3.2
Phenol	ND	75	69	8.3	78	76	2.6
Pyrene	ND	84	76	10.0	98	105	6.9
Pyridine	ND	69	58	17.3	62	40	43.1
% 2,4,6-Tribromophenol	97	101	88	13.8	100	105	4.9
% 2-Fluorobiphenyl	71	64	62	3.2	81	78	3.8
% 2-Fluorophenol	81	71	67	5.8	83	78	6.2
% Nitrobenzene-d5	82	75	68	9.8	80	75	6.5
% Phenol-d5	83	71	70	1.4	84	77	8.7
% Terphenyl-d14	69	71	65	8.8	78	83	6.2
QA/QC Batch 136270, QC Sample No: AS25246 (AS24791)							
Volatiles							
1,1,1,2-Tetrachloroethane	ND	88	87	1.1	89	87	2.3
1,1,1-Trichloroethane	ND	85	81	4.8	90	88	2.2
1,1,2,2-Tetrachloroethane	ND	89	89	0.0	88	86	2.3
1,1,2-Trichloroethane	ND	81	87	7.1	85	83	2.4
1,1-Dichloroethane	ND	97	84	14.4	89	99	10.6
1,1-Dichloroethene	ND	76	74	2.7	94	93	1.1
1,1-Dichloropropene	ND	80	81	1.2	92	90	2.2
1,2,3-Trichlorobenzene	ND	104	103	1.0	92	90	2.2
1,2,3-Trichloropropane	ND	78	78	0.0	68	66	3.0
1,2,4-Trichlorobenzene	ND	102	101	1.0	94	91	3.2
1,2,4-Trimethylbenzene	ND	97	95	2.1	97	92	5.3

3

QA/QC Data

SDG I.D.: GAS24790

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
1,2-Dibromo-3-chloropropane	ND	85	87	2.3	78	79	1.3
1,2-Dichlorobenzene	ND	99	96	3.1	94	91	3.2
1,2-Dichloroethane	ND	81	85	4.8	85	84	1.2
1,2-Dichloropropane	ND	91	94	3.2	97	94	3.1
1,3,5-Trimethylbenzene	ND	94	93	1.1	98	91	7.4
1,3-Dichlorobenzene	ND	101	98	3.0	96	94	2.1
1,3-Dichloropropane	ND	95	91	4.3	90	91	1.1
1,4-Dichlorobenzene	ND	99	96	3.1	94	91	3.2
2,2-Dichloropropane	ND	85	82	3.6	84	81	3.6
2-Chlorotoluene	ND	94	94	0.0	96	90	6.5
2-Hexanone	ND	102	109	6.6	72	63	13.3
2-Isopropyltoluene	ND	96	94	2.1	97	93	4.2
4-Chlorotoluene	ND	97	97	0.0	96	90	6.5
4-Methyl-2-pentanone	ND	91	104	13.3	85	81	4.8
Acetone	ND	82	102	21.7	71	51	32.8
Acrylonitrile	ND	<70	<70	NC	<30	<30	NC
Benzene	ND	84	85	1.2	92	91	1.1
Bromobenzene	ND	96	95	1.0	97	92	5.3
Bromochloromethane	ND	80	81	1.2	84	81	3.6
Bromodichloromethane	ND	84	86	2.4	84	81	3.6
Bromoform	ND	74	75	1.3	71	70	1.4
Bromomethane	ND	72	74	2.7	95	93	2.1
Carbon Disulfide	ND	72	<70	NC	93	94	1.1
Carbon tetrachloride	ND	78	<70	NC	85	84	1.2
Chlorobenzene	ND	85	83	2.4	85	84	1.2
Chloroethane	ND	79	75	5.2	91	91	0.0
Chloroform	ND	86	84	2.4	87	87	0.0
Chloromethane	ND	83	93	11.4	112	98	13.3
cis-1,2-Dichloroethene	ND	87	84	3.5	87	90	3.4
cis-1,3-Dichloropropene	ND	81	85	4.8	85	81	4.8
Dibromochloromethane	ND	82	80	2.5	80	80	0.0
Dibromoethane	ND	75	83	10.1	82	73	11.6
Dibromomethane	ND	76	81	6.4	82	78	5.0
Dichlorodifluoromethane	ND	<70	<70	NC	99	84	16.4
Ethylbenzene	ND	91	88	3.4	96	93	3.2
Hexachlorobutadiene	ND	98	100	2.0	96	93	3.2
Isopropylbenzene	ND	91	91	0.0	101	94	7.2
m&p-Xylene	ND	91	91	0.0	95	93	2.1
Methyl ethyl ketone	ND	82	101	20.8	68	56	19.4
Methyl t-butyl ether (MTBE)	ND	83	86	3.6	79	94	17.3
Methylene chloride	ND	80	77	3.8	80	79	1.3
Naphthalene	ND	89	90	1.1	83	81	2.4
n-Butylbenzene	ND	98	96	2.1	96	93	3.2
n-Propylbenzene	ND	95	94	1.1	98	92	6.3
o-Xylene	ND	90	91	1.1	95	91	4.3
p-Isopropyltoluene	ND	97	94	3.1	95	92	3.2
sec-Butylbenzene	ND	94	94	0.0	98	93	5.2
Styrene	ND	89	90	1.1	50	34	38.1
tert-Butylbenzene	ND	95	95	0.0	99	94	5.2

3

QA/QC Data

SDG I.D.: GAS24790

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
Tetrachloroethene	ND	98	92	6.3	119	109	8.8
Tetrahydrofuran (THF)	ND	80	94	16.1	85	76	11.2
Toluene	ND	84	87	3.5	93	91	2.2
trans-1,2-Dichloroethene	ND	84	80	4.9	92	94	2.2
trans-1,3-Dichloropropene	ND	74	82	10.3	79	74	6.5
trans-1,4-dichloro-2-butene	ND	78	78	0.0	68	66	3.0
Trichloroethene	ND	82	84	2.4	91	89	2.2
Trichlorofluoromethane	ND	89	84	5.8	93	94	1.1
Trichlorotrifluoroethane	ND	87	80	8.4	91	91	0.0
Vinyl chloride	ND	74	79	6.5	97	89	8.6
% 1,2-dichlorobenzene-d4	100	102	101	1.0	100	101	1.0
% Bromofluorobenzene	97	96	98	2.1	97	98	1.0
% Dibromofluoromethane	95	96	97	1.0	95	95	0.0
% Toluene-d8	96	94	98	4.2	98	97	1.0

3 = This parameter is outside laboratory ms/msd specified limits.

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

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

Phyllis Shiller, Laboratory Director
October 01, 2009

Thursday, October 01, 2009

Requested Criteria: GAM, GWP

Sample Criteria Exceedences Report

GAS24790

SampNo	LocCode	Acode	Phoenix Analyte	Criteria Units	ST	State Category	Criteria Name	Result	RL	Factored Criteria	Factored MDL Criteria	Analysis Units
AS24790	TRC	$8260GWR	Acrylonitrile	µg/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	5.0	0.5	0.5	ug/L
AS24790	TRC	$8260GWR	Dibromoethane	µg/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	1.0	0.05	0.05	ug/L
AS24790	TRC	$8270-SIMFSR	Pyridine	µg/L	CT	Semivolatile Organic Comp	GWPC (µg/L)	ND	10	0.7	0.7	ug/L
AS24790	TRC	$8270-SIMFSR	Aniline	µg/L	CT	Semivolatile Organic Comp	GWPC (µg/L)	ND	50	6	6	ug/L
AS24790	TRC	$8270-SIMFSR	4-Nitroaniline	µg/L	CT	Semivolatile Organic Comp	GWPC (µg/L)	ND	50	21	21	ug/L
AS24790	TRC	$8270-SIMFSR	Carbazole	µg/L	CT	Pesticides, Pcb's, Tph, A	GWPC (µg/L)	ND	50	10	10	ug/L
AS24790	TRC	$8270-SIMFSR	3,3'-Dichlorobenzidine	µg/L	CT	Semivolatile Organic Comp	GWPC (µg/L)	ND	20	10	10	ug/L
AS24791	TRC	$8260MAR	Acrylonitrile	mg/kg	CT	Volatile Organic Compound	GA/GAA PMC (mg/kg)	ND	27	10	10	ug/Kg
AS24791	TRC	$8260MAR	Benzene	mg/kg	CT	Volatile Organic Compound	GA/GAA PMC (mg/kg)	ND	27	20	20	ug/Kg
AS24791	TRC	$8260MAR	1,2-Dichloroethane	mg/kg	CT	Volatile Organic Compound	GA/GAA PMC (mg/kg)	ND	27	20	20	ug/Kg
AS24791	TRC	$8260MAR	Bromodichloromethane	mg/kg	CT	Volatile Organic Compound	GA/GAA PMC (mg/kg)	ND	27	11	11	ug/Kg
AS24791	TRC	$8260MAR	Dibromoethane	mg/kg	CT	Volatile Organic Compound	GA/GAA PMC (mg/kg)	ND	27	10	10	ug/Kg
AS24791	TRC	$8260MAR	Dibromochloromethane	mg/kg	CT	Volatile Organic Compound	GA/GAA PMC (mg/kg)	ND	27	10	10	ug/Kg
AS24791	TRC	$8260MAR	1,1,1,2-Tetrachloroethane	mg/kg	CT	Volatile Organic Compound	GA/GAA PMC (mg/kg)	ND	27	20	20	ug/Kg
AS24791	TRC	$8260MAR	1,1,2,2-Tetrachloroethane	mg/kg	CT	Volatile Organic Compound	GA/GAA PMC (mg/kg)	ND	27	10	10	ug/Kg
AS24794	TRC	$8260GWR	Acrylonitrile	µg/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	5.0	0.5	0.5	ug/L
AS24794	TRC	$8260GWR	Dibromoethane	µg/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	1.0	0.05	0.05	ug/L
AS24794	TRC	$8270-SIMFSR	Pyridine	µg/L	CT	Semivolatile Organic Comp	GWPC (µg/L)	ND	10	0.7	0.7	ug/L
AS24794	TRC	$8270-SIMFSR	Aniline	µg/L	CT	Semivolatile Organic Comp	GWPC (µg/L)	ND	50	6	6	ug/L
AS24794	TRC	$8270-SIMFSR	4-Nitroaniline	µg/L	CT	Semivolatile Organic Comp	GWPC (µg/L)	ND	50	21	21	ug/L
AS24794	TRC	$8270-SIMFSR	Carbazole	µg/L	CT	Pesticides, Pcb's, Tph, A	GWPC (µg/L)	ND	50	10	10	ug/L
AS24794	TRC	$8270-SIMFSR	3,3'-Dichlorobenzidine	µg/L	CT	Semivolatile Organic Comp	GWPC (µg/L)	ND	20	10	10	ug/L
AS24794	TRC	$8270-SIMR	Benz(a)anthracene	µg/L	CT	Semivolatile Organic Comp	GWPC (µg/L)	0.07	0.040	0.06	0.06	ug/L
AS24794	TRC	$PESTGAW	Aldrin	µg/L	CT	Pesticides, Pcb's, Tph, A	GWPC (µg/L)	0.006	0.003	0.0031	0.0031	ug/L
AS24795	TRC	$8260GWR	Acrylonitrile	µg/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	5.0	0.5	0.5	ug/L
AS24795	TRC	$8260GWR	Dibromoethane	µg/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	1.0	0.05	0.05	ug/L
AS24795	TRC	$8270-SIMFSR	Pyridine	µg/L	CT	Semivolatile Organic Comp	GWPC (µg/L)	ND	10	0.7	0.7	ug/L
AS24795	TRC	$8270-SIMFSR	Aniline	µg/L	CT	Semivolatile Organic Comp	GWPC (µg/L)	ND	50	6	6	ug/L
AS24795	TRC	$8270-SIMFSR	4-Nitroaniline	µg/L	CT	Semivolatile Organic Comp	GWPC (µg/L)	ND	50	21	21	ug/L
AS24795	TRC	$8270-SIMFSR	Carbazole	µg/L	CT	Pesticides, Pcb's, Tph, A	GWPC (µg/L)	ND	50	10	10	ug/L
AS24795	TRC	$8270-SIMFSR	3,3'-Dichlorobenzidine	µg/L	CT	Semivolatile Organic Comp	GWPC (µg/L)	ND	20	10	10	ug/L
AS24797	TRC	$8270-SMR	Phenanthrene	mg/kg	CT	Semivolatile Organic Comp	GA/GAA PMC (mg/kg)	4600	370	4000	4000	ug/Kg
AS24797	TRC	$8270-SMR	Fluoranthene	mg/kg	CT	Semivolatile Organic Comp	GA/GAA PMC (mg/kg)	9600	1800	5600	5600	ug/Kg
AS24797	TRC	$8270-SMR	Pyrene	mg/kg	CT	Semivolatile Organic Comp	GA/GAA PMC (mg/kg)	8100	1800	4000	4000	ug/Kg
AS24797	TRC	$8270-SMR	Benz(a)anthracene	mg/kg	CT	Semivolatile Organic Comp	GA/GAA PMC (mg/kg)	4400	370	1000	1000	ug/Kg
AS24797	TRC	$8270-SMR	Benzo(b)fluoranthene	mg/kg	CT	Semivolatile Organic Comp	GA/GAA PMC (mg/kg)	6700	1800	1000	1000	ug/Kg
AS24797	TRC	$8270-SMR	Benzo(k)fluoranthene	mg/kg	CT	Semivolatile Organic Comp	GA/GAA PMC (mg/kg)	2700	370	1000	1000	ug/Kg

Sample Criteria Exceedences Report

Requested Criteria: GAM, GWP

GAS24790

SampNo	LocCode	Acode	Phoenix Analyte	Criteria Units	ST	State Category	Criteria Name	Result	RL	Factored Criteria	Factored MDL Criteria	Analysis Units
AS24797	TRC	$8270-SMR	Benzo(a)pyrene	mg/kg	CT	Semivolatile Organic Comp	GA/GAA PMC (mg/kg)	5500	370	1000	1000	ug/Kg
AS24797	TRC	$8270-SMR	Indeno(1,2,3-cd)pyrene	mg/kg	CT	Semivolatile Organic Comp	GA/GAA PMC (mg/kg)	2800	370	1000	1000	ug/Kg
AS24798	TRC	$8270-SMR	Phenanthrene	mg/kg	CT	Semivolatile Organic Comp	GA/GAA PMC (mg/kg)	4900	370	4000	4000	ug/Kg
AS24798	TRC	$8270-SMR	Fluoranthene	mg/kg	CT	Semivolatile Organic Comp	GA/GAA PMC (mg/kg)	12000	1800	5600	5600	ug/Kg
AS24798	TRC	$8270-SMR	Pyrene	mg/kg	CT	Semivolatile Organic Comp	GA/GAA PMC (mg/kg)	11000	1800	4000	4000	ug/Kg
AS24798	TRC	$8270-SMR	Benz(a)anthracene	mg/kg	CT	Semivolatile Organic Comp	GA/GAA PMC (mg/kg)	5900	1800	1000	1000	ug/Kg
AS24798	TRC	$8270-SMR	Benzo(b)fluoranthene	mg/kg	CT	Semivolatile Organic Comp	GA/GAA PMC (mg/kg)	7800	1800	1000	1000	ug/Kg
AS24798	TRC	$8270-SMR	Benzo(k)fluoranthene	mg/kg	CT	Semivolatile Organic Comp	GA/GAA PMC (mg/kg)	2900	370	1000	1000	ug/Kg
AS24798	TRC	$8270-SMR	Benzo(a)pyrene	mg/kg	CT	Semivolatile Organic Comp	GA/GAA PMC (mg/kg)	6000	1800	1000	1000	ug/Kg
AS24798	TRC	$8270-SMR	Indeno(1,2,3-cd)pyrene	mg/kg	CT	Semivolatile Organic Comp	GA/GAA PMC (mg/kg)	2600	370	1000	1000	ug/Kg
AS24800	TRC	$8260MER	Chloromethane	mg/kg	CT	Volatile Organic Compound	GA/GAA PMC (mg/kg)	ND	250	54	54	ug/Kg
AS24800	TRC	$8260MER	Vinyl chloride	mg/kg	CT	Volatile Organic Compound	GA/GAA PMC (mg/kg)	ND	250	40	40	ug/Kg
AS24800	TRC	$8260MER	Bromomethane	mg/kg	CT	Volatile Organic Compound	GA/GAA PMC (mg/kg)	ND	250	200	200	ug/Kg
AS24800	TRC	$8260MER	1,1-Dichloroethene	mg/kg	CT	Volatile Organic Compound	GA/GAA PMC (mg/kg)	ND	250	140	140	ug/Kg
AS24800	TRC	$8260MER	Methylene chloride	mg/kg	CT	Volatile Organic Compound	GA/GAA PMC (mg/kg)	ND	500	100	100	ug/Kg
AS24800	TRC	$8260MER	Acrylonitrile	mg/kg	CT	Volatile Organic Compound	GA/GAA PMC (mg/kg)	ND	500	10	10	ug/Kg
AS24800	TRC	$8260MER	Chloroform	mg/kg	CT	Volatile Organic Compound	GA/GAA PMC (mg/kg)	ND	250	120	120	ug/Kg
AS24800	TRC	$8260MER	Carbon tetrachloride	mg/kg	CT	Volatile Organic Compound	GA/GAA PMC (mg/kg)	ND	250	100	100	ug/Kg
AS24800	TRC	$8260MER	Benzene	mg/kg	CT	Volatile Organic Compound	GA/GAA PMC (mg/kg)	ND	250	20	20	ug/Kg
AS24800	TRC	$8260MER	1,2-Dichloroethane	mg/kg	CT	Volatile Organic Compound	GA/GAA PMC (mg/kg)	ND	250	20	20	ug/Kg
AS24800	TRC	$8260MER	Trichloroethene	mg/kg	CT	Volatile Organic Compound	GA/GAA PMC (mg/kg)	ND	250	100	100	ug/Kg
AS24800	TRC	$8260MER	1,2-Dichloropropane	mg/kg	CT	Volatile Organic Compound	GA/GAA PMC (mg/kg)	ND	250	100	100	ug/Kg
AS24800	TRC	$8260MER	Bromodichloromethane	mg/kg	CT	Volatile Organic Compound	GA/GAA PMC (mg/kg)	ND	250	11	11	ug/Kg
AS24800	TRC	$8260MER	1,1,2-Trichloroethane	mg/kg	CT	Volatile Organic Compound	GA/GAA PMC (mg/kg)	ND	250	100	100	ug/Kg
AS24800	TRC	$8260MER	Dibromoethane	mg/kg	CT	Volatile Organic Compound	GA/GAA PMC (mg/kg)	ND	250	10	10	ug/Kg
AS24800	TRC	$8260MER	Tetrachloroethene	mg/kg	CT	Volatile Organic Compound	GA/GAA PMC (mg/kg)	ND	250	100	100	ug/Kg
AS24800	TRC	$8260MER	Dibromochloromethane	mg/kg	CT	Volatile Organic Compound	GA/GAA PMC (mg/kg)	ND	250	10	10	ug/Kg
AS24800	TRC	$8260MER	1,1,1,2-Tetrachloroethane	mg/kg	CT	Volatile Organic Compound	GA/GAA PMC (mg/kg)	ND	250	20	20	ug/Kg
AS24800	TRC	$8260MER	Bromoform	mg/kg	CT	Volatile Organic Compound	GA/GAA PMC (mg/kg)	ND	250	80	80	ug/Kg
AS24800	TRC	$8260MER	1,1,2,2-Tetrachloroethane	mg/kg	CT	Volatile Organic Compound	GA/GAA PMC (mg/kg)	ND	250	10	10	ug/Kg
AS24801	TRC	$8270-SMR	Phenanthrene	mg/kg	CT	Semivolatile Organic Comp	GA/GAA PMC (mg/kg)	8300	2200	4000	4000	ug/Kg
AS24801	TRC	$8270-SMR	Fluoranthene	mg/kg	CT	Semivolatile Organic Comp	GA/GAA PMC (mg/kg)	13000	2200	5600	5600	ug/Kg
AS24801	TRC	$8270-SMR	Pyrene	mg/kg	CT	Semivolatile Organic Comp	GA/GAA PMC (mg/kg)	9600	2200	4000	4000	ug/Kg
AS24801	TRC	$8270-SMR	Benz(a)anthracene	mg/kg	CT	Semivolatile Organic Comp	GA/GAA PMC (mg/kg)	4300	450	1000	1000	ug/Kg
AS24801	TRC	$8270-SMR	Benzo(b)fluoranthene	mg/kg	CT	Semivolatile Organic Comp	GA/GAA PMC (mg/kg)	6400	450	1000	1000	ug/Kg
AS24801	TRC	$8270-SMR	Benzo(k)fluoranthene	mg/kg	CT	Semivolatile Organic Comp	GA/GAA PMC (mg/kg)	1900	450	1000	1000	ug/Kg
AS24801	TRC	$8270-SMR	Benzo(a)pyrene	mg/kg	CT	Semivolatile Organic Comp	GA/GAA PMC (mg/kg)	4400	450	1000	1000	ug/Kg

Thursday, October 01, 2009

Sample Criteria Exceedences Report

Requested Criteria: GAM, GWP

GAS24790

SampNo	LocCode	Acode	Phoenix Analyte	Criteria Units	ST	State Category	Criteria Name	Result	RL	Factored Criteria	Factored MDL Criteria	Analysis Units
AS24801	TRC	$8270-SMR	Indeno(1,2,3-cd)pyrene	mg/kg	CT	Semivolatile Organic Comp	GA/GAA PMC (mg/kg)	1700	450	1000	1000	ug/Kg
AS24801	TRC	$PEST_SMR	g-BHC	mg/kg	CT	Pesticides, Pcb's, Tph, A	GA/GAA PMC (mg/kg)	ND	21	20	20	ug/Kg
AS24801	TRC	$PEST_SMR	Heptachlor epoxide	mg/kg	CT	Pesticides, Pcb's, Tph, A	GA/GAA PMC (mg/kg)	ND	21	20	20	ug/Kg

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

Reasonable Confidence Protocol
Laboratory Analysis QA/QC Certification Form

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

Project Location: FB091509 **Project Number:**

Laboratory Sample ID(s): AS24790, AS24791, AS24792, AS24793, AS24794, AS24795, AS24796, AS24797, AS24798, AS24799, AS24800, AS24801, AS24839

Sampling Date(s): 9/15/2009, 9/16/2009

RCP Methods Used:

☐ 1311/1312	☑ 6010	☐ 7000	☐ 7196	☑ 7470/7471	☑ 8081	☐ EPH
☑ 8082	☑ 8151	☑ 8260	☑ 8270	☑ ETPH	☐ 9010/9012	☐ VPH

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

Date: Friday, October 02, 2009

Printed Name: Kathleen Cressia

Position: QA/QC Officer

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RCP Certification Report

October 02, 2009

SDG I.D.: GAS24790

8270 Semi-volatile Orgaincs:
In order to achieve the requested reporting levels for the target compounds, the sample was extracted and analyzed via 8270 selective ion monitoring (SIM) as well as 8270 full scan.
Pyridine was analyzed only by full scan and the reporting level does not meet GWP criteria.

ETPH Narration

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

In some instances, the discrimination check standard had more than one outlier.

Instrument: Au-fid1 09/17/09-2 (AS24797, AS24799)

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: There were no outliers.

Printed Name Jeff Bucko
Position: Chemist
Date: 9/17/2009

Instrument: Au-xl1 09/18/09-1 (AS24793, AS24796)

Initial Calibration (FIDXL1 - Sept 2009/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:C9, C10, C12

Printed Name Jeff Bucko
Position: Chemist
Date: 9/18/2009

Instrument: Au-xl1 09/20/09-1 (AS24791, AS24792, AS24798, AS24801)

Initial Calibration (FIDXL1 - Sept 2009/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: C9, C10, C12, C14, C36

Printed Name Keith Aloisa
Position: Chemist
Date: 9/20/2009

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October 02, 2009

SDG I.D.: GAS24790

Instrument: Au-xl1 09/25/09-1 (AS24797)

Initial Calibration (FIDXL1 - Sept 2009/ETPH_1) - The initial calibration curve was within method criteria and had a %RSD less than 30%.

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

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

Printed Name Keith Aloisa
Position: Chemist
Date: 9/25/2009

Instrument: Dual_fid1 09/18/09-1 (AS24790, AS24794, AS24795)

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

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

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

Printed Name Jeff Bucko
Position: Chemist
Date: 9/18/2009

QC Comments: QC Batch 35378 09/08/09 (AS24790, AS24794, AS24795)

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

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.

Herbicide Narration

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

Dinoseb exhibited low recoveries, a negative sample bias can not be ruled out.

QC Comments: QC Batch 35793 09/14/09 (AS24791, AS24792, AS24793, AS24796, AS24797, AS24798, AS24799, AS24801)

An LCS/LCSD were prepped instead of an MS/MSD

QC Comments: QC Batch 36422 09/21/09 (AS24792, AS24796, AS24799)

An lcs/lcsd was prepped instead of ms/msd (limited sample)

QC Comments: QC Batch 36100 09/16/09 (AS24790, AS24794, AS24795)

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

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RCP Certification Report

October 02, 2009

SDG I.D.: GAS24790

QC (Site Specific)

All LCS recoveries were within 30 - 150 with the following exceptions: None.

All LCSD recoveries were within 30 - 150 with the following exceptions: None.

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

QC (Batch Specific)

All LCS recoveries were within 30 - 150 with the following exceptions: Dinoseb

All LCSD recoveries were within 30 - 150 with the following exceptions: Dinoseb

Mercury Narration

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

Instrument: Merlin 09/17/09-1 (AS24790, AS24791, AS24792, AS24793, AS24794, AS24795, AS24796, AS24797, AS24798, AS24799, AS24801)

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 Tina Hall
Position: Chemist
Date: 9/17/2009

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

All MSD recoveries were within 80 - 120 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.

ICP Narration

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

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RCP Certification Report

October 02, 2009

SDG I.D.: GAS24790

Instrument: Icp7 09/26/09-1 (AS24797, AS24798)

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

Printed Name Emily Kolominskaya
Position: Chemist
Date: 9/26/2009

Instrument: Icp9 09/20/09-1 (AS24790, AS24794, AS24795)

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 Laura Kinnin
Position: Chemist
Date: 9/20/2009

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

All MSD recoveries were within 75 - 125 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.

PCB Narration

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

SPLP PCBs: AS24791, AS24793, AS24799 had low DCBP surrogate recovery. A negative bias can not be ruled out.

Instrument: Au-ecd4 09/18/09-1 (AS24793)

8082 Narration:

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

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

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RCP Certification Report

October 02, 2009

SDG I.D.: GAS24790

Printed Name Michael Hahn
Position: Chemist
Date: 9/18/2009

Instrument: Au-ecd5 09/21/09-1 (AS24790)

8082 Narration:

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

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

Printed Name Michael Hahn
Position: Chemist
Date: 9/21/2009

Instrument: Au-ecd7 09/18/09-1 (AS24791, AS24792, AS24793, AS24796, AS24797, AS24799, AS24801)

8082 Narration:

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

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

Printed Name Michael Hahn
Position: Chemist
Date: 9/18/2009

Instrument: Au-ecd8 09/17/09-1 (AS24791, AS24792, AS24793, AS24796, AS24797, AS24798, AS24799, AS24801)

8082 Narration:

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

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

Printed Name Michael Hahn
Position: Chemist
Date: 9/17/2009

Instrument: Au-ecd8 09/18/09-1 (AS24794, AS24795)

8082 Narration:

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

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October 02, 2009

SDG I.D.: GAS24790

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

Printed Name Michael Hahn
Position: Chemist
Date: 9/18/2009

QC Comments: QC Batch 36176 09/17/09 (AS24790, AS24791, AS24792, AS24793, AS24794, AS24795, AS24796, AS24797, AS24799, AS24801)

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

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

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

PEST Narration

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

AS24794, AS24795: One of the surrogates was below acceptance criteria; insufficient sample to re-extract. A negative bias can not be ruled out.

Instrument: Au-ecd6 09/17/09-1 (AS24791, AS24792, AS24793, AS24796, AS24797, AS24798, AS24799, AS24801)

8081 Narration:
The initial calibration RSD for the compound list was less than 15% except for the following compounds: None

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

Printed Name Michael Hahn
Position: Chemist
Date: 9/17/2009

QC Comments: QC Batch 36094 09/16/09 (AS24790, AS24794, AS24795)

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

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RCP Certification Report

October 02, 2009

SDG I.D.: GAS24790

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.

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.

SVOA Narration

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

Instrument: Chem04 09/17/09-1 (AS24791, AS24792, AS24793, AS24796, AS24797, AS24798, AS24799, AS24801)

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

Initial Calibration (Chem04/SV_0915):
Greater than 90% of the target compounds met calibration criteria with a RSD <20% or >0.99 correlation coefficient. The following compounds had RSDs >20% and <0.99 correlation coefficient: Benzyl alcohol, benzoic acid, 4-chloroaniline, hexachllorocyclopentadiene, 3 nitroaniline, 2-nitroaniline, n-nitrosodiphenylamine, pentachlorophenol, carbazole
carbazole

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

Continuing Calibration:
Greater than 80% of target compounds met continuing calibraion criteria with a %D <20. The following compounds had >20% difference from the initial calibration: 4-Chloroaniline, 3-Nitroaniline, Carbazole

Printed Name Harry Mullin
Position: Chemist
Date: 9/17/2009

Instrument: Chem04 09/18/09-1 (AS24797, AS24798, AS24801)

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

Initial Calibration (Chem04/SV_0915):
Greater than 90% of the target compounds met calibration criteria with a RSD <20% or >0.99 correlation coefficient. The following compounds had RSDs >20% and <0.99 correlation coefficient: Benzyl alcohol, benzoic acid, 4-chloroaniline, hexachllorocyclopentadiene, 3 nitroaniline, 2-nitroaniline, n-nitrosodiphenylamine, pentachlorophenol, carbazole
carbazole

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

Continuing Calibration:

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

RCP Certification Report

October 02, 2009

SDG I.D.: GAS24790

Greater than 80% of target compounds met continuing calibraion criteria with a %D <20. The following compounds had >20% difference from the initial calibration: 4-Chloroaniline, 3-Nitroaniline, Carbazole, 4-Nitroaniline, 4-Nitrophenol, % 2,4,6-Tribromophenol

Printed Name Harry Mullin
Position: Chemist
Date: 9/18/2009

QC (Site Specific)

All LCS recoveries were within 30 - 130 with the following exceptions: 2,4-Dimethylphenol, 2,4-Dinitrophenol, 2,6-Dinitrotoluene, 2-Nitroaniline, 3-Nitroaniline, 4,6-Dinitro-2-methylphenol, 4-Chloroaniline, Hexachlorocyclopentadiene, Pyridine

All LCSD recoveries were within 30 - 130 with the following exceptions: 2,4-Dinitrophenol, 2,6-Dinitrotoluene, 2-Nitroaniline, 3-Nitroaniline, 4-Chloroaniline, Hexachlorocyclopentadiene, Pyridine

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

All MSD recoveries were within 30 - 130 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.

SVOASIM Narration

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

QC Comments: QC Batch 36096 09/16/09 (AS24790, AS24794, AS24795)

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: 2,4-Dimethylphenol, 2,4-Dinitrophenol, 2,6-Dinitrotoluene, Hexachlorocyclopentadiene, Pyridine

All LCSD recoveries were within 30 - 130 with the following exceptions: 2,4-Dinitrophenol, 2,6-Dinitrotoluene, Hexachlorocyclopentadiene, Pyridine
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? Yes.

Instrument: Chem02 09/16/09-1 (AS24790, AS24794, AS24795)

This instrument is set up with a dual auto sampler (labeled P and Q)

P-Side
Initial Calibration (0909P09)
All SPCCs, CCCs and >80% of target compounds met criteria.

Continuing Calibration Verification:

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

RCP Certification Report

October 02, 2009

SDG I.D.: GAS24790

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%:

Q-Side
Initial Calibration (0909Q09)
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%: Tetrahydrofuran (THF), Carbon Tetrachloride

Printed Name Johanna Harrington
Position: Chemist
Date: 9/16/2009

Instrument: Chem11 09/16/09-1 (AS24791, AS24792, AS24793, AS24796, AS24797, AS24798, AS24799, AS24800, AS24801, AS24839)

Initial Calibration Verification (CHEM11/RCP_091509):
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%: acrolein, Acetone, Acrylonitrile, Methyl Ethyl Ketone, 1,2,3-Trichloropropane, trans-1,4-Dichloro-2-butene

Printed Name Johanna Harrington
Position: Chemist
Date: 9/16/2009

Instrument: Chem11 09/17/09-1 (AS24791)

Initial Calibration Verification (CHEM11/RCP_091509):
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: 9/17/2009

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RCP Certification Report

October 02, 2009

SDG I.D.: GAS24790

QC (Site Specific)

All LCS recoveries were within 70 - 130 with the following exceptions: 2-Hexanone, 4-Methyl-2-pentanone, Acetone, Acrylonitrile, Chloromethane, Dichlorodifluoromethane, Methyl ethyl ketone, Tetrahydrofuran (THF)

All LCSD recoveries were within 70 - 130 with the following exceptions: 1,2,3-Trichloropropane, 2-Hexanone, 4-Methyl-2-pentanone, Acetone, Acrylonitrile, Chloromethane, Dichlorodifluoromethane, Methyl ethyl ketone, Tetrahydrofuran (THF), trans-1,4-dichloro-2-butene

All MS recoveries were within 70 - 130 with the following exceptions: 1,2,3-Trichlorobenzene, 1,2,3-Trichloropropane, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-chloropropane, 1,2-Dichloroethane, 2-Hexanone, 4-Methyl-2-pentanone, Acetone, Acrylonitrile, Bromoform, Carbon tetrachloride, Chloromethane, cis-1,3-Dichloropropene, Dibromoethane, Hexachlorobutadiene, Methyl ethyl ketone, Naphthalene, Tetrahydrofuran (THF), trans-1,3-Dichloropropene, trans-1,4-dichloro-2-butene

All MSD recoveries were within 70 - 130 with the following exceptions: 1,1,2,2-Tetrachloroethane, 1,1,2-Trichloroethane, 1,2,3-Trichlorobenzene, 1,2,3-Trichloropropane, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-chloropropane, 1,2-Dichloroethane, 2-Hexanone, 4-Methyl-2-pentanone, Acetone, Acrylonitrile, Bromodichloromethane, Bromoform, Chloromethane, cis-1,3-Dichloropropene, Dibromoethane, Dibromomethane, Hexachlorobutadiene, Methyl ethyl ketone, Naphthalene, n-Butylbenzene, Tetrahydrofuran (THF), trans-1,3-Dichloropropene, trans-1,4-dichloro-2-butene

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

QC (Batch Specific)

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

All LCSD recoveries were within 70 - 130 with the following exceptions: 1,2,3-Trichlorobenzene, Acrylonitrile, Carbon Disulfide, Carbon tetrachloride, Dichlorodifluoromethane

PHOENIX
Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

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

Temp 6° C Pg | of |

Data Delivery:
☐ Fax #: _____
☐ Email: _____

Customer: TRC
Address: 21 Griffin Road North, Windsor CT, 06095

Project: _____
Report to: Marya Mahoney
Invoice to: same

Project P.O: 15422
Phone #: 860-298-6226
Fax #: 860-298-6399

Client Sample - Information - Identification

Sampler's Signature _____ Date

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	SVOCs	PCBs	ETPH (total)	Herbicides	Pesticides	RCRA-8 Metals	SPLP PCBs	Soil VOA [1] Methanol [ ] S. Bisulfate (2) H20	GL Soil container (8) oz	GL Soil container ( ) oz (x2)	40 ml VOA Vial [ ] As is [3] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
24790	FB091509			0855	X	X	X	X	X	X	X					X	X			X			
24791	SB-1 (1-3)			0935	|	|	|	|	|	|	|	X		X	X									
24792	SB-2 (1-3)			0950	|	|	|	|	|	|	|	X		X	X									
24793	SB-2 (4.5-5)			1005	|	|	|	|	|	|	|	X		X	X									
24794	TW-1			1025	|	|	|	|	|	|	|					X	X			X				
24795	SW-1			1050	|	|	|	|	|	|	|					X	X			X				
24796	SB-3 (1-3)			1125	|	|	|	|	|	|	|	X		X	X									
24797	SB-4 (1-3)			1140	|	|	|	|	|	|	|	X		X	X									
(LB) 24798	SB-4A (~~4-6~~) (1-3)			1141	|	|	|	|	|	|	|			X	X									
24799	SB-4 (4-6)			1200	↓	↓	↓	↓	↓	↓	↓	X			X	X								
24800	SB091509 H *			1220	X										X								
24801	FED-1			1215	X	X	X	X	X	X	X	X			X	X								

Relinquished by:	Accepted by:	Date:	Time:
FEDEX		9-16-09	1030
	Kari Brylka	9-16-09	13:30

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

Comments, Special Requirements or Regulations:

Archive all samples for potential SPLP RCRA-8 metals analysis's

* 24839 SB091509 LL vocs

PHOENIX
Environmental Laboratories, Inc.

Thursday, October 08, 2009

Attn: Ms. Marya Mahoney
TRC Environmental Corp.
21 Griffen Rd North
Windsor, CT 06095

Project ID:
Sample ID#s: AS24790 - AS24791, AS24793, AS24796 - AS24797, AS24801, AS24839

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
TX Lab Registration #T104704451-09TX
VT Lab Registration #VT11301

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 08, 2009

FOR: Attn: Ms. Marya Mahoney
TRC Environmental Corp.
21 Griffen Rd North
Windsor, CT 06095

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:		09/15/09	8:55
Location Code:	TRC	Received by:	LB	09/16/09	13:30
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	15422				

Laboratory Data

SDG ID: GAS24790
Phoenix ID: AS24790

Project ID:

Client ID: FB091509

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.001	0.001	mg/L	09/20/09		LK	6010/200.7
Arsenic	< 0.004	0.004	mg/L	09/20/09		LK	6010/200.7
Barium	< 0.002	0.002	mg/L	09/20/09		LK	6010/200.7
Cadmium	< 0.001	0.001	mg/L	09/20/09		LK	6010/200.7
Chromium	< 0.001	0.001	mg/L	09/20/09		LK	6010/200.7
Mercury	< 0.0002	0.0002	mg/L	09/17/09		TH	7470/E245.1
Lead	< 0.002	0.002	mg/L	09/20/09		LK	6010/200.7
Selenium	< 0.010	0.010	mg/L	09/20/09		LK	6010/200.7
Extraction of CT ETPH	Completed			09/16/09		O/E	3510/3520
Mercury Digestion	Completed			09/17/09		K	7471/245.1
Extraction for Herbicide	Completed			09/16/09		O/D	SW8151
PCB Extraction	Completed			09/17/09		O/O	SW3510/3520
Extraction for Pest (2 Liter)	Completed			09/16/09		O/E	3520MOD
Semi-Volatile Extraction	Completed			09/16/09		O/E	SW3510/3520
Total Metals Digestion	Completed			09/16/09		AG	
Pesticides							
4,4' -DDD	ND	0.1	ug/L	09/18/09		MH	SW8081
4,4' -DDE	ND	0.1	ug/L	09/18/09		MH	SW8081
4,4' -DDT	ND	0.1	ug/L	09/18/09		MH	SW8081
a-BHC	ND	0.05	ug/L	09/18/09		MH	SW8081
Alachlor	ND	0.1	ug/L	09/18/09		MH	SW8081
Aldrin	ND	0.003	ug/L	09/18/09		MH	SW8081
b-BHC	ND	0.01	ug/L	09/18/09		MH	SW8081
Chlordane	ND	0.3	ug/L	09/18/09		MH	SW8081
d-BHC	ND	0.05	ug/L	09/18/09		MH	SW8081
Dieldrin	ND	0.002	ug/L	09/18/09		MH	SW8081
Endosulfan I	ND	0.05	ug/L	09/18/09		MH	SW8081
Endosulfan II	ND	0.1	ug/L	09/18/09		MH	SW8081

Project ID:

Client ID: FB091509

Phoenix I.D.: AS24790

Parameter	Result	RL	Units	Date	Time	By	Reference
Endosulfan Sulfate	ND	0.1	ug/L	09/18/09		MH	SW8081
Endrin	ND	0.1	ug/L	09/18/09		MH	SW8081
Endrin Aldehyde	ND	0.1	ug/L	09/18/09		MH	SW8081
g-BHC (Lindane)	ND	0.05	ug/L	09/18/09		MH	SW8081
Heptachlor	ND	0.05	ug/L	09/18/09		MH	SW8081
Heptachlor epoxide	ND	0.05	ug/L	09/18/09		MH	SW8081
Methoxychlor	ND	0.2	ug/L	09/18/09		MH	SW8081
Toxaphene	ND	1.0	ug/L	09/18/09		MH	SW8081
QA/QC Surrogates							
%DCBP (Surrogate Rec)	76		%	09/18/09		MH	SW8081
%TCMX (Surrogate Rec)	83		%	09/18/09		MH	SW8081
Chlorinated Herbicides							
2,4,5-T	ND	0.52	ug/L	09/18/09		JRB	SW8151
2,4,5-TP (Silvex)	ND	0.52	ug/L	09/18/09		JRB	SW8151
2,4-D	ND	1.0	ug/L	09/18/09		JRB	SW8151
2,4-DB	ND	3.1	ug/L	09/18/09		JRB	SW8151
Dalapon	ND	2.6	ug/L	09/18/09		JRB	SW8151
Dicamba	ND	0.52	ug/L	09/18/09		JRB	SW8151
Dichloroprop	ND	0.52	ug/L	09/18/09		JRB	SW8151
Dinoseb	ND	0.52	ug/L	09/18/09		JRB	SW8151
QA/QC Surrogates							
% DCAA	88		%	09/18/09		JRB	SW8151
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	09/17/09		R/J	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	09/17/09		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	09/17/09		R/J	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	09/17/09		R/J	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	09/17/09		R/J	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	09/17/09		R/J	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	09/17/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	09/17/09		R/J	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	09/17/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	09/17/09		R/J	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	09/17/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	09/17/09		R/J	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	09/17/09		R/J	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	09/17/09		R/J	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	09/17/09		R/J	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	09/17/09		R/J	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	09/17/09		R/J	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	09/17/09		R/J	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	09/17/09		R/J	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	09/17/09		R/J	SW8260
2-Chlorotoluene	ND	1.0	ug/L	09/17/09		R/J	SW8260
2-Hexanone	ND	5.0	ug/L	09/17/09		R/J	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	09/17/09		R/J	SW8260
4-Chlorotoluene	ND	1.0	ug/L	09/17/09		R/J	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	09/17/09		R/J	SW8260
Acetone	ND	50	ug/L	09/17/09		R/J	SW8260

Project ID:

Phoenix I.D.: AS24790

Client ID: FB091509

Parameter	Result	RL	Units	Date	Time	By	Reference
Acrylonitrile	ND	5.0	ug/L	09/17/09		R/J	SW8260
Benzene	ND	1.0	ug/L	09/17/09		R/J	SW8260
Bromobenzene	ND	1.0	ug/L	09/17/09		R/J	SW8260
Bromochloromethane	ND	1.0	ug/L	09/17/09		R/J	SW8260
Bromodichloromethane	ND	0.50	ug/L	09/17/09		R/J	SW8260
Bromoform	ND	1.0	ug/L	09/17/09		R/J	SW8260
Bromomethane	ND	1.0	ug/L	09/17/09		R/J	SW8260
Carbon Disulfide	ND	5.0	ug/L	09/17/09		R/J	SW8260
Carbon tetrachloride	ND	1.0	ug/L	09/17/09		R/J	SW8260
Chlorobenzene	ND	1.0	ug/L	09/17/09		R/J	SW8260
Chloroethane	ND	1.0	ug/L	09/17/09		R/J	SW8260
Chloroform	ND	1.0	ug/L	09/17/09		R/J	SW8260
Chloromethane	ND	1.0	ug/L	09/17/09		R/J	SW8260
cis-1,2-Dichloroethene	ND	1.0	ug/L	09/17/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	09/17/09		R/J	SW8260
Dibromochloromethane	ND	0.50	ug/L	09/17/09		R/J	SW8260
Dibromoethane	ND	1.0	ug/L	09/17/09		R/J	SW8260
Dibromomethane	ND	1.0	ug/L	09/17/09		R/J	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	09/17/09		R/J	SW8260
Ethylbenzene	ND	1.0	ug/L	09/17/09		R/J	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	09/17/09		R/J	SW8260
Isopropylbenzene	ND	1.0	ug/L	09/17/09		R/J	SW8260
m&p-Xylene	ND	1.0	ug/L	09/17/09		R/J	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	09/17/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	09/17/09		R/J	SW8260
Methylene chloride	ND	1.0	ug/L	09/17/09		R/J	SW8260
Naphthalene	ND	1.0	ug/L	09/17/09		R/J	SW8260
n-Butylbenzene	ND	1.0	ug/L	09/17/09		R/J	SW8260
n-Propylbenzene	ND	1.0	ug/L	09/17/09		R/J	SW8260
o-Xylene	ND	1.0	ug/L	09/17/09		R/J	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	09/17/09		R/J	SW8260
sec-Butylbenzene	ND	1.0	ug/L	09/17/09		R/J	SW8260
Styrene	ND	1.0	ug/L	09/17/09		R/J	SW8260
tert-Butylbenzene	ND	1.0	ug/L	09/17/09		R/J	SW8260
Tetrachloroethene	ND	1.0	ug/L	09/17/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	09/17/09		R/J	SW8260
Toluene	ND	1.0	ug/L	09/17/09		R/J	SW8260
Total Xylenes	ND	1.0	ug/L	09/17/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	09/17/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	09/17/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	09/17/09		R/J	SW8260
Trichloroethene	ND	1.0	ug/L	09/17/09		R/J	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	09/17/09		R/J	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	09/17/09		R/J	SW8260
Vinyl chloride	ND	1.0	ug/L	09/17/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	108		%	09/17/09		R/J	SW8260
% Bromofluorobenzene	92		%	09/17/09		R/J	SW8260
% Dibromofluoromethane	102		%	09/17/09		R/J	SW8260
% Toluene-d8	100		%	09/17/09		R/J	SW8260

Project ID:

Client ID: FB091509

Phoenix I.D.: AS24790

Parameter	Result	RL	Units	Date	Time	By	Reference
Semivolatiles							
1,2,4-Trichlorobenzene	ND	10	ug/L	09/21/09		HM	SW 8270
1,2-Dichlorobenzene	ND	10	ug/L	09/21/09		HM	SW 8270
1,3-Dichlorobenzene	ND	10	ug/L	09/21/09		HM	SW 8270
1,4-Dichlorobenzene	ND	10	ug/L	09/21/09		HM	SW 8270
2,4,5-Trichlorophenol	ND	10	ug/L	09/21/09		HM	SW 8270
2,4,6-Trichlorophenol	ND	10	ug/L	09/21/09		HM	SW 8270
2,4-Dichlorophenol	ND	10	ug/L	09/21/09		HM	SW 8270
2,4-Dimethylphenol	ND	10	ug/L	09/21/09		HM	SW 8270
2,4-Dinitrophenol	ND	50	ug/L	09/21/09		HM	SW 8270
2,4-Dinitrotoluene	ND	10	ug/L	09/21/09		HM	SW 8270
2,6-Dinitrotoluene	ND	10	ug/L	09/21/09		HM	SW 8270
2-Chloronaphthalene	ND	10	ug/L	09/21/09		HM	SW 8270
2-Chlorophenol	ND	10	ug/L	09/21/09		HM	SW 8270
2-Methylnaphthalene	ND	10	ug/L	09/21/09		HM	SW 8270
2-Methylphenol (o-cresol)	ND	10	ug/L	09/21/09		HM	SW 8270
2-Nitroaniline	ND	50	ug/L	09/21/09		HM	SW 8270
2-Nitrophenol	ND	10	ug/L	09/21/09		HM	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	10	ug/L	09/21/09		HM	SW 8270
3,3'-Dichlorobenzidine	ND	20	ug/L	09/21/09		HM	SW 8270
3-Nitroaniline	ND	50	ug/L	09/21/09		HM	SW 8270
4,6-Dinitro-2-methylphenol	ND	50	ug/L	09/21/09		HM	SW 8270
4-Bromophenyl phenyl ether	ND	10	ug/L	09/21/09		HM	SW 8270
4-Chloro-3-methylphenol	ND	20	ug/L	09/21/09		HM	SW 8270
4-Chloroaniline	ND	20	ug/L	09/21/09		HM	SW 8270
4-Chlorophenyl phenyl ether	ND	10	ug/L	09/21/09		HM	SW 8270
4-Nitroaniline	ND	50	ug/L	09/21/09		HM	SW 8270
4-Nitrophenol	ND	50	ug/L	09/21/09		HM	SW 8270
Acenaphthene	ND	10	ug/L	09/21/09		HM	SW 8270
Acetophenone	ND	10	ug/L	09/21/09		HM	SW 8270
Aniline	ND	50	ug/L	09/21/09		HM	SW 8270
Anthracene	ND	10	ug/L	09/21/09		HM	SW 8270
Azobenzene	ND	10	ug/L	09/21/09		HM	SW 8270
Benzidine	ND	20	ug/L	09/21/09		HM	SW 8270
Benzoic acid	ND	50	ug/L	09/21/09		HM	SW 8270
Benzyl butyl phthalate	ND	10	ug/L	09/21/09		HM	SW 8270
Bis(2-chloroethoxy)methane	ND	10	ug/L	09/21/09		HM	SW 8270
Bis(2-chloroethyl)ether	ND	10	ug/L	09/21/09		HM	SW 8270
Bis(2-chloroisopropyl)ether	ND	10	ug/L	09/21/09		HM	SW 8270
Carbazole	ND	50	ug/L	09/21/09		HM	SW 8270
Dibenzofuran	ND	10	ug/L	09/21/09		HM	SW 8270
Diethyl phthalate	ND	10	ug/L	09/21/09		HM	SW 8270
Dimethylphthalate	ND	10	ug/L	09/21/09		HM	SW 8270
Di-n-butylphthalate	ND	10	ug/L	09/21/09		HM	SW 8270
Di-n-octylphthalate	ND	10	ug/L	09/21/09		HM	SW 8270
Fluoranthene	ND	10	ug/L	09/21/09		HM	SW 8270
Fluorene	ND	10	ug/L	09/21/09		HM	SW 8270
Hexachlorobutadiene	ND	10	ug/L	09/21/09		HM	SW 8270
Hexachlorocyclopentadiene	ND	10	ug/L	09/21/09		HM	SW 8270
Isophorone	ND	10	ug/L	09/21/09		HM	SW 8270

Project ID:

Client ID: FB091509

Phoenix I.D.: AS24790

Parameter	Result	RL	Units	Date	Time	By	Reference
Naphthalene	ND	10	ug/L	09/21/09		HM	SW 8270
Nitrobenzene	ND	10	ug/L	09/21/09		HM	SW 8270
N-Nitrosodimethylamine	ND	10	ug/L	09/21/09		HM	SW 8270
N-Nitrosodi-n-propylamine	ND	10	ug/L	09/21/09		HM	SW 8270
N-Nitrosodiphenylamine	ND	10	ug/L	09/21/09		HM	SW 8270
Phenol	ND	10	ug/L	09/21/09		HM	SW 8270
Pyrene	ND	10	ug/L	09/21/09		HM	SW 8270
Pyridine	ND	10	ug/L	09/21/09		HM	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	115		%	09/21/09		HM	SW 8270
% 2-Fluorobiphenyl	60		%	09/21/09		HM	SW 8270
% 2-Fluorophenol	73		%	09/21/09		HM	SW 8270
% Nitrobenzene-d5	77		%	09/21/09		HM	SW 8270
% Phenol-d5	65		%	09/21/09		HM	SW 8270
% Terphenyl-d14	74		%	09/21/09		HM	SW 8270
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	1.6	ug/L	09/21/09		HM	SW8270 (SIM)
Acenaphthylene	ND	0.24	ug/L	09/21/09		HM	SW8270 (SIM)
Benz(a)anthracene	ND	0.040	ug/L	09/21/09		HM	SW8270 (SIM)
Benzo(a)pyrene	ND	0.16	ug/L	09/21/09		HM	SW8270 (SIM)
Benzo(b)fluoranthene	ND	0.064	ug/L	09/21/09		HM	SW8270 (SIM)
Benzo(ghi)perylene	ND	3.0	ug/L	09/21/09		HM	SW8270 (SIM)
Benzo(k)fluoranthene	ND	0.24	ug/L	09/21/09		HM	SW8270 (SIM)
Bis(2-ethylhexyl)phthalate	ND	1.6	ug/L	09/21/09		HM	SW8270 (SIM)
Chrysene	ND	1.6	ug/L	09/21/09		HM	SW8270 (SIM)
Dibenz(a,h)anthracene	ND	0.20	ug/L	09/21/09		HM	SW8270 (SIM)
Hexachlorobenzene	ND	0.060	ug/L	09/21/09		HM	SW8270 (SIM)
Hexachloroethane	ND	2.4	ug/L	09/21/09		HM	SW8270 (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	09/21/09		HM	SW8270 (SIM)
Pentachloronitrobenzene	ND	0.10	ug/L	09/21/09		HM	SW8270 (SIM)
Pentachlorophenol	ND	0.80	ug/L	09/21/09		HM	SW8270 (SIM)
Phenanthrene	ND	0.060	ug/L	09/21/09		HM	SW8270 (SIM)
QA/QC Surrogates							
% 2,4,6-Tribromophenol	115		%	09/21/09		HM	SW8270 (SIM)
% 2-Fluorobiphenyl	60		%	09/21/09		HM	SW8270 (SIM)
% 2-Fluorophenol	73		%	09/21/09		HM	SW8270 (SIM)
% Nitrobenzene-d5	77		%	09/21/09		HM	SW8270 (SIM)
% Phenol-d5	65		%	09/21/09		HM	SW8270 (SIM)
% Terphenyl-d14	74		%	09/21/09		HM	SW8270 (SIM)
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	0.070	mg/L	09/18/09		JRB	CT ETPH
Identification	ND		mg/L	09/18/09		JRB	CT ETPH
QA/QC Surrogates							
% n-Pentacosane	93		%	09/18/09		JRB	CT ETPH
Polychlorinated Biphenyls							
PCB-1016	ND	0.50	ug/L	09/21/09		MH	608/ 8082
PCB-1221	ND	0.50	ug/L	09/21/09		MH	608/ 8082
PCB-1232	ND	0.50	ug/L	09/21/09		MH	608/ 8082

Project ID:
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Parameter	Result	RL	Units	Date	Time	By	Reference
PCB-1242	ND	0.50	ug/L	09/21/09		MH	608/ 8082
PCB-1248	ND	0.50	ug/L	09/21/09		MH	608/ 8082
PCB-1254	ND	0.50	ug/L	09/21/09		MH	608/ 8082
PCB-1260	ND	0.50	ug/L	09/21/09		MH	608/ 8082
PCB-1262	ND	0.50	ug/L	09/21/09		MH	608/ 8082
PCB-1268	ND	0.50	ug/L	09/21/09		MH	608/ 8082
QA/QC Surrogates							
% DCBP	76		%	09/21/09		MH	608/ 8082
% TCMX	82		%	09/21/09		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

Phyllis Shiller, Laboratory Director
October 08, 2009

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 08, 2009

FOR: Attn: Ms. Marya Mahoney
TRC Environmental Corp.
21 Griffen Rd North
Windsor, CT 06095

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		09/15/09	9:35
Location Code:	TRC	Received by:	LB	09/16/09	13:30
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	15422				

Laboratory Data

SDG ID: GAS24790
Phoenix ID: AS24791

Project ID:

Client ID: SB-1 (1-3)

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.37	0.37	mg/Kg	09/17/09		EK	SW6010
Arsenic	6.0	0.7	mg/Kg	09/17/09		EK	SW6010
Barium	1720	0.37	mg/Kg	09/17/09		EK	SW6010
Cadmium	< 0.37	0.37	mg/Kg	09/17/09		EK	SW6010
Chromium	5.87	0.37	mg/Kg	09/17/09		EK	SW6010
Mercury	0.23	0.08	mg/Kg	09/17/09		LK	SW-7471
Lead	71.1	0.37	mg/Kg	09/17/09		EK	SW6010
Selenium	< 1.8	1.8	mg/Kg	09/17/09		EK	SW6010
SPLP Silver	< 0.010	0.010	mg/L	10/07/09		EK	E1312/SW6010
SPLP Arsenic	< 0.004	0.004	mg/L	10/07/09		EK	E1312/SW6010
SPLP Barium	0.261	0.010	mg/L	10/07/09		EK	E1312/SW6010
SPLP Cadmium	< 0.005	0.005	mg/L	10/07/09		EK	E1312/SW6010
SPLP Chromium	< 0.010	0.010	mg/L	10/07/09		EK	E1312/SW6010
SPLP Mercury	< 0.001	0.001	mg/L	10/07/09		RS	1312/245.1
SPLP Lead	0.017	0.015	mg/L	10/07/09		EK	E1312/SW6010
SPLP Selenium	< 0.020	0.020	mg/L	10/07/09		EK	E1312/SW6010
Percent Solid	92		%	09/16/09		s-JL	E160.3
Soil Extraction for PCB	Completed			09/16/09		BB/D	SW3545
Soil Extraction for Pesticide	Completed			09/16/09		BB	SW3545
Soil Extraction for SVOA	Completed			09/16/09		QS/D	SW3545
Extraction of CT ETPH	Completed			09/16/09		QS/D	3545
Mercury Digestion	Completed			09/17/09		K	SW7471
Soil Extraction for Herbicide	Completed			09/16/09		M/D	SW8151
SPLP PCB Extraction	Completed			09/17/09		O/O	SW3510/3520
SPLP Digestion Mercury	Completed			10/07/09		K	E1312/SW7470
SPLP Extraction for Metals	Completed			10/06/09		k	EPA 1312
SPLP Extraction for Organics	Completed			09/16/09		K	EPA1312
Total Metals Digest	Completed			09/16/09		AG/C	SW846 - 3050
SPLP Metals Digestion	Completed			10/07/09		K	SW846-3005

Project ID:

Phoenix I.D.: AS24791

Client ID: SB-1 (1-3)

Parameter	Result	RL	Units	Date	Time	By	Reference	
Field Extraction	Completed			09/15/09		TRC	SW5035	1
SPLP Polychlorinated Biphenyls								
PCB-1016	ND	0.5	ug/L	09/18/09		MH	SW8082	
PCB-1221	ND	0.5	ug/L	09/18/09		MH	SW8082	
PCB-1232	ND	0.5	ug/L	09/18/09		MH	SW8082	
PCB-1242	ND	0.5	ug/L	09/18/09		MH	SW8082	
PCB-1248	ND	0.5	ug/L	09/18/09		MH	SW8082	
PCB-1254	ND	0.5	ug/L	09/18/09		MH	SW8082	
PCB-1260	ND	0.5	ug/L	09/18/09		MH	SW8082	
PCB-1262	ND	0.5	ug/L	09/18/09		MH	SW8082	
PCB-1268	ND	0.5	ug/L	09/18/09		MH	SW8082	
QA/QC Surrogates								
%DCBP (Surrogate Rec)	<30***		%	09/18/09		MH	SW8082	
%TCMX (Surrogate Rec)	69		%	09/18/09		MH	SW8082	
Chlorinated Herbicides								
2,4,5-T	ND	110	ug/Kg	09/17/09		JRB	SW8151	
2,4,5-TP (Silvex)	ND	110	ug/Kg	09/17/09		JRB	SW8151	
2,4-D	ND	110	ug/Kg	09/17/09		JRB	SW8151	
2,4-DB	ND	1100	ug/Kg	09/17/09		JRB	SW8151	
Dalapon	ND	540	ug/Kg	09/17/09		JRB	SW8151	
Dicamba	ND	320	ug/Kg	09/17/09		JRB	SW8151	
Dichloroprop	ND	110	ug/Kg	09/17/09		JRB	SW8151	
Dinoseb	ND	210	ug/Kg	09/17/09		JRB	SW8151	
QA/QC Surrogates								
% DCAA	47		%	09/17/09		JRB	SW8151	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	27	ug/Kg	09/17/09		R/J	SW8260	
1,1,1-Trichloroethane	ND	27	ug/Kg	09/17/09		R/J	SW8260	
1,1,2,2-Tetrachloroethane	ND	27	ug/Kg	09/17/09		R/J	SW8260	
1,1,2-Trichloroethane	ND	27	ug/Kg	09/17/09		R/J	SW8260	
1,1-Dichloroethane	ND	27	ug/Kg	09/17/09		R/J	SW8260	
1,1-Dichloroethene	ND	27	ug/Kg	09/17/09		R/J	SW8260	
1,1-Dichloropropene	ND	27	ug/Kg	09/17/09		R/J	SW8260	
1,2,3-Trichlorobenzene	ND	27	ug/Kg	09/17/09		R/J	SW8260	
1,2,3-Trichloropropane	ND	27	ug/Kg	09/17/09		R/J	SW8260	
1,2,4-Trichlorobenzene	ND	27	ug/Kg	09/17/09		R/J	SW8260	
1,2,4-Trimethylbenzene	ND	27	ug/Kg	09/17/09		R/J	SW8260	
1,2-Dibromo-3-chloropropane	ND	27	ug/Kg	09/17/09		R/J	SW8260	
1,2-Dichlorobenzene	ND	27	ug/Kg	09/17/09		R/J	SW8260	
1,2-Dichloroethane	ND	27	ug/Kg	09/17/09		R/J	SW8260	
1,2-Dichloropropane	ND	27	ug/Kg	09/17/09		R/J	SW8260	
1,3,5-Trimethylbenzene	ND	27	ug/Kg	09/17/09		R/J	SW8260	
1,3-Dichlorobenzene	ND	27	ug/Kg	09/17/09		R/J	SW8260	
1,3-Dichloropropane	ND	27	ug/Kg	09/17/09		R/J	SW8260	
1,4-Dichlorobenzene	ND	27	ug/Kg	09/17/09		R/J	SW8260	
2,2-Dichloropropane	ND	27	ug/Kg	09/17/09		R/J	SW8260	
2-Chlorotoluene	ND	27	ug/Kg	09/17/09		R/J	SW8260	
2-Hexanone	ND	140	ug/Kg	09/17/09		R/J	SW8260	
2-Isopropyltoluene	ND	27	ug/Kg	09/17/09		R/J	SW8260	

Project ID:

Client ID: SB-1 (1-3)

Phoenix I.D.: AS24791

Parameter	Result	RL	Units	Date	Time	By	Reference
4-Chlorotoluene	ND	27	ug/Kg	09/17/09		R/J	SW8260
4-Methyl-2-pentanone	ND	140	ug/Kg	09/17/09		R/J	SW8260
Acetone	ND	540	ug/Kg	09/17/09		R/J	SW8260
Acrylonitrile	ND	27	ug/Kg	09/17/09		R/J	SW8260
Benzene	ND	27	ug/Kg	09/17/09		R/J	SW8260
Bromobenzene	ND	27	ug/Kg	09/17/09		R/J	SW8260
Bromochloromethane	ND	27	ug/Kg	09/17/09		R/J	SW8260
Bromodichloromethane	ND	27	ug/Kg	09/17/09		R/J	SW8260
Bromoform	ND	27	ug/Kg	09/17/09		R/J	SW8260
Bromomethane	ND	27	ug/Kg	09/17/09		R/J	SW8260
Carbon Disulfide	ND	27	ug/Kg	09/17/09		R/J	SW8260
Carbon tetrachloride	ND	27	ug/Kg	09/17/09		R/J	SW8260
Chlorobenzene	ND	27	ug/Kg	09/17/09		R/J	SW8260
Chloroethane	ND	27	ug/Kg	09/17/09		R/J	SW8260
Chloroform	ND	27	ug/Kg	09/17/09		R/J	SW8260
Chloromethane	ND	27	ug/Kg	09/17/09		R/J	SW8260
cis-1,2-Dichloroethene	ND	27	ug/Kg	09/17/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	27	ug/Kg	09/17/09		R/J	SW8260
Dibromochloromethane	ND	27	ug/Kg	09/17/09		R/J	SW8260
Dibromoethane	ND	27	ug/Kg	09/17/09		R/J	SW8260
Dibromomethane	ND	27	ug/Kg	09/17/09		R/J	SW8260
Dichlorodifluoromethane	ND	27	ug/Kg	09/17/09		R/J	SW8260
Ethylbenzene	ND	27	ug/Kg	09/17/09		R/J	SW8260
Hexachlorobutadiene	ND	27	ug/Kg	09/17/09		R/J	SW8260
Isopropylbenzene	ND	27	ug/Kg	09/17/09		R/J	SW8260
m&p-Xylene	ND	27	ug/Kg	09/17/09		R/J	SW8260
Methyl Ethyl Ketone	ND	160	ug/Kg	09/17/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	54	ug/Kg	09/17/09		R/J	SW8260
Methylene chloride	ND	27	ug/Kg	09/17/09		R/J	SW8260
Naphthalene	580	27	ug/Kg	09/17/09		R/J	SW8260
n-Butylbenzene	ND	27	ug/Kg	09/17/09		R/J	SW8260
n-Propylbenzene	ND	27	ug/Kg	09/17/09		R/J	SW8260
o-Xylene	ND	27	ug/Kg	09/17/09		R/J	SW8260
p-Isopropyltoluene	ND	27	ug/Kg	09/17/09		R/J	SW8260
sec-Butylbenzene	ND	27	ug/Kg	09/17/09		R/J	SW8260
Styrene	ND	27	ug/Kg	09/17/09		R/J	SW8260
tert-Butylbenzene	ND	27	ug/Kg	09/17/09		R/J	SW8260
Tetrachloroethene	ND	27	ug/Kg	09/17/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	54	ug/Kg	09/17/09		R/J	SW8260
Toluene	ND	27	ug/Kg	09/17/09		R/J	SW8260
Total Xylenes	ND	27	ug/Kg	09/17/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	27	ug/Kg	09/17/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	27	ug/Kg	09/17/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	54	ug/Kg	09/17/09		R/J	SW8260
Trichloroethene	ND	27	ug/Kg	09/17/09		R/J	SW8260
Trichlorofluoromethane	ND	27	ug/Kg	09/17/09		R/J	SW8260
Trichlorotrifluoroethane	ND	27	ug/Kg	09/17/09		R/J	SW8260
Vinyl chloride	ND	27	ug/Kg	09/17/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	103		%	09/17/09		R/J	SW8260
% Bromofluorobenzene	89		%	09/17/09		R/J	SW8260

Project ID:

Client ID: SB-1 (1-3)

Phoenix I.D.: AS24791

Parameter	Result	RL	Units	Date	Time	By	Reference
% Dibromofluoromethane	94		%	09/17/09		R/J	SW8260
% Toluene-d8	95		%	09/17/09		R/J	SW8260
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	360	ug/Kg	09/17/09		HM	SW 8270
1,2,4-Trichlorobenzene	ND	360	ug/Kg	09/17/09		HM	SW 8270
1,2-Dichlorobenzene	ND	360	ug/Kg	09/17/09		HM	SW 8270
1,3-Dichlorobenzene	ND	360	ug/Kg	09/17/09		HM	SW 8270
1,4-Dichlorobenzene	ND	360	ug/Kg	09/17/09		HM	SW 8270
2,4,5-Trichlorophenol	ND	360	ug/Kg	09/17/09		HM	SW 8270
2,4,6-Trichlorophenol	ND	360	ug/Kg	09/17/09		HM	SW 8270
2,4-Dichlorophenol	ND	360	ug/Kg	09/17/09		HM	SW 8270
2,4-Dimethylphenol	ND	360	ug/Kg	09/17/09		HM	SW 8270
2,4-Dinitrophenol	ND	570	ug/Kg	09/17/09		HM	SW 8270
2,4-Dinitrotoluene	ND	360	ug/Kg	09/17/09		HM	SW 8270
2,6-Dinitrotoluene	ND	360	ug/Kg	09/17/09		HM	SW 8270
2-Chloronaphthalene	ND	360	ug/Kg	09/17/09		HM	SW 8270
2-Chlorophenol	ND	360	ug/Kg	09/17/09		HM	SW 8270
2-Methylnaphthalene	ND	360	ug/Kg	09/17/09		HM	SW 8270
2-Methylphenol (o-cresol)	ND	360	ug/Kg	09/17/09		HM	SW 8270
2-Nitroaniline	ND	570	ug/Kg	09/17/09		HM	SW 8270
2-Nitrophenol	ND	360	ug/Kg	09/17/09		HM	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	360	ug/Kg	09/17/09		HM	SW 8270
3,3'-Dichlorobenzidine	ND	430	ug/Kg	09/17/09		HM	SW 8270
3-Nitroaniline	ND	570	ug/Kg	09/17/09		HM	SW 8270
4,6-Dinitro-2-methylphenol	ND	1000	ug/Kg	09/17/09		HM	SW 8270
4-Bromophenyl phenyl ether	ND	360	ug/Kg	09/17/09		HM	SW 8270
4-Chloro-3-methylphenol	ND	430	ug/Kg	09/17/09		HM	SW 8270
4-Chloroaniline	ND	430	ug/Kg	09/17/09		HM	SW 8270
4-Chlorophenyl phenyl ether	ND	360	ug/Kg	09/17/09		HM	SW 8270
4-Nitroaniline	ND	570	ug/Kg	09/17/09		HM	SW 8270
4-Nitrophenol	ND	1000	ug/Kg	09/17/09		HM	SW 8270
Acenaphthene	ND	360	ug/Kg	09/17/09		HM	SW 8270
Acenaphthylene	ND	360	ug/Kg	09/17/09		HM	SW 8270
Acetophenone	ND	360	ug/Kg	09/17/09		HM	SW 8270
Aniline	ND	1000	ug/Kg	09/17/09		HM	SW 8270
Anthracene	ND	360	ug/Kg	09/17/09		HM	SW 8270
Azobenzene	ND	360	ug/Kg	09/17/09		HM	SW 8270
Benz(a)anthracene	ND	360	ug/Kg	09/17/09		HM	SW 8270
Benzidine	ND	360	ug/Kg	09/17/09		HM	SW 8270
Benzo(a)pyrene	ND	360	ug/Kg	09/17/09		HM	SW 8270
Benzo(b)fluoranthene	ND	360	ug/Kg	09/17/09		HM	SW 8270
Benzo(ghi)perylene	ND	360	ug/Kg	09/17/09		HM	SW 8270
Benzo(k)fluoranthene	ND	360	ug/Kg	09/17/09		HM	SW 8270
Benzoic acid	ND	1000	ug/Kg	09/17/09		HM	SW 8270
Benzyl butyl phthalate	ND	360	ug/Kg	09/17/09		HM	SW 8270
Bis(2-chloroethoxy)methane	ND	360	ug/Kg	09/17/09		HM	SW 8270
Bis(2-chloroethyl)ether	ND	360	ug/Kg	09/17/09		HM	SW 8270
Bis(2-chloroisopropyl)ether	ND	360	ug/Kg	09/17/09		HM	SW 8270
Bis(2-ethylhexyl)phthalate	ND	360	ug/Kg	09/17/09		HM	SW 8270
Carbazole	ND	1000	ug/Kg	09/17/09		HM	SW 8270

Project ID:
Client ID: SB-1 (1-3)

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Parameter	Result	RL	Units	Date	Time	By	Reference
Chrysene	ND	360	ug/Kg	09/17/09		HM	SW 8270
Dibenz(a,h)anthracene	ND	360	ug/Kg	09/17/09		HM	SW 8270
Dibenzofuran	ND	360	ug/Kg	09/17/09		HM	SW 8270
Diethyl phthalate	ND	360	ug/Kg	09/17/09		HM	SW 8270
Dimethylphthalate	ND	360	ug/Kg	09/17/09		HM	SW 8270
Di-n-butylphthalate	ND	360	ug/Kg	09/17/09		HM	SW 8270
Di-n-octylphthalate	ND	360	ug/Kg	09/17/09		HM	SW 8270
Fluoranthene	ND	360	ug/Kg	09/17/09		HM	SW 8270
Fluorene	ND	360	ug/Kg	09/17/09		HM	SW 8270
Hexachlorobenzene	ND	360	ug/Kg	09/17/09		HM	SW 8270
Hexachlorobutadiene	ND	360	ug/Kg	09/17/09		HM	SW 8270
Hexachlorocyclopentadiene	ND	360	ug/Kg	09/17/09		HM	SW 8270
Hexachloroethane	ND	360	ug/Kg	09/17/09		HM	SW 8270
Indeno(1,2,3-cd)pyrene	ND	360	ug/Kg	09/17/09		HM	SW 8270
Isophorone	ND	360	ug/Kg	09/17/09		HM	SW 8270
Naphthalene	ND	360	ug/Kg	09/17/09		HM	SW 8270
Nitrobenzene	ND	360	ug/Kg	09/17/09		HM	SW 8270
N-Nitrosodimethylamine	ND	360	ug/Kg	09/17/09		HM	SW 8270
N-Nitrosodi-n-propylamine	ND	360	ug/Kg	09/17/09		HM	SW 8270
N-Nitrosodiphenylamine	ND	360	ug/Kg	09/17/09		HM	SW 8270
Pentachloronitrobenzene	ND	360	ug/Kg	09/17/09		HM	SW 8270
Pentachlorophenol	ND	360	ug/Kg	09/17/09		HM	SW 8270
Phenanthrene	ND	360	ug/Kg	09/17/09		HM	SW 8270
Phenol	ND	360	ug/Kg	09/17/09		HM	SW 8270
Pyrene	ND	360	ug/Kg	09/17/09		HM	SW 8270
Pyridine	ND	360	ug/Kg	09/17/09		HM	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	108		%	09/17/09		HM	SW 8270
% 2-Fluorobiphenyl	77		%	09/17/09		HM	SW 8270
% 2-Fluorophenol	80		%	09/17/09		HM	SW 8270
% Nitrobenzene-d5	79		%	09/17/09		HM	SW 8270
% Phenol-d5	76		%	09/17/09		HM	SW 8270
% Terphenyl-d14	77		%	09/17/09		HM	SW 8270
TPH by GC (Extractable Products)							
Ext. Petroleum HC	960	11	mg/Kg	09/21/09		KCA	CT ETPH
Identification	**		mg/Kg	09/21/09		KCA	CT ETPH
QA/QC Surrogates							
% n-Pentacosane	Interference		%	09/21/09		KCA	CT ETPH
Polychlorinated Biphenyls							
PCB-1016	ND	360	ug/Kg	09/17/09		MH	SW 8082
PCB-1221	ND	360	ug/Kg	09/17/09		MH	SW 8082
PCB-1232	ND	360	ug/Kg	09/17/09		MH	SW 8082
PCB-1242	ND	360	ug/Kg	09/17/09		MH	SW 8082
PCB-1248	ND	360	ug/Kg	09/17/09		MH	SW 8082
PCB-1254	ND	360	ug/Kg	09/17/09		MH	SW 8082
PCB-1260	ND	360	ug/Kg	09/17/09		MH	SW 8082
PCB-1262	ND	360	ug/Kg	09/17/09		MH	SW 8082
PCB-1268	ND	360	ug/Kg	09/17/09		MH	SW 8082
QA/QC Surrogates							

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Phoenix I.D.: AS24791

Parameter	Result	RL	Units	Date	Time	By	Reference
% DCBP	78		%	09/17/09		MH	SW 8082
% TCMX	72		%	09/17/09		MH	SW 8082
Pesticides							
4,4' -DDD	ND	34	ug/Kg	09/17/09		MH	SW8081
4,4' -DDE	ND	34	ug/Kg	09/17/09		MH	SW8081
4,4' -DDT	ND	34	ug/Kg	09/17/09		MH	SW8081
a-BHC	ND	17	ug/Kg	09/17/09		MH	SW8081
Alachlor	ND	17	ug/Kg	09/17/09		MH	SW8081
Aldrin	ND	5.3	ug/Kg	09/17/09		MH	SW8081
b-BHC	ND	17	ug/Kg	09/17/09		MH	SW8081
Chlordane	ND	53	ug/Kg	09/17/09		MH	SW8081
d-BHC	ND	17	ug/Kg	09/17/09		MH	SW8081
Dieldrin	ND	5.3	ug/Kg	09/17/09		MH	SW8081
Endosulfan I	ND	17	ug/Kg	09/17/09		MH	SW8081
Endosulfan II	ND	34	ug/Kg	09/17/09		MH	SW8081
Endosulfan sulfate	ND	34	ug/Kg	09/17/09		MH	SW8081
Endrin	ND	34	ug/Kg	09/17/09		MH	SW8081
Endrin aldehyde	ND	34	ug/Kg	09/17/09		MH	SW8081
Endrin ketone	ND	34	ug/Kg	09/17/09		MH	SW8081
g-BHC	ND	17	ug/Kg	09/17/09		MH	SW8081
Heptachlor	ND	11	ug/Kg	09/17/09		MH	SW8081
Heptachlor epoxide	ND	17	ug/Kg	09/17/09		MH	SW8081
Methoxychlor	ND	170	ug/Kg	09/17/09		MH	SW8081
Toxaphene	ND	170	ug/Kg	09/17/09		MH	SW8081
QA/QC Surrogates							
% DCBP	81		%	09/17/09		MH	SW8081
% TCMX	68		%	09/17/09		MH	SW8081

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters.

Comments:

The client provided two 8 oz soil jars. The following observations are made: the appearance of both containers is the same; but the petroleum odor of one container is much greater than the other.
Elevated reporting limits for volatiles due to the presence of target compounds.

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

*** Poor surrogate recovery was observed.

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

Phyllis Shiller, Laboratory Director
October 08, 2009

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 08, 2009

FOR: Attn: Ms. Marya Mahoney
TRC Environmental Corp.
21 Griffen Rd North
Windsor, CT 06095

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		09/15/09	10:05
Location Code:	TRC	Received by:	LB	09/16/09	13:30
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	15422				

Laboratory Data

SDG ID: GAS24790
Phoenix ID: AS24793

Project ID:

Client ID: SB-2 (4.5-5)

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.34	0.34	mg/Kg	09/17/09		EK	SW6010
Arsenic	< 0.7	0.7	mg/Kg	09/17/09		EK	SW6010
Barium	41.4	0.34	mg/Kg	09/17/09		EK	SW6010
Cadmium	< 0.34	0.34	mg/Kg	09/17/09		EK	SW6010
Chromium	11.5	0.34	mg/Kg	09/17/09		EK	SW6010
Mercury	< 0.08	0.08	mg/Kg	09/17/09		LK	SW-7471
Lead	11.9	0.34	mg/Kg	09/17/09		EK	SW6010
Selenium	< 1.7	1.7	mg/Kg	09/17/09		EK	SW6010
SPLP Silver	< 0.010	0.010	mg/L	10/07/09		EK	E1312/SW6010
SPLP Arsenic	< 0.004	0.004	mg/L	10/07/09		EK	E1312/SW6010
SPLP Barium	0.069	0.010	mg/L	10/07/09		EK	E1312/SW6010
SPLP Cadmium	< 0.005	0.005	mg/L	10/07/09		EK	E1312/SW6010
SPLP Chromium	< 0.010	0.010	mg/L	10/07/09		EK	E1312/SW6010
SPLP Mercury	< 0.001	0.001	mg/L	10/07/09		RS	1312/245.1
SPLP Lead	< 0.015	0.015	mg/L	10/07/09		EK	E1312/SW6010
SPLP Selenium	< 0.020	0.020	mg/L	10/07/09		EK	E1312/SW6010
Percent Solid	92		%	09/16/09		s-JL	E160.3
Soil Extraction for PCB	Completed			09/16/09		BB/D	SW3545
Soil Extraction for Pesticide	Completed			09/16/09		BB	SW3545
Soil Extraction for SVOA	Completed			09/16/09		QS/D	SW3545
Extraction of CT ETPH	Completed			09/16/09		QS/D	3545
Mercury Digestion	Completed			09/17/09		K	SW7471
Soil Extraction for Herbicide	Completed			09/16/09		M/D	SW8151
SPLP PCB Extraction	Completed			09/17/09		O/O	SW3510/3520
SPLP Digestion Mercury	Completed			10/07/09		K	E1312/SW7470
SPLP Extraction for Metals	Completed			10/06/09		k	EPA 1312
SPLP Extraction for Organics	Completed			09/16/09		K	EPA1312
Total Metals Digest	Completed			09/16/09		AG/C	SW846 - 3050
SPLP Metals Digestion	Completed			10/07/09		K	SW846-3005

Project ID:

Phoenix I.D.: AS24793

Client ID: SB-2 (4.5-5)

Parameter	Result	RL	Units	Date	Time	By	Reference	
Field Extraction	Completed			09/15/09		TRC	SW5035	1
SPLP Polychlorinated Biphenyls								
PCB-1016	ND	0.5	ug/L	09/18/09		MH	SW8082	
PCB-1221	ND	0.5	ug/L	09/18/09		MH	SW8082	
PCB-1232	ND	0.5	ug/L	09/18/09		MH	SW8082	
PCB-1242	ND	0.5	ug/L	09/18/09		MH	SW8082	
PCB-1248	ND	0.5	ug/L	09/18/09		MH	SW8082	
PCB-1254	ND	0.5	ug/L	09/18/09		MH	SW8082	
PCB-1260	ND	0.5	ug/L	09/18/09		MH	SW8082	
PCB-1262	ND	0.5	ug/L	09/18/09		MH	SW8082	
PCB-1268	ND	0.5	ug/L	09/18/09		MH	SW8082	
QA/QC Surrogates								
%DCBP (Surrogate Rec)	<30***		%	09/18/09		MH	SW8082	
%TCMX (Surrogate Rec)	78		%	09/18/09		MH	SW8082	
Chlorinated Herbicides								
2,4,5-T	ND	110	ug/Kg	09/17/09		JRB	SW8151	
2,4,5-TP (Silvex)	ND	110	ug/Kg	09/17/09		JRB	SW8151	
2,4-D	ND	110	ug/Kg	09/17/09		JRB	SW8151	
2,4-DB	ND	1100	ug/Kg	09/17/09		JRB	SW8151	
Dalapon	ND	530	ug/Kg	09/17/09		JRB	SW8151	
Dicamba	ND	320	ug/Kg	09/17/09		JRB	SW8151	
Dichloroprop	ND	110	ug/Kg	09/17/09		JRB	SW8151	
Dinoseb	ND	210	ug/Kg	09/17/09		JRB	SW8151	
QA/QC Surrogates								
% DCAA	56		%	09/17/09		JRB	SW8151	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	5.4	ug/Kg	09/17/09		R/J	SW8260	
1,1,1-Trichloroethane	ND	5.4	ug/Kg	09/17/09		R/J	SW8260	
1,1,2,2-Tetrachloroethane	ND	5.4	ug/Kg	09/17/09		R/J	SW8260	
1,1,2-Trichloroethane	ND	5.4	ug/Kg	09/17/09		R/J	SW8260	
1,1-Dichloroethane	ND	5.4	ug/Kg	09/17/09		R/J	SW8260	
1,1-Dichloroethene	ND	5.4	ug/Kg	09/17/09		R/J	SW8260	
1,1-Dichloropropene	ND	5.4	ug/Kg	09/17/09		R/J	SW8260	
1,2,3-Trichlorobenzene	ND	5.4	ug/Kg	09/17/09		R/J	SW8260	
1,2,3-Trichloropropane	ND	5.4	ug/Kg	09/17/09		R/J	SW8260	
1,2,4-Trichlorobenzene	ND	5.4	ug/Kg	09/17/09		R/J	SW8260	
1,2,4-Trimethylbenzene	ND	5.4	ug/Kg	09/17/09		R/J	SW8260	
1,2-Dibromo-3-chloropropane	ND	5.4	ug/Kg	09/17/09		R/J	SW8260	
1,2-Dichlorobenzene	ND	5.4	ug/Kg	09/17/09		R/J	SW8260	
1,2-Dichloroethane	ND	5.4	ug/Kg	09/17/09		R/J	SW8260	
1,2-Dichloropropane	ND	5.4	ug/Kg	09/17/09		R/J	SW8260	
1,3,5-Trimethylbenzene	ND	5.4	ug/Kg	09/17/09		R/J	SW8260	
1,3-Dichlorobenzene	ND	5.4	ug/Kg	09/17/09		R/J	SW8260	
1,3-Dichloropropane	ND	5.4	ug/Kg	09/17/09		R/J	SW8260	
1,4-Dichlorobenzene	ND	5.4	ug/Kg	09/17/09		R/J	SW8260	
2,2-Dichloropropane	ND	5.4	ug/Kg	09/17/09		R/J	SW8260	
2-Chlorotoluene	ND	5.4	ug/Kg	09/17/09		R/J	SW8260	
2-Hexanone	ND	27	ug/Kg	09/17/09		R/J	SW8260	
2-Isopropyltoluene	ND	5.4	ug/Kg	09/17/09		R/J	SW8260	

Project ID:

Phoenix I.D.: AS24793

Client ID: SB-2 (4.5-5)

Parameter	Result	RL	Units	Date	Time	By	Reference
4-Chlorotoluene	ND	5.4	ug/Kg	09/17/09		R/J	SW8260
4-Methyl-2-pentanone	ND	27	ug/Kg	09/17/09		R/J	SW8260
Acetone	ND	110	ug/Kg	09/17/09		R/J	SW8260
Acrylonitrile	ND	5.4	ug/Kg	09/17/09		R/J	SW8260
Benzene	ND	5.4	ug/Kg	09/17/09		R/J	SW8260
Bromobenzene	ND	5.4	ug/Kg	09/17/09		R/J	SW8260
Bromochloromethane	ND	5.4	ug/Kg	09/17/09		R/J	SW8260
Bromodichloromethane	ND	5.4	ug/Kg	09/17/09		R/J	SW8260
Bromoform	ND	5.4	ug/Kg	09/17/09		R/J	SW8260
Bromomethane	ND	5.4	ug/Kg	09/17/09		R/J	SW8260
Carbon Disulfide	ND	5.4	ug/Kg	09/17/09		R/J	SW8260
Carbon tetrachloride	ND	5.4	ug/Kg	09/17/09		R/J	SW8260
Chlorobenzene	ND	5.4	ug/Kg	09/17/09		R/J	SW8260
Chloroethane	ND	5.4	ug/Kg	09/17/09		R/J	SW8260
Chloroform	ND	5.4	ug/Kg	09/17/09		R/J	SW8260
Chloromethane	ND	5.4	ug/Kg	09/17/09		R/J	SW8260
cis-1,2-Dichloroethene	ND	5.4	ug/Kg	09/17/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	5.4	ug/Kg	09/17/09		R/J	SW8260
Dibromochloromethane	ND	5.4	ug/Kg	09/17/09		R/J	SW8260
Dibromoethane	ND	5.4	ug/Kg	09/17/09		R/J	SW8260
Dibromomethane	ND	5.4	ug/Kg	09/17/09		R/J	SW8260
Dichlorodifluoromethane	ND	5.4	ug/Kg	09/17/09		R/J	SW8260
Ethylbenzene	ND	5.4	ug/Kg	09/17/09		R/J	SW8260
Hexachlorobutadiene	ND	5.4	ug/Kg	09/17/09		R/J	SW8260
Isopropylbenzene	ND	5.4	ug/Kg	09/17/09		R/J	SW8260
m&p-Xylene	ND	5.4	ug/Kg	09/17/09		R/J	SW8260
Methyl Ethyl Ketone	ND	32	ug/Kg	09/17/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	09/17/09		R/J	SW8260
Methylene chloride	ND	5.4	ug/Kg	09/17/09		R/J	SW8260
Naphthalene	ND	5.4	ug/Kg	09/17/09		R/J	SW8260
n-Butylbenzene	ND	5.4	ug/Kg	09/17/09		R/J	SW8260
n-Propylbenzene	ND	5.4	ug/Kg	09/17/09		R/J	SW8260
o-Xylene	ND	5.4	ug/Kg	09/17/09		R/J	SW8260
p-Isopropyltoluene	ND	5.4	ug/Kg	09/17/09		R/J	SW8260
sec-Butylbenzene	ND	5.4	ug/Kg	09/17/09		R/J	SW8260
Styrene	ND	5.4	ug/Kg	09/17/09		R/J	SW8260
tert-Butylbenzene	ND	5.4	ug/Kg	09/17/09		R/J	SW8260
Tetrachloroethene	ND	5.4	ug/Kg	09/17/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	11	ug/Kg	09/17/09		R/J	SW8260
Toluene	ND	5.4	ug/Kg	09/17/09		R/J	SW8260
Total Xylenes	ND	5.4	ug/Kg	09/17/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	5.4	ug/Kg	09/17/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	5.4	ug/Kg	09/17/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	09/17/09		R/J	SW8260
Trichloroethene	ND	5.4	ug/Kg	09/17/09		R/J	SW8260
Trichlorofluoromethane	ND	5.4	ug/Kg	09/17/09		R/J	SW8260
Trichlorotrifluoroethane	ND	5.4	ug/Kg	09/17/09		R/J	SW8260
Vinyl chloride	ND	5.4	ug/Kg	09/17/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	99		%	09/17/09		R/J	SW8260
% Bromofluorobenzene	89		%	09/17/09		R/J	SW8260

Project ID:

Phoenix I.D.: AS24793

Client ID: SB-2 (4.5-5)

Parameter	Result	RL	Units	Date	Time	By	Reference
% Dibromofluoromethane	94		%	09/17/09		R/J	SW8260
% Toluene-d8	94		%	09/17/09		R/J	SW8260
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	360	ug/Kg	09/17/09		HM	SW 8270
1,2,4-Trichlorobenzene	ND	360	ug/Kg	09/17/09		HM	SW 8270
1,2-Dichlorobenzene	ND	360	ug/Kg	09/17/09		HM	SW 8270
1,3-Dichlorobenzene	ND	360	ug/Kg	09/17/09		HM	SW 8270
1,4-Dichlorobenzene	ND	360	ug/Kg	09/17/09		HM	SW 8270
2,4,5-Trichlorophenol	ND	360	ug/Kg	09/17/09		HM	SW 8270
2,4,6-Trichlorophenol	ND	360	ug/Kg	09/17/09		HM	SW 8270
2,4-Dichlorophenol	ND	360	ug/Kg	09/17/09		HM	SW 8270
2,4-Dimethylphenol	ND	360	ug/Kg	09/17/09		HM	SW 8270
2,4-Dinitrophenol	ND	570	ug/Kg	09/17/09		HM	SW 8270
2,4-Dinitrotoluene	ND	360	ug/Kg	09/17/09		HM	SW 8270
2,6-Dinitrotoluene	ND	360	ug/Kg	09/17/09		HM	SW 8270
2-Chloronaphthalene	ND	360	ug/Kg	09/17/09		HM	SW 8270
2-Chlorophenol	ND	360	ug/Kg	09/17/09		HM	SW 8270
2-Methylnaphthalene	ND	360	ug/Kg	09/17/09		HM	SW 8270
2-Methylphenol (o-cresol)	ND	360	ug/Kg	09/17/09		HM	SW 8270
2-Nitroaniline	ND	570	ug/Kg	09/17/09		HM	SW 8270
2-Nitrophenol	ND	360	ug/Kg	09/17/09		HM	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	360	ug/Kg	09/17/09		HM	SW 8270
3,3'-Dichlorobenzidine	ND	430	ug/Kg	09/17/09		HM	SW 8270
3-Nitroaniline	ND	570	ug/Kg	09/17/09		HM	SW 8270
4,6-Dinitro-2-methylphenol	ND	1000	ug/Kg	09/17/09		HM	SW 8270
4-Bromophenyl phenyl ether	ND	360	ug/Kg	09/17/09		HM	SW 8270
4-Chloro-3-methylphenol	ND	430	ug/Kg	09/17/09		HM	SW 8270
4-Chloroaniline	ND	430	ug/Kg	09/17/09		HM	SW 8270
4-Chlorophenyl phenyl ether	ND	360	ug/Kg	09/17/09		HM	SW 8270
4-Nitroaniline	ND	570	ug/Kg	09/17/09		HM	SW 8270
4-Nitrophenol	ND	1000	ug/Kg	09/17/09		HM	SW 8270
Acenaphthene	ND	360	ug/Kg	09/17/09		HM	SW 8270
Acenaphthylene	ND	360	ug/Kg	09/17/09		HM	SW 8270
Acetophenone	ND	360	ug/Kg	09/17/09		HM	SW 8270
Aniline	ND	1000	ug/Kg	09/17/09		HM	SW 8270
Anthracene	ND	360	ug/Kg	09/17/09		HM	SW 8270
Azobenzene	ND	360	ug/Kg	09/17/09		HM	SW 8270
Benz(a)anthracene	ND	360	ug/Kg	09/17/09		HM	SW 8270
Benzidine	ND	360	ug/Kg	09/17/09		HM	SW 8270
Benzo(a)pyrene	ND	360	ug/Kg	09/17/09		HM	SW 8270
Benzo(b)fluoranthene	ND	360	ug/Kg	09/17/09		HM	SW 8270
Benzo(ghi)perylene	ND	360	ug/Kg	09/17/09		HM	SW 8270
Benzo(k)fluoranthene	ND	360	ug/Kg	09/17/09		HM	SW 8270
Benzoic acid	ND	1000	ug/Kg	09/17/09		HM	SW 8270
Benzyl butyl phthalate	ND	360	ug/Kg	09/17/09		HM	SW 8270
Bis(2-chloroethoxy)methane	ND	360	ug/Kg	09/17/09		HM	SW 8270
Bis(2-chloroethyl)ether	ND	360	ug/Kg	09/17/09		HM	SW 8270
Bis(2-chloroisopropyl)ether	ND	360	ug/Kg	09/17/09		HM	SW 8270
Bis(2-ethylhexyl)phthalate	ND	360	ug/Kg	09/17/09		HM	SW 8270
Carbazole	ND	1000	ug/Kg	09/17/09		HM	SW 8270

Project ID:

Client ID: SB-2 (4.5-5)

Phoenix I.D.: AS24793

Parameter	Result	RL	Units	Date	Time	By	Reference
Chrysene	ND	360	ug/Kg	09/17/09		HM	SW 8270
Dibenz(a,h)anthracene	ND	360	ug/Kg	09/17/09		HM	SW 8270
Dibenzofuran	ND	360	ug/Kg	09/17/09		HM	SW 8270
Diethyl phthalate	ND	360	ug/Kg	09/17/09		HM	SW 8270
Dimethylphthalate	ND	360	ug/Kg	09/17/09		HM	SW 8270
Di-n-butylphthalate	ND	360	ug/Kg	09/17/09		HM	SW 8270
Di-n-octylphthalate	ND	360	ug/Kg	09/17/09		HM	SW 8270
Fluoranthene	ND	360	ug/Kg	09/17/09		HM	SW 8270
Fluorene	ND	360	ug/Kg	09/17/09		HM	SW 8270
Hexachlorobenzene	ND	360	ug/Kg	09/17/09		HM	SW 8270
Hexachlorobutadiene	ND	360	ug/Kg	09/17/09		HM	SW 8270
Hexachlorocyclopentadiene	ND	360	ug/Kg	09/17/09		HM	SW 8270
Hexachloroethane	ND	360	ug/Kg	09/17/09		HM	SW 8270
Indeno(1,2,3-cd)pyrene	ND	360	ug/Kg	09/17/09		HM	SW 8270
Isophorone	ND	360	ug/Kg	09/17/09		HM	SW 8270
Naphthalene	ND	360	ug/Kg	09/17/09		HM	SW 8270
Nitrobenzene	ND	360	ug/Kg	09/17/09		HM	SW 8270
N-Nitrosodimethylamine	ND	360	ug/Kg	09/17/09		HM	SW 8270
N-Nitrosodi-n-propylamine	ND	360	ug/Kg	09/17/09		HM	SW 8270
N-Nitrosodiphenylamine	ND	360	ug/Kg	09/17/09		HM	SW 8270
Pentachloronitrobenzene	ND	360	ug/Kg	09/17/09		HM	SW 8270
Pentachlorophenol	ND	360	ug/Kg	09/17/09		HM	SW 8270
Phenanthrene	ND	360	ug/Kg	09/17/09		HM	SW 8270
Phenol	ND	360	ug/Kg	09/17/09		HM	SW 8270
Pyrene	ND	360	ug/Kg	09/17/09		HM	SW 8270
Pyridine	ND	360	ug/Kg	09/17/09		HM	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	115		%	09/17/09		HM	SW 8270
% 2-Fluorobiphenyl	78		%	09/17/09		HM	SW 8270
% 2-Fluorophenol	74		%	09/17/09		HM	SW 8270
% Nitrobenzene-d5	78		%	09/17/09		HM	SW 8270
% Phenol-d5	78		%	09/17/09		HM	SW 8270
% Terphenyl-d14	68		%	09/17/09		HM	SW 8270
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	10	mg/Kg	09/18/09		JRB	CT ETPH
Identification	ND		mg/Kg	09/18/09		JRB	CT ETPH
QA/QC Surrogates							
% n-Pentacosane	93		%	09/18/09		JRB	CT ETPH
Polychlorinated Biphenyls							
PCB-1016	ND	360	ug/Kg	09/17/09		MH	SW 8082
PCB-1221	ND	360	ug/Kg	09/17/09		MH	SW 8082
PCB-1232	ND	360	ug/Kg	09/17/09		MH	SW 8082
PCB-1242	ND	360	ug/Kg	09/17/09		MH	SW 8082
PCB-1248	ND	360	ug/Kg	09/17/09		MH	SW 8082
PCB-1254	ND	360	ug/Kg	09/17/09		MH	SW 8082
PCB-1260	ND	360	ug/Kg	09/17/09		MH	SW 8082
PCB-1262	ND	360	ug/Kg	09/17/09		MH	SW 8082
PCB-1268	ND	360	ug/Kg	09/17/09		MH	SW 8082
QA/QC Surrogates							

Project ID:
Client ID: SB-2 (4.5-5)

Phoenix I.D.: AS24793

Parameter	Result	RL	Units	Date	Time	By	Reference
% DCBP	80		%	09/17/09		MH	SW 8082
% TCMX	83		%	09/17/09		MH	SW 8082
Pesticides							
4,4' -DDD	ND	34	ug/Kg	09/17/09		MH	SW8081
4,4' -DDE	ND	34	ug/Kg	09/17/09		MH	SW8081
4,4' -DDT	ND	34	ug/Kg	09/17/09		MH	SW8081
a-BHC	ND	17	ug/Kg	09/17/09		MH	SW8081
Alachlor	ND	17	ug/Kg	09/17/09		MH	SW8081
Aldrin	ND	5.4	ug/Kg	09/17/09		MH	SW8081
b-BHC	ND	17	ug/Kg	09/17/09		MH	SW8081
Chlordane	ND	54	ug/Kg	09/17/09		MH	SW8081
d-BHC	ND	17	ug/Kg	09/17/09		MH	SW8081
Dieldrin	ND	5.4	ug/Kg	09/17/09		MH	SW8081
Endosulfan I	ND	17	ug/Kg	09/17/09		MH	SW8081
Endosulfan II	ND	34	ug/Kg	09/17/09		MH	SW8081
Endosulfan sulfate	ND	34	ug/Kg	09/17/09		MH	SW8081
Endrin	ND	34	ug/Kg	09/17/09		MH	SW8081
Endrin aldehyde	ND	34	ug/Kg	09/17/09		MH	SW8081
Endrin ketone	ND	34	ug/Kg	09/17/09		MH	SW8081
g-BHC	ND	17	ug/Kg	09/17/09		MH	SW8081
Heptachlor	ND	11	ug/Kg	09/17/09		MH	SW8081
Heptachlor epoxide	ND	17	ug/Kg	09/17/09		MH	SW8081
Methoxychlor	ND	170	ug/Kg	09/17/09		MH	SW8081
Toxaphene	ND	170	ug/Kg	09/17/09		MH	SW8081
QA/QC Surrogates							
% DCBP	114		%	09/17/09		MH	SW8081
% TCMX	90		%	09/17/09		MH	SW8081

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters.

Comments:

*** Poor surrogate recovery was observed.

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

Phyllis Shiller, Laboratory Director
October 08, 2009

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 08, 2009

FOR: Attn: Ms. Marya Mahoney
TRC Environmental Corp.
21 Griffen Rd North
Windsor, CT 06095

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		09/15/09	11:25
Location Code:	TRC	Received by:	LB	09/16/09	13:30
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	15422				

Laboratory Data

SDG ID: GAS24790
Phoenix ID: AS24796

Project ID:

Client ID: SB-3 (1-3)

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.42	0.42	mg/Kg	09/17/09		EK	SW6010
Arsenic	1.6	0.8	mg/Kg	09/17/09		EK	SW6010
Barium	311	0.42	mg/Kg	09/17/09		EK	SW6010
Cadmium	0.78	0.42	mg/Kg	09/17/09		EK	SW6010
Chromium	18.6	0.42	mg/Kg	09/17/09		EK	SW6010
Mercury	0.22	0.08	mg/Kg	09/17/09		LK	SW-7471
Lead	333	0.42	mg/Kg	09/17/09		EK	SW6010
Selenium	< 2.1	2.1	mg/Kg	09/17/09		EK	SW6010
SPLP Silver	< 0.010	0.010	mg/L	10/07/09		EK	E1312/SW6010
SPLP Arsenic	< 0.004	0.004	mg/L	10/07/09		EK	E1312/SW6010
SPLP Barium	0.283	0.010	mg/L	10/07/09		EK	E1312/SW6010
SPLP Cadmium	< 0.005	0.005	mg/L	10/07/09		EK	E1312/SW6010
SPLP Chromium	< 0.010	0.010	mg/L	10/07/09		EK	E1312/SW6010
SPLP Mercury	< 0.001	0.001	mg/L	10/07/09		RS	1312/245.1
SPLP Lead	0.092	0.015	mg/L	10/07/09		EK	E1312/SW6010
SPLP Selenium	< 0.020	0.020	mg/L	10/07/09		EK	E1312/SW6010
Percent Solid	77		%	09/16/09		s-JL	E160.3
Soil Extraction for PCB	Completed			09/16/09		BB/D	SW3545
Soil Extraction for Pesticide	Completed			09/16/09		BB	SW3545
Soil Extraction for SVOA	Completed			09/16/09		QS/D	SW3545
Extraction of CT ETPH	Completed			09/16/09		QS/D	3545
Mercury Digestion	Completed			09/17/09		K	SW7471
Soil Extraction for Herbicide	Completed			09/16/09		M/D	SW8151
SPLP PCB Extraction	Completed			09/17/09		O/O	SW3510/3520
SPLP Digestion Mercury	Completed			10/07/09		K	E1312/SW7470
SPLP Extraction for Metals	Completed			10/06/09		k	EPA 1312
SPLP Extraction for Organics	Completed			09/16/09		K	EPA1312
Total Metals Digest	Completed			09/16/09		AG/C	SW846 - 3050
SPLP Metals Digestion	Completed			10/07/09		K	SW846-3005

Project ID:

Client ID: SB-3 (1-3)

Phoenix I.D.: AS24796

Parameter	Result	RL	Units	Date	Time	By	Reference	
Field Extraction	Completed			09/15/09		TRC	SW5035	1
SPLP Polychlorinated Biphenyls								
PCB-1016	ND	0.5	ug/L	09/18/09		MH	SW8082	
PCB-1221	ND	0.5	ug/L	09/18/09		MH	SW8082	
PCB-1232	ND	0.5	ug/L	09/18/09		MH	SW8082	
PCB-1242	ND	0.5	ug/L	09/18/09		MH	SW8082	
PCB-1248	ND	0.5	ug/L	09/18/09		MH	SW8082	
PCB-1254	ND	0.5	ug/L	09/18/09		MH	SW8082	
PCB-1260	ND	0.5	ug/L	09/18/09		MH	SW8082	
PCB-1262	ND	0.5	ug/L	09/18/09		MH	SW8082	
PCB-1268	ND	0.5	ug/L	09/18/09		MH	SW8082	
QA/QC Surrogates								
%DCBP (Surrogate Rec)	34		%	09/18/09		MH	SW8082	
%TCMX (Surrogate Rec)	76		%	09/18/09		MH	SW8082	
Chlorinated Herbicides								
2,4,5-T	ND	250	ug/Kg	09/23/09		KCA	SW8151	
2,4,5-TP (Silvex)	ND	250	ug/Kg	09/23/09		KCA	SW8151	
2,4-D	ND	250	ug/Kg	09/23/09		KCA	SW8151	
2,4-DB	ND	2500	ug/Kg	09/23/09		KCA	SW8151	
Dalapon	ND	1300	ug/Kg	09/23/09		KCA	SW8151	
Dicamba	ND	760	ug/Kg	09/23/09		KCA	SW8151	
Dichloroprop	ND	250	ug/Kg	09/23/09		KCA	SW8151	
Dinoseb	ND	500	ug/Kg	09/23/09		KCA	SW8151	
QA/QC Surrogates								
% DCAA	39		%	09/23/09		KCA	SW8151	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	5.6	ug/Kg	09/17/09		R/J	SW8260	
1,1,1-Trichloroethane	ND	5.6	ug/Kg	09/17/09		R/J	SW8260	
1,1,2,2-Tetrachloroethane	ND	5.6	ug/Kg	09/17/09		R/J	SW8260	
1,1,2-Trichloroethane	ND	5.6	ug/Kg	09/17/09		R/J	SW8260	
1,1-Dichloroethane	ND	5.6	ug/Kg	09/17/09		R/J	SW8260	
1,1-Dichloroethene	ND	5.6	ug/Kg	09/17/09		R/J	SW8260	
1,1-Dichloropropene	ND	5.6	ug/Kg	09/17/09		R/J	SW8260	
1,2,3-Trichlorobenzene	ND	5.6	ug/Kg	09/17/09		R/J	SW8260	
1,2,3-Trichloropropane	ND	5.6	ug/Kg	09/17/09		R/J	SW8260	
1,2,4-Trichlorobenzene	ND	5.6	ug/Kg	09/17/09		R/J	SW8260	
1,2,4-Trimethylbenzene	ND	5.6	ug/Kg	09/17/09		R/J	SW8260	
1,2-Dibromo-3-chloropropane	ND	5.6	ug/Kg	09/17/09		R/J	SW8260	
1,2-Dichlorobenzene	ND	5.6	ug/Kg	09/17/09		R/J	SW8260	
1,2-Dichloroethane	ND	5.6	ug/Kg	09/17/09		R/J	SW8260	
1,2-Dichloropropane	ND	5.6	ug/Kg	09/17/09		R/J	SW8260	
1,3,5-Trimethylbenzene	ND	5.6	ug/Kg	09/17/09		R/J	SW8260	
1,3-Dichlorobenzene	ND	5.6	ug/Kg	09/17/09		R/J	SW8260	
1,3-Dichloropropane	ND	5.6	ug/Kg	09/17/09		R/J	SW8260	
1,4-Dichlorobenzene	ND	5.6	ug/Kg	09/17/09		R/J	SW8260	
2,2-Dichloropropane	ND	5.6	ug/Kg	09/17/09		R/J	SW8260	
2-Chlorotoluene	ND	5.6	ug/Kg	09/17/09		R/J	SW8260	
2-Hexanone	ND	28	ug/Kg	09/17/09		R/J	SW8260	
2-Isopropyltoluene	ND	5.6	ug/Kg	09/17/09		R/J	SW8260	

Project ID:

Client ID: SB-3 (1-3)

Phoenix I.D.: AS24796

Parameter	Result	RL	Units	Date	Time	By	Reference
4-Chlorotoluene	ND	5.6	ug/Kg	09/17/09		R/J	SW8260
4-Methyl-2-pentanone	ND	28	ug/Kg	09/17/09		R/J	SW8260
Acetone	ND	110	ug/Kg	09/17/09		R/J	SW8260
Acrylonitrile	ND	5.6	ug/Kg	09/17/09		R/J	SW8260
Benzene	ND	5.6	ug/Kg	09/17/09		R/J	SW8260
Bromobenzene	ND	5.6	ug/Kg	09/17/09		R/J	SW8260
Bromochloromethane	ND	5.6	ug/Kg	09/17/09		R/J	SW8260
Bromodichloromethane	ND	5.6	ug/Kg	09/17/09		R/J	SW8260
Bromoform	ND	5.6	ug/Kg	09/17/09		R/J	SW8260
Bromomethane	ND	5.6	ug/Kg	09/17/09		R/J	SW8260
Carbon Disulfide	ND	5.6	ug/Kg	09/17/09		R/J	SW8260
Carbon tetrachloride	ND	5.6	ug/Kg	09/17/09		R/J	SW8260
Chlorobenzene	ND	5.6	ug/Kg	09/17/09		R/J	SW8260
Chloroethane	ND	5.6	ug/Kg	09/17/09		R/J	SW8260
Chloroform	ND	5.6	ug/Kg	09/17/09		R/J	SW8260
Chloromethane	ND	5.6	ug/Kg	09/17/09		R/J	SW8260
cis-1,2-Dichloroethene	ND	5.6	ug/Kg	09/17/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	5.6	ug/Kg	09/17/09		R/J	SW8260
Dibromochloromethane	ND	5.6	ug/Kg	09/17/09		R/J	SW8260
Dibromoethane	ND	5.6	ug/Kg	09/17/09		R/J	SW8260
Dibromomethane	ND	5.6	ug/Kg	09/17/09		R/J	SW8260
Dichlorodifluoromethane	ND	5.6	ug/Kg	09/17/09		R/J	SW8260
Ethylbenzene	ND	5.6	ug/Kg	09/17/09		R/J	SW8260
Hexachlorobutadiene	ND	5.6	ug/Kg	09/17/09		R/J	SW8260
Isopropylbenzene	ND	5.6	ug/Kg	09/17/09		R/J	SW8260
m&p-Xylene	ND	5.6	ug/Kg	09/17/09		R/J	SW8260
Methyl Ethyl Ketone	ND	34	ug/Kg	09/17/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	09/17/09		R/J	SW8260
Methylene chloride	ND	5.6	ug/Kg	09/17/09		R/J	SW8260
Naphthalene	ND	5.6	ug/Kg	09/17/09		R/J	SW8260
n-Butylbenzene	ND	5.6	ug/Kg	09/17/09		R/J	SW8260
n-Propylbenzene	ND	5.6	ug/Kg	09/17/09		R/J	SW8260
o-Xylene	ND	5.6	ug/Kg	09/17/09		R/J	SW8260
p-Isopropyltoluene	ND	5.6	ug/Kg	09/17/09		R/J	SW8260
sec-Butylbenzene	ND	5.6	ug/Kg	09/17/09		R/J	SW8260
Styrene	ND	5.6	ug/Kg	09/17/09		R/J	SW8260
tert-Butylbenzene	ND	5.6	ug/Kg	09/17/09		R/J	SW8260
Tetrachloroethene	ND	5.6	ug/Kg	09/17/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	11	ug/Kg	09/17/09		R/J	SW8260
Toluene	ND	5.6	ug/Kg	09/17/09		R/J	SW8260
Total Xylenes	ND	5.6	ug/Kg	09/17/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	5.6	ug/Kg	09/17/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	5.6	ug/Kg	09/17/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	09/17/09		R/J	SW8260
Trichloroethene	ND	5.6	ug/Kg	09/17/09		R/J	SW8260
Trichlorofluoromethane	ND	5.6	ug/Kg	09/17/09		R/J	SW8260
Trichlorotrifluoroethane	ND	5.6	ug/Kg	09/17/09		R/J	SW8260
Vinyl chloride	ND	5.6	ug/Kg	09/17/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	103		%	09/17/09		R/J	SW8260
% Bromofluorobenzene	82		%	09/17/09		R/J	SW8260

Project ID:

Client ID: SB-3 (1-3)

Phoenix I.D.: AS24796

Parameter	Result	RL	Units	Date	Time	By	Reference
% Dibromofluoromethane	93		%	09/17/09		R/J	SW8260
% Toluene-d8	92		%	09/17/09		R/J	SW8260
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	430	ug/Kg	09/17/09		HM	SW 8270
1,2,4-Trichlorobenzene	ND	430	ug/Kg	09/17/09		HM	SW 8270
1,2-Dichlorobenzene	ND	430	ug/Kg	09/17/09		HM	SW 8270
1,3-Dichlorobenzene	ND	430	ug/Kg	09/17/09		HM	SW 8270
1,4-Dichlorobenzene	ND	430	ug/Kg	09/17/09		HM	SW 8270
2,4,5-Trichlorophenol	ND	430	ug/Kg	09/17/09		HM	SW 8270
2,4,6-Trichlorophenol	ND	430	ug/Kg	09/17/09		HM	SW 8270
2,4-Dichlorophenol	ND	430	ug/Kg	09/17/09		HM	SW 8270
2,4-Dimethylphenol	ND	430	ug/Kg	09/17/09		HM	SW 8270
2,4-Dinitrophenol	ND	680	ug/Kg	09/17/09		HM	SW 8270
2,4-Dinitrotoluene	ND	430	ug/Kg	09/17/09		HM	SW 8270
2,6-Dinitrotoluene	ND	430	ug/Kg	09/17/09		HM	SW 8270
2-Chloronaphthalene	ND	430	ug/Kg	09/17/09		HM	SW 8270
2-Chlorophenol	ND	430	ug/Kg	09/17/09		HM	SW 8270
2-Methylnaphthalene	ND	430	ug/Kg	09/17/09		HM	SW 8270
2-Methylphenol (o-cresol)	ND	430	ug/Kg	09/17/09		HM	SW 8270
2-Nitroaniline	ND	680	ug/Kg	09/17/09		HM	SW 8270
2-Nitrophenol	ND	430	ug/Kg	09/17/09		HM	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	430	ug/Kg	09/17/09		HM	SW 8270
3,3'-Dichlorobenzidine	ND	510	ug/Kg	09/17/09		HM	SW 8270
3-Nitroaniline	ND	680	ug/Kg	09/17/09		HM	SW 8270
4,6-Dinitro-2-methylphenol	ND	1200	ug/Kg	09/17/09		HM	SW 8270
4-Bromophenyl phenyl ether	ND	430	ug/Kg	09/17/09		HM	SW 8270
4-Chloro-3-methylphenol	ND	510	ug/Kg	09/17/09		HM	SW 8270
4-Chloroaniline	ND	510	ug/Kg	09/17/09		HM	SW 8270
4-Chlorophenyl phenyl ether	ND	430	ug/Kg	09/17/09		HM	SW 8270
4-Nitroaniline	ND	680	ug/Kg	09/17/09		HM	SW 8270
4-Nitrophenol	ND	1200	ug/Kg	09/17/09		HM	SW 8270
Acenaphthene	ND	430	ug/Kg	09/17/09		HM	SW 8270
Acenaphthylene	ND	430	ug/Kg	09/17/09		HM	SW 8270
Acetophenone	ND	430	ug/Kg	09/17/09		HM	SW 8270
Aniline	ND	1200	ug/Kg	09/17/09		HM	SW 8270
Anthracene	ND	430	ug/Kg	09/17/09		HM	SW 8270
Azobenzene	ND	430	ug/Kg	09/17/09		HM	SW 8270
Benz(a)anthracene	ND	430	ug/Kg	09/17/09		HM	SW 8270
Benzidine	ND	430	ug/Kg	09/17/09		HM	SW 8270
Benzo(a)pyrene	ND	430	ug/Kg	09/17/09		HM	SW 8270
Benzo(b)fluoranthene	ND	430	ug/Kg	09/17/09		HM	SW 8270
Benzo(ghi)perylene	ND	430	ug/Kg	09/17/09		HM	SW 8270
Benzo(k)fluoranthene	ND	430	ug/Kg	09/17/09		HM	SW 8270
Benzoic acid	ND	1200	ug/Kg	09/17/09		HM	SW 8270
Benzyl butyl phthalate	ND	430	ug/Kg	09/17/09		HM	SW 8270
Bis(2-chloroethoxy)methane	ND	430	ug/Kg	09/17/09		HM	SW 8270
Bis(2-chloroethyl)ether	ND	430	ug/Kg	09/17/09		HM	SW 8270
Bis(2-chloroisopropyl)ether	ND	430	ug/Kg	09/17/09		HM	SW 8270
Bis(2-ethylhexyl)phthalate	ND	430	ug/Kg	09/17/09		HM	SW 8270
Carbazole	ND	1200	ug/Kg	09/17/09		HM	SW 8270

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Client ID: SB-3 (1-3)

Parameter	Result	RL	Units	Date	Time	By	Reference
Chrysene	ND	430	ug/Kg	09/17/09		HM	SW 8270
Dibenz(a,h)anthracene	ND	430	ug/Kg	09/17/09		HM	SW 8270
Dibenzofuran	ND	430	ug/Kg	09/17/09		HM	SW 8270
Diethyl phthalate	ND	430	ug/Kg	09/17/09		HM	SW 8270
Dimethylphthalate	ND	430	ug/Kg	09/17/09		HM	SW 8270
Di-n-butylphthalate	ND	430	ug/Kg	09/17/09		HM	SW 8270
Di-n-octylphthalate	ND	430	ug/Kg	09/17/09		HM	SW 8270
Fluoranthene	ND	430	ug/Kg	09/17/09		HM	SW 8270
Fluorene	ND	430	ug/Kg	09/17/09		HM	SW 8270
Hexachlorobenzene	ND	430	ug/Kg	09/17/09		HM	SW 8270
Hexachlorobutadiene	ND	430	ug/Kg	09/17/09		HM	SW 8270
Hexachlorocyclopentadiene	ND	430	ug/Kg	09/17/09		HM	SW 8270
Hexachloroethane	ND	430	ug/Kg	09/17/09		HM	SW 8270
Indeno(1,2,3-cd)pyrene	ND	430	ug/Kg	09/17/09		HM	SW 8270
Isophorone	ND	430	ug/Kg	09/17/09		HM	SW 8270
Naphthalene	ND	430	ug/Kg	09/17/09		HM	SW 8270
Nitrobenzene	ND	430	ug/Kg	09/17/09		HM	SW 8270
N-Nitrosodimethylamine	ND	430	ug/Kg	09/17/09		HM	SW 8270
N-Nitrosodi-n-propylamine	ND	430	ug/Kg	09/17/09		HM	SW 8270
N-Nitrosodiphenylamine	ND	430	ug/Kg	09/17/09		HM	SW 8270
Pentachloronitrobenzene	ND	430	ug/Kg	09/17/09		HM	SW 8270
Pentachlorophenol	ND	430	ug/Kg	09/17/09		HM	SW 8270
Phenanthrene	ND	430	ug/Kg	09/17/09		HM	SW 8270
Phenol	ND	430	ug/Kg	09/17/09		HM	SW 8270
Pyrene	ND	430	ug/Kg	09/17/09		HM	SW 8270
Pyridine	ND	430	ug/Kg	09/17/09		HM	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	123		%	09/17/09		HM	SW 8270
% 2-Fluorobiphenyl	75		%	09/17/09		HM	SW 8270
% 2-Fluorophenol	88		%	09/17/09		HM	SW 8270
% Nitrobenzene-d5	75		%	09/17/09		HM	SW 8270
% Phenol-d5	81		%	09/17/09		HM	SW 8270
% Terphenyl-d14	63		%	09/17/09		HM	SW 8270
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	13	mg/Kg	09/18/09		JRB	CT ETPH
Identification	ND		mg/Kg	09/18/09		JRB	CT ETPH
QA/QC Surrogates							
% n-Pentacosane	81		%	09/18/09		JRB	CT ETPH
Polychlorinated Biphenyls							
PCB-1016	ND	430	ug/Kg	09/17/09		MH	SW 8082
PCB-1221	ND	430	ug/Kg	09/17/09		MH	SW 8082
PCB-1232	ND	430	ug/Kg	09/17/09		MH	SW 8082
PCB-1242	ND	430	ug/Kg	09/17/09		MH	SW 8082
PCB-1248	ND	430	ug/Kg	09/17/09		MH	SW 8082
PCB-1254	ND	430	ug/Kg	09/17/09		MH	SW 8082
PCB-1260	ND	430	ug/Kg	09/17/09		MH	SW 8082
PCB-1262	ND	430	ug/Kg	09/17/09		MH	SW 8082
PCB-1268	ND	430	ug/Kg	09/17/09		MH	SW 8082
QA/QC Surrogates							

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Parameter	Result	RL	Units	Date	Time	By	Reference
% DCBP	87		%	09/17/09		MH	SW 8082
% TCMX	88		%	09/17/09		MH	SW 8082
Pesticides							
4,4' -DDD	ND	41	ug/Kg	09/17/09		MH	SW8081
4,4' -DDE	ND	41	ug/Kg	09/17/09		MH	SW8081
4,4' -DDT	ND	41	ug/Kg	09/17/09		MH	SW8081
a-BHC	ND	20	ug/Kg	09/17/09		MH	SW8081
Alachlor	ND	20	ug/Kg	09/17/09		MH	SW8081
Aldrin	ND	6.4	ug/Kg	09/17/09		MH	SW8081
b-BHC	ND	20	ug/Kg	09/17/09		MH	SW8081
Chlordane	ND	64	ug/Kg	09/17/09		MH	SW8081
d-BHC	ND	20	ug/Kg	09/17/09		MH	SW8081
Dieldrin	ND	6.4	ug/Kg	09/17/09		MH	SW8081
Endosulfan I	ND	20	ug/Kg	09/17/09		MH	SW8081
Endosulfan II	ND	41	ug/Kg	09/17/09		MH	SW8081
Endosulfan sulfate	ND	41	ug/Kg	09/17/09		MH	SW8081
Endrin	ND	41	ug/Kg	09/17/09		MH	SW8081
Endrin aldehyde	ND	41	ug/Kg	09/17/09		MH	SW8081
Endrin ketone	ND	41	ug/Kg	09/17/09		MH	SW8081
g-BHC	ND	20	ug/Kg	09/17/09		MH	SW8081
Heptachlor	ND	13	ug/Kg	09/17/09		MH	SW8081
Heptachlor epoxide	ND	20	ug/Kg	09/17/09		MH	SW8081
Methoxychlor	ND	200	ug/Kg	09/17/09		MH	SW8081
Toxaphene	ND	200	ug/Kg	09/17/09		MH	SW8081
QA/QC Surrogates							
% DCBP	117		%	09/17/09		MH	SW8081
% TCMX	82		%	09/17/09		MH	SW8081

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters.

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

Phyllis Shiller, Laboratory Director
October 08, 2009

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac
NY # 11301

Analysis Report

October 08, 2009

FOR: Attn: Ms. Marya Mahoney
TRC Environmental Corp.
21 Griffen Rd North
Windsor, CT 06095

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		09/15/09	11:40
Location Code:	TRC	Received by:	LB	09/16/09	13:30
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	15422				

Laboratory Data

SDG ID: GAS24790
Phoenix ID: AS24797

Project ID:

Client ID: SB-4 (1-3)

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.36	0.36	mg/Kg	09/17/09		EK	SW6010
Arsenic	0.9	0.7	mg/Kg	09/17/09		EK	SW6010
Barium	238	0.37	mg/Kg	09/17/09		LK	SW6010
Cadmium	< 0.36	0.36	mg/Kg	09/17/09		EK	SW6010
Chromium	14.3	0.36	mg/Kg	09/17/09		EK	SW6010
Mercury	< 0.08	0.08	mg/Kg	09/17/09		LK	SW-7471
Lead	42.7	0.36	mg/Kg	09/17/09		EK	SW6010
Selenium	< 1.8	1.8	mg/Kg	09/17/09		EK	SW6010
SPLP Silver	< 0.010	0.010	mg/L	10/07/09		EK	E1312/SW6010
SPLP Arsenic	0.011	0.004	mg/L	10/07/09		EK	E1312/SW6010
SPLP Barium	0.420	0.010	mg/L	10/07/09		EK	E1312/SW6010
SPLP Cadmium	< 0.005	0.005	mg/L	10/07/09		EK	E1312/SW6010
SPLP Chromium	0.014	0.010	mg/L	10/07/09		EK	E1312/SW6010
SPLP Mercury	< 0.001	0.001	mg/L	10/07/09		RS	1312/245.1
SPLP Lead	0.162	0.015	mg/L	10/07/09		EK	E1312/SW6010
SPLP Selenium	< 0.020	0.020	mg/L	10/07/09		EK	E1312/SW6010
Percent Solid	90		%	09/16/09		s-JL	E160.3
Soil Extraction for PCB	Completed			09/16/09		BB/D	SW3545
Soil Extraction for Pesticide	Completed			09/16/09		BB	SW3545
Soil Extraction for SVOA	Completed			09/16/09		QS/D	SW3545
Extraction of CT ETPH	Completed			09/24/09		BS/D	3545
Mercury Digestion	Completed			09/17/09		K	SW7471
Soil Extraction for Herbicide	Completed			09/16/09		M/D	SW8151
SPLP PCB Extraction	Completed			09/17/09		O/O	SW3510/3520
SPLP Digestion Mercury	Completed			10/07/09		K	E1312/SW7470
SPLP Extraction for Metals	Completed			10/06/09		k	EPA 1312
SPLP Extraction for Organics	Completed			09/16/09		K	EPA1312
Total Metals Digest	Completed			09/24/09		C/AG	SW846 - 3050
SPLP Metals Digestion	Completed			10/07/09		K	SW846-3005

Project ID:

Phoenix I.D.: AS24797

Client ID: SB-4 (1-3)

Parameter	Result	RL	Units	Date	Time	By	Reference	
Field Extraction	Completed			09/15/09		TRC	SW5035	1
SPLP Polychlorinated Biphenyls								
PCB-1016	ND	0.5	ug/L	09/18/09		MH	SW8082	
PCB-1221	ND	0.5	ug/L	09/18/09		MH	SW8082	
PCB-1232	ND	0.5	ug/L	09/18/09		MH	SW8082	
PCB-1242	ND	0.5	ug/L	09/18/09		MH	SW8082	
PCB-1248	ND	0.5	ug/L	09/18/09		MH	SW8082	
PCB-1254	ND	0.5	ug/L	09/18/09		MH	SW8082	
PCB-1260	ND	0.5	ug/L	09/18/09		MH	SW8082	
PCB-1262	ND	0.5	ug/L	09/18/09		MH	SW8082	
PCB-1268	ND	0.5	ug/L	09/18/09		MH	SW8082	
QA/QC Surrogates								
%DCBP (Surrogate Rec)	63		%	09/18/09		MH	SW8082	
%TCMX (Surrogate Rec)	90		%	09/18/09		MH	SW8082	
Chlorinated Herbicides								
2,4,5-T	ND	110	ug/Kg	09/17/09		JRB	SW8151	
2,4,5-TP (Silvex)	ND	110	ug/Kg	09/17/09		JRB	SW8151	
2,4-D	ND	110	ug/Kg	09/17/09		JRB	SW8151	
2,4-DB	ND	1100	ug/Kg	09/17/09		JRB	SW8151	
Dalapon	ND	550	ug/Kg	09/17/09		JRB	SW8151	
Dicamba	ND	330	ug/Kg	09/17/09		JRB	SW8151	
Dichloroprop	ND	110	ug/Kg	09/17/09		JRB	SW8151	
Dinoseb	ND	220	ug/Kg	09/17/09		JRB	SW8151	
QA/QC Surrogates								
% DCAA	31		%	09/17/09		JRB	SW8151	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	4.8	ug/Kg	09/17/09		R/J	SW8260	
1,1,1-Trichloroethane	ND	4.8	ug/Kg	09/17/09		R/J	SW8260	
1,1,2,2-Tetrachloroethane	ND	4.8	ug/Kg	09/17/09		R/J	SW8260	
1,1,2-Trichloroethane	ND	4.8	ug/Kg	09/17/09		R/J	SW8260	
1,1-Dichloroethane	ND	4.8	ug/Kg	09/17/09		R/J	SW8260	
1,1-Dichloroethene	ND	4.8	ug/Kg	09/17/09		R/J	SW8260	
1,1-Dichloropropene	ND	4.8	ug/Kg	09/17/09		R/J	SW8260	
1,2,3-Trichlorobenzene	ND	4.8	ug/Kg	09/17/09		R/J	SW8260	
1,2,3-Trichloropropane	ND	4.8	ug/Kg	09/17/09		R/J	SW8260	
1,2,4-Trichlorobenzene	ND	4.8	ug/Kg	09/17/09		R/J	SW8260	
1,2,4-Trimethylbenzene	ND	4.8	ug/Kg	09/17/09		R/J	SW8260	
1,2-Dibromo-3-chloropropane	ND	4.8	ug/Kg	09/17/09		R/J	SW8260	
1,2-Dichlorobenzene	ND	4.8	ug/Kg	09/17/09		R/J	SW8260	
1,2-Dichloroethane	ND	4.8	ug/Kg	09/17/09		R/J	SW8260	
1,2-Dichloropropane	ND	4.8	ug/Kg	09/17/09		R/J	SW8260	
1,3,5-Trimethylbenzene	ND	4.8	ug/Kg	09/17/09		R/J	SW8260	
1,3-Dichlorobenzene	ND	4.8	ug/Kg	09/17/09		R/J	SW8260	
1,3-Dichloropropane	ND	4.8	ug/Kg	09/17/09		R/J	SW8260	
1,4-Dichlorobenzene	ND	4.8	ug/Kg	09/17/09		R/J	SW8260	
2,2-Dichloropropane	ND	4.8	ug/Kg	09/17/09		R/J	SW8260	
2-Chlorotoluene	ND	4.8	ug/Kg	09/17/09		R/J	SW8260	
2-Hexanone	ND	24	ug/Kg	09/17/09		R/J	SW8260	
2-Isopropyltoluene	ND	4.8	ug/Kg	09/17/09		R/J	SW8260	

Project ID:

Phoenix I.D.: AS24797

Client ID: SB-4 (1-3)

Parameter	Result	RL	Units	Date	Time	By	Reference
4-Chlorotoluene	ND	4.8	ug/Kg	09/17/09		R/J	SW8260
4-Methyl-2-pentanone	ND	24	ug/Kg	09/17/09		R/J	SW8260
Acetone	ND	97	ug/Kg	09/17/09		R/J	SW8260
Acrylonitrile	ND	4.8	ug/Kg	09/17/09		R/J	SW8260
Benzene	ND	4.8	ug/Kg	09/17/09		R/J	SW8260
Bromobenzene	ND	4.8	ug/Kg	09/17/09		R/J	SW8260
Bromochloromethane	ND	4.8	ug/Kg	09/17/09		R/J	SW8260
Bromodichloromethane	ND	4.8	ug/Kg	09/17/09		R/J	SW8260
Bromoform	ND	4.8	ug/Kg	09/17/09		R/J	SW8260
Bromomethane	ND	4.8	ug/Kg	09/17/09		R/J	SW8260
Carbon Disulfide	ND	4.8	ug/Kg	09/17/09		R/J	SW8260
Carbon tetrachloride	ND	4.8	ug/Kg	09/17/09		R/J	SW8260
Chlorobenzene	ND	4.8	ug/Kg	09/17/09		R/J	SW8260
Chloroethane	ND	4.8	ug/Kg	09/17/09		R/J	SW8260
Chloroform	ND	4.8	ug/Kg	09/17/09		R/J	SW8260
Chloromethane	ND	4.8	ug/Kg	09/17/09		R/J	SW8260
cis-1,2-Dichloroethene	ND	4.8	ug/Kg	09/17/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	4.8	ug/Kg	09/17/09		R/J	SW8260
Dibromochloromethane	ND	4.8	ug/Kg	09/17/09		R/J	SW8260
Dibromoethane	ND	4.8	ug/Kg	09/17/09		R/J	SW8260
Dibromomethane	ND	4.8	ug/Kg	09/17/09		R/J	SW8260
Dichlorodifluoromethane	ND	4.8	ug/Kg	09/17/09		R/J	SW8260
Ethylbenzene	ND	4.8	ug/Kg	09/17/09		R/J	SW8260
Hexachlorobutadiene	ND	4.8	ug/Kg	09/17/09		R/J	SW8260
Isopropylbenzene	ND	4.8	ug/Kg	09/17/09		R/J	SW8260
m&p-Xylene	ND	4.8	ug/Kg	09/17/09		R/J	SW8260
Methyl Ethyl Ketone	ND	29	ug/Kg	09/17/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	9.7	ug/Kg	09/17/09		R/J	SW8260
Methylene chloride	ND	4.8	ug/Kg	09/17/09		R/J	SW8260
Naphthalene	ND	4.8	ug/Kg	09/17/09		R/J	SW8260
n-Butylbenzene	ND	4.8	ug/Kg	09/17/09		R/J	SW8260
n-Propylbenzene	ND	4.8	ug/Kg	09/17/09		R/J	SW8260
o-Xylene	ND	4.8	ug/Kg	09/17/09		R/J	SW8260
p-Isopropyltoluene	ND	4.8	ug/Kg	09/17/09		R/J	SW8260
sec-Butylbenzene	ND	4.8	ug/Kg	09/17/09		R/J	SW8260
Styrene	ND	4.8	ug/Kg	09/17/09		R/J	SW8260
tert-Butylbenzene	ND	4.8	ug/Kg	09/17/09		R/J	SW8260
Tetrachloroethene	ND	4.8	ug/Kg	09/17/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	9.7	ug/Kg	09/17/09		R/J	SW8260
Toluene	ND	4.8	ug/Kg	09/17/09		R/J	SW8260
Total Xylenes	ND	4.8	ug/Kg	09/17/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	4.8	ug/Kg	09/17/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	4.8	ug/Kg	09/17/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	9.7	ug/Kg	09/17/09		R/J	SW8260
Trichloroethene	ND	4.8	ug/Kg	09/17/09		R/J	SW8260
Trichlorofluoromethane	ND	4.8	ug/Kg	09/17/09		R/J	SW8260
Trichlorotrifluoroethane	ND	4.8	ug/Kg	09/17/09		R/J	SW8260
Vinyl chloride	ND	4.8	ug/Kg	09/17/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	105		%	09/17/09		R/J	SW8260
% Bromofluorobenzene	76		%	09/17/09		R/J	SW8260

Project ID:
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Phoenix I.D.: AS24797

Parameter	Result	RL	Units	Date	Time	By	Reference
% Dibromofluoromethane	97		%	09/17/09		R/J	SW8260
% Toluene-d8	93		%	09/17/09		R/J	SW8260
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	370	ug/Kg	09/17/09		HM	SW 8270
1,2,4-Trichlorobenzene	ND	370	ug/Kg	09/17/09		HM	SW 8270
1,2-Dichlorobenzene	ND	370	ug/Kg	09/17/09		HM	SW 8270
1,3-Dichlorobenzene	ND	370	ug/Kg	09/17/09		HM	SW 8270
1,4-Dichlorobenzene	ND	370	ug/Kg	09/17/09		HM	SW 8270
2,4,5-Trichlorophenol	ND	370	ug/Kg	09/17/09		HM	SW 8270
2,4,6-Trichlorophenol	ND	370	ug/Kg	09/17/09		HM	SW 8270
2,4-Dichlorophenol	ND	370	ug/Kg	09/17/09		HM	SW 8270
2,4-Dimethylphenol	ND	370	ug/Kg	09/17/09		HM	SW 8270
2,4-Dinitrophenol	ND	590	ug/Kg	09/17/09		HM	SW 8270
2,4-Dinitrotoluene	ND	370	ug/Kg	09/17/09		HM	SW 8270
2,6-Dinitrotoluene	ND	370	ug/Kg	09/17/09		HM	SW 8270
2-Chloronaphthalene	ND	370	ug/Kg	09/17/09		HM	SW 8270
2-Chlorophenol	ND	370	ug/Kg	09/17/09		HM	SW 8270
2-Methylnaphthalene	ND	370	ug/Kg	09/17/09		HM	SW 8270
2-Methylphenol (o-cresol)	ND	370	ug/Kg	09/17/09		HM	SW 8270
2-Nitroaniline	ND	590	ug/Kg	09/17/09		HM	SW 8270
2-Nitrophenol	ND	370	ug/Kg	09/17/09		HM	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	370	ug/Kg	09/17/09		HM	SW 8270
3,3'-Dichlorobenzidine	ND	440	ug/Kg	09/17/09		HM	SW 8270
3-Nitroaniline	ND	590	ug/Kg	09/17/09		HM	SW 8270
4,6-Dinitro-2-methylphenol	ND	1100	ug/Kg	09/17/09		HM	SW 8270
4-Bromophenyl phenyl ether	ND	370	ug/Kg	09/17/09		HM	SW 8270
4-Chloro-3-methylphenol	ND	440	ug/Kg	09/17/09		HM	SW 8270
4-Chloroaniline	ND	440	ug/Kg	09/17/09		HM	SW 8270
4-Chlorophenyl phenyl ether	ND	370	ug/Kg	09/17/09		HM	SW 8270
4-Nitroaniline	ND	590	ug/Kg	09/17/09		HM	SW 8270
4-Nitrophenol	ND	1100	ug/Kg	09/17/09		HM	SW 8270
Acenaphthene	ND	370	ug/Kg	09/17/09		HM	SW 8270
Acenaphthylene	1800	370	ug/Kg	09/17/09		HM	SW 8270
Acetophenone	ND	370	ug/Kg	09/17/09		HM	SW 8270
Aniline	ND	1100	ug/Kg	09/17/09		HM	SW 8270
Anthracene	940	370	ug/Kg	09/17/09		HM	SW 8270
Azobenzene	ND	370	ug/Kg	09/17/09		HM	SW 8270
Benz(a)anthracene	4400	370	ug/Kg	09/17/09		HM	SW 8270
Benzidine	ND	370	ug/Kg	09/17/09		HM	SW 8270
Benzo(a)pyrene	5500	370	ug/Kg	09/17/09		HM	SW 8270
Benzo(b)fluoranthene	6700	1800	ug/Kg	09/17/09		HM	SW 8270
Benzo(ghi)perylene	2800	370	ug/Kg	09/17/09		HM	SW 8270
Benzo(k)fluoranthene	2700	370	ug/Kg	09/17/09		HM	SW 8270
Benzoic acid	ND	1100	ug/Kg	09/17/09		HM	SW 8270
Benzyl butyl phthalate	ND	370	ug/Kg	09/17/09		HM	SW 8270
Bis(2-chloroethoxy)methane	ND	370	ug/Kg	09/17/09		HM	SW 8270
Bis(2-chloroethyl)ether	ND	370	ug/Kg	09/17/09		HM	SW 8270
Bis(2-chloroisopropyl)ether	ND	370	ug/Kg	09/17/09		HM	SW 8270
Bis(2-ethylhexyl)phthalate	ND	370	ug/Kg	09/17/09		HM	SW 8270
Carbazole	ND	1100	ug/Kg	09/17/09		HM	SW 8270

Project ID:
Client ID: SB-4 (1-3)

Phoenix I.D.: AS24797

Parameter	Result	RL	Units	Date	Time	By	Reference
Chrysene	5300	370	ug/Kg	09/17/09		HM	SW 8270
Dibenz(a,h)anthracene	900	370	ug/Kg	09/17/09		HM	SW 8270
Dibenzofuran	ND	370	ug/Kg	09/17/09		HM	SW 8270
Diethyl phthalate	ND	370	ug/Kg	09/17/09		HM	SW 8270
Dimethylphthalate	ND	370	ug/Kg	09/17/09		HM	SW 8270
Di-n-butylphthalate	ND	370	ug/Kg	09/17/09		HM	SW 8270
Di-n-octylphthalate	ND	370	ug/Kg	09/17/09		HM	SW 8270
Fluoranthene	9600	1800	ug/Kg	09/17/09		HM	SW 8270
Fluorene	ND	370	ug/Kg	09/17/09		HM	SW 8270
Hexachlorobenzene	ND	370	ug/Kg	09/17/09		HM	SW 8270
Hexachlorobutadiene	ND	370	ug/Kg	09/17/09		HM	SW 8270
Hexachlorocyclopentadiene	ND	370	ug/Kg	09/17/09		HM	SW 8270
Hexachloroethane	ND	370	ug/Kg	09/17/09		HM	SW 8270
Indeno(1,2,3-cd)pyrene	2800	370	ug/Kg	09/17/09		HM	SW 8270
Isophorone	ND	370	ug/Kg	09/17/09		HM	SW 8270
Naphthalene	ND	370	ug/Kg	09/17/09		HM	SW 8270
Nitrobenzene	ND	370	ug/Kg	09/17/09		HM	SW 8270
N-Nitrosodimethylamine	ND	370	ug/Kg	09/17/09		HM	SW 8270
N-Nitrosodi-n-propylamine	ND	370	ug/Kg	09/17/09		HM	SW 8270
N-Nitrosodiphenylamine	ND	370	ug/Kg	09/17/09		HM	SW 8270
Pentachloronitrobenzene	ND	370	ug/Kg	09/17/09		HM	SW 8270
Pentachlorophenol	ND	370	ug/Kg	09/17/09		HM	SW 8270
Phenanthrene	4600	370	ug/Kg	09/17/09		HM	SW 8270
Phenol	ND	370	ug/Kg	09/17/09		HM	SW 8270
Pyrene	8100	1800	ug/Kg	09/17/09		HM	SW 8270
Pyridine	ND	370	ug/Kg	09/17/09		HM	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	111		%	09/17/09		HM	SW 8270
% 2-Fluorobiphenyl	74		%	09/17/09		HM	SW 8270
% 2-Fluorophenol	86		%	09/17/09		HM	SW 8270
% Nitrobenzene-d5	85		%	09/17/09		HM	SW 8270
% Phenol-d5	90		%	09/17/09		HM	SW 8270
% Terphenyl-d14	94		%	09/17/09		HM	SW 8270
TPH by GC (Extractable Products)							
Ext. Petroleum HC	420	11	mg/Kg	09/25/09		KCA	CT ETPH
Identification	**		mg/Kg	09/25/09		KCA	CT ETPH
QA/QC Surrogates							
% n-Pentacosane	85		%	09/25/09		KCA	CT ETPH
Polychlorinated Biphenyls							
PCB-1016	ND	370	ug/Kg	09/17/09		MH	SW 8082
PCB-1221	ND	370	ug/Kg	09/17/09		MH	SW 8082
PCB-1232	ND	370	ug/Kg	09/17/09		MH	SW 8082
PCB-1242	ND	370	ug/Kg	09/17/09		MH	SW 8082
PCB-1248	ND	370	ug/Kg	09/17/09		MH	SW 8082
PCB-1254	ND	370	ug/Kg	09/17/09		MH	SW 8082
PCB-1260	ND	370	ug/Kg	09/17/09		MH	SW 8082
PCB-1262	ND	370	ug/Kg	09/17/09		MH	SW 8082
PCB-1268	ND	370	ug/Kg	09/17/09		MH	SW 8082
QA/QC Surrogates							

Project ID:
Client ID: SB-4 (1-3)

Phoenix I.D.: AS24797

Parameter	Result	RL	Units	Date	Time	By	Reference
% DCBP	70		%	09/17/09		MH	SW 8082
% TCMX	76		%	09/17/09		MH	SW 8082
Pesticides							
4,4' -DDD	ND	35	ug/Kg	09/17/09		MH	SW8081
4,4' -DDE	ND	35	ug/Kg	09/17/09		MH	SW8081
4,4' -DDT	ND	35	ug/Kg	09/17/09		MH	SW8081
a-BHC	ND	18	ug/Kg	09/17/09		MH	SW8081
Alachlor	ND	18	ug/Kg	09/17/09		MH	SW8081
Aldrin	ND	5.5	ug/Kg	09/17/09		MH	SW8081
b-BHC	ND	18	ug/Kg	09/17/09		MH	SW8081
Chlordane	ND	55	ug/Kg	09/17/09		MH	SW8081
d-BHC	ND	18	ug/Kg	09/17/09		MH	SW8081
Dieldrin	ND	5.5	ug/Kg	09/17/09		MH	SW8081
Endosulfan I	ND	18	ug/Kg	09/17/09		MH	SW8081
Endosulfan II	ND	35	ug/Kg	09/17/09		MH	SW8081
Endosulfan sulfate	ND	35	ug/Kg	09/17/09		MH	SW8081
Endrin	ND	35	ug/Kg	09/17/09		MH	SW8081
Endrin aldehyde	ND	35	ug/Kg	09/17/09		MH	SW8081
Endrin ketone	ND	35	ug/Kg	09/17/09		MH	SW8081
g-BHC	ND	18	ug/Kg	09/17/09		MH	SW8081
Heptachlor	ND	11	ug/Kg	09/17/09		MH	SW8081
Heptachlor epoxide	ND	18	ug/Kg	09/17/09		MH	SW8081
Methoxychlor	ND	180	ug/Kg	09/17/09		MH	SW8081
Toxaphene	ND	180	ug/Kg	09/17/09		MH	SW8081
QA/QC Surrogates							
% DCBP	80		%	09/17/09		MH	SW8081
% TCMX	76		%	09/17/09		MH	SW8081

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters.

Comments:

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

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

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

Phyllis Shiller, Laboratory Director
October 08, 2009

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac
NY # 11301

Analysis Report

October 08, 2009

FOR: Attn: Ms. Marya Mahoney
TRC Environmental Corp.
21 Griffen Rd North
Windsor, CT 06095

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		09/15/09	12:15
Location Code:	TRC	Received by:	LB	09/16/09	13:30
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	15422				

Laboratory Data

SDG ID: GAS24790
Phoenix ID: AS24801

Project ID:

Client ID: SED-1

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.41	0.41	mg/Kg	09/17/09		EK	SW6010
Arsenic	< 0.8	0.8	mg/Kg	09/17/09		EK	SW6010
Barium	37.9	0.41	mg/Kg	09/17/09		EK	SW6010
Cadmium	< 0.41	0.41	mg/Kg	09/17/09		EK	SW6010
Chromium	6.40	0.41	mg/Kg	09/17/09		EK	SW6010
Mercury	< 0.1	0.1	mg/Kg	09/17/09		LK	SW-7471
Lead	21.3	0.41	mg/Kg	09/17/09		EK	SW6010
Selenium	< 2.1	2.1	mg/Kg	09/17/09		EK	SW6010
SPLP Silver	< 0.010	0.010	mg/L	10/07/09		EK	E1312/SW6010
SPLP Arsenic	< 0.004	0.004	mg/L	10/07/09		EK	E1312/SW6010
SPLP Barium	0.052	0.010	mg/L	10/07/09		EK	E1312/SW6010
SPLP Cadmium	< 0.005	0.005	mg/L	10/07/09		EK	E1312/SW6010
SPLP Chromium	< 0.010	0.010	mg/L	10/07/09		EK	E1312/SW6010
SPLP Mercury	< 0.001	0.001	mg/L	10/07/09		RS	1312/245.1
SPLP Lead	< 0.015	0.015	mg/L	10/07/09		EK	E1312/SW6010
SPLP Selenium	< 0.020	0.020	mg/L	10/07/09		EK	E1312/SW6010
Percent Solid	74		%	09/16/09		s-JL	E160.3
Soil Extraction for PCB	Completed			09/16/09		BB/D	SW3545
Soil Extraction for Pesticide	Completed			09/16/09		BB	SW3545
Soil Extraction for SVOA	Completed			09/16/09		QS/D	SW3545
Extraction of CT ETPH	Completed			09/16/09		QS/D	3545
Mercury Digestion	Completed			09/17/09		K	SW7471
Soil Extraction for Herbicide	Completed			09/16/09		M/D	SW8151
SPLP PCB Extraction	Completed			09/17/09		O/O	SW3510/3520
SPLP Digestion Mercury	Completed			10/07/09		K	E1312/SW7470
SPLP Extraction for Metals	Completed			10/06/09		k	EPA 1312
SPLP Extraction for Organics	Completed			09/16/09		K	EPA1312
Total Metals Digest	Completed			09/16/09		AG/C	SW846 - 3050
SPLP Metals Digestion	Completed			10/07/09		K	SW846-3005

Project ID:
Client ID: SED-1

Phoenix I.D.: AS24801

Parameter	Result	RL	Units	Date	Time	By	Reference	
Field Extraction	Completed			09/15/09		TRC	SW5035	1
SPLP Polychlorinated Biphenyls								
PCB-1016	ND	0.5	ug/L	09/18/09		MH	SW8082	
PCB-1221	ND	0.5	ug/L	09/18/09		MH	SW8082	
PCB-1232	ND	0.5	ug/L	09/18/09		MH	SW8082	
PCB-1242	ND	0.5	ug/L	09/18/09		MH	SW8082	
PCB-1248	ND	0.5	ug/L	09/18/09		MH	SW8082	
PCB-1254	ND	0.5	ug/L	09/18/09		MH	SW8082	
PCB-1260	ND	0.5	ug/L	09/18/09		MH	SW8082	
PCB-1262	ND	0.5	ug/L	09/18/09		MH	SW8082	
PCB-1268	ND	0.5	ug/L	09/18/09		MH	SW8082	
QA/QC Surrogates								
%DCBP (Surrogate Rec)	63		%	09/18/09		MH	SW8082	
%TCMX (Surrogate Rec)	85		%	09/18/09		MH	SW8082	
Chlorinated Herbicides								
2,4,5-T	ND	130	ug/Kg	09/17/09		JRB	SW8151	
2,4,5-TP (Silvex)	ND	130	ug/Kg	09/17/09		JRB	SW8151	
2,4-D	ND	130	ug/Kg	09/17/09		JRB	SW8151	
2,4-DB	ND	1300	ug/Kg	09/17/09		JRB	SW8151	
Dalapon	ND	660	ug/Kg	09/17/09		JRB	SW8151	
Dicamba	ND	400	ug/Kg	09/17/09		JRB	SW8151	
Dichloroprop	ND	130	ug/Kg	09/17/09		JRB	SW8151	
Dinoseb	ND	260	ug/Kg	09/17/09		JRB	SW8151	
QA/QC Surrogates								
% DCAA	57		%	09/17/09		JRB	SW8151	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	5.1	ug/Kg	09/17/09		R/J	SW8260	
1,1,1-Trichloroethane	ND	5.1	ug/Kg	09/17/09		R/J	SW8260	
1,1,2,2-Tetrachloroethane	ND	5.1	ug/Kg	09/17/09		R/J	SW8260	
1,1,2-Trichloroethane	ND	5.1	ug/Kg	09/17/09		R/J	SW8260	
1,1-Dichloroethane	ND	5.1	ug/Kg	09/17/09		R/J	SW8260	
1,1-Dichloroethene	ND	5.1	ug/Kg	09/17/09		R/J	SW8260	
1,1-Dichloropropene	ND	5.1	ug/Kg	09/17/09		R/J	SW8260	
1,2,3-Trichlorobenzene	ND	5.1	ug/Kg	09/17/09		R/J	SW8260	
1,2,3-Trichloropropane	ND	5.1	ug/Kg	09/17/09		R/J	SW8260	
1,2,4-Trichlorobenzene	ND	5.1	ug/Kg	09/17/09		R/J	SW8260	
1,2,4-Trimethylbenzene	ND	5.1	ug/Kg	09/17/09		R/J	SW8260	
1,2-Dibromo-3-chloropropane	ND	5.1	ug/Kg	09/17/09		R/J	SW8260	
1,2-Dichlorobenzene	ND	5.1	ug/Kg	09/17/09		R/J	SW8260	
1,2-Dichloroethane	ND	5.1	ug/Kg	09/17/09		R/J	SW8260	
1,2-Dichloropropane	ND	5.1	ug/Kg	09/17/09		R/J	SW8260	
1,3,5-Trimethylbenzene	ND	5.1	ug/Kg	09/17/09		R/J	SW8260	
1,3-Dichlorobenzene	ND	5.1	ug/Kg	09/17/09		R/J	SW8260	
1,3-Dichloropropane	ND	5.1	ug/Kg	09/17/09		R/J	SW8260	
1,4-Dichlorobenzene	ND	5.1	ug/Kg	09/17/09		R/J	SW8260	
2,2-Dichloropropane	ND	5.1	ug/Kg	09/17/09		R/J	SW8260	
2-Chlorotoluene	ND	5.1	ug/Kg	09/17/09		R/J	SW8260	
2-Hexanone	ND	26	ug/Kg	09/17/09		R/J	SW8260	
2-Isopropyltoluene	ND	5.1	ug/Kg	09/17/09		R/J	SW8260	

Project ID:

Client ID: SED-1

Phoenix I.D.: AS24801

Parameter	Result	RL	Units	Date	Time	By	Reference
4-Chlorotoluene	ND	5.1	ug/Kg	09/17/09		R/J	SW8260
4-Methyl-2-pentanone	ND	26	ug/Kg	09/17/09		R/J	SW8260
Acetone	ND	100	ug/Kg	09/17/09		R/J	SW8260
Acrylonitrile	ND	5.1	ug/Kg	09/17/09		R/J	SW8260
Benzene	ND	5.1	ug/Kg	09/17/09		R/J	SW8260
Bromobenzene	ND	5.1	ug/Kg	09/17/09		R/J	SW8260
Bromochloromethane	ND	5.1	ug/Kg	09/17/09		R/J	SW8260
Bromodichloromethane	ND	5.1	ug/Kg	09/17/09		R/J	SW8260
Bromoform	ND	5.1	ug/Kg	09/17/09		R/J	SW8260
Bromomethane	ND	5.1	ug/Kg	09/17/09		R/J	SW8260
Carbon Disulfide	ND	5.1	ug/Kg	09/17/09		R/J	SW8260
Carbon tetrachloride	ND	5.1	ug/Kg	09/17/09		R/J	SW8260
Chlorobenzene	ND	5.1	ug/Kg	09/17/09		R/J	SW8260
Chloroethane	ND	5.1	ug/Kg	09/17/09		R/J	SW8260
Chloroform	ND	5.1	ug/Kg	09/17/09		R/J	SW8260
Chloromethane	ND	5.1	ug/Kg	09/17/09		R/J	SW8260
cis-1,2-Dichloroethene	ND	5.1	ug/Kg	09/17/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	5.1	ug/Kg	09/17/09		R/J	SW8260
Dibromochloromethane	ND	5.1	ug/Kg	09/17/09		R/J	SW8260
Dibromoethane	ND	5.1	ug/Kg	09/17/09		R/J	SW8260
Dibromomethane	ND	5.1	ug/Kg	09/17/09		R/J	SW8260
Dichlorodifluoromethane	ND	5.1	ug/Kg	09/17/09		R/J	SW8260
Ethylbenzene	ND	5.1	ug/Kg	09/17/09		R/J	SW8260
Hexachlorobutadiene	ND	5.1	ug/Kg	09/17/09		R/J	SW8260
Isopropylbenzene	ND	5.1	ug/Kg	09/17/09		R/J	SW8260
m&p-Xylene	ND	5.1	ug/Kg	09/17/09		R/J	SW8260
Methyl Ethyl Ketone	ND	31	ug/Kg	09/17/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	10	ug/Kg	09/17/09		R/J	SW8260
Methylene chloride	ND	5.1	ug/Kg	09/17/09		R/J	SW8260
Naphthalene	ND	5.1	ug/Kg	09/17/09		R/J	SW8260
n-Butylbenzene	ND	5.1	ug/Kg	09/17/09		R/J	SW8260
n-Propylbenzene	ND	5.1	ug/Kg	09/17/09		R/J	SW8260
o-Xylene	ND	5.1	ug/Kg	09/17/09		R/J	SW8260
p-Isopropyltoluene	ND	5.1	ug/Kg	09/17/09		R/J	SW8260
sec-Butylbenzene	ND	5.1	ug/Kg	09/17/09		R/J	SW8260
Styrene	ND	5.1	ug/Kg	09/17/09		R/J	SW8260
tert-Butylbenzene	ND	5.1	ug/Kg	09/17/09		R/J	SW8260
Tetrachloroethene	ND	5.1	ug/Kg	09/17/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	10	ug/Kg	09/17/09		R/J	SW8260
Toluene	ND	5.1	ug/Kg	09/17/09		R/J	SW8260
Total Xylenes	ND	5.1	ug/Kg	09/17/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	5.1	ug/Kg	09/17/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	5.1	ug/Kg	09/17/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	10	ug/Kg	09/17/09		R/J	SW8260
Trichloroethene	ND	5.1	ug/Kg	09/17/09		R/J	SW8260
Trichlorofluoromethane	ND	5.1	ug/Kg	09/17/09		R/J	SW8260
Trichlorotrifluoroethane	ND	5.1	ug/Kg	09/17/09		R/J	SW8260
Vinyl chloride	ND	5.1	ug/Kg	09/17/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	100		%	09/17/09		R/J	SW8260
% Bromofluorobenzene	85		%	09/17/09		R/J	SW8260

Project ID:

Client ID: SED-1

Phoenix I.D.: AS24801

Parameter	Result	RL	Units	Date	Time	By	Reference
% Dibromofluoromethane	90		%	09/17/09		R/J	SW8260
% Toluene-d8	91		%	09/17/09		R/J	SW8260
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	450	ug/Kg	09/17/09		HM	SW 8270
1,2,4-Trichlorobenzene	ND	450	ug/Kg	09/17/09		HM	SW 8270
1,2-Dichlorobenzene	ND	450	ug/Kg	09/17/09		HM	SW 8270
1,3-Dichlorobenzene	ND	450	ug/Kg	09/17/09		HM	SW 8270
1,4-Dichlorobenzene	ND	450	ug/Kg	09/17/09		HM	SW 8270
2,4,5-Trichlorophenol	ND	450	ug/Kg	09/17/09		HM	SW 8270
2,4,6-Trichlorophenol	ND	450	ug/Kg	09/17/09		HM	SW 8270
2,4-Dichlorophenol	ND	450	ug/Kg	09/17/09		HM	SW 8270
2,4-Dimethylphenol	ND	450	ug/Kg	09/17/09		HM	SW 8270
2,4-Dinitrophenol	ND	710	ug/Kg	09/17/09		HM	SW 8270
2,4-Dinitrotoluene	ND	450	ug/Kg	09/17/09		HM	SW 8270
2,6-Dinitrotoluene	ND	450	ug/Kg	09/17/09		HM	SW 8270
2-Chloronaphthalene	ND	450	ug/Kg	09/17/09		HM	SW 8270
2-Chlorophenol	ND	450	ug/Kg	09/17/09		HM	SW 8270
2-Methylnaphthalene	ND	450	ug/Kg	09/17/09		HM	SW 8270
2-Methylphenol (o-cresol)	ND	450	ug/Kg	09/17/09		HM	SW 8270
2-Nitroaniline	ND	710	ug/Kg	09/17/09		HM	SW 8270
2-Nitrophenol	ND	450	ug/Kg	09/17/09		HM	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	450	ug/Kg	09/17/09		HM	SW 8270
3,3'-Dichlorobenzidine	ND	540	ug/Kg	09/17/09		HM	SW 8270
3-Nitroaniline	ND	710	ug/Kg	09/17/09		HM	SW 8270
4,6-Dinitro-2-methylphenol	ND	1300	ug/Kg	09/17/09		HM	SW 8270
4-Bromophenyl phenyl ether	ND	450	ug/Kg	09/17/09		HM	SW 8270
4-Chloro-3-methylphenol	ND	540	ug/Kg	09/17/09		HM	SW 8270
4-Chloroaniline	ND	540	ug/Kg	09/17/09		HM	SW 8270
4-Chlorophenyl phenyl ether	ND	450	ug/Kg	09/17/09		HM	SW 8270
4-Nitroaniline	ND	710	ug/Kg	09/17/09		HM	SW 8270
4-Nitrophenol	ND	1300	ug/Kg	09/17/09		HM	SW 8270
Acenaphthene	550	450	ug/Kg	09/17/09		HM	SW 8270
Acenaphthylene	ND	450	ug/Kg	09/17/09		HM	SW 8270
Acetophenone	ND	450	ug/Kg	09/17/09		HM	SW 8270
Aniline	ND	1300	ug/Kg	09/17/09		HM	SW 8270
Anthracene	1500	450	ug/Kg	09/17/09		HM	SW 8270
Azobenzene	ND	450	ug/Kg	09/17/09		HM	SW 8270
Benz(a)anthracene	4300	450	ug/Kg	09/17/09		HM	SW 8270
Benzidine	ND	450	ug/Kg	09/17/09		HM	SW 8270
Benzo(a)pyrene	4400	450	ug/Kg	09/17/09		HM	SW 8270
Benzo(b)fluoranthene	6400	450	ug/Kg	09/17/09		HM	SW 8270
Benzo(ghi)perylene	1700	450	ug/Kg	09/17/09		HM	SW 8270
Benzo(k)fluoranthene	1900	450	ug/Kg	09/17/09		HM	SW 8270
Benzoic acid	ND	1300	ug/Kg	09/17/09		HM	SW 8270
Benzyl butyl phthalate	ND	450	ug/Kg	09/17/09		HM	SW 8270
Bis(2-chloroethoxy)methane	ND	450	ug/Kg	09/17/09		HM	SW 8270
Bis(2-chloroethyl)ether	ND	450	ug/Kg	09/17/09		HM	SW 8270
Bis(2-chloroisopropyl)ether	ND	450	ug/Kg	09/17/09		HM	SW 8270
Bis(2-ethylhexyl)phthalate	ND	450	ug/Kg	09/17/09		HM	SW 8270
Carbazole	2400	1300	ug/Kg	09/17/09		HM	SW 8270

Project ID:
Client ID: SED-1

Phoenix I.D.: AS24801

Parameter	Result	RL	Units	Date	Time	By	Reference
Chrysene	5100	450	ug/Kg	09/17/09		HM	SW 8270
Dibenz(a,h)anthracene	520	450	ug/Kg	09/17/09		HM	SW 8270
Dibenzofuran	ND	450	ug/Kg	09/17/09		HM	SW 8270
Diethyl phthalate	ND	450	ug/Kg	09/17/09		HM	SW 8270
Dimethylphthalate	ND	450	ug/Kg	09/17/09		HM	SW 8270
Di-n-butylphthalate	ND	450	ug/Kg	09/17/09		HM	SW 8270
Di-n-octylphthalate	ND	450	ug/Kg	09/17/09		HM	SW 8270
Fluoranthene	13000	2200	ug/Kg	09/17/09		HM	SW 8270
Fluorene	780	450	ug/Kg	09/17/09		HM	SW 8270
Hexachlorobenzene	ND	450	ug/Kg	09/17/09		HM	SW 8270
Hexachlorobutadiene	ND	450	ug/Kg	09/17/09		HM	SW 8270
Hexachlorocyclopentadiene	ND	450	ug/Kg	09/17/09		HM	SW 8270
Hexachloroethane	ND	450	ug/Kg	09/17/09		HM	SW 8270
Indeno(1,2,3-cd)pyrene	1700	450	ug/Kg	09/17/09		HM	SW 8270
Isophorone	ND	450	ug/Kg	09/17/09		HM	SW 8270
Naphthalene	ND	450	ug/Kg	09/17/09		HM	SW 8270
Nitrobenzene	ND	450	ug/Kg	09/17/09		HM	SW 8270
N-Nitrosodimethylamine	ND	450	ug/Kg	09/17/09		HM	SW 8270
N-Nitrosodi-n-propylamine	ND	450	ug/Kg	09/17/09		HM	SW 8270
N-Nitrosodiphenylamine	ND	450	ug/Kg	09/17/09		HM	SW 8270
Pentachloronitrobenzene	ND	450	ug/Kg	09/17/09		HM	SW 8270
Pentachlorophenol	ND	450	ug/Kg	09/17/09		HM	SW 8270
Phenanthrene	8300	2200	ug/Kg	09/17/09		HM	SW 8270
Phenol	ND	450	ug/Kg	09/17/09		HM	SW 8270
Pyrene	9600	2200	ug/Kg	09/17/09		HM	SW 8270
Pyridine	ND	450	ug/Kg	09/17/09		HM	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	70		%	09/17/09		HM	SW 8270
% 2-Fluorobiphenyl	47		%	09/17/09		HM	SW 8270
% 2-Fluorophenol	49		%	09/17/09		HM	SW 8270
% Nitrobenzene-d5	49		%	09/17/09		HM	SW 8270
% Phenol-d5	44		%	09/17/09		HM	SW 8270
% Terphenyl-d14	47		%	09/17/09		HM	SW 8270
TPH by GC (Extractable Products)							
Ext. Petroleum HC	270	13	mg/Kg	09/21/09		KCA	CT ETPH
Identification	**		mg/Kg	09/21/09		KCA	CT ETPH
QA/QC Surrogates							
% n-Pentacosane	110		%	09/21/09		KCA	CT ETPH
Polychlorinated Biphenyls							
PCB-1016	ND	440	ug/Kg	09/17/09		MH	SW 8082
PCB-1221	ND	440	ug/Kg	09/17/09		MH	SW 8082
PCB-1232	ND	440	ug/Kg	09/17/09		MH	SW 8082
PCB-1242	ND	440	ug/Kg	09/17/09		MH	SW 8082
PCB-1248	ND	440	ug/Kg	09/17/09		MH	SW 8082
PCB-1254	ND	440	ug/Kg	09/17/09		MH	SW 8082
PCB-1260	ND	440	ug/Kg	09/17/09		MH	SW 8082
PCB-1262	ND	440	ug/Kg	09/17/09		MH	SW 8082
PCB-1268	ND	440	ug/Kg	09/17/09		MH	SW 8082
QA/QC Surrogates							

Project ID:
Client ID: SED-1

Phoenix I.D.: AS24801

Parameter	Result	RL	Units	Date	Time	By	Reference
% DCBP	74		%	09/17/09		MH	SW 8082
% TCMX	78		%	09/17/09		MH	SW 8082
Pesticides							
4,4' -DDD	ND	42	ug/Kg	09/17/09		MH	SW8081
4,4' -DDE	ND	42	ug/Kg	09/17/09		MH	SW8081
4,4' -DDT	ND	42	ug/Kg	09/17/09		MH	SW8081
a-BHC	ND	21	ug/Kg	09/17/09		MH	SW8081
Alachlor	ND	21	ug/Kg	09/17/09		MH	SW8081
Aldrin	ND	6.6	ug/Kg	09/17/09		MH	SW8081
b-BHC	ND	21	ug/Kg	09/17/09		MH	SW8081
Chlordane	ND	66	ug/Kg	09/17/09		MH	SW8081
d-BHC	ND	21	ug/Kg	09/17/09		MH	SW8081
Dieldrin	ND	6.6	ug/Kg	09/17/09		MH	SW8081
Endosulfan I	ND	21	ug/Kg	09/17/09		MH	SW8081
Endosulfan II	ND	42	ug/Kg	09/17/09		MH	SW8081
Endosulfan sulfate	ND	42	ug/Kg	09/17/09		MH	SW8081
Endrin	ND	42	ug/Kg	09/17/09		MH	SW8081
Endrin aldehyde	ND	42	ug/Kg	09/17/09		MH	SW8081
Endrin ketone	ND	42	ug/Kg	09/17/09		MH	SW8081
g-BHC	ND	21	ug/Kg	09/17/09		MH	SW8081
Heptachlor	ND	13	ug/Kg	09/17/09		MH	SW8081
Heptachlor epoxide	ND	21	ug/Kg	09/17/09		MH	SW8081
Methoxychlor	ND	210	ug/Kg	09/17/09		MH	SW8081
Toxaphene	ND	210	ug/Kg	09/17/09		MH	SW8081
QA/QC Surrogates							
% DCBP	104		%	09/17/09		MH	SW8081
% TCMX	90		%	09/17/09		MH	SW8081

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters.

Comments:

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

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

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

Phyllis Shiller, Laboratory Director
October 08, 2009

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 08, 2009

FOR: Attn: Marya Mahoney
TRC Environmental Corp.
21 Griffen Rd North
Windsor, CT 06095

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		09/16/09	0:00
Location Code:	TRC	Received by:	BA	09/16/09	13:30
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	15422				

Laboratory Data

SDG ID: GAS24790
Phoenix ID: AS24839

Project ID:

Client ID: SB091509 LOW LEVEL TRIP

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	09/16/09		BA	E160.3
Field Extraction	Completed			09/16/09		TRC	SW5035
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	09/17/09		R/J	SW8260
1,1,1-Trichloroethane	ND	5.0	ug/Kg	09/17/09		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	09/17/09		R/J	SW8260
1,1,2-Trichloroethane	ND	5.0	ug/Kg	09/17/09		R/J	SW8260
1,1-Dichloroethane	ND	5.0	ug/Kg	09/17/09		R/J	SW8260
1,1-Dichloroethene	ND	5.0	ug/Kg	09/17/09		R/J	SW8260
1,1-Dichloropropene	ND	5.0	ug/Kg	09/17/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	5.0	ug/Kg	09/17/09		R/J	SW8260
1,2,3-Trichloropropane	ND	5.0	ug/Kg	09/17/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	5.0	ug/Kg	09/17/09		R/J	SW8260
1,2,4-Trimethylbenzene	ND	5.0	ug/Kg	09/17/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	5.0	ug/Kg	09/17/09		R/J	SW8260
1,2-Dichlorobenzene	ND	5.0	ug/Kg	09/17/09		R/J	SW8260
1,2-Dichloroethane	ND	5.0	ug/Kg	09/17/09		R/J	SW8260
1,2-Dichloropropane	ND	5.0	ug/Kg	09/17/09		R/J	SW8260
1,3,5-Trimethylbenzene	ND	5.0	ug/Kg	09/17/09		R/J	SW8260
1,3-Dichlorobenzene	ND	5.0	ug/Kg	09/17/09		R/J	SW8260
1,3-Dichloropropane	ND	5.0	ug/Kg	09/17/09		R/J	SW8260
1,4-Dichlorobenzene	ND	5.0	ug/Kg	09/17/09		R/J	SW8260
2,2-Dichloropropane	ND	5.0	ug/Kg	09/17/09		R/J	SW8260
2-Chlorotoluene	ND	5.0	ug/Kg	09/17/09		R/J	SW8260
2-Hexanone	ND	25	ug/Kg	09/17/09		R/J	SW8260
2-Isopropyltoluene	ND	5.0	ug/Kg	09/17/09		R/J	SW8260
4-Chlorotoluene	ND	5.0	ug/Kg	09/17/09		R/J	SW8260
4-Methyl-2-pentanone	ND	25	ug/Kg	09/17/09		R/J	SW8260

Project ID:

Phoenix I.D.: AS24839

Client ID: SB091509 LOW LEVEL TRIP

Parameter	Result	RL	Units	Date	Time	By	Reference
Acetone	ND	100	ug/Kg	09/17/09		R/J	SW8260
Acrylonitrile	ND	5.0	ug/Kg	09/17/09		R/J	SW8260
Benzene	ND	5.0	ug/Kg	09/17/09		R/J	SW8260
Bromobenzene	ND	5.0	ug/Kg	09/17/09		R/J	SW8260
Bromochloromethane	ND	5.0	ug/Kg	09/17/09		R/J	SW8260
Bromodichloromethane	ND	5.0	ug/Kg	09/17/09		R/J	SW8260
Bromoform	ND	5.0	ug/Kg	09/17/09		R/J	SW8260
Bromomethane	ND	5.0	ug/Kg	09/17/09		R/J	SW8260
Carbon Disulfide	ND	5.0	ug/Kg	09/17/09		R/J	SW8260
Carbon tetrachloride	ND	5.0	ug/Kg	09/17/09		R/J	SW8260
Chlorobenzene	ND	5.0	ug/Kg	09/17/09		R/J	SW8260
Chloroethane	ND	5.0	ug/Kg	09/17/09		R/J	SW8260
Chloroform	ND	5.0	ug/Kg	09/17/09		R/J	SW8260
Chloromethane	ND	5.0	ug/Kg	09/17/09		R/J	SW8260
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	09/17/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	09/17/09		R/J	SW8260
Dibromochloromethane	ND	5.0	ug/Kg	09/17/09		R/J	SW8260
Dibromoethane	ND	5.0	ug/Kg	09/17/09		R/J	SW8260
Dibromomethane	ND	5.0	ug/Kg	09/17/09		R/J	SW8260
Dichlorodifluoromethane	ND	5.0	ug/Kg	09/17/09		R/J	SW8260
Ethylbenzene	ND	5.0	ug/Kg	09/17/09		R/J	SW8260
Hexachlorobutadiene	ND	5.0	ug/Kg	09/17/09		R/J	SW8260
Isopropylbenzene	ND	5.0	ug/Kg	09/17/09		R/J	SW8260
m&p-Xylene	ND	5.0	ug/Kg	09/17/09		R/J	SW8260
Methyl Ethyl Ketone	ND	30	ug/Kg	09/17/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	10	ug/Kg	09/17/09		R/J	SW8260
Methylene chloride	ND	5.0	ug/Kg	09/17/09		R/J	SW8260
Naphthalene	ND	5.0	ug/Kg	09/17/09		R/J	SW8260
n-Butylbenzene	ND	5.0	ug/Kg	09/17/09		R/J	SW8260
n-Propylbenzene	ND	5.0	ug/Kg	09/17/09		R/J	SW8260
o-Xylene	ND	5.0	ug/Kg	09/17/09		R/J	SW8260
p-Isopropyltoluene	ND	5.0	ug/Kg	09/17/09		R/J	SW8260
sec-Butylbenzene	ND	5.0	ug/Kg	09/17/09		R/J	SW8260
Styrene	ND	5.0	ug/Kg	09/17/09		R/J	SW8260
tert-Butylbenzene	ND	5.0	ug/Kg	09/17/09		R/J	SW8260
Tetrachloroethene	ND	5.0	ug/Kg	09/17/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	10	ug/Kg	09/17/09		R/J	SW8260
Toluene	ND	5.0	ug/Kg	09/17/09		R/J	SW8260
Total Xylenes	ND	5.0	ug/Kg	09/17/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	09/17/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	09/17/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	10	ug/Kg	09/17/09		R/J	SW8260
Trichloroethene	ND	5.0	ug/Kg	09/17/09		R/J	SW8260
Trichlorofluoromethane	ND	5.0	ug/Kg	09/17/09		R/J	SW8260
Trichlorotrifluoroethane	ND	5.0	ug/Kg	09/17/09		R/J	SW8260
Vinyl chloride	ND	5.0	ug/Kg	09/17/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	100		%	09/17/09		R/J	SW8260
% Bromofluorobenzene	89		%	09/17/09		R/J	SW8260
% Dibromofluoromethane	90		%	09/17/09		R/J	SW8260
% Toluene-d8	93		%	09/17/09		R/J	SW8260

Project ID:

Phoenix I.D.: AS24839

Client ID: SB091509 LOW LEVEL TRIP

Parameter	Result	RL	Units	Date	Time	By	Reference

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters.

Comments:

trip blank included

100% solid assumed

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

Phyllis Shiller, Laboratory Director

October 08, 2009

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

October 08, 2009

QA/QC Data

SDG I.D.: GAS24790

Parameter	Blank	Dup RPD	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch 136080, QC Sample No: AS24791 (AS24791, AS24793, AS24796, AS24797, AS24801)								
ICP Metals - Soil								
Arsenic	BDL	NC	102	89.7	12.8	90.0	103	13.5
Barium	BDL	125	109	100	8.6	NC	NC	NC
Cadmium	BDL	NC	97.3	95.0	2.4	93.4	106	12.6
Chromium	BDL	44.1	104	97.2	6.8	102	115	12.0
Lead	BDL	26.8	96.8	89.4	7.9	99.6	119	17.7
Selenium	BDL	NC	118	102	14.5	85.2	95.5	11.4
Silver	BDL	NC	98.2	92.2	6.3	95.3	106	10.6
QA/QC Batch 136120, QC Sample No: AS24801 (AS24791, AS24793, AS24796, AS24797, AS24801)								
Mercury	BDL	NC	103	104	1.0	117	103	12.7
QA/QC Batch 136082, QC Sample No: AS24805 (AS24790)								
ICP Metals - Aqueous								
Arsenic	BDL	NC	94.5	95.4	0.9	101	101	0.0
Barium	BDL	NC	99.2	98.4	0.8	101	99.9	1.1
Cadmium	BDL	NC	96.8	96.1	0.7	96.0	95.8	0.2
Chromium	BDL	NC	97.8	97.5	0.3	98.3	97.9	0.4
Lead	BDL	NC	98.8	98.3	0.5	99.8	99.4	0.4
Selenium	BDL	NC	88.8	89.7	1.0	98.0	98.1	0.1
Silver	BDL	NC	100	99.3	0.7	111	109	1.8
QA/QC Batch 136119, QC Sample No: AS25052 (AS24790)								
Mercury	BDL		86.4	85.1	1.5	99.2	98.3	0.9
QA/QC Batch 136781, QC Sample No: AS28269 (AS24797)								
ICP Metals - Soil								
Arsenic	BDL	NC	81.2	89.5	9.7	91.6	92.6	1.1
Barium	BDL	17.8	85.5	99.2	14.8	88.9	90.8	2.1
Cadmium	BDL	NC	87.4	96.9	10.3	95.1	95.4	0.3
Chromium	BDL	25.0	88.4	98.5	10.8	92.9	102	9.3
Lead	BDL	25.1	76.4	89.5	15.8	90.6	91.2	0.7
Selenium	BDL	NC	98.8	104	5.1	87.4	87.7	0.3
Silver	BDL	14.0	85.2	96.1	12.0	101	100	1.0
QA/QC Batch 137768, QC Sample No: AS32048 (AS24791, AS24793, AS24796, AS24797)								
Mercury	BDL	NC	95.7	94.6	1.2	95.7	94.0	1.8
QA/QC Batch 137769, QC Sample No: AS32319 (AS24801)								
Mercury	BDL	NC	98.8	97.7	1.1	96.8	94.6	2.3

QA/QC Data

SDG I.D.: GAS24790

Parameter	Blank	Dup RPD	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch 137764, QC Sample No: AS32719 (AS24791, AS24793, AS24796, AS24797, AS24801)								
ICP Metals - Aqueous Extraction								
Arsenic	BDL	NC	92.6	94.9	2.5	99.0	96.9	2.1
Barium	BDL	NC	103	105	1.9	104	102	1.9
Cadmium	BDL	NC	96.1	97.7	1.7	101	98.3	2.7
Chromium	BDL	NC	99.0	101	2.0	103	100	3.0
Lead	BDL	NC	98.5	99.7	1.2	102	99.3	2.7
Selenium	BDL	NC	97.0	98.5	1.5	101	97.8	3.2
Silver	BDL	NC	97.5	99.2	1.7	101	98.5	2.5

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

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

Phyllis Shiller, Laboratory Director
October 08, 2009

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

October 08, 2009

QA/QC Data

SDG I.D.: GAS24790

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch 135378, QC Sample No: AS20513 (AS24790)							
Total Petroleum Hydrocarbons							
Total Petroleum Hydrocarbons	ND	106	111	4.6			
Comment: A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.							
QA/QC Batch 136100, QC Sample No: AS23020 (AS24790)							
Chlorinated Herbicides							
2,4,5-T	ND	68	87	24.5			
2,4,5-TP (Silvex)	ND	75	91	19.3			
2,4-D	ND	59	81	31.4			
2,4-DB	ND	60	80	28.6			
Dalapon	ND	81	50	47.3			
Dicamba	ND	81	100	21.0			
Dichloroprop	ND	62	80	25.4			
Dinoseb	ND	38	56	38.3			
% DCAA (Surrogate Rec)	108	30	35	15.4			
Comment: A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.							
QA/QC Batch 135793, QC Sample No: AS23086 (AS24791, AS24793, AS24797, AS24801)							
Chlorinated Herbicides							
2,4,5-T	ND	52	52	0.0			
2,4,5-TP (Silvex)	ND	50	46	8.3			
2,4-D	ND	76	48	45.2			
2,4-DB	ND	57	56	1.8			
Dicamba	ND	80	74	7.8			
Dichloroprop	ND	64	50	24.6			
Dinoseb	ND	<30	<30	NC			
% DCAA (Surrogate Rec)	49	50	60	18.2			
Comment: An LCS/LCSD were prepped instead of an MS/MSD							
QA/QC Batch 135820, QC Sample No: AS24065 (AS24791, AS24793, AS24796)							
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	101	76	28.2	118	89	28.0
% n-Pentacosane	34	90	128	34.9	Interference	Interference	NC

QA/QC Data

SDG I.D.: GAS24790

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch 135972, QC Sample No: AS24372 (AS24791, AS24793, AS24796, AS24797, AS24801)							
Pesticides							
4,4' -DDD	ND	94	98	4.2	113	111	1.8
4,4' -DDE	ND	90	90	0.0	103	104	1.0
4,4' -DDT	ND	102	98	4.0	84	93	10.2
a-BHC	ND	90	88	2.2	100	101	1.0
a-Chlordane	ND	93	92	1.1	104	107	2.8
Alachlor	ND	N/A	N/A	NC	N/A	N/A	NC
Aldrin	ND	95	93	2.1	102	105	2.9
b-BHC	ND	81	80	1.2	96	99	3.1
Chlordane	ND	N/A	N/A	NC	N/A	N/A	NC
d-BHC	ND	83	83	0.0	98	102	4.0
Dieldrin	ND	94	93	1.1	106	107	0.9
Endosulfan I	ND	89	87	2.3	104	104	0.0
Endosulfan II	ND	79	83	4.9	111	111	0.0
Endosulfan sulfate	ND	85	87	2.3	102	105	2.9
Endrin	ND	76	77	1.3	97	93	4.2
Endrin aldehyde	ND	107	96	10.8	96	104	8.0
Endrin ketone	ND	92	93	1.1	106	109	2.8
g-BHC	ND	90	88	2.2	102	102	0.0
g-Chlordane	ND	92	90	2.2	102	104	1.9
Heptachlor	ND	91	90	1.1	96	96	0.0
Heptachlor epoxide	ND	93	91	2.2	103	104	1.0
Methoxychlor	ND	82	83	1.2	79	83	4.9
Toxaphene	ND	N/A	N/A	NC	N/A	N/A	NC
% DCBP	81	83	84	1.2	104	93	11.2
% TCMX	80	82	79	3.7	92	91	1.1
QA/QC Batch 135984, QC Sample No: AS24569 (AS24797, AS24801)							
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	68	65	4.5	38	57	40.0
% n-Pentacosane	64	81	74	9.0	42	68	47.3
QA/QC Batch 136276, QC Sample No: AS24612 (as24790)							
Volatiles							
1,1,1,2-Tetrachloroethane	ND	107	98	8.8	110	101	8.5
1,1,1-Trichloroethane	ND	108	97	10.7	115	100	14.0
1,1,2,2-Tetrachloroethane	ND	88	86	2.3	91	92	1.1
1,1,2-Trichloroethane	ND	101	90	11.5	102	98	4.0
1,1-Dichloroethane	ND	100	92	8.3	102	94	8.2
1,1-Dichloroethene	ND	91	82	10.4	101	95	6.1
1,1-Dichloropropene	ND	103	94	9.1	113	95	17.3
1,2,3-Trichlorobenzene	ND	>130	>130	NC	79	126	45.9
1,2,3-Trichloropropane	ND	112	114	1.8	111	105	5.6
1,2,4-Trichlorobenzene	ND	123	116	5.9	91	112	20.7
1,2,4-Trimethylbenzene	ND	108	99	8.7	108	101	6.7
1,2-Dibromo-3-chloropropane	ND	86	96	11.0	84	92	9.1
1,2-Dichlorobenzene	ND	102	93	9.2	97	97	0.0
1,2-Dichloroethane	ND	108	102	5.7	117	108	8.0

QA/QC Data

SDG I.D.: GAS24790

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
1,2-Dichloropropane	ND	102	93	9.2	103	92	11.3
1,3,5-Trimethylbenzene	ND	105	95	10.0	106	98	7.8
1,3-Dichlorobenzene	ND	103	95	8.1	101	96	5.1
1,3-Dichloropropane	ND	100	97	3.0	101	97	4.0
1,4-Dichlorobenzene	ND	100	94	6.2	98	97	1.0
2,2-Dichloropropane	ND	102	96	6.1	68	73	7.1
2-Chlorotoluene	ND	104	91	13.3	103	96	7.0
2-Hexanone	ND	92	93	1.1	86	87	1.2
2-Isopropyltoluene	ND	106	97	8.9	108	98	9.7
4-Chlorotoluene	ND	103	95	8.1	100	95	5.1
4-Methyl-2-pentanone	ND	100	92	8.3	101	96	5.1
Acetone	ND	91	90	1.1	106	105	0.9
Acrylonitrile	ND	94	104	10.1	97	97	0.0
Benzene	ND	112	92	19.6	115	102	12.0
Bromobenzene	ND	98	91	7.4	94	96	2.1
Bromochloromethane	ND	98	94	4.2	104	98	5.9
Bromodichloromethane	ND	112	103	8.4	117	105	10.8
Bromoform	ND	101	97	4.0	112	101	10.3
Bromomethane	ND	99	90	9.5	99	103	4.0
Carbon Disulfide	ND	86	74	15.0	90	90	0.0
Carbon tetrachloride	ND	118	102	14.5	131	110	17.4
Chlorobenzene	ND	104	96	8.0	103	95	8.1
Chloroethane	ND	98	85	14.2	93	97	4.2
Chloroform	ND	108	98	9.7	110	101	8.5
Chloromethane	ND	90	78	14.3	87	89	2.3
cis-1,2-Dichloroethene	ND	100	94	6.2	103	97	6.0
cis-1,3-Dichloropropene	ND	105	103	1.9	97	96	1.0
Dibromochloromethane	ND	105	101	3.9	111	100	10.4
Dibromoethane	ND	103	95	8.1	107	104	2.8
Dibromomethane	ND	99	93	6.3	109	102	6.6
Dichlorodifluoromethane	ND	77	<70	NC	110	97	12.6
Ethylbenzene	ND	103	95	8.1	107	96	10.8
Hexachlorobutadiene	ND	102	98	4.0	96	93	3.2
Isopropylbenzene	ND	99	90	9.5	104	95	9.0
m&p-Xylene	ND	104	96	8.0	109	98	10.6
Methyl ethyl ketone	ND	90	88	2.2	84	85	1.2
Methyl t-butyl ether (MTBE)	ND	109	103	5.7	106	108	1.9
Methylene chloride	ND	87	83	4.7	90	86	4.5
Naphthalene	ND	104	103	1.0	68	100	38.1
n-Butylbenzene	ND	112	102	9.3	108	100	7.7
n-Propylbenzene	ND	105	94	11.1	106	94	12.0
o-Xylene	ND	110	102	7.5	112	102	9.3
p-Isopropyltoluene	ND	111	100	10.4	110	99	10.5
sec-Butylbenzene	ND	108	98	9.7	110	97	12.6
Styrene	ND	108	100	7.7	112	101	10.3
tert-Butylbenzene	ND	108	96	11.8	108	98	9.7
Tetrachloroethene	ND	98	90	8.5	104	91	13.3
Tetrahydrofuran (THF)	ND	90	90	0.0	90	81	10.5
Toluene	ND	99	88	11.8	104	91	13.3

QA/QC Data

SDG I.D.: GAS24790

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
trans-1,2-Dichloroethene	ND	96	86	11.0	99	93	6.3
trans-1,3-Dichloropropene	ND	109	102	6.6	107	101	5.8
trans-1,4-dichloro-2-butene	ND	100	100	0.0	86	97	12.0
Trichloroethene	ND	99	90	9.5	103	94	9.1
Trichlorofluoromethane	ND	118	103	13.6	119	105	12.5
Trichlorotrifluoroethane	ND	107	98	8.8	110	95	14.6
Vinyl chloride	ND	96	83	14.5	90	94	4.3
% 1,2-dichlorobenzene-d4	106	99	99	0.0	101	101	0.0
% Bromofluorobenzene	92	104	105	1.0	109	108	0.9
% Dibromofluoromethane	102	98	99	1.0	101	100	1.0
% Toluene-d8	100	101	99	2.0	101	98	3.0

Comment:

A blank MS/MSD was analyzed with this batch.

QA/QC Batch 136094, QC Sample No: AS24790 (AS24790)

Pesticides

4,4' -DDD	ND	106	100	5.8
4,4' -DDE	ND	99	90	9.5
4,4' -DDT	ND	62	59	5.0
a-BHC	ND	92	91	1.1
a-Chlordane	ND	93	86	7.8
Alachlor	ND	N/A	N/A	NC
Aldrin	ND	97	94	3.1
b-BHC	ND	95	97	2.1
Chlordane	ND	N/A	N/A	NC
d-BHC	ND	107	108	0.9
Dieldrin	ND	93	86	7.8
Endosulfan I	ND	89	85	4.6
Endosulfan II	ND	90	90	0.0
Endosulfan sulfate	ND	95	91	4.3
Endrin	ND	91	86	5.6
Endrin aldehyde	ND	53	56	5.5
Endrin ketone	ND	91	92	1.1
g-BHC	ND	103	101	2.0
g-Chlordane	ND	90	84	6.9
Heptachlor	ND	98	88	10.8
Heptachlor epoxide	ND	89	86	3.4
Methoxychlor	ND	94	87	7.7
Toxaphene	ND	N/A	N/A	NC
% DCBP	69	73	68	7.1
% TCMX	69	75	73	2.7

Comment:

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

QA/QC Batch 136096, QC Sample No: AS24790 (AS24790)

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	62	64	3.2
1,2,4-Trichlorobenzene	ND	56	63	11.8
1,2-Dichlorobenzene	ND	63	72	13.3
1,3-Dichlorobenzene	ND	62	72	14.9

QA/QC Data

SDG I.D.: GAS24790

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
1,4-Dichlorobenzene	ND	62	74	17.6			
2,4,5-Trichlorophenol	ND	62	73	16.3			
2,4,6-Trichlorophenol	ND	61	67	9.4			
2,4-Dichlorophenol	ND	57	59	3.4			
2,4-Dimethylphenol	ND	<30	32	NC			
2,4-Dinitrophenol	ND	<30	<30	NC			
2,4-Dinitrotoluene	ND	73	79	7.9			
2,6-Dinitrotoluene	ND	<30	>130	NC			
2-Chloronaphthalene	ND	68	72	5.7			
2-Chlorophenol	ND	54	54	0.0			
2-Methylnaphthalene	ND	63	68	7.6			
2-Methylphenol (o-cresol)	ND	58	65	11.4			
2-Nitroaniline	ND	92	102	10.3			
2-Nitrophenol	ND	84	85	1.2			
3&4-Methylphenol (m&p-cresol)	ND	64	66	3.1			
3,3'-Dichlorobenzidine	ND	N/A	N/A	NC			
3-Nitroaniline	ND	86	96	11.0			
4,6-Dinitro-2-methylphenol	ND	68	78	13.7			
4-Bromophenyl phenyl ether	ND	67	77	13.9			
4-Chloro-3-methylphenol	ND	71	80	11.9			
4-Chloroaniline	ND	43	74	53.0			
4-Chlorophenyl phenyl ether	ND	68	77	12.4			
4-Nitroaniline	ND	70	75	6.9			
4-Nitrophenol	ND	63	67	6.2			
Acenaphthene	ND	67	71	5.8			
Acenaphthylene	ND	68	73	7.1			
Acetophenone	ND	69	79	13.5			
Aniline	ND	N/A	N/A	NC			
Anthracene	ND	76	80	5.1			
Azobenzene	ND	103	115	11.0			
Benz(a)anthracene	ND	87	96	9.8			
Benzidine	ND	N/A	N/A	NC			
Benzo(a)pyrene	ND	69	80	14.8			
Benzo(b)fluoranthene	ND	78	88	12.0			
Benzo(ghi)perylene	ND	85	97	13.2			
Benzo(k)fluoranthene	ND	61	70	13.7			
Benzoic acid	ND	N/A	N/A	NC			
Benzyl butyl phthalate	ND	83	98	16.6			
Bis(2-chloroethoxy)methane	ND	55	60	8.7			
Bis(2-chloroethyl)ether	ND	66	82	21.6			
Bis(2-chloroisopropyl)ether	ND	90	100	10.5			
Bis(2-ethylhexyl)phthalate	ND	92	106	14.1			
Carbazole	ND	116	123	5.9			
Chrysene	ND	85	96	12.2			
Dibenz(a,h)anthracene	ND	85	96	12.2			
Dibenzofuran	ND	74	77	4.0			
Diethyl phthalate	ND	83	94	12.4			
Dimethylphthalate	ND	81	86	6.0			
Di-n-butylphthalate	ND	108	117	8.0			

QA/QC Data

SDG I.D.: GAS24790

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
Di-n-octylphthalate	ND	83	94	12.4			
Fluoranthene	ND	80	82	2.5			
Fluorene	ND	82	88	7.1			
Hexachlorobenzene	ND	95	96	1.0			
Hexachlorobutadiene	ND	61	71	15.2			
Hexachlorocyclopentadiene	ND	<30	<30	NC			
Hexachloroethane	ND	75	85	12.5			
Indeno(1,2,3-cd)pyrene	ND	84	94	11.2			
Isophorone	ND	77	84	8.7			
Naphthalene	ND	60	64	6.5			
Nitrobenzene	ND	81	97	18.0			
N-Nitrosodimethylamine	ND	52	67	25.2			
N-Nitrosodi-n-propylamine	ND	73	88	18.6			
N-Nitrosodiphenylamine	ND	87	93	6.7			
Pentachloronitrobenzene	ND	91	103	12.4			
Pentachlorophenol	ND	36	44	20.0			
Phenanthrene	ND	74	76	2.7			
Phenol	ND	60	70	15.4			
Pyrene	ND	80	82	2.5			
Pyridine	ND	<30	<30	NC			
% 2,4,6-Tribromophenol	96	108	104	3.8			
% 2-Fluorobiphenyl	64	60	68	12.5			
% 2-Fluorophenol	76	61	69	12.3			
% Nitrobenzene-d5	74	84	98	15.4			
% Phenol-d5	66	58	67	14.4			
% Terphenyl-d14	77	67	69	2.9			

Comment:

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

QA/QC Batch 136176, QC Sample No: AS24791 (AS24790, AS24791, AS24793, AS24796, AS24797, AS24801)

Polychlorinated Biphenyls

PCB-1016	ND	103	96	7.0			
PCB-1221	ND						
PCB-1232	ND						
PCB-1242	ND						
PCB-1248	ND						
PCB-1254	ND						
PCB-1260	ND	91	86	5.6			
PCB-1262	ND						
PCB-1268	ND						
% DCBP (Surrogate Rec)	102	95	89	6.5			
% TCMX (Surrogate Rec)	90	80	76	5.1			

Comment:

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

QA/QC Batch 136422, QC Sample No: AS24792 (AS24796)

Chlorinated Herbicides

2,4,5-T	ND	51	60	16.2			
2,4,5-TP (Silvex)	ND	62	70	12.1			
2,4-D	ND	50	73	37.4			

QA/QC Data

SDG I.D.: GAS24790

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD	
2,4-DB	ND	54	67	21.5				
Dicamba	ND	66	63	4.7				
Dichloroprop	ND	67	79	16.4				
Dinoseb	ND	40	38	5.1				
% DCAA (Surrogate Rec)	61	64	57	11.6				

Comment:

An lcs/lcsd was prepped instead of ms/msd (limited sample)

QA/QC Batch 136208, QC Sample No: AS24792 (AS24791, AS24793, AS24796, AS24797, AS24801, AS24839)

Volatiles

1,1,1,2-Tetrachloroethane	ND	88	91	3.4	83	76	8.8	
1,1,1-Trichloroethane	ND	84	85	1.2	82	77	6.3	
1,1,2,2-Tetrachloroethane	ND	83	83	0.0	77	69	11.0	3
1,1,2-Trichloroethane	ND	82	85	3.6	74	69	7.0	3
1,1-Dichloroethane	ND	81	88	8.3	80	78	2.5	
1,1-Dichloroethene	ND	82	88	7.1	91	92	1.1	
1,1-Dichloropropene	ND	78	83	6.2	82	78	5.0	
1,2,3-Trichlorobenzene	ND	94	92	2.2	58	51	12.8	3
1,2,3-Trichloropropane	ND	71	<70	NC	50	47	6.2	3
1,2,4-Trichlorobenzene	ND	89	85	4.6	62	53	15.7	3
1,2,4-Trimethylbenzene	ND	90	91	1.1	84	74	12.7	
1,2-Dibromo-3-chloropropane	ND	84	88	4.7	65	65	0.0	3
1,2-Dichlorobenzene	ND	94	97	3.1	79	70	12.1	
1,2-Dichloroethane	ND	76	76	0.0	68	64	6.1	3
1,2-Dichloropropane	ND	80	82	2.5	74	70	5.6	
1,3,5-Trimethylbenzene	ND	89	90	1.1	86	75	13.7	
1,3-Dichlorobenzene	ND	92	94	2.2	80	72	10.5	
1,3-Dichloropropane	ND	84	90	6.9	77	74	4.0	
1,4-Dichlorobenzene	ND	92	93	1.1	79	71	10.7	
2,2-Dichloropropane	ND	80	82	2.5	71	70	1.4	
2-Chlorotoluene	ND	93	93	0.0	89	77	14.5	
2-Hexanone	ND	<70	<70	NC	<30	<30	NC	
2-Isopropyltoluene	ND	92	94	2.2	85	75	12.5	
4-Chlorotoluene	ND	94	94	0.0	85	75	12.5	
4-Methyl-2-pentanone	ND	<70	<70	NC	48	49	2.1	
Acetone	ND	<70	<70	NC	37	31	17.6	
Acrylonitrile	ND	<70	<70	NC	<30	<30	NC	
Benzene	ND	80	86	7.2	79	76	3.9	
Bromobenzene	ND	96	95	1.0	87	76	13.5	
Bromochloromethane	ND	84	86	2.4	77	74	4.0	
Bromodichloromethane	ND	82	87	5.9	73	69	5.6	3
Bromoform	ND	75	77	2.6	61	58	5.0	3
Bromomethane	ND	79	84	6.1	74	71	4.1	
Carbon Disulfide	ND	76	81	6.4	82	81	1.2	
Carbon tetrachloride	ND	78	84	7.4	68	76	11.1	
Chlorobenzene	ND	82	85	3.6	75	72	4.1	
Chloroethane	ND	74	80	7.8	79	75	5.2	
Chloroform	ND	83	86	3.6	79	76	3.9	
Chloromethane	ND	<70	<70	NC	64	58	9.8	3

QA/QC Data

SDG I.D.: GAS24790

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD	
cis-1,2-Dichloroethene	ND	85	87	2.3	81	79	2.5	
cis-1,3-Dichloropropene	ND	79	80	1.3	67	62	7.8	3
Dibromochloromethane	ND	82	87	5.9	74	70	5.6	
Dibromoethane	ND	80	78	2.5	67	64	4.6	
Dibromomethane	ND	78	77	1.3	70	65	7.4	3
Dichlorodifluoromethane	ND	<70	<70	NC	78	71	9.4	
Ethylbenzene	ND	88	91	3.4	84	80	4.9	
Hexachlorobutadiene	ND	86	83	3.6	61	52	15.9	3
Isopropylbenzene	ND	89	90	1.1	95	83	13.5	
m&p-Xylene	ND	87	90	3.4	84	79	6.1	
Methyl ethyl ketone	ND	<70	<70	NC	34	31	9.2	
Methyl t-butyl ether (MTBE)	ND	88	90	2.2	78	75	3.9	
Methylene chloride	ND	85	88	3.5	79	77	2.6	
Naphthalene	ND	90	88	2.2	60	54	10.5	3
n-Butylbenzene	ND	87	88	1.1	76	68	11.1	3
n-Propylbenzene	ND	92	93	1.1	89	79	11.9	
o-Xylene	ND	88	91	3.4	84	78	7.4	
p-Isopropyltoluene	ND	91	92	1.1	83	74	11.5	
sec-Butylbenzene	ND	90	90	0.0	85	75	12.5	
Styrene	ND	87	89	2.3	74	70	5.6	
tert-Butylbenzene	ND	93	94	1.1	90	79	13.0	
Tetrachloroethene	ND	87	92	5.6	90	87	3.4	
Tetrahydrofuran (THF)	ND	<70	<70	NC	52	49	5.9	
Toluene	ND	82	83	1.2	80	77	3.8	
trans-1,2-Dichloroethene	ND	87	93	6.7	89	90	1.1	
trans-1,3-Dichloropropene	ND	76	77	1.3	62	58	6.7	3
trans-1,4-dichloro-2-butene	ND	71	<70	NC	50	47	6.2	
Trichloroethene	ND	86	88	2.3	85	82	3.6	
Trichlorofluoromethane	ND	89	97	8.6	87	88	1.1	
Trichlorotrifluoroethane	ND	89	97	8.6	92	94	2.2	
Vinyl chloride	ND	76	76	0.0	78	73	6.6	
% 1,2-dichlorobenzene-d4	101	101	100	1.0	99	101	2.0	
% Bromofluorobenzene	91	94	94	0.0	91	92	1.1	
% Dibromofluoromethane	88	98	95	3.1	91	92	1.1	
% Toluene-d8	94	95	95	0.0	93	93	0.0	

QA/QC Batch 136073, QC Sample No: AS24793 (AS24791, AS24793, AS24796, AS24797, AS24801)

Polychlorinated Biphenyls

PCB-1016	ND	88	96	8.7	97	101	4.0	
PCB-1221	ND							
PCB-1232	ND							
PCB-1242	ND							
PCB-1248	ND							
PCB-1254	ND							
PCB-1260	ND	86	93	7.8	90	91	1.1	
PCB-1262	ND							
PCB-1268	ND							
% DCBP (Surrogate Rec)	75	71	76	6.8	77	81	5.1	
% TCMX (Surrogate Rec)	75	66	70	5.9	73	75	2.7	

QA/QC Data

SDG I.D.: GAS24790

QA/QC Batch 136075, QC Sample No: AS24793 (AS24791, AS24793, AS24796, AS24797, AS24801)

Semivolatiles

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
1,2,4,5-Tetrachlorobenzene	ND	69	60	14.0	78	81	3.8
1,2,4-Trichlorobenzene	ND	63	61	3.2	72	76	5.4
1,2-Dichlorobenzene	ND	67	62	7.8	80	78	2.5
1,3-Dichlorobenzene	ND	69	65	6.0	75	73	2.7
1,4-Dichlorobenzene	ND	70	64	9.0	77	72	6.7
2,4,5-Trichlorophenol	ND	72	70	2.8	92	92	0.0
2,4,6-Trichlorophenol	ND	71	70	1.4	93	90	3.3
2,4-Dichlorophenol	ND	68	69	1.5	82	83	1.2
2,4-Dimethylphenol	ND	45	44	2.2	46	43	6.7
2,4-Dinitrophenol	ND	<30	<30	NC	NC	NC	NC
2,4-Dinitrotoluene	ND	79	72	9.3	89	80	10.7
2,6-Dinitrotoluene	ND	72	69	4.3	89	81	9.4
2-Chloronaphthalene	ND	74	71	4.1	89	89	0.0
2-Chlorophenol	ND	70	64	9.0	76	78	2.6
2-Methylnaphthalene	ND	73	68	7.1	80	82	2.5
2-Methylphenol (o-cresol)	ND	70	64	9.0	77	74	4.0
2-Nitroaniline	ND	>130	>130	NC	NC	NC	NC
2-Nitrophenol	ND	74	73	1.4	80	87	8.4
3&4-Methylphenol (m&p-cresol)	ND	77	64	18.4	78	73	6.6
3,3'-Dichlorobenzidine	ND	N/A	N/A	NC	N/A	N/A	NC
3-Nitroaniline	ND	>130	>130	NC	NC	NC	NC
4,6-Dinitro-2-methylphenol	ND	<30	35	NC	66	58	12.9
4-Bromophenyl phenyl ether	ND	83	74	11.5	91	93	2.2
4-Chloro-3-methylphenol	ND	78	67	15.2	84	84	0.0
4-Chloroaniline	ND	>130	>130	NC	NC	NC	NC
4-Chlorophenyl phenyl ether	ND	80	75	6.5	92	91	1.1
4-Nitroaniline	ND	95	89	6.5	105	94	11.1
4-Nitrophenol	ND	91	82	10.4	107	110	2.8
Acenaphthene	ND	74	70	5.6	89	82	8.2
Acenaphthylene	ND	76	71	6.8	89	85	4.6
Acetophenone	ND	77	69	11.0	82	82	0.0
Aniline	ND	N/A	N/A	NC	N/A	N/A	NC
Anthracene	ND	88	77	13.3	91	100	9.4
Azobenzene	ND	82	75	8.9	92	85	7.9
Benz(a)anthracene	ND	80	76	5.1	92	97	5.3
Benzidine	ND	N/A	N/A	NC	N/A	N/A	NC
Benzo(a)pyrene	ND	82	76	7.6	97	94	3.1
Benzo(b)fluoranthene	ND	79	71	10.7	96	102	6.1
Benzo(ghi)perylene	ND	83	76	8.8	83	83	0.0
Benzo(k)fluoranthene	ND	84	76	10.0	105	100	4.9
Benzoic acid	ND	N/A	N/A	NC	N/A	N/A	NC
Benzyl butyl phthalate	ND	80	73	9.2	79	NC	NC
Bis(2-chloroethoxy)methane	ND	70	71	1.4	82	84	2.4
Bis(2-chloroethyl)ether	ND	76	69	9.7	78	80	2.5
Bis(2-chloroisopropyl)ether	ND	75	67	11.3	84	82	2.4
Bis(2-ethylhexyl)phthalate	ND	78	75	3.9	85	92	7.9

QA/QC Data

SDG I.D.: GAS24790

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD	
Carbazole	ND	128	124	3.2	NC	NC	NC	
Chrysene	ND	82	77	6.3	94	96	2.1	
Dibenz(a,h)anthracene	ND	81	77	5.1	86	86	0.0	
Dibenzofuran	ND	78	72	8.0	91	86	5.6	
Diethyl phthalate	ND	87	79	9.6	98	91	7.4	
Dimethylphthalate	ND	83	76	8.8	84	92	9.1	
Di-n-butylphthalate	ND	90	79	13.0	85	100	16.2	
Di-n-octylphthalate	ND	83	77	7.5	81	94	14.9	
Fluoranthene	ND	80	77	3.8	96	102	6.1	
Fluorene	ND	78	77	1.3	91	94	3.2	
Hexachlorobenzene	ND	88	76	14.6	93	90	3.3	
Hexachlorobutadiene	ND	64	61	4.8	65	68	4.5	
Hexachlorocyclopentadiene	ND	71	70	1.4	31	34	9.2	
Hexachloroethane	ND	75	66	12.8	69	72	4.3	
Indeno(1,2,3-cd)pyrene	ND	82	76	7.6	86	84	2.4	
Isophorone	ND	76	67	12.6	81	83	2.4	
Naphthalene	ND	75	67	11.3	79	83	4.9	
Nitrobenzene	ND	78	70	10.8	86	83	3.6	
N-Nitrosodimethylamine	ND	67	58	14.4	72	67	7.2	
N-Nitrosodi-n-propylamine	ND	75	71	5.5	85	82	3.6	
N-Nitrosodiphenylamine	ND	112	104	7.4	124	121	2.4	
Pentachloronitrobenzene	ND	92	81	12.7	97	96	1.0	
Pentachlorophenol	ND	37	42	12.7	100	108	7.7	
Phenanthrene	ND	84	72	15.4	91	94	3.2	
Phenol	ND	75	69	8.3	78	76	2.6	
Pyrene	ND	84	76	10.0	98	105	6.9	
Pyridine	ND	69	58	17.3	62	40	43.1	
% 2,4,6-Tribromophenol	97	101	88	13.8	100	105	4.9	
% 2-Fluorobiphenyl	71	64	62	3.2	81	78	3.8	
% 2-Fluorophenol	81	71	67	5.8	83	78	6.2	
% Nitrobenzene-d5	82	75	68	9.8	80	75	6.5	
% Phenol-d5	83	71	70	1.4	84	77	8.7	
% Terphenyl-d14	69	71	65	8.8	78	83	6.2	
QA/QC Batch 136270, QC Sample No: AS25246 (AS24791)								
Volatiles								
1,1,1,2-Tetrachloroethane	ND	88	87	1.1	89	87	2.3	
1,1,1-Trichloroethane	ND	85	81	4.8	90	88	2.2	
1,1,2,2-Tetrachloroethane	ND	89	89	0.0	88	86	2.3	
1,1,2-Trichloroethane	ND	81	87	7.1	85	83	2.4	
1,1-Dichloroethane	ND	97	84	14.4	89	99	10.6	
1,1-Dichloroethene	ND	76	74	2.7	94	93	1.1	
1,1-Dichloropropene	ND	80	81	1.2	92	90	2.2	
1,2,3-Trichlorobenzene	ND	104	103	1.0	92	90	2.2	
1,2,3-Trichloropropane	ND	78	78	0.0	68	66	3.0	3
1,2,4-Trichlorobenzene	ND	102	101	1.0	94	91	3.2	
1,2,4-Trimethylbenzene	ND	97	95	2.1	97	92	5.3	
1,2-Dibromo-3-chloropropane	ND	85	87	2.3	78	79	1.3	
1,2-Dichlorobenzene	ND	99	96	3.1	94	91	3.2	

QA/QC Data

SDG I.D.: GAS24790

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
1,2-Dichloroethane	ND	81	85	4.8	85	84	1.2
1,2-Dichloropropane	ND	91	94	3.2	97	94	3.1
1,3,5-Trimethylbenzene	ND	94	93	1.1	98	91	7.4
1,3-Dichlorobenzene	ND	101	98	3.0	96	94	2.1
1,3-Dichloropropane	ND	95	91	4.3	90	91	1.1
1,4-Dichlorobenzene	ND	99	96	3.1	94	91	3.2
2,2-Dichloropropane	ND	85	82	3.6	84	81	3.6
2-Chlorotoluene	ND	94	94	0.0	96	90	6.5
2-Hexanone	ND	102	109	6.6	72	63	13.3
2-Isopropyltoluene	ND	96	94	2.1	97	93	4.2
4-Chlorotoluene	ND	97	97	0.0	96	90	6.5
4-Methyl-2-pentanone	ND	91	104	13.3	85	81	4.8
Acetone	ND	82	102	21.7	71	51	32.8
Acrylonitrile	ND	<70	<70	NC	<30	<30	NC
Benzene	ND	84	85	1.2	92	91	1.1
Bromobenzene	ND	96	95	1.0	97	92	5.3
Bromochloromethane	ND	80	81	1.2	84	81	3.6
Bromodichloromethane	ND	84	86	2.4	84	81	3.6
Bromoform	ND	74	75	1.3	71	70	1.4
Bromomethane	ND	72	74	2.7	95	93	2.1
Carbon Disulfide	ND	72	<70	NC	93	94	1.1
Carbon tetrachloride	ND	78	<70	NC	85	84	1.2
Chlorobenzene	ND	85	83	2.4	85	84	1.2
Chloroethane	ND	79	75	5.2	91	91	0.0
Chloroform	ND	86	84	2.4	87	87	0.0
Chloromethane	ND	83	93	11.4	112	98	13.3
cis-1,2-Dichloroethene	ND	87	84	3.5	87	90	3.4
cis-1,3-Dichloropropene	ND	81	85	4.8	85	81	4.8
Dibromochloromethane	ND	82	80	2.5	80	80	0.0
Dibromoethane	ND	75	83	10.1	82	73	11.6
Dibromomethane	ND	76	81	6.4	82	78	5.0
Dichlorodifluoromethane	ND	<70	<70	NC	99	84	16.4
Ethylbenzene	ND	91	88	3.4	96	93	3.2
Hexachlorobutadiene	ND	98	100	2.0	96	93	3.2
Isopropylbenzene	ND	91	91	0.0	101	94	7.2
m&p-Xylene	ND	91	91	0.0	95	93	2.1
Methyl ethyl ketone	ND	82	101	20.8	68	56	19.4
Methyl t-butyl ether (MTBE)	ND	83	86	3.6	79	94	17.3
Methylene chloride	ND	80	77	3.8	80	79	1.3
Naphthalene	ND	89	90	1.1	83	81	2.4
n-Butylbenzene	ND	98	96	2.1	96	93	3.2
n-Propylbenzene	ND	95	94	1.1	98	92	6.3
o-Xylene	ND	90	91	1.1	95	91	4.3
p-Isopropyltoluene	ND	97	94	3.1	95	92	3.2
sec-Butylbenzene	ND	94	94	0.0	98	93	5.2
Styrene	ND	89	90	1.1	50	34	38.1
tert-Butylbenzene	ND	95	95	0.0	99	94	5.2
Tetrachloroethene	ND	98	92	6.3	119	109	8.8
Tetrahydrofuran (THF)	ND	80	94	16.1	85	76	11.2

3

QA/QC Data

SDG I.D.: GAS24790

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
Toluene	ND	84	87	3.5	93	91	2.2
trans-1,2-Dichloroethene	ND	84	80	4.9	92	94	2.2
trans-1,3-Dichloropropene	ND	74	82	10.3	79	74	6.5
trans-1,4-dichloro-2-butene	ND	78	78	0.0	68	66	3.0
Trichloroethene	ND	82	84	2.4	91	89	2.2
Trichlorofluoromethane	ND	89	84	5.8	93	94	1.1
Trichlorotrifluoroethane	ND	87	80	8.4	91	91	0.0
Vinyl chloride	ND	74	79	6.5	97	89	8.6
% 1,2-dichlorobenzene-d4	100	102	101	1.0	100	101	1.0
% Bromofluorobenzene	97	96	98	2.1	97	98	1.0
% Dibromofluoromethane	95	96	97	1.0	95	95	0.0
% Toluene-d8	96	94	98	4.2	98	97	1.0

3 = This parameter is outside laboratory ms/msd specified limits.

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

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

Phyllis Shiller, Laboratory Director
October 08, 2009

Thursday, October 08, 2009

Requested Criteria: GAM, GWP

Sample Criteria Exceedences Report

GAS24790

SampNo	LocCode	Acode	Phoenix Analyte	Criteria Units	ST	State Category	Criteria Name	Result	RL	Factored Criteria	Factored RL Criteria	Analysis Units
AS24790	TRC	$8260GWR	Acrylonitrile	µg/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	5.0	0.5	0.5	ug/L
AS24790	TRC	$8260GWR	Dibromoethane	µg/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	1.0	0.05	0.05	ug/L
AS24790	TRC	$8270-SIMFSR	Pyridine	µg/L	CT	Semivolatile Organic Comp	GWPC (µg/L)	ND	10	0.7	0.7	ug/L
AS24790	TRC	$8270-SIMFSR	Aniline	µg/L	CT	Semivolatile Organic Comp	GWPC (µg/L)	ND	50	6	6	ug/L
AS24790	TRC	$8270-SIMFSR	4-Nitroaniline	µg/L	CT	Semivolatile Organic Comp	GWPC (µg/L)	ND	50	21	21	ug/L
AS24790	TRC	$8270-SIMFSR	Carbazole	µg/L	CT	Pesticides, Pcb's, Tph, A	GWPC (µg/L)	ND	50	10	10	ug/L
AS24790	TRC	$8270-SIMFSR	3,3'-Dichlorobenzidine	µg/L	CT	Semivolatile Organic Comp	GWPC (µg/L)	ND	20	10	10	ug/L
AS24791	TRC	$8260MAR	Acrylonitrile	mg/kg	CT	Volatile Organic Compound	GA/GAA PMC (mg/kg)	ND	27	10	10	ug/Kg
AS24791	TRC	$8260MAR	Benzene	mg/kg	CT	Volatile Organic Compound	GA/GAA PMC (mg/kg)	ND	27	20	20	ug/Kg
AS24791	TRC	$8260MAR	1,2-Dichloroethane	mg/kg	CT	Volatile Organic Compound	GA/GAA PMC (mg/kg)	ND	27	20	20	ug/Kg
AS24791	TRC	$8260MAR	Bromodichloromethane	mg/kg	CT	Volatile Organic Compound	GA/GAA PMC (mg/kg)	ND	27	11	11	ug/Kg
AS24791	TRC	$8260MAR	Dibromoethane	mg/kg	CT	Volatile Organic Compound	GA/GAA PMC (mg/kg)	ND	27	10	10	ug/Kg
AS24791	TRC	$8260MAR	Dibromochloromethane	mg/kg	CT	Volatile Organic Compound	GA/GAA PMC (mg/kg)	ND	27	10	10	ug/Kg
AS24791	TRC	$8260MAR	1,1,1,2-Tetrachloroethane	mg/kg	CT	Volatile Organic Compound	GA/GAA PMC (mg/kg)	ND	27	20	20	ug/Kg
AS24791	TRC	$8260MAR	1,1,2,2-Tetrachloroethane	mg/kg	CT	Volatile Organic Compound	GA/GAA PMC (mg/kg)	ND	27	10	10	ug/Kg
AS24791	TRC	SPLP-PB	SPLP Lead	mg/l	CT	Inorganic Substances	GA/GAA PMC (mg/l)**	0.017	0.015	0.015	0.015	mg/L
AS24791	TRC	SPLP-PB	SPLP Lead	µg/L	CT	Inorganic Substances	GWPC (µg/L)	0.017	0.015	0.015	0.015	mg/L
AS24794	TRC	$8260GWR	Acrylonitrile	µg/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	5.0	0.5	0.5	ug/L
AS24794	TRC	$8260GWR	Dibromoethane	µg/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	1.0	0.05	0.05	ug/L
AS24794	TRC	$8270-SIMFSR	Pyridine	µg/L	CT	Semivolatile Organic Comp	GWPC (µg/L)	ND	10	0.7	0.7	ug/L
AS24794	TRC	$8270-SIMFSR	Aniline	µg/L	CT	Semivolatile Organic Comp	GWPC (µg/L)	ND	50	6	6	ug/L
AS24794	TRC	$8270-SIMFSR	4-Nitroaniline	µg/L	CT	Semivolatile Organic Comp	GWPC (µg/L)	ND	50	21	21	ug/L
AS24794	TRC	$8270-SIMFSR	Carbazole	µg/L	CT	Pesticides, Pcb's, Tph, A	GWPC (µg/L)	ND	50	10	10	ug/L
AS24794	TRC	$8270-SIMFSR	3,3'-Dichlorobenzidine	µg/L	CT	Semivolatile Organic Comp	GWPC (µg/L)	ND	20	10	10	ug/L
AS24794	TRC	$8270-SIMR	Benz(a)anthracene	µg/L	CT	Semivolatile Organic Comp	GWPC (µg/L)	0.07	0.040	0.06	0.06	ug/L
AS24794	TRC	$PESTGAW	Aldrin	µg/L	CT	Pesticides, Pcb's, Tph, A	GWPC (µg/L)	0.006	0.003	0.0031	0.0031	ug/L
AS24795	TRC	$8260GWR	Acrylonitrile	µg/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	5.0	0.5	0.5	ug/L
AS24795	TRC	$8260GWR	Dibromoethane	µg/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	1.0	0.05	0.05	ug/L
AS24795	TRC	$8270-SIMFSR	Pyridine	µg/L	CT	Semivolatile Organic Comp	GWPC (µg/L)	ND	10	0.7	0.7	ug/L
AS24795	TRC	$8270-SIMFSR	Aniline	µg/L	CT	Semivolatile Organic Comp	GWPC (µg/L)	ND	50	6	6	ug/L
AS24795	TRC	$8270-SIMFSR	4-Nitroaniline	µg/L	CT	Semivolatile Organic Comp	GWPC (µg/L)	ND	50	21	21	ug/L
AS24795	TRC	$8270-SIMFSR	Carbazole	µg/L	CT	Pesticides, Pcb's, Tph, A	GWPC (µg/L)	ND	50	10	10	ug/L
AS24795	TRC	$8270-SIMFSR	3,3'-Dichlorobenzidine	µg/L	CT	Semivolatile Organic Comp	GWPC (µg/L)	ND	20	10	10	ug/L
AS24796	TRC	SPLP-PB	SPLP Lead	mg/l	CT	Inorganic Substances	GA/GAA PMC (mg/l)**	0.092	0.015	0.015	0.015	mg/L
AS24796	TRC	SPLP-PB	SPLP Lead	µg/L	CT	Inorganic Substances	GWPC (µg/L)	0.092	0.015	0.015	0.015	mg/L
AS24797	TRC	$8270-SMR	Phenanthrene	mg/kg	CT	Semivolatile Organic Comp	GA/GAA PMC (mg/kg)	4600	370	4000	4000	ug/Kg

Sample Criteria Exceedences Report

Requested Criteria: GAM, GWP

GAS24790

SampNo	LocCode	Acode	Phoenix Analyte	Criteria Units	ST	State Category	Criteria Name	Result	RL	Factored Criteria	Factored RL Criteria	Analysis Units
AS24797	TRC	$8270-SMR	Fluoranthene	mg/kg	CT	Semivolatile Organic Comp	GA/GAA PMC (mg/kg)	9600	1800	5600	5600	ug/Kg
AS24797	TRC	$8270-SMR	Pyrene	mg/kg	CT	Semivolatile Organic Comp	GA/GAA PMC (mg/kg)	8100	1800	4000	4000	ug/Kg
AS24797	TRC	$8270-SMR	Benz(a)anthracene	mg/kg	CT	Semivolatile Organic Comp	GA/GAA PMC (mg/kg)	4400	370	1000	1000	ug/Kg
AS24797	TRC	$8270-SMR	Benzo(b)fluoranthene	mg/kg	CT	Semivolatile Organic Comp	GA/GAA PMC (mg/kg)	6700	1800	1000	1000	ug/Kg
AS24797	TRC	$8270-SMR	Benzo(k)fluoranthene	mg/kg	CT	Semivolatile Organic Comp	GA/GAA PMC (mg/kg)	2700	370	1000	1000	ug/Kg
AS24797	TRC	$8270-SMR	Benzo(a)pyrene	mg/kg	CT	Semivolatile Organic Comp	GA/GAA PMC (mg/kg)	5500	370	1000	1000	ug/Kg
AS24797	TRC	$8270-SMR	Indeno(1,2,3-cd)pyrene	mg/kg	CT	Semivolatile Organic Comp	GA/GAA PMC (mg/kg)	2800	370	1000	1000	ug/Kg
AS24797	TRC	SPLP-AS	SPLP Arsenic	mg/l	CT	Inorganic Substances	GA/GAA PMC (mg/l)**	0.011	0.004	0.01	0.01	mg/L
AS24797	TRC	SPLP-PB	SPLP Lead	mg/l	CT	Inorganic Substances	GA/GAA PMC (mg/l)**	0.162	0.015	0.015	0.015	mg/L
AS24797	TRC	SPLP-PB	SPLP Lead	µg/L	CT	Inorganic Substances	GWPC (µg/L)	0.162	0.015	0.015	0.015	mg/L
AS24798	TRC	$8270-SMR	Phenanthrene	mg/kg	CT	Semivolatile Organic Comp	GA/GAA PMC (mg/kg)	4900	370	4000	4000	ug/Kg
AS24798	TRC	$8270-SMR	Fluoranthene	mg/kg	CT	Semivolatile Organic Comp	GA/GAA PMC (mg/kg)	12000	1800	5600	5600	ug/Kg
AS24798	TRC	$8270-SMR	Pyrene	mg/kg	CT	Semivolatile Organic Comp	GA/GAA PMC (mg/kg)	11000	1800	4000	4000	ug/Kg
AS24798	TRC	$8270-SMR	Benz(a)anthracene	mg/kg	CT	Semivolatile Organic Comp	GA/GAA PMC (mg/kg)	5900	1800	1000	1000	ug/Kg
AS24798	TRC	$8270-SMR	Benzo(b)fluoranthene	mg/kg	CT	Semivolatile Organic Comp	GA/GAA PMC (mg/kg)	7800	1800	1000	1000	ug/Kg
AS24798	TRC	$8270-SMR	Benzo(k)fluoranthene	mg/kg	CT	Semivolatile Organic Comp	GA/GAA PMC (mg/kg)	2900	370	1000	1000	ug/Kg
AS24798	TRC	$8270-SMR	Benzo(a)pyrene	mg/kg	CT	Semivolatile Organic Comp	GA/GAA PMC (mg/kg)	6000	1800	1000	1000	ug/Kg
AS24798	TRC	$8270-SMR	Indeno(1,2,3-cd)pyrene	mg/kg	CT	Semivolatile Organic Comp	GA/GAA PMC (mg/kg)	2600	370	1000	1000	ug/Kg
AS24800	TRC	$8260MER	Chloromethane	mg/kg	CT	Volatile Organic Compound	GA/GAA PMC (mg/kg)	ND	250	54	54	ug/Kg
AS24800	TRC	$8260MER	Vinyl chloride	mg/kg	CT	Volatile Organic Compound	GA/GAA PMC (mg/kg)	ND	250	40	40	ug/Kg
AS24800	TRC	$8260MER	Bromomethane	mg/kg	CT	Volatile Organic Compound	GA/GAA PMC (mg/kg)	ND	250	200	200	ug/Kg
AS24800	TRC	$8260MER	1,1-Dichloroethene	mg/kg	CT	Volatile Organic Compound	GA/GAA PMC (mg/kg)	ND	250	140	140	ug/Kg
AS24800	TRC	$8260MER	Methylene chloride	mg/kg	CT	Volatile Organic Compound	GA/GAA PMC (mg/kg)	ND	500	100	100	ug/Kg
AS24800	TRC	$8260MER	Acrylonitrile	mg/kg	CT	Volatile Organic Compound	GA/GAA PMC (mg/kg)	ND	500	10	10	ug/Kg
AS24800	TRC	$8260MER	Chloroform	mg/kg	CT	Volatile Organic Compound	GA/GAA PMC (mg/kg)	ND	250	120	120	ug/Kg
AS24800	TRC	$8260MER	Carbon tetrachloride	mg/kg	CT	Volatile Organic Compound	GA/GAA PMC (mg/kg)	ND	250	100	100	ug/Kg
AS24800	TRC	$8260MER	Benzene	mg/kg	CT	Volatile Organic Compound	GA/GAA PMC (mg/kg)	ND	250	20	20	ug/Kg
AS24800	TRC	$8260MER	1,2-Dichloroethane	mg/kg	CT	Volatile Organic Compound	GA/GAA PMC (mg/kg)	ND	250	20	20	ug/Kg
AS24800	TRC	$8260MER	Trichloroethene	mg/kg	CT	Volatile Organic Compound	GA/GAA PMC (mg/kg)	ND	250	100	100	ug/Kg
AS24800	TRC	$8260MER	1,2-Dichloropropane	mg/kg	CT	Volatile Organic Compound	GA/GAA PMC (mg/kg)	ND	250	100	100	ug/Kg
AS24800	TRC	$8260MER	Bromodichloromethane	mg/kg	CT	Volatile Organic Compound	GA/GAA PMC (mg/kg)	ND	250	11	11	ug/Kg
AS24800	TRC	$8260MER	1,1,2-Trichloroethane	mg/kg	CT	Volatile Organic Compound	GA/GAA PMC (mg/kg)	ND	250	100	100	ug/Kg
AS24800	TRC	$8260MER	Dibromoethane	mg/kg	CT	Volatile Organic Compound	GA/GAA PMC (mg/kg)	ND	250	10	10	ug/Kg
AS24800	TRC	$8260MER	Tetrachloroethene	mg/kg	CT	Volatile Organic Compound	GA/GAA PMC (mg/kg)	ND	250	100	100	ug/Kg
AS24800	TRC	$8260MER	Dibromochloromethane	mg/kg	CT	Volatile Organic Compound	GA/GAA PMC (mg/kg)	ND	250	10	10	ug/Kg
AS24800	TRC	$8260MER	1,1,1,2-Tetrachloroethane	mg/kg	CT	Volatile Organic Compound	GA/GAA PMC (mg/kg)	ND	250	20	20	ug/Kg
AS24800	TRC	$8260MER	Bromoform	mg/kg	CT	Volatile Organic Compound	GA/GAA PMC (mg/kg)	ND	250	80	80	ug/Kg
AS24800	TRC	$8260MER	1,1,2,2-Tetrachloroethane	mg/kg	CT	Volatile Organic Compound	GA/GAA PMC (mg/kg)	ND	250	10	10	ug/Kg

Sample Criteria Exceedences Report

Requested Criteria: GAM, GWP

GAS24790

SampNo	LocCode	Acode	Phoenix Analyte	Criteria Units	ST	State Category	Criteria Name	Result	RL	Factored Criteria	Factored RL Criteria	Analysis Units
AS24801	TRC	$8270-SMR	Phenanthrene	mg/kg	CT	Semivolatile Organic Comp	GA/GAA PMC (mg/kg)	8300	2200	4000	4000	ug/Kg
AS24801	TRC	$8270-SMR	Fluoranthene	mg/kg	CT	Semivolatile Organic Comp	GA/GAA PMC (mg/kg)	13000	2200	5600	5600	ug/Kg
AS24801	TRC	$8270-SMR	Pyrene	mg/kg	CT	Semivolatile Organic Comp	GA/GAA PMC (mg/kg)	9600	2200	4000	4000	ug/Kg
AS24801	TRC	$8270-SMR	Benz(a)anthracene	mg/kg	CT	Semivolatile Organic Comp	GA/GAA PMC (mg/kg)	4300	450	1000	1000	ug/Kg
AS24801	TRC	$8270-SMR	Benzo(b)fluoranthene	mg/kg	CT	Semivolatile Organic Comp	GA/GAA PMC (mg/kg)	6400	450	1000	1000	ug/Kg
AS24801	TRC	$8270-SMR	Benzo(k)fluoranthene	mg/kg	CT	Semivolatile Organic Comp	GA/GAA PMC (mg/kg)	1900	450	1000	1000	ug/Kg
AS24801	TRC	$8270-SMR	Benzo(a)pyrene	mg/kg	CT	Semivolatile Organic Comp	GA/GAA PMC (mg/kg)	4400	450	1000	1000	ug/Kg
AS24801	TRC	$8270-SMR	Indeno(1,2,3-cd)pyrene	mg/kg	CT	Semivolatile Organic Comp	GA/GAA PMC (mg/kg)	1700	450	1000	1000	ug/Kg
AS24801	TRC	$PEST_SMR	g-BHC	mg/kg	CT	Pesticides, Pcb's, Tph, A	GA/GAA PMC (mg/kg)	ND	21	20	20	ug/Kg
AS24801	TRC	$PEST_SMR	Heptachlor epoxide	mg/kg	CT	Pesticides, Pcb's, Tph, A	GA/GAA PMC (mg/kg)	ND	21	20	20	ug/Kg

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

Reasonable Confidence Protocol
Laboratory Analysis QA/QC Certification Form

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

Project Location: FB091509 **Project Number:**

Laboratory Sample ID(s): AS24790, AS24791, AS24792, AS24793, AS24794, AS24795, AS24796, AS24797, AS24798, AS24799, AS24800, AS24801, AS24839

Sampling Date(s): 9/15/2009, 9/16/2009

RCP Methods Used:

☑ 1311/1312	☑ 6010	☐ 7000	☐ 7196	☑ 7470/7471	☑ 8081	☐ EPH
☑ 8082	☑ 8151	☑ 8260	☑ 8270	☑ ETPH	☐ 9010/9012	☐ VPH

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

Date: Friday, October 09, 2009

Printed Name: Kathleen Cressia

Position: QA/QC Officer

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

RCP Certification Report

October 09, 2009

SDG I.D.: GAS24790

8270 Semi-volatile Orgainics:
In order to achieve the requested reporting levels for the target compounds, the sample was extracted and analyzed via 8270 selective ion monitoring (SIM) as well as 8270 full scan.
Pyridine was analyzed only by full scan and the reporting level does not meet GWP criteria.

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/FID method 504 or 8011 when this criteria needs to be met.

ETPH Narration

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

In some instances, the discrimination check standard had more than one outlier.

Instrument: Au-fid1 09/17/09-2 (AS24797, AS24799)

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: There were no outliers.

Printed Name Jeff Bucko
Position: Chemist
Date: 9/17/2009

Instrument: Au-xl1 09/18/09-1 (AS24793, AS24796)

Initial Calibration (FIDXL1 - Sept 2009/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:C9, C10, C12

Printed Name Jeff Bucko
Position: Chemist
Date: 9/18/2009

Instrument: Au-xl1 09/20/09-1 (AS24791, AS24792, AS24798, AS24801)

Initial Calibration (FIDXL1 - Sept 2009/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: C9, C10, C12, C14, C36

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RCP Certification Report

October 09, 2009

SDG I.D.: GAS24790

Printed Name Keith Aloisa
Position: Chemist
Date: 9/20/2009

Instrument: Au-x11 09/25/09-1 (AS24797)

Initial Calibration (FIDXL1 - Sept 2009/ETPH_1) - The initial calibration curve was within method criteria and had a %RSD less than 30%.

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

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

Printed Name Keith Aloisa
Position: Chemist
Date: 9/25/2009

Instrument: Dual_fid1 09/18/09-1 (AS24790, AS24794, AS24795)

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

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

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

Printed Name Jeff Bucko
Position: Chemist
Date: 9/18/2009

QC Comments: QC Batch 35378 09/08/09 (AS24790, AS24794, AS24795)

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

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.

Herbicide Narration

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

Dinoseb exhibited low recoveries, a negative sample bias can not be ruled out.

QC Comments: QC Batch 35793 09/14/09 (AS24791, AS24792, AS24793, AS24796, AS24797, AS24798, AS24799, AS24801)

An LCS/LCSD were prepped instead of an MS/MSD

QC Comments: QC Batch 36422 09/21/09 (AS24792, AS24796, AS24799)

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RCP Certification Report

October 09, 2009

SDG I.D.: GAS24790

An lcs/lcsd was prepped instead of ms/msd (limited sample)

QC Comments: QC Batch 36100 09/16/09 (AS24790, AS24794, AS24795)

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 - 150 with the following exceptions: None.

All LCSD recoveries were within 30 - 150 with the following exceptions: None.

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

QC (Batch Specific)

All LCS recoveries were within 30 - 150 with the following exceptions: Dinoseb

All LCSD recoveries were within 30 - 150 with the following exceptions: Dinoseb

Mercury Narration

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

Instrument: Merlin 09/17/09-1 (AS24790, AS24791, AS24792, AS24793, AS24794, AS24795, AS24796, AS24797, AS24798, AS24799, AS24801)

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 Tina Hall
Position: Chemist
Date: 9/17/2009

Instrument: Merlin 10/07/09-1 (AS24791, AS24793, AS24796, AS24797, AS24801)

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: 10/7/2009

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RCP Certification Report

October 09, 2009

SDG I.D.: GAS24790

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

All MSD recoveries were within 80 - 120 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.

ICP Narration

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

Instrument: Icp7 09/26/09-1 (AS24797, AS24798)

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

Printed Name Emily Kolominskaya
Position: Chemist
Date: 9/26/2009

Instrument: Icp7 10/07/09-1 (AS24791, AS24793, AS24796, AS24797, AS24801)

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

Printed Name Emily Kolominskaya
Position: Chemist
Date: 10/7/2009

Instrument: Icp9 09/20/09-1 (AS24790, AS24794, AS24795)

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

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RCP Certification Report

October 09, 2009

SDG I.D.: GAS24790

Printed Name Laura Kinnin
Position: Chemist
Date: 9/20/2009

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

All MSD recoveries were within 75 - 125 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.

PCB Narration

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

SPLP PCBs: AS24791, AS24793, AS24799 had low DCBP surrogate recovery. A negative bias can not be ruled out.

Instrument: Au-ecd4 09/18/09-1 (AS24793)

8082 Narration:

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

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

Printed Name Michael Hahn
Position: Chemist
Date: 9/18/2009

Instrument: Au-ecd5 09/21/09-1 (AS24790)

8082 Narration:

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

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

Printed Name Michael Hahn
Position: Chemist
Date: 9/21/2009

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

RCP Certification Report

October 09, 2009

SDG I.D.: GAS24790

Instrument: Au-ecd7 09/18/09-1 (AS24791, AS24792, AS24793, AS24796, AS24797, AS24799, AS24801)

8082 Narration:

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

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

Printed Name Michael Hahn
Position: Chemist
Date: 9/18/2009

Instrument: Au-ecd8 09/17/09-1 (AS24791, AS24792, AS24793, AS24796, AS24797, AS24798, AS24799, AS24801)

8082 Narration:

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

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

Printed Name Michael Hahn
Position: Chemist
Date: 9/17/2009

Instrument: Au-ecd8 09/18/09-1 (AS24794, AS24795)

8082 Narration:

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

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

Printed Name Michael Hahn
Position: Chemist
Date: 9/18/2009

QC Comments: QC Batch 36176 09/17/09 (AS24790, AS24791, AS24792, AS24793, AS24794, AS24795, AS24796, AS24797, AS24799, AS24801)

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 06040
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

RCP Certification Report

October 09, 2009

SDG I.D.: GAS24790

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

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

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

PEST Narration

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

AS24794, AS24795: One of the surrogates was below acceptance criteria; insufficient sample to re-extract. A negative bias can not be ruled out.

Instrument: Au-ecd6 09/17/09-1 (AS24791, AS24792, AS24793, AS24796, AS24797, AS24798, AS24799, AS24801)

8081 Narration:
The initial calibration RSD for the compound list was less than 15% except for the following compounds: None

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

Printed Name Michael Hahn
Position: Chemist
Date: 9/17/2009

QC Comments: QC Batch 36094 09/16/09 (AS24790, AS24794, AS24795)

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.

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.

SVOA Narration

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

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RCP Certification Report

October 09, 2009

SDG I.D.: GAS24790

Instrument: Chem04 09/17/09-1 (AS24791, AS24792, AS24793, AS24796, AS24797, AS24798, AS24799, AS24801)

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

Initial Calibration (Chem04/SV_0915):
Greater than 90% of the target compounds met calibration criteria with a RSD <20% or >0.99 correlation coefficient. The following compounds had RSDs >20% and <0.99 correlation coefficient: Benzyl alcohol, benzoic acid, 4-chloroaniline, hexachllorocyclopentadiene, 3 nitroaniline, 2-nitroaniline, n-nitrosodiphenylamine, pentachlorophenol, carbazole
carbazole

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

Continuing Calibration:
Greater than 80% of target compounds met continuing calibraion criteria with a %D <20. The following compounds had >20% difference from the initial calibration: 4-Chloroaniline, 3-Nitroaniline, Carbazole

Printed Name Harry Mullin
Position: Chemist
Date: 9/17/2009

Instrument: Chem04 09/18/09-1 (AS24797, AS24798, AS24801)

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

Initial Calibration (Chem04/SV_0915):
Greater than 90% of the target compounds met calibration criteria with a RSD <20% or >0.99 correlation coefficient. The following compounds had RSDs >20% and <0.99 correlation coefficient: Benzyl alcohol, benzoic acid, 4-chloroaniline, hexachllorocyclopentadiene, 3 nitroaniline, 2-nitroaniline, n-nitrosodiphenylamine, pentachlorophenol, carbazole
carbazole

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

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

Printed Name Harry Mullin
Position: Chemist
Date: 9/18/2009

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RCP Certification Report

October 09, 2009

SDG I.D.: GAS24790

QC (Site Specific)

All LCS recoveries were within 30 - 130 with the following exceptions: 2,4-Dimethylphenol, 2,4-Dinitrophenol, 2,6-Dinitrotoluene, 2-Nitroaniline, 3-Nitroaniline, 4,6-Dinitro-2-methylphenol, 4-Chloroaniline, Hexachlorocyclopentadiene, Pyridine

All LCSD recoveries were within 30 - 130 with the following exceptions: 2,4-Dinitrophenol, 2,6-Dinitrotoluene, 2-Nitroaniline, 3-Nitroaniline, 4-Chloroaniline, Hexachlorocyclopentadiene, Pyridine

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

All MSD recoveries were within 30 - 130 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.

SVOASIM Narration

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

QC Comments: QC Batch 36096 09/16/09 (AS24790, AS24794, AS24795)

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: 2,4-Dimethylphenol, 2,4-Dinitrophenol, 2,6-Dinitrotoluene, Hexachlorocyclopentadiene, Pyridine

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

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? Yes.

Instrument: Chem02 09/16/09-1 (AS24790, AS24794, AS24795)

This instrument is set up with a dual auto sampler (labeled P and Q)

P-Side
Initial Calibration (0909P09)
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%:

Q-Side
Initial Calibration (0909Q09)

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

RCP Certification Report

October 09, 2009

SDG I.D.: GAS24790

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%: Tetrahydrofuran (THF), Carbon Tetrachloride

Printed Name Johanna Harrington
Position: Chemist
Date: 9/16/2009

Instrument: Chem11 09/16/09-1 (AS24791, AS24792, AS24793, AS24796, AS24797, AS24798, AS24799, AS24800, AS24801, AS24839)

Initial Calibration Verification (CHEM11/RCP_091509):
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%: acrolein, Acetone, Acrylonitrile, Methyl Ethyl Ketone, 1,2,3-Trichloropropane, trans-1,4-Dichloro-2-butene

Printed Name Johanna Harrington
Position: Chemist
Date: 9/16/2009

Instrument: Chem11 09/17/09-1 (AS24791)

Initial Calibration Verification (CHEM11/RCP_091509):
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: 9/17/2009

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RCP Certification Report

October 09, 2009

SDG I.D.: GAS24790

QC (Site Specific)

All LCS recoveries were within 70 - 130 with the following exceptions: 2-Hexanone, 4-Methyl-2-pentanone, Acetone, Acrylonitrile, Chloromethane, Dichlorodifluoromethane, Methyl ethyl ketone, Tetrahydrofuran (THF)

All LCSD recoveries were within 70 - 130 with the following exceptions: 1,2,3-Trichloropropane, 2-Hexanone, 4-Methyl-2-pentanone, Acetone, Acrylonitrile, Chloromethane, Dichlorodifluoromethane, Methyl ethyl ketone, Tetrahydrofuran (THF), trans-1,4-dichloro-2-butene

All MS recoveries were within 70 - 130 with the following exceptions: 1,2,3-Trichlorobenzene, 1,2,3-Trichloropropane, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-chloropropane, 1,2-Dichloroethane, 2-Hexanone, 4-Methyl-2-pentanone, Acetone, Acrylonitrile, Bromoform, Carbon tetrachloride, Chloromethane, cis-1,3-Dichloropropene, Dibromoethane, Hexachlorobutadiene, Methyl ethyl ketone, Naphthalene, Tetrahydrofuran (THF), trans-1,3-Dichloropropene, trans-1,4-dichloro-2-butene

All MSD recoveries were within 70 - 130 with the following exceptions: 1,1,2,2-Tetrachloroethane, 1,1,2-Trichloroethane, 1,2,3-Trichlorobenzene, 1,2,3-Trichloropropane, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-chloropropane, 1,2-Dichloroethane, 2-Hexanone, 4-Methyl-2-pentanone, Acetone, Acrylonitrile, Bromodichloromethane, Bromoform, Chloromethane, cis-1,3-Dichloropropene, Dibromoethane, Dibromomethane, Hexachlorobutadiene, Methyl ethyl ketone, Naphthalene, n-Butylbenzene, Tetrahydrofuran (THF), trans-1,3-Dichloropropene, trans-1,4-dichloro-2-butene

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

QC (Batch Specific)

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

All LCSD recoveries were within 70 - 130 with the following exceptions: 1,2,3-Trichlorobenzene, Acrylonitrile, Carbon Disulfide, Carbon tetrachloride, Dichlorodifluoromethane

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CHAIN OF CUSTODY RECORD

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

Temp 6° C Pg 1 of 1

Data Delivery:
☐ Fax #: _____
☐ Email: _____

Customer: TRC
Address: 21 Griffin Road North, Windsor CT, 06095

Project: _____
Report to: Marya Mahoney
Invoice to: same

Project P.O: 15422
Phone #: 860-298-6226
Fax #: 860-298-6399

Client Sample - Information - Identification

Sampler's Signature _____ Date

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	SVOCs	PCBs	ETPH (total + SGT)	Herbicides	Pesticides	RCRA-8 Metals	SPLP PCBs	Soil VOA [1] Methanol [ ] S. Bisulfate (2) H2O	GL Soil container (8) oz (x2)	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [3] HCl	GL Amber 1000ml [6] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml [ ] 1000ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
24790	FB091509			0855	X	X	X	X	X	X	X					X	X			X		
24791	SB-1 (1-3)			0935								X		X	X							
24792	SB-2 (1-3)			0950								X		X	X							
24793	SB-2 (4.5-5)			1005								X		X	X							
24794	TW-1			1025												X	X			X		
24795	SW-1			1050												X	X			X		
24796	SB-3 (1-3)			1125								X		X	X							
24797	SB-4 (1-3)			1140								X		X	X							
(B) 24798	SB-4A (~~4-6~~) 1-3			1141								X		X	X							
24799	SB-4 (4-6)			1200	↓	↓	↓	↓	↓	↓	↓	X		X	X							
24800	SB091509 H *			1220	X									X								
24801	SED-1			1215	X	X	X	X	X	X	X	X		X	X							

Relinquished by:	Accepted by:	Date:	Time:
FEDEX		9-16-09	1030
	Lori Brylda	9-16-09	13:30

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

Comments, Special Requirements or Regulations:

Archive all samples for potential SPLP RCRA-8 metals analysis

* 24839 SB091509 LL VOCs

State where samples were collected: CT

PHOENIX Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

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

Temp 6° C Pg 1 of 1

Data Delivery:
- [ ] Fax #:
- [ ] Email:

Customer: TRC
Address: 21 Griffin Road North
Windsor CT, 06095

Project:
Report to: Marya Mahoney
Invoice to: same

Project P.O: 15422
Phone #: 860 298-6226
Fax #: 860-298-6399

Client Sample - Information - Identification

Sampler's Signature: [signature] Date

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	SVOCs	PCBs	ETPH (total + SPLP)	Herbicides	Pesticides	RCRA-8 Metals	SPLP PCBs	SPLP RCRA 8 METALS (MM 10/14/09)	Soil VOA [ ] Methanol [ ] S. Bisulfate [2] H20	GL Soil container (8) oz (x2)	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [3] HCl	GL Amber 1000ml [6] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
24790	FB091509			0855	X	X	X	X	X	X	X						X	X			X		
24791	SB-1 (1-3)			0935								X	X (MM)	X	X								
24792	SB-2 (1-3)			0950								X		X	X								
24793	SB-2 (4.5-5)			1005								X	X (MM)	X	X								
24794	TW-1			1025													X	X			X		
24795	SW-1			1050													X	X			X		
24796	SB-3 (1-3)			1125								X	X (MM)	X	X								
24797	SB-4 (1-3)			1140								X	X (MM)	X	X								
(LB) 24798	SB-4A (~~4-6~~) (1-3)			1141										X	X								
24799	SB-4 (4-6)			1200								X		X	X								
24800	SB091509 H *			1220	X									X									
24801	SED-1			1215	X	X	X	X	X	X	X	X	X (MM)	X	X								

Relinquished by:	Accepted by:	Date:	Time:
TRIDGE	[signature]	9-16-09	1030
	Lori Bryda	9-16-09	13:30

Comments, Special Requirements or Regulations:
Archive all samples for potential SPLP RCRA-8 metals analysis
* 24839 SB091509 LL voa's

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

* SURCHARGE APPLIES

CT/RI
- [x] RCP Cert.
- [ ] GW Protect.
- [x] 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
- [x] Excel
- [x] PDF
- [ ] GIS/Key
- [ ] EQuIS
- [ ] Other

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

State where samples were collected: CT

PHOENIX Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

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

Temp 6.0°C Pg | of |

Data Delivery:
☐ Fax #: _____
☐ Email: _____

Customer: TRC
Address: 21 Griffin Road North, Windsor CT, 06095

Project: _____
Report to: Marya Mahoney
Invoice to: same

Project P.O: 15422
Phone #: 860-298-6226
Fax #: 860-298-6399

Client Sample - Information - Identification

Sampler's Signature _____ Date

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	SVOCs	PCBs	ETPH (total 15 ~~8~~)	Herbicides	Pesticides	RCRA-8 Metals	SPLP Metals	SPLP PCBs	SPLP RCRA 8 METALS (MM digest)	Soil VOA [ ] Methanol [ ] S. Bisulfate (2) H2O	GL Soil container (8) oz. (x2)	GL Soil container ( ) oz.	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml (1) As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml [ ] 1000ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
24790	FB091509			0855	X	X	X	X	X	X	X							X	X			X			
24791	SB-1 (1-3)			0935	|	|	|	|	|	|	|	X	X (MM)			X	X									
24792	SB-2 (1-3)			0950	|	|	|	|	|	|	|	X				X	X									
24793	SB-2 (4.5-5)			1005	|	|	|	|	|	|	|	X	X (MM)			X	X									
24794	TW-1			1025	|	|	|	|	|	|	|							X	X			X				
24795	SW-1			1050	|	|	|	|	|	|	|							X	X			X				
24796	SB-3 (1-3)			1125	|	|	|	|	|	|	|	X	X (MM)			X	X									
24797	SB-4 (1-3)			1140	|	|	|	|	|	|	|	X	X (MM)			X	X									
(LB) 24798	SB-4A (~~4-6~~) 1-3			1141	|	|	|	|	|	|	|					X	X									
24799	SB-4 (4-6)			1200	↓	↓	↓	↓	↓	↓	↓	X					X	X								
24800	SB091509 H *			1220	X												X								
24801	SED-1			1215	X	X	X	X	X	X	X	X	X (MM)				X	X								

Relinquished by:	Accepted by:	Date:	Time:
FRIDGE		9-16-05	1030
	Kari Brylka	9-16-05	13:30

Comments, Special Requirements or Regulations:

Archive all samples for potential SPLP RCRA-8 metals analysis

* 24839 SB091509 LL VOA's

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

State where samples were collected: CT

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

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