TASK 210
SUBSURFACE SITE INVESTIGATION – DRAINAGE AREA
CLINTON SHORELINE EAST STATION
CLINTON, CT

ConnDOT Project Number: 310-48

Prepared for

Connecticut Department of Transportation
Newington, Connecticut

Prepared by

TRC
Windsor, Connecticut

June 2011

TASK 210
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TRC

Windsor, Connecticut

TRC Project No. 107307-003550-000210

ConnDOT Project No. 310-48

June 2011

21 Griffin Road North
Windsor, CT 06095
Phone: (860) 298-9692
Fax: (860) 298-6399

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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 at the Clinton Shoreline East Station, located on John Street Extension in Clinton, Connecticut in May 2011. This investigation was conducted as part of the activities associated with proposed improvements at the railroad station. The subsurface investigation at the site included advancement of three shallow soil borings along an area were an interceptor drainage line has been proposed.

1.2 Objectives

The primary objective of the subsurface investigation was to determine if there are any impacts to the soils in the area in which work is proposed. To fulfill this objective, the soil analytical results were compared to the numerical criteria within Connecticut's Remediation Standard Regulations (RSRs). This evaluation of the potential presence of contaminants will aid in managing the materials encountered during the construction activities.

1.3 Background

The Clinton Shoreline East Station is located on John Street Extension in Clinton, Connecticut (see Figure 1). ConnDOT has determined that this station will better serve commuters if the existing platform and parking area is expanded. The activities associated with the construction of the new parking lot and platform precipitated the need to characterize the soils and ground water in the areas that will be disturbed. As such, a Task 210 subsurface investigation was completed in late 2010 (report date of February 2011). As the design progressed, it was determined that there was a need for interceptor drainage in the parking area to the north of the station which is bisected by the State of Connecticut and Unilever property line. Based on the change in the design, ConnDOT requested that an additional Task 210 subsurface investigation be undertaken in May 2011 to better understand soil conditions in the area of the proposed drainage.

1.4 Geologic / Physical Setting

The site is located within the Eastern Uplands region of Connecticut. According to the information presented on the Bedrock Geological Map of Connecticut (Rogers, 1985), bedrock beneath site is comprised of Potter Hill Granite Gneiss, a light pink to gray, tan weathering, fine- to medium-grained, well foliated granitic gneiss.

As indicated on the Surficial Materials Map of Connecticut (Stone et al, 1992), the site is located in an area underlain by sand. Additional information provided on the mapping indicates that these areas are composed mainly of very coarse-to-fine sand and is commonly in well sorted layers. Soil borings that were drilled at the site as part of the preliminary engineering efforts yielded information on the characteristics of the soils that is generally consistent with the information presented on the geologic mapping. Evidence of the placement of artificial fill, which was comprised of a thin (four to six inch) layer of ash, was observed at depths of up to two feet below grade (ftbg) in borings drilled at the site as part of previous investigation activities.

The portion of the site investigation as part of the recent Task 210 is currently developed as a paved parking lot, and as such, the topography is generally flat. The ground surface slopes sharply downward along the eastern property line toward Hull Street. Based on the regional topography, which slopes to the south/southeast, and the assumption that the local ground water flow regime mimics the topography, ground water at the station site overall is anticipated to flow to the south/southeast, toward the Indian River and ultimately, the Long Island Sound. The ground water beneath the site has been classified by the Connecticut Department of Environmental Protection (CTDEP) as “GA-impaired”. The surface waters of the Indian River and Long Island Sound are both classified by the CTDEP as “SB”.

2.0 TECHNICAL APPROACH

This section of the report summarizes the soil sampling techniques employed during the Task 210 field investigation. Observations made in the field are also summarized in this section.

Figure 2 depicts the locations of the soil borings from which the soil samples were collected as part of the investigation activities. Soil samples were collected from three shallow borings designated as GP-1, GP-2 and GP-3. All samples were submitted to the laboratory for the following analyses:

- Volatile organic compounds (VOCs) by EPA Method 5035/8260;
- Semi-volatile organic compounds (SVOCs) by EPA Method 8270;
- Extractable total petroleum hydrocarbons (ETPH) analysis by Connecticut Method 01;
- Polychlorinated biphenyls (PCBs) by EPA Method 8082;
- Pesticides by EPA Method 8081;
- Herbicides by EPA Method 8151; and
- RCRA eight metals (total by EPA Method 3050B and 6000/7000 series, plus leachable metals - SPLP by EPA Method 1312).

All samples were analyzed by Phoenix Environmental Laboratories, Inc. of Manchester, Connecticut in accordance with Connecticut's Reasonable Confidence Protocols (RCP).

2.1 Soil Sampling Program

Methodology

The three soil borings were advanced at the site on May 20, 2011 by Berkshire Environmental Strategy and Technology, LLC (Berkshire) of Torrington, Connecticut. TRC personnel provided oversight of the work in order to log soil cores and collect samples for environmental analysis. The soils borings advanced at the site were drilled utilizing a truck-mounted Geoprobe® rig. Continuous 4-foot macro-core samples were collected to a depth of eight ftbg from each of the three soil borings. Each four-foot macro-core 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 macro-core was field-screened using a photoionization detector (PID) prior to the collection of soil samples for analysis. The sample intervals (two soil samples per boring location) were pre-

selected based on the depths of interest for the proposed drainage work. 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. Soil sample aliquots collected for all but VOC analysis were transferred from the split-spoon to a dedicated, decontaminated stainless-steel bowl. The soil was then homogenized by mixing with dedicated, laboratory-decontaminated stainless-steel spoons prior to collection in the appropriate laboratory-supplied sample containers and placement of the samples on ice, in a cooler, for delivery to the laboratory. The remaining soils and drill cuttings were returned to their respective boreholes following the completion of the drilling and sampling.

Field Observations

Based on the descriptions of the soil encountered in the borings drilled at the site, it has been determined that the native soils at the site are comprised of fine- to coarse-grained sand with varying amounts of silt and gravel. Ground water was not encountered at the site during this soil sampling event, however, during the previous Task 210 sampling events conducted in 2010, ground water was found to be at approximately 17 ftbg. None of the soils in the three borings drilled as part of this investigation exhibited stains, odors, or elevated PID readings.

3.0 INVESTIGATION RESULTS

The following sections provide a summary of the analytical results of the soil sampling conducted as part of this investigation. The soil analytical results are summarized in Table 1. The laboratory analytical results are provided in Appendix B. All of the samples collected from the site were analyzed for VOCs, SVOCs, ETPH, PCBs, pesticides, herbicides and RCRA 8 metals (total and SPLP).

Although the site is not subject to the Transfer Act, the Voluntary Cleanup Program (VCP), or the requirements of a Consent Order, the soil results are being compared to the Connecticut RSRs in order to evaluate whether or not any releases have occurred and to assess the magnitude of any releases of contaminants. The "default" criteria to which the reported concentrations for soils are compared are the Direct Exposure Criteria (DEC) and the Pollutant Mobility Criteria (PMC). The DEC are based on direct human exposure to soils and generally apply to polluted soil within fifteen feet of the land surface. The DEC have been classified as Residential (R) or Industrial/Commercial (I/C) standards. RDEC are applicable at all sites without recorded environmental land use restrictions (ELURs). The PMC are based on the potential for human exposure to soil pollution through impact to the ground water and are dependent on the local ground water classification. As the site is located in an area in which ground water is classified as "GA-impaired", the GA PMC is applicable.

3.1 Soil Sample Results Summary

VOCs

As indicated in Table 1, VOCs were not detected above the reporting limits in any of the soil samples collected as part of this investigation.

SVOCs

As indicated in Table 1, SVOCs were not detected above the reporting limits in any of the soil samples collected as part of this investigation.

ETPH

ETPH was detected in one of the six soil samples collected as part of this investigation. Specifically, as shown in Table 1, ETPH was detected in soil sample GP-3(6-8) at a concentration of 140 parts per million (ppm). This reported concentration of ETPH does not exceed the RDEC or the GA PMC.

PCBs

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

Pesticides

As shown in Table 1, there were no pesticides detected above reporting limits in the soil samples collected as part of this investigation.

Herbicides

There were no herbicides detected above laboratory reporting limits in any of the soil samples collected as part of this investigation.

Metals

Total Metals

One or more of the RCRA 8 metals were detected in each of the soil samples collected at the site. Specifically, the metals barium (12.6 ppm to 91.7 ppm), chromium (1.74 ppm to 11.5 ppm), lead (0.43 ppm to 8.63 ppm) and mercury (0.09 ppm) were detected in site soils. None of the reported concentrations of total metals exceed the RSR criteria.

SPLP Metals

Leachable metals were detected in two soil samples collected as part of this Task 210 investigation. Specifically, leachable barium, chromium and lead were detected in site soils. As indicated in Table 1, leachable chromium was detected in soil sample GP-1(6-8) and barium, chromium and lead were detected in soil sample GP-3(4-6). The reported leachable lead

concentration of 0.023 ppm in sample GP-3(4-6) exceeds the GA PMC. Based on the low total lead concentration in this same soil sample, TRC personnel requested that the laboratory personnel evaluate the data further to confirm that this reported concentration of leachable lead was not erroneous. Ultimately, the analysis was re-run and the results were confirmed that there is leachable lead in the soils at a depth of four to six feet below grade at boring location GP-3 that exceeds the GA PMC.

4.0 CONCLUSIONS AND RECOMMENDATIONS

This section briefly summarizes the findings of the Task 210 subsurface site investigation activities conducted at the site in May 2011. Also included are recommendations based on these findings/conclusions.

4.1 Soil

1. In general, the native soils at the site can be characterized as fine- to coarse-grained sand with varying amounts of silt and gravel. None of the soils exhibited odors or staining. As the soil borings drilled as part of this investigation were not advanced beyond eight feet below grade, ground water was not encountered.

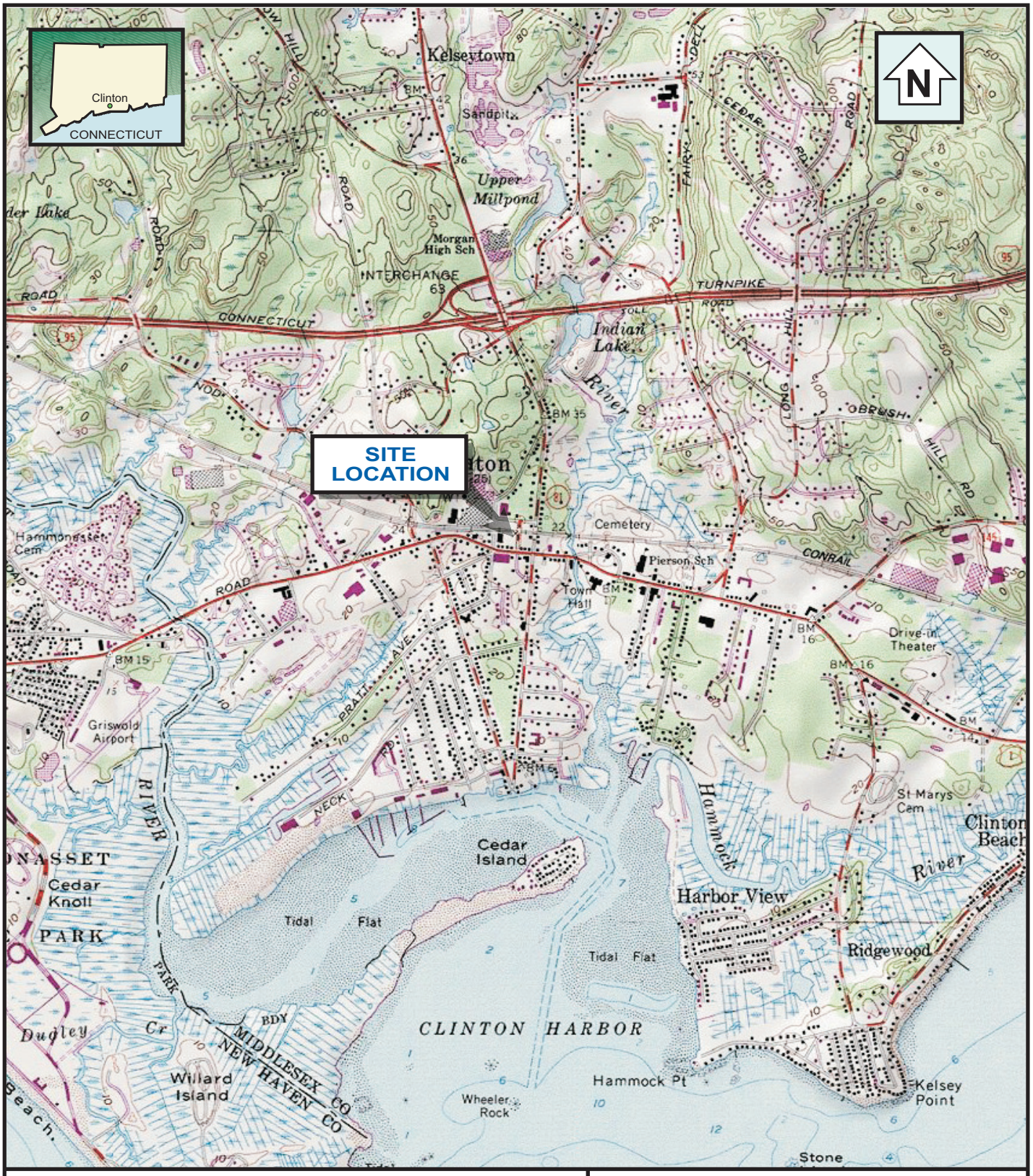
2. The results of the analysis of soils collected as part of this investigation indicated the following. No VOCs, SVOCs, PCBs, pesticides or herbicides were detected above reporting limits in any of the soil samples collected from the three soil borings.

   ETPH was detected at a low concentration relative to RSR criteria (140 ppm) in soil sample GP-3(6-8).

   Several metals (both total and leachable) were detected in the soil samples collected as part of this investigation, however, only the reported concentration of leachable lead in the soil sample GP-3(4-6) exceeds any applicable criteria.

   Recommendation: The results of the soil sampling conducted on May 20, 2011 indicate that one contaminant was detected above RSR criteria in one soil sample. Therefore, the soils from the four-to-six foot interval at boring location GP-3 are considered polluted and shall be properly managed and handled on-site and all soil not reused on-site should be disposed of off-site at an approved disposal facility. As a Task 310 – Plans, Specification and Estimates is already in the process of being prepared for this site, it is recommended that this recent information be incorporated into the existing plans and specifications.

FIGURES



0 2000
SCALE FEET

0 1
SCALE MILE
1:24000

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

TRC
21 Griffin Road North
Windsor, CT 06095
(860) 298-9692

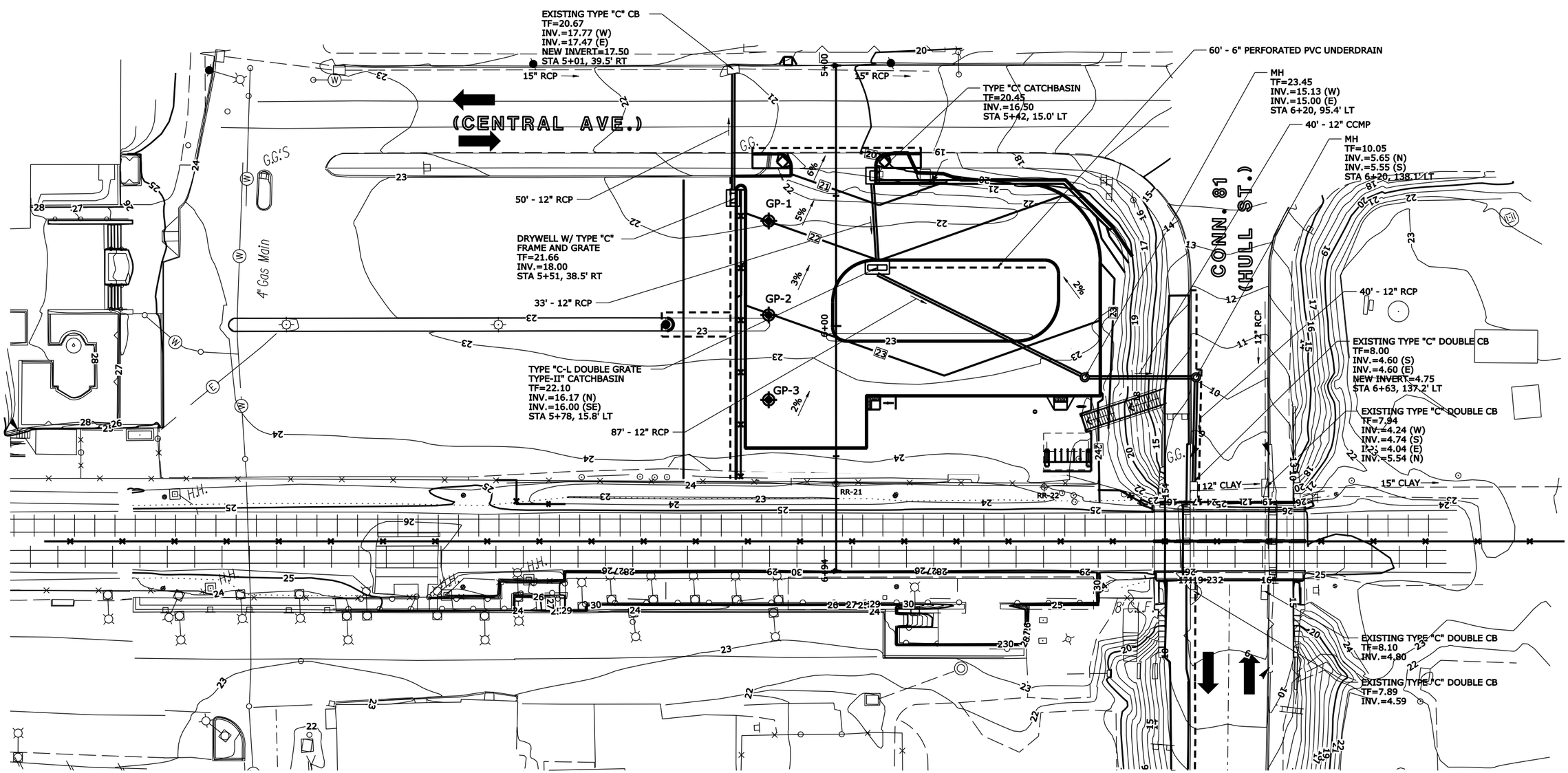
CLINTON SHORELINE EAST STATION
CLINTON, CONNECTICUT

FIGURE 1

SITE LOCATION MAP

Date: 01/11 | **Project No.** 107307.003550.00210

pers/haz/10737 ctdot/ 3550 CLINTON/3550 JUNE 08.FH10



LEGEND

GEOPROBE LOCATION

0 40' 80'

GRAPHIC SCALE

TRC

21 Griffin Road North
Windsor, CT 06095
(860) 298-9692

CLINTON SHORELINE EAST STATION
CLINTON, CONNECTICUT

FIGURE 2
ENVIRONMENTAL SAMPLING LOCATIONS

Date: 5 / 11

Project No. 107307-003550-000210

107307/003550/000210/ENV-1

TABLES

Table 1
Soil Sample Analytical Results
Task 210 - May 2011
Clinton Shoreline East Station, Clinton, CT
ConnDOT Project No. 310-48
TRC Project No. 107307.003550.000210

Boring No.:	**GP-1 (4-6)**	**GP-1 (6-8)**	**GP-2 (4-6)**	**GP-2 (6-7)**	**GP-2A (6-7)**	**GP-3 (4-6)**	**GP-3 (6-8)**	**FB052011**	**CT RSRs**		
Sample Interval (ftbg):	4-6	6-8	4-6	6-7	6-7	4-6	6-8				
Sample Date:	5/20/2011	5/20/2011	5/20/2011	5/20/2011	5/20/2011	5/20/2011	5/20/2011	5/20/2011	RES DEC	I/C DEC	GA PMC
PID Results (ppm) / Notes:	ND	ND	ND	ND	Dupl. GP-2	ND	ND	Field Blank			
Volatile Organic Compounds - ug/kg											
Method 8260/5035	ND	ND	ND	ND	ND	ND	ND	ND	--	--	--
Semi-Volatile Organic Compounds - ug/kg											
Method 8270	ND	ND	ND	ND	ND	ND	ND	ND	--	--	--
Extractable Total Petroleum Hydrocarbons - mg/kg											
CTDEP-Approved Method	ND	ND	ND	ND	ND	ND	140	ND	500	2,500	500
Polychlorinated Biphenyls - ug/kg											
Method 8082	ND	ND	ND	ND	ND	ND	ND	ND	1,000	10,000	--
Pesticides - ug/kg											
Method 8081	ND	ND	ND	ND	ND	ND	ND	ND	--	--	--
Herbicides - ug/kg											
Method 8151	ND	ND	ND	ND	ND	ND	ND	ND	--	--	--
Total RCRA 8 Metals- mg/kg											
Methods 6000/7000								ND			
Barium	25.5	25.8	16.1	22.5	12.6	91.7	45.8		4,700	140,000	--
Chromium	5.72	1.74	3.56	1.9	3.02	11.5	10.6		NE	NE	--
Lead	0.45				0.43	8.63	2.3		400	1,000	--
Mercury							0.09		20	610	--
SPLP RCRA 8 Metals - mg/l											
Methods 1312 & 6000/7000	ND		ND	ND	ND		ND				
Barium		0.033				0.106		0.05	--	--	1
Chromium						0.01			--	--	0.05
Lead						0.023			--	--	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
NE - RSR Criterion Not Established

APPENDIX A
SOIL BORING LOGS

TRC
Results you can rely on
21 Griffn Road North
Windsor, CT 06095
Telephone: 860-298-9692
Fax: 860-298-6399

BORING NUMBER: **GP-1**

PROJECT INFORMATION		BORING INFORMATION			
Project Name:	**Clinton Shoreline East Station**	Boring Depth:	**8**	Hole Diameter:	
Project Location:	**Clinton, CT**	Date Started:	**5/20/11**	Date Completed:	**5/20/11**
Project Number:	**107307.003550.000210**	Coordinate System:			
Client:	**ConnDOT**	North:	**Not Surveyed**	East:	**Not Surveyed**
TRC Eng./Geol:	**Christopher Lindahl**	Ground Elevation:	**Not Surveyed**		
Checked By:	**Kate Sheffield**				

DRILLING INFORMATION	
Drilling Contractor:	**Berkshire Environmental**
Driller(s):	**Lee**
Drilling Method:	**Geoprobe**
Equipment/Model:	**Truck-mounted Geoprobe**
Sampler:	**4' Macrocore**

GROUND WATER OBSERVATIONS			
MEASUREMENT	At Time of Drilling	At End of Drilling	After Drilling
DATE			
DEPTH (ft.bgs.)			
REFERENCE			
STABILIZATION			

DEPTH (FT.)	SAMPLE NUMBER	SAMPLE TYPE	PENETRATION (FT.)	RECOVERY (FT.)	LITHOLOGY	MATERIAL DESCRIPTION	VOC SCREENING RESULTS (ppm) (20 40 60 80)
						Asphalt.	
1						Tan F-M SAND, little silt, trace f-gravel, dry, no odor, no stain.	
2	GB		4.0	2.9			
3							
4							
5						Tan F-M SAND, trace silt, trace c-sand, dry, no odor, no stain.	
6	GB		4.0	4.0			
7							
8							
9						Bottom of borehole at 8.0 feet.	
10							
11							
12							
13							
14							
15							

SOIL BORING / WELL COMPLETION - TRC-STD US.GDT - 6/1/11 14:29 - C:\PROGRAM FILES\GINT\PROJECTS\CLINTON 210 BORING LOGS.GPJ

TRC
Results you can rely on
21 Griffn Road North
Windsor, CT 06095
Telephone: 860-298-9692
Fax: 860-298-6399

BORING NUMBER: **GP-2**

PROJECT INFORMATION		BORING INFORMATION			
Project Name:	**Clinton Shoreline East Station**	Boring Depth:	**8**	Hole Diameter:	
Project Location:	**Clinton, CT**	Date Started:	**5/20/11**	Date Completed:	**5/20/11**
Project Number:	**107307.003550.000210**	Coordinate System:			
Client:	**ConnDOT**	North:	**Not Surveyed**	East:	**Not Surveyed**
TRC Eng./Geol:	**Christopher Lindahl**	Ground Elevation:	**Not Surveyed**		
Checked By:	**Kate Sheffield**				

DRILLING INFORMATION		GROUND WATER OBSERVATIONS			
Drilling Contractor:	**Berkshire Environmental**	MEASUREMENT	At Time of Drilling	At End of Drilling	After Drilling
Driller(s):	**Lee**	DATE			
Drilling Method:	**Geoprobe**	DEPTH (ft.bgs.)			
Equipment/Model:	**Truck-mounted Geoprobe**	REFERENCE			
Sampler:	**4' Macrocore**	STABILIZATION			

DEPTH (FT.)	SAMPLE NUMBER	SAMPLE TYPE	PENETRATION (FT.)	RECOVERY (FT.)	LITHOLOGY	MATERIAL DESCRIPTION	VOC SCREENING RESULTS (ppm)
						Asphalt.	
1						Tan F-M SAND, little silt, trace f-gravel, dry, no odor, no stain.	
2	GB		4.0	2.9			
						Medium brown SILT, some f-sand, trace f-gravel, dry, no odor, no stain.	
3							
4							
						Tan F-M SAND, little c-sand, trace f-gravel, dry, no odor, no stain.	
5							
6	GB		4.0	2.7			
7							
8							
9						Bottom of borehole at 8.0 feet.	
10							
11							
12							
13							
14							
15							

TRC
Results you can rely on
21 Griffn Road North
Windsor, CT 06095
Telephone: 860-298-9692
Fax: 860-298-6399

BORING NUMBER: **GP-3**

PROJECT INFORMATION		BORING INFORMATION			
Project Name:	**Clinton Shoreline East Station**	Boring Depth:	**8**	Hole Diameter:	
Project Location:	**Clinton, CT**	Date Started:	**5/20/11**	Date Completed:	**5/20/11**
Project Number:	**107307.003550.000210**	Coordinate System:			
Client:	**ConnDOT**	North:	**Not Surveyed**	East:	**Not Surveyed**
TRC Eng./Geol:	**Christopher Lindahl**	Ground Elevation:	**Not Surveyed**		
Checked By:	**Kate Sheffield**				

DRILLING INFORMATION	
Drilling Contractor:	**Berkshire Environmental**
Driller(s):	**Lee**
Drilling Method:	**Geoprobe**
Equipment/Model:	**Truck-mounted Geoprobe**
Sampler:	**4' Macrocore**

GROUND WATER OBSERVATIONS			
MEASUREMENT	At Time of Drilling	At End of Drilling	After Drilling
DATE			
DEPTH (ft.bgs.)			
REFERENCE			
STABILIZATION			

DEPTH (FT.)	SAMPLE NUMBER	SAMPLE TYPE	PENETRATION (FT.)	RECOVERY (FT.)	LITHOLOGY	MATERIAL DESCRIPTION	VOC SCREENING RESULTS (ppm) (20 40 60 80)
						Asphalt.	
1						Tan F-M SAND, little c-sand, trace silt, dry, no odor, no stain.	
2	GB		4.0	3.4			
3						Medium brown SILT, trace f-sand, dry, no odor, no stain.	
4							
						Fall in.	
5						Dark Brown SILT, damp, no odor, no stain.	
6	GB		4.0	3.4			
7						Medium brown SILT, some f-sand, trace f-gravel, damp, no odor, no stain.	
8							
9						Bottom of borehole at 8.0 feet.	
10							
11							
12							
13							
14							
15							

SOIL BORING / WELL COMPLETION - TRC-STD US.GDT - 6/1/11 14:30 - C:\PROGRAM FILES\GINT\PROJECTS\CLINTON 210 BORING LOGS.GPJ

APPENDIX B
LABORATORY ANALYTICAL REPORT

PHOENIX
Environmental Laboratories, Inc.

Friday, May 27, 2011

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

Project ID: CLINTON RR STATION
Sample ID#s: BA33511 - BA33518

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
Laboratory Director

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

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

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

May 27, 2011

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		05/20/11	9:00
Location Code:	TRC-NONDAS | GP-1	Received by:	LB	05/20/11	13:29
Rush Request:	RUSH##	Analyzed by:	see "By" below		
P.O.#:	33626				

Laboratory Data

SDG ID: GBA33511
Phoenix ID: BA33511

Project ID: CLINTON RR STATION

Client ID: GP-1 (4-6)

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.37	0.37	mg/Kg	05/23/11		LK	6010/200.7
Arsenic	< 0.73	0.73	mg/Kg	05/21/11		LK	6010/200.7
Barium	25.5	0.37	mg/Kg	05/23/11		LK	6010/200.7
Cadmium	< 0.37	0.37	mg/Kg	05/21/11		LK	6010/200.7
Chromium	5.72	0.37	mg/Kg	05/21/11		LK	6010/200.7
Mercury	< 0.07	0.07	mg/Kg	05/23/11		RS	SW-7471
Lead	0.45	0.37	mg/Kg	05/21/11		LK	6010/200.7
Selenium	< 1.5	1.5	mg/Kg	05/21/11		LK	6010/200.7
SPLP Silver	< 0.010	0.010	mg/L	05/23/11		LK	E1312/SW6010
SPLP Arsenic	< 0.004	0.004	mg/L	05/23/11		LK	E1312/SW6010
SPLP Barium	< 0.010	0.010	mg/L	05/23/11		LK	E1312/SW6010
SPLP Cadmium	< 0.005	0.005	mg/L	05/23/11		LK	E1312/SW6010
SPLP Chromium	< 0.010	0.010	mg/L	05/23/11		LK	E1312/SW6010
SPLP Mercury	< 0.0004	0.0004	mg/L	05/23/11		RS	1312/SW7471
SPLP Lead	< 0.010	0.010	mg/L	05/23/11		LK	E1312/SW6010
SPLP Selenium	< 0.020	0.020	mg/L	05/23/11		LK	E1312/SW6010
Percent Solid	95		%	05/20/11		JL	E160.3
Soil Extraction for PCB	Completed			05/20/11		RB	SW3545
Soil Extraction for Pesticide	Completed			05/20/11		RB/R	SW3545
Soil Extraction for SVOA	Completed			05/20/11		RB/F	SW3545
Extraction of CT ETPH	Completed			05/20/11		NS/F	3545
Mercury Digestion	Completed			05/23/11			SW7471
Soil Extraction for Herbicide	Completed			05/20/11		J/D	SW8151
SPLP Digestion Mercury	Completed			05/23/11			E1312/SW7470
SPLP Extraction for Metals	Completed			05/20/11		X	EPA 1312
Total Metals Digest	Completed			05/20/11		AG/R	SW846 - 3050
SPLP Metals Digestion	Completed			05/23/11			SW846-3005
Field Extraction	Completed			05/20/11		TRC	SW5035

Project ID: CLINTON RR STATION
Client ID: GP-1 (4-6)

Phoenix I.D.: BA33511

Parameter	Result	RL	Units	Date	Time	By	Reference
Chlorinated Herbicides							
2,4,5-T	ND	44	ug/Kg	05/23/11		JRB	SW8151
2,4,5-TP (Silvex)	ND	44	ug/Kg	05/23/11		JRB	SW8151
2,4-D	ND	44	ug/Kg	05/23/11		JRB	SW8151
2,4-DB	ND	440	ug/Kg	05/23/11		JRB	SW8151
Dalapon	ND	44	ug/Kg	05/23/11		JRB	SW8151
Dicamba	ND	88	ug/Kg	05/23/11		JRB	SW8151
Dichloroprop	ND	44	ug/Kg	05/23/11		JRB	SW8151
Dinoseb	ND	88	ug/Kg	05/23/11		JRB	SW8151
QA/QC Surrogates							
% DCAA	90		%	05/23/11		JRB	SW8151
Volatiles							
1,1,1,2-Tetrachloroethane	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
1,1,1-Trichloroethane	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	2.4	ug/Kg	05/21/11		R/J	SW8260
1,1,2-Trichloroethane	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
1,1-Dichloroethane	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
1,1-Dichloroethene	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
1,1-Dichloropropene	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
1,2,3-Trichlorobenzene	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
1,2,3-Trichloropropane	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
1,2,4-Trichlorobenzene	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
1,2,4-Trimethylbenzene	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
1,2-Dichlorobenzene	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
1,2-Dichloroethane	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
1,2-Dichloropropane	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
1,3,5-Trimethylbenzene	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
1,3-Dichlorobenzene	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
1,3-Dichloropropane	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
1,4-Dichlorobenzene	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
2,2-Dichloropropane	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
2-Chlorotoluene	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
2-Hexanone	ND	20	ug/Kg	05/21/11		R/J	SW8260
2-Isopropyltoluene	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
4-Chlorotoluene	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
4-Methyl-2-pentanone	ND	20	ug/Kg	05/21/11		R/J	SW8260
Acetone	ND	81	ug/Kg	05/21/11		R/J	SW8260
Acrylonitrile	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
Benzene	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
Bromobenzene	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
Bromochloromethane	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
Bromodichloromethane	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
Bromoform	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
Bromomethane	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
Carbon Disulfide	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
Carbon tetrachloride	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
Chlorobenzene	ND	4.1	ug/Kg	05/21/11		R/J	SW8260

Project ID: CLINTON RR STATION
Client ID: GP-1 (4-6)

Phoenix I.D.: BA33511

Parameter	Result	RL	Units	Date	Time	By	Reference
Chloroethane	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
Chloroform	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
Chloromethane	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
cis-1,2-Dichloroethene	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
cis-1,3-Dichloropropene	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
Dibromochloromethane	ND	2.4	ug/Kg	05/21/11		R/J	SW8260
Dibromoethane	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
Dibromomethane	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
Dichlorodifluoromethane	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
Ethylbenzene	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
Hexachlorobutadiene	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
Isopropylbenzene	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
m&p-Xylene	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
Methyl Ethyl Ketone	ND	24	ug/Kg	05/21/11		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	8.1	ug/Kg	05/21/11		R/J	SW8260
Methylene chloride	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
Naphthalene	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
n-Butylbenzene	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
n-Propylbenzene	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
o-Xylene	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
p-Isopropyltoluene	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
sec-Butylbenzene	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
Styrene	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
tert-Butylbenzene	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
Tetrachloroethene	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
Tetrahydrofuran (THF)	ND	8.1	ug/Kg	05/21/11		R/J	SW8260
Toluene	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
Total Xylenes	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
trans-1,2-Dichloroethene	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
trans-1,3-Dichloropropene	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	8.1	ug/Kg	05/21/11		R/J	SW8260
Trichloroethene	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
Trichlorofluoromethane	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
Trichlorotrifluoroethane	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
Vinyl chloride	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	102		%	05/21/11		R/J	SW8260
% Bromofluorobenzene	100		%	05/21/11		R/J	SW8260
% Dibromofluoromethane	102		%	05/21/11		R/J	SW8260
% Toluene-d8	103		%	05/21/11		R/J	SW8260
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	240	ug/Kg	05/22/11		KCA	SW 8270
1,2,4-Trichlorobenzene	ND	240	ug/Kg	05/22/11		KCA	SW 8270
1,2-Dichlorobenzene	ND	240	ug/Kg	05/22/11		KCA	SW 8270
1,3-Dichlorobenzene	ND	240	ug/Kg	05/22/11		KCA	SW 8270
1,4-Dichlorobenzene	ND	240	ug/Kg	05/22/11		KCA	SW 8270
2,4,5-Trichlorophenol	ND	240	ug/Kg	05/22/11		KCA	SW 8270
2,4,6-Trichlorophenol	ND	240	ug/Kg	05/22/11		KCA	SW 8270
2,4-Dichlorophenol	ND	240	ug/Kg	05/22/11		KCA	SW 8270

Project ID: CLINTON RR STATION
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Phoenix I.D.: BA33511

Parameter	Result	RL	Units	Date	Time	By	Reference
2,4-Dimethylphenol	ND	240	ug/Kg	05/22/11		KCA	SW 8270
2,4-Dinitrophenol	ND	550	ug/Kg	05/22/11		KCA	SW 8270
2,4-Dinitrotoluene	ND	240	ug/Kg	05/22/11		KCA	SW 8270
2,6-Dinitrotoluene	ND	240	ug/Kg	05/22/11		KCA	SW 8270
2-Chloronaphthalene	ND	240	ug/Kg	05/22/11		KCA	SW 8270
2-Chlorophenol	ND	240	ug/Kg	05/22/11		KCA	SW 8270
2-Methylnaphthalene	ND	240	ug/Kg	05/22/11		KCA	SW 8270
2-Methylphenol (o-cresol)	ND	240	ug/Kg	05/22/11		KCA	SW 8270
2-Nitroaniline	ND	550	ug/Kg	05/22/11		KCA	SW 8270
2-Nitrophenol	ND	240	ug/Kg	05/22/11		KCA	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	340	ug/Kg	05/22/11		KCA	SW 8270
3,3'-Dichlorobenzidine	ND	330J	ug/Kg	05/22/11		KCA	SW 8270
3-Nitroaniline	ND	550	ug/Kg	05/22/11		KCA	SW 8270
4,6-Dinitro-2-methylphenol	ND	990	ug/Kg	05/22/11		KCA	SW 8270
4-Bromophenyl phenyl ether	ND	340	ug/Kg	05/22/11		KCA	SW 8270
4-Chloro-3-methylphenol	ND	240	ug/Kg	05/22/11		KCA	SW 8270
4-Chloroaniline	ND	240	ug/Kg	05/22/11		KCA	SW 8270
4-Chlorophenyl phenyl ether	ND	240	ug/Kg	05/22/11		KCA	SW 8270
4-Nitroaniline	ND	550	ug/Kg	05/22/11		KCA	SW 8270
4-Nitrophenol	ND	990	ug/Kg	05/22/11		KCA	SW 8270
Acenaphthene	ND	240	ug/Kg	05/22/11		KCA	SW 8270
Acenaphthylene	ND	240	ug/Kg	05/22/11		KCA	SW 8270
Acetophenone	ND	240	ug/Kg	05/22/11		KCA	SW 8270
Aniline	ND	990	ug/Kg	05/22/11		KCA	SW 8270
Anthracene	ND	240	ug/Kg	05/22/11		KCA	SW 8270
Azobenzene	ND	340	ug/Kg	05/22/11		KCA	SW 8270
Benz(a)anthracene	ND	240	ug/Kg	05/22/11		KCA	SW 8270
Benzidine	ND	410	ug/Kg	05/22/11		KCA	SW 8270
Benzo(a)pyrene	ND	240	ug/Kg	05/22/11		KCA	SW 8270
Benzo(b)fluoranthene	ND	240	ug/Kg	05/22/11		KCA	SW 8270
Benzo(ghi)perylene	ND	240	ug/Kg	05/22/11		KCA	SW 8270
Benzo(k)fluoranthene	ND	240	ug/Kg	05/22/11		KCA	SW 8270
Benzoic acid	ND	990	ug/Kg	05/22/11		KCA	SW 8270
Benzyl butyl phthalate	ND	240	ug/Kg	05/22/11		KCA	SW 8270
Bis(2-chloroethoxy)methane	ND	240	ug/Kg	05/22/11		KCA	SW 8270
Bis(2-chloroethyl)ether	ND	340	ug/Kg	05/22/11		KCA	SW 8270
Bis(2-chloroisopropyl)ether	ND	240	ug/Kg	05/22/11		KCA	SW 8270
Bis(2-ethylhexyl)phthalate	ND	240	ug/Kg	05/22/11		KCA	SW 8270
Carbazole	ND	510	ug/Kg	05/22/11		KCA	SW 8270
Chrysene	ND	240	ug/Kg	05/22/11		KCA	SW 8270
Dibenz(a,h)anthracene	ND	240	ug/Kg	05/22/11		KCA	SW 8270
Dibenzofuran	ND	240	ug/Kg	05/22/11		KCA	SW 8270
Diethyl phthalate	ND	240	ug/Kg	05/22/11		KCA	SW 8270
Dimethylphthalate	ND	240	ug/Kg	05/22/11		KCA	SW 8270
Di-n-butylphthalate	ND	240	ug/Kg	05/22/11		KCA	SW 8270
Di-n-octylphthalate	ND	240	ug/Kg	05/22/11		KCA	SW 8270
Fluoranthene	ND	240	ug/Kg	05/22/11		KCA	SW 8270
Fluorene	ND	240	ug/Kg	05/22/11		KCA	SW 8270
Hexachlorobenzene	ND	240	ug/Kg	05/22/11		KCA	SW 8270
Hexachlorobutadiene	ND	240	ug/Kg	05/22/11		KCA	SW 8270

Project ID: CLINTON RR STATION
Client ID: GP-1 (4-6)

Phoenix I.D.: BA33511

Parameter	Result	RL	Units	Date	Time	By	Reference
Hexachlorocyclopentadiene	ND	240	ug/Kg	05/22/11		KCA	SW 8270
Hexachloroethane	ND	240	ug/Kg	05/22/11		KCA	SW 8270
Indeno(1,2,3-cd)pyrene	ND	240	ug/Kg	05/22/11		KCA	SW 8270
Isophorone	ND	240	ug/Kg	05/22/11		KCA	SW 8270
Naphthalene	ND	240	ug/Kg	05/22/11		KCA	SW 8270
Nitrobenzene	ND	240	ug/Kg	05/22/11		KCA	SW 8270
N-Nitrosodimethylamine	ND	340	ug/Kg	05/22/11		KCA	SW 8270
N-Nitrosodi-n-propylamine	ND	240	ug/Kg	05/22/11		KCA	SW 8270
N-Nitrosodiphenylamine	ND	340	ug/Kg	05/22/11		KCA	SW 8270
Pentachloronitrobenzene	ND	340	ug/Kg	05/22/11		KCA	SW 8270
Pentachlorophenol	ND	340	ug/Kg	05/22/11		KCA	SW 8270
Phenanthrene	ND	240	ug/Kg	05/22/11		KCA	SW 8270
Phenol	ND	240	ug/Kg	05/22/11		KCA	SW 8270
Pyrene	ND	240	ug/Kg	05/22/11		KCA	SW 8270
Pyridine	ND	340	ug/Kg	05/22/11		KCA	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	108		%	05/22/11		KCA	SW 8270
% 2-Fluorobiphenyl	84		%	05/22/11		KCA	SW 8270
% 2-Fluorophenol	66		%	05/22/11		KCA	SW 8270
% Nitrobenzene-d5	77		%	05/22/11		KCA	SW 8270
% Phenol-d5	91		%	05/22/11		KCA	SW 8270
% Terphenyl-d14	81		%	05/22/11		KCA	SW 8270
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	10	mg/Kg	05/23/11		JRB	CT ETPH/8015
Identification	ND		mg/Kg	05/23/11		JRB	CT ETPH/8015
QA/QC Surrogates							
% n-Pentacosane	80		%	05/23/11		JRB	CT ETPH/8015
Polychlorinated Biphenyls							
PCB-1016	ND	340	ug/Kg	05/23/11		MH	SW 8082
PCB-1221	ND	340	ug/Kg	05/23/11		MH	SW 8082
PCB-1232	ND	340	ug/Kg	05/23/11		MH	SW 8082
PCB-1242	ND	340	ug/Kg	05/23/11		MH	SW 8082
PCB-1248	ND	340	ug/Kg	05/23/11		MH	SW 8082
PCB-1254	ND	340	ug/Kg	05/23/11		MH	SW 8082
PCB-1260	ND	340	ug/Kg	05/23/11		MH	SW 8082
PCB-1262	ND	340	ug/Kg	05/23/11		MH	SW 8082
PCB-1268	ND	340	ug/Kg	05/23/11		MH	SW 8082
QA/QC Surrogates							
% DCBP	94		%	05/23/11		MH	SW 8082
% TCMX	93		%	05/23/11		MH	SW 8082
Pesticides							
4,4' -DDD	ND	33	ug/Kg	05/23/11		MR	SW8081
4,4' -DDE	ND	33	ug/Kg	05/23/11		MR	SW8081
4,4' -DDT	ND	33	ug/Kg	05/23/11		MR	SW8081
a-BHC	ND	16	ug/Kg	05/23/11		MR	SW8081
Alachlor	ND	16	ug/Kg	05/23/11		MR	SW8081
Aldrin	ND	5.1	ug/Kg	05/23/11		MR	SW8081

Project ID: CLINTON RR STATION
Client ID: GP-1 (4-6)

Phoenix I.D.: BA33511

Parameter	Result	RL	Units	Date	Time	By	Reference
b-BHC	ND	16	ug/Kg	05/23/11		MR	SW8081
Chlordane	ND	51	ug/Kg	05/23/11		MR	SW8081
d-BHC	ND	16	ug/Kg	05/23/11		MR	SW8081
Dieldrin	ND	5.1	ug/Kg	05/23/11		MR	SW8081
Endosulfan I	ND	16	ug/Kg	05/23/11		MR	SW8081
Endosulfan II	ND	33	ug/Kg	05/23/11		MR	SW8081
Endosulfan sulfate	ND	33	ug/Kg	05/23/11		MR	SW8081
Endrin	ND	33	ug/Kg	05/23/11		MR	SW8081
Endrin aldehyde	ND	33	ug/Kg	05/23/11		MR	SW8081
Endrin ketone	ND	33	ug/Kg	05/23/11		MR	SW8081
g-BHC	ND	5.1	ug/Kg	05/23/11		MR	SW8081
Heptachlor	ND	10	ug/Kg	05/23/11		MR	SW8081
Heptachlor epoxide	ND	16	ug/Kg	05/23/11		MR	SW8081
Methoxychlor	ND	160	ug/Kg	05/23/11		MR	SW8081
Toxaphene	ND	160	ug/Kg	05/23/11		MR	SW8081
QA/QC Surrogates							
% DCBP	102		%	05/23/11		MR	SW8081
% TCMX	78		%	05/23/11		MR	SW8081

Comments:

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

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

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Phyllis Shiller, Laboratory Director
May 31, 2011

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

May 27, 2011

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		05/20/11	9:05
Location Code:	TRC-NONDAS | GP-1	Received by:	LB	05/20/11	13:29
Rush Request:	RUSH##	Analyzed by:	see "By" below		
P.O.#:	33626				

Laboratory Data

SDG ID: GBA33511
Phoenix ID: BA33512

Project ID: CLINTON RR STATION

Client ID: GP-1 (6-8)

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.34	0.34	mg/Kg	05/23/11		LK	6010/200.7
Arsenic	< 0.69	0.69	mg/Kg	05/21/11		LK	6010/200.7
Barium	25.8	0.34	mg/Kg	05/23/11		LK	6010/200.7
Cadmium	< 0.34	0.34	mg/Kg	05/21/11		LK	6010/200.7
Chromium	1.74	0.34	mg/Kg	05/21/11		LK	6010/200.7
Mercury	< 0.06	0.06	mg/Kg	05/23/11		RS	SW-7471
Lead	< 0.34	0.34	mg/Kg	05/21/11		LK	6010/200.7
Selenium	< 1.4	1.4	mg/Kg	05/21/11		LK	6010/200.7
SPLP Silver	< 0.010	0.010	mg/L	05/23/11		LK	E1312/SW6010
SPLP Arsenic	< 0.004	0.004	mg/L	05/23/11		LK	E1312/SW6010
SPLP Barium	0.033	0.010	mg/L	05/23/11		LK	E1312/SW6010
SPLP Cadmium	< 0.005	0.005	mg/L	05/23/11		LK	E1312/SW6010
SPLP Chromium	< 0.010	0.010	mg/L	05/23/11		LK	E1312/SW6010
SPLP Mercury	< 0.0004	0.0004	mg/L	05/23/11		RS	1312/SW7471
SPLP Lead	< 0.010	0.010	mg/L	05/23/11		LK	E1312/SW6010
SPLP Selenium	< 0.020	0.020	mg/L	05/23/11		LK	E1312/SW6010
Percent Solid	98		%	05/20/11		JL	E160.3
Soil Extraction for PCB	Completed			05/20/11		RB	SW3545
Soil Extraction for Pesticide	Completed			05/20/11		RB/R	SW3545
Soil Extraction for SVOA	Completed			05/20/11		RB/F	SW3545
Extraction of CT ETPH	Completed			05/20/11		NS/F	3545
Mercury Digestion	Completed			05/23/11			SW7471
Soil Extraction for Herbicide	Completed			05/20/11		J/D	SW8151
SPLP Digestion Mercury	Completed			05/23/11			E1312/SW7470
SPLP Extraction for Metals	Completed			05/20/11		X	EPA 1312
Total Metals Digest	Completed			05/20/11		AG/R	SW846 - 3050
SPLP Metals Digestion	Completed			05/23/11			SW846-3005
Field Extraction	Completed			05/20/11		TRC	SW5035

Project ID: CLINTON RR STATION
Client ID: GP-1 (6-8)

Phoenix I.D.: BA33512

Parameter	Result	RL	Units	Date	Time	By	Reference
Chlorinated Herbicides							
2,4,5-T	ND	42	ug/Kg	05/23/11		JRB	SW8151
2,4,5-TP (Silvex)	ND	42	ug/Kg	05/23/11		JRB	SW8151
2,4-D	ND	42	ug/Kg	05/23/11		JRB	SW8151
2,4-DB	ND	420	ug/Kg	05/23/11		JRB	SW8151
Dalapon	ND	42	ug/Kg	05/23/11		JRB	SW8151
Dicamba	ND	85	ug/Kg	05/23/11		JRB	SW8151
Dichloroprop	ND	42	ug/Kg	05/23/11		JRB	SW8151
Dinoseb	ND	85	ug/Kg	05/23/11		JRB	SW8151
QA/QC Surrogates							
% DCAA	92		%	05/23/11		JRB	SW8151
Volatiles							
1,1,1,2-Tetrachloroethane	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
1,1,1-Trichloroethane	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	2.4	ug/Kg	05/21/11		R/J	SW8260
1,1,2-Trichloroethane	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
1,1-Dichloroethane	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
1,1-Dichloroethene	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
1,1-Dichloropropene	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
1,2,3-Trichlorobenzene	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
1,2,3-Trichloropropane	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
1,2,4-Trichlorobenzene	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
1,2,4-Trimethylbenzene	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
1,2-Dichlorobenzene	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
1,2-Dichloroethane	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
1,2-Dichloropropane	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
1,3,5-Trimethylbenzene	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
1,3-Dichlorobenzene	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
1,3-Dichloropropane	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
1,4-Dichlorobenzene	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
2,2-Dichloropropane	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
2-Chlorotoluene	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
2-Hexanone	ND	20	ug/Kg	05/21/11		R/J	SW8260
2-Isopropyltoluene	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
4-Chlorotoluene	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
4-Methyl-2-pentanone	ND	20	ug/Kg	05/21/11		R/J	SW8260
Acetone	ND	80	ug/Kg	05/21/11		R/J	SW8260
Acrylonitrile	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
Benzene	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
Bromobenzene	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
Bromochloromethane	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
Bromodichloromethane	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
Bromoform	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
Bromomethane	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
Carbon Disulfide	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
Carbon tetrachloride	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
Chlorobenzene	ND	4.0	ug/Kg	05/21/11		R/J	SW8260

Project ID: CLINTON RR STATION
Client ID: GP-1 (6-8)

Phoenix I.D.: BA33512

Parameter	Result	RL	Units	Date	Time	By	Reference
Chloroethane	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
Chloroform	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
Chloromethane	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
cis-1,2-Dichloroethene	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
cis-1,3-Dichloropropene	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
Dibromochloromethane	ND	2.4	ug/Kg	05/21/11		R/J	SW8260
Dibromoethane	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
Dibromomethane	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
Dichlorodifluoromethane	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
Ethylbenzene	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
Hexachlorobutadiene	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
Isopropylbenzene	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
m&p-Xylene	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
Methyl Ethyl Ketone	ND	24	ug/Kg	05/21/11		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	8.0	ug/Kg	05/21/11		R/J	SW8260
Methylene chloride	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
Naphthalene	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
n-Butylbenzene	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
n-Propylbenzene	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
o-Xylene	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
p-Isopropyltoluene	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
sec-Butylbenzene	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
Styrene	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
tert-Butylbenzene	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
Tetrachloroethene	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
Tetrahydrofuran (THF)	ND	8.0	ug/Kg	05/21/11		R/J	SW8260
Toluene	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
Total Xylenes	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
trans-1,2-Dichloroethene	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
trans-1,3-Dichloropropene	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	8.0	ug/Kg	05/21/11		R/J	SW8260
Trichloroethene	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
Trichlorofluoromethane	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
Trichlorotrifluoroethane	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
Vinyl chloride	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	99		%	05/21/11		R/J	SW8260
% Bromofluorobenzene	98		%	05/21/11		R/J	SW8260
% Dibromofluoromethane	104		%	05/21/11		R/J	SW8260
% Toluene-d8	102		%	05/21/11		R/J	SW8260
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	240	ug/Kg	05/22/11		KCA	SW 8270
1,2,4-Trichlorobenzene	ND	240	ug/Kg	05/22/11		KCA	SW 8270
1,2-Dichlorobenzene	ND	240	ug/Kg	05/22/11		KCA	SW 8270
1,3-Dichlorobenzene	ND	240	ug/Kg	05/22/11		KCA	SW 8270
1,4-Dichlorobenzene	ND	240	ug/Kg	05/22/11		KCA	SW 8270
2,4,5-Trichlorophenol	ND	240	ug/Kg	05/22/11		KCA	SW 8270
2,4,6-Trichlorophenol	ND	240	ug/Kg	05/22/11		KCA	SW 8270
2,4-Dichlorophenol	ND	240	ug/Kg	05/22/11		KCA	SW 8270

Project ID: CLINTON RR STATION
Client ID: GP-1 (6-8)

Phoenix I.D.: BA33512

Parameter	Result	RL	Units	Date	Time	By	Reference
2,4-Dimethylphenol	ND	240	ug/Kg	05/22/11		KCA	SW 8270
2,4-Dinitrophenol	ND	540	ug/Kg	05/22/11		KCA	SW 8270
2,4-Dinitrotoluene	ND	240	ug/Kg	05/22/11		KCA	SW 8270
2,6-Dinitrotoluene	ND	240	ug/Kg	05/22/11		KCA	SW 8270
2-Chloronaphthalene	ND	240	ug/Kg	05/22/11		KCA	SW 8270
2-Chlorophenol	ND	240	ug/Kg	05/22/11		KCA	SW 8270
2-Methylnaphthalene	ND	240	ug/Kg	05/22/11		KCA	SW 8270
2-Methylphenol (o-cresol)	ND	240	ug/Kg	05/22/11		KCA	SW 8270
2-Nitroaniline	ND	540	ug/Kg	05/22/11		KCA	SW 8270
2-Nitrophenol	ND	240	ug/Kg	05/22/11		KCA	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	340	ug/Kg	05/22/11		KCA	SW 8270
3,3'-Dichlorobenzidine	ND	330J	ug/Kg	05/22/11		KCA	SW 8270
3-Nitroaniline	ND	540	ug/Kg	05/22/11		KCA	SW 8270
4,6-Dinitro-2-methylphenol	ND	980	ug/Kg	05/22/11		KCA	SW 8270
4-Bromophenyl phenyl ether	ND	340	ug/Kg	05/22/11		KCA	SW 8270
4-Chloro-3-methylphenol	ND	240	ug/Kg	05/22/11		KCA	SW 8270
4-Chloroaniline	ND	240	ug/Kg	05/22/11		KCA	SW 8270
4-Chlorophenyl phenyl ether	ND	240	ug/Kg	05/22/11		KCA	SW 8270
4-Nitroaniline	ND	540	ug/Kg	05/22/11		KCA	SW 8270
4-Nitrophenol	ND	980	ug/Kg	05/22/11		KCA	SW 8270
Acenaphthene	ND	240	ug/Kg	05/22/11		KCA	SW 8270
Acenaphthylene	ND	240	ug/Kg	05/22/11		KCA	SW 8270
Acetophenone	ND	240	ug/Kg	05/22/11		KCA	SW 8270
Aniline	ND	980	ug/Kg	05/22/11		KCA	SW 8270
Anthracene	ND	240	ug/Kg	05/22/11		KCA	SW 8270
Azobenzene	ND	340	ug/Kg	05/22/11		KCA	SW 8270
Benz(a)anthracene	ND	240	ug/Kg	05/22/11		KCA	SW 8270
Benzidine	ND	410	ug/Kg	05/22/11		KCA	SW 8270
Benzo(a)pyrene	ND	240	ug/Kg	05/22/11		KCA	SW 8270
Benzo(b)fluoranthene	ND	240	ug/Kg	05/22/11		KCA	SW 8270
Benzo(ghi)perylene	ND	240	ug/Kg	05/22/11		KCA	SW 8270
Benzo(k)fluoranthene	ND	240	ug/Kg	05/22/11		KCA	SW 8270
Benzoic acid	ND	980	ug/Kg	05/22/11		KCA	SW 8270
Benzyl butyl phthalate	ND	240	ug/Kg	05/22/11		KCA	SW 8270
Bis(2-chloroethoxy)methane	ND	240	ug/Kg	05/22/11		KCA	SW 8270
Bis(2-chloroethyl)ether	ND	340	ug/Kg	05/22/11		KCA	SW 8270
Bis(2-chloroisopropyl)ether	ND	240	ug/Kg	05/22/11		KCA	SW 8270
Bis(2-ethylhexyl)phthalate	ND	240	ug/Kg	05/22/11		KCA	SW 8270
Carbazole	ND	510	ug/Kg	05/22/11		KCA	SW 8270
Chrysene	ND	240	ug/Kg	05/22/11		KCA	SW 8270
Dibenz(a,h)anthracene	ND	240	ug/Kg	05/22/11		KCA	SW 8270
Dibenzofuran	ND	240	ug/Kg	05/22/11		KCA	SW 8270
Diethyl phthalate	ND	240	ug/Kg	05/22/11		KCA	SW 8270
Dimethylphthalate	ND	240	ug/Kg	05/22/11		KCA	SW 8270
Di-n-butylphthalate	ND	240	ug/Kg	05/22/11		KCA	SW 8270
Di-n-octylphthalate	ND	240	ug/Kg	05/22/11		KCA	SW 8270
Fluoranthene	ND	240	ug/Kg	05/22/11		KCA	SW 8270
Fluorene	ND	240	ug/Kg	05/22/11		KCA	SW 8270
Hexachlorobenzene	ND	240	ug/Kg	05/22/11		KCA	SW 8270
Hexachlorobutadiene	ND	240	ug/Kg	05/22/11		KCA	SW 8270

Parameter	Result	RL	Units	Date	Time	By	Reference
Hexachlorocyclopentadiene	ND	240	ug/Kg	05/22/11		KCA	SW 8270
Hexachloroethane	ND	240	ug/Kg	05/22/11		KCA	SW 8270
Indeno(1,2,3-cd)pyrene	ND	240	ug/Kg	05/22/11		KCA	SW 8270
Isophorone	ND	240	ug/Kg	05/22/11		KCA	SW 8270
Naphthalene	ND	240	ug/Kg	05/22/11		KCA	SW 8270
Nitrobenzene	ND	240	ug/Kg	05/22/11		KCA	SW 8270
N-Nitrosodimethylamine	ND	340	ug/Kg	05/22/11		KCA	SW 8270
N-Nitrosodi-n-propylamine	ND	240	ug/Kg	05/22/11		KCA	SW 8270
N-Nitrosodiphenylamine	ND	340	ug/Kg	05/22/11		KCA	SW 8270
Pentachloronitrobenzene	ND	340	ug/Kg	05/22/11		KCA	SW 8270
Pentachlorophenol	ND	340	ug/Kg	05/22/11		KCA	SW 8270
Phenanthrene	ND	240	ug/Kg	05/22/11		KCA	SW 8270
Phenol	ND	240	ug/Kg	05/22/11		KCA	SW 8270
Pyrene	ND	240	ug/Kg	05/22/11		KCA	SW 8270
Pyridine	ND	340	ug/Kg	05/22/11		KCA	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	83		%	05/22/11		KCA	SW 8270
% 2-Fluorobiphenyl	62		%	05/22/11		KCA	SW 8270
% 2-Fluorophenol	71		%	05/22/11		KCA	SW 8270
% Nitrobenzene-d5	58		%	05/22/11		KCA	SW 8270
% Phenol-d5	66		%	05/22/11		KCA	SW 8270
% Terphenyl-d14	60		%	05/22/11		KCA	SW 8270
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	9.9	mg/Kg	05/23/11		JRB	CT ETPH/8015
Identification	ND		mg/Kg	05/23/11		JRB	CT ETPH/8015
QA/QC Surrogates							
% n-Pentacosane	85		%	05/23/11		JRB	CT ETPH/8015
Polychlorinated Biphenyls							
PCB-1016	ND	340	ug/Kg	05/23/11		MH	SW 8082
PCB-1221	ND	340	ug/Kg	05/23/11		MH	SW 8082
PCB-1232	ND	340	ug/Kg	05/23/11		MH	SW 8082
PCB-1242	ND	340	ug/Kg	05/23/11		MH	SW 8082
PCB-1248	ND	340	ug/Kg	05/23/11		MH	SW 8082
PCB-1254	ND	340	ug/Kg	05/23/11		MH	SW 8082
PCB-1260	ND	340	ug/Kg	05/23/11		MH	SW 8082
PCB-1262	ND	340	ug/Kg	05/23/11		MH	SW 8082
PCB-1268	ND	340	ug/Kg	05/23/11		MH	SW 8082
QA/QC Surrogates							
% DCBP	104		%	05/23/11		MH	SW 8082
% TCMX	98		%	05/23/11		MH	SW 8082
Pesticides							
4,4' -DDD	ND	33	ug/Kg	05/23/11		MR	SW8081
4,4' -DDE	ND	33	ug/Kg	05/23/11		MR	SW8081
4,4' -DDT	ND	33	ug/Kg	05/23/11		MR	SW8081
a-BHC	ND	16	ug/Kg	05/23/11		MR	SW8081
Alachlor	ND	16	ug/Kg	05/23/11		MR	SW8081
Aldrin	ND	5.1	ug/Kg	05/23/11		MR	SW8081

Project ID: CLINTON RR STATION
Client ID: GP-1 (6-8)

Phoenix I.D.: BA33512

Parameter	Result	RL	Units	Date	Time	By	Reference
b-BHC	ND	16	ug/Kg	05/23/11		MR	SW8081
Chlordane	ND	51	ug/Kg	05/23/11		MR	SW8081
d-BHC	ND	16	ug/Kg	05/23/11		MR	SW8081
Dieldrin	ND	5.1	ug/Kg	05/23/11		MR	SW8081
Endosulfan I	ND	16	ug/Kg	05/23/11		MR	SW8081
Endosulfan II	ND	33	ug/Kg	05/23/11		MR	SW8081
Endosulfan sulfate	ND	33	ug/Kg	05/23/11		MR	SW8081
Endrin	ND	33	ug/Kg	05/23/11		MR	SW8081
Endrin aldehyde	ND	33	ug/Kg	05/23/11		MR	SW8081
Endrin ketone	ND	33	ug/Kg	05/23/11		MR	SW8081
g-BHC	ND	5.1	ug/Kg	05/23/11		MR	SW8081
Heptachlor	ND	10	ug/Kg	05/23/11		MR	SW8081
Heptachlor epoxide	ND	16	ug/Kg	05/23/11		MR	SW8081
Methoxychlor	ND	160	ug/Kg	05/23/11		MR	SW8081
Toxaphene	ND	160	ug/Kg	05/23/11		MR	SW8081
QA/QC Surrogates							
% DCBP	83		%	05/23/11		MR	SW8081
% TCMX	82		%	05/23/11		MR	SW8081

Comments:

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

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

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Phyllis Shiller, Laboratory Director
May 31, 2011

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

May 27, 2011

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		05/20/11	9:20
Location Code:	TRC-NONDAS | GP-2	Received by:	LB	05/20/11	13:29
Rush Request:	RUSH##	Analyzed by:	see "By" below		
P.O.#:	33626				

Laboratory Data

SDG ID: GBA33511
Phoenix ID: BA33513

Project ID: CLINTON RR STATION

Client ID: GP-2 (4-6)

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.34	0.34	mg/Kg	05/23/11		LK	6010/200.7
Arsenic	< 0.67	0.67	mg/Kg	05/21/11		LK	6010/200.7
Barium	16.1	0.34	mg/Kg	05/23/11		LK	6010/200.7
Cadmium	< 0.34	0.34	mg/Kg	05/21/11		LK	6010/200.7
Chromium	3.56	0.34	mg/Kg	05/21/11		LK	6010/200.7
Mercury	< 0.07	0.07	mg/Kg	05/23/11		RS	SW-7471
Lead	< 0.34	0.34	mg/Kg	05/21/11		LK	6010/200.7
Selenium	< 1.3	1.3	mg/Kg	05/21/11		LK	6010/200.7
SPLP Silver	< 0.010	0.010	mg/L	05/23/11		LK	E1312/SW6010
SPLP Arsenic	< 0.004	0.004	mg/L	05/23/11		LK	E1312/SW6010
SPLP Barium	< 0.010	0.010	mg/L	05/23/11		LK	E1312/SW6010
SPLP Cadmium	< 0.005	0.005	mg/L	05/23/11		LK	E1312/SW6010
SPLP Chromium	< 0.010	0.010	mg/L	05/23/11		LK	E1312/SW6010
SPLP Mercury	< 0.0004	0.0004	mg/L	05/23/11		RS	1312/SW7471
SPLP Lead	< 0.010	0.010	mg/L	05/23/11		LK	E1312/SW6010
SPLP Selenium	< 0.020	0.020	mg/L	05/23/11		LK	E1312/SW6010
Percent Solid	98		%	05/20/11		JL	E160.3
Soil Extraction for PCB	Completed			05/20/11		RB	SW3545
Soil Extraction for Pesticide	Completed			05/20/11		RB/R	SW3545
Soil Extraction for SVOA	Completed			05/20/11		RB/F	SW3545
Extraction of CT ETPH	Completed			05/20/11		NS/F	3545
Mercury Digestion	Completed			05/23/11			SW7471
Soil Extraction for Herbicide	Completed			05/20/11		J/D	SW8151
SPLP Digestion Mercury	Completed			05/23/11			E1312/SW7470
SPLP Extraction for Metals	Completed			05/20/11		X	EPA 1312
Total Metals Digest	Completed			05/20/11		AG/R	SW846 - 3050
SPLP Metals Digestion	Completed			05/23/11			SW846-3005
Field Extraction	Completed			05/20/11		TRC	SW5035

Project ID: CLINTON RR STATION
Client ID: GP-2 (4-6)

Phoenix I.D.: BA33513

Parameter	Result	RL	Units	Date	Time	By	Reference
Chlorinated Herbicides							
2,4,5-T	ND	42	ug/Kg	05/23/11		JRB	SW8151
2,4,5-TP (Silvex)	ND	42	ug/Kg	05/23/11		JRB	SW8151
2,4-D	ND	42	ug/Kg	05/23/11		JRB	SW8151
2,4-DB	ND	420	ug/Kg	05/23/11		JRB	SW8151
Dalapon	ND	42	ug/Kg	05/23/11		JRB	SW8151
Dicamba	ND	85	ug/Kg	05/23/11		JRB	SW8151
Dichloroprop	ND	42	ug/Kg	05/23/11		JRB	SW8151
Dinoseb	ND	85	ug/Kg	05/23/11		JRB	SW8151
QA/QC Surrogates							
% DCAA	94		%	05/23/11		JRB	SW8151
Volatiles							
1,1,1,2-Tetrachloroethane	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
1,1,1-Trichloroethane	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	2.4	ug/Kg	05/21/11		R/J	SW8260
1,1,2-Trichloroethane	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
1,1-Dichloroethane	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
1,1-Dichloroethene	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
1,1-Dichloropropene	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
1,2,3-Trichlorobenzene	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
1,2,3-Trichloropropane	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
1,2,4-Trichlorobenzene	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
1,2,4-Trimethylbenzene	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
1,2-Dichlorobenzene	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
1,2-Dichloroethane	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
1,2-Dichloropropane	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
1,3,5-Trimethylbenzene	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
1,3-Dichlorobenzene	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
1,3-Dichloropropane	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
1,4-Dichlorobenzene	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
2,2-Dichloropropane	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
2-Chlorotoluene	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
2-Hexanone	ND	20	ug/Kg	05/21/11		R/J	SW8260
2-Isopropyltoluene	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
4-Chlorotoluene	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
4-Methyl-2-pentanone	ND	20	ug/Kg	05/21/11		R/J	SW8260
Acetone	ND	82	ug/Kg	05/21/11		R/J	SW8260
Acrylonitrile	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
Benzene	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
Bromobenzene	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
Bromochloromethane	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
Bromodichloromethane	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
Bromoform	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
Bromomethane	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
Carbon Disulfide	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
Carbon tetrachloride	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
Chlorobenzene	ND	4.1	ug/Kg	05/21/11		R/J	SW8260

Project ID: CLINTON RR STATION
Client ID: GP-2 (4-6)

Phoenix I.D.: BA33513

Parameter	Result	RL	Units	Date	Time	By	Reference
Chloroethane	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
Chloroform	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
Chloromethane	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
cis-1,2-Dichloroethene	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
cis-1,3-Dichloropropene	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
Dibromochloromethane	ND	2.4	ug/Kg	05/21/11		R/J	SW8260
Dibromoethane	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
Dibromomethane	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
Dichlorodifluoromethane	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
Ethylbenzene	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
Hexachlorobutadiene	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
Isopropylbenzene	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
m&p-Xylene	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
Methyl Ethyl Ketone	ND	24	ug/Kg	05/21/11		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	8.2	ug/Kg	05/21/11		R/J	SW8260
Methylene chloride	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
Naphthalene	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
n-Butylbenzene	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
n-Propylbenzene	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
o-Xylene	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
p-Isopropyltoluene	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
sec-Butylbenzene	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
Styrene	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
tert-Butylbenzene	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
Tetrachloroethene	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
Tetrahydrofuran (THF)	ND	8.2	ug/Kg	05/21/11		R/J	SW8260
Toluene	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
Total Xylenes	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
trans-1,2-Dichloroethene	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
trans-1,3-Dichloropropene	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	8.2	ug/Kg	05/21/11		R/J	SW8260
Trichloroethene	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
Trichlorofluoromethane	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
Trichlorotrifluoroethane	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
Vinyl chloride	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	102		%	05/21/11		R/J	SW8260
% Bromofluorobenzene	94		%	05/21/11		R/J	SW8260
% Dibromofluoromethane	99		%	05/21/11		R/J	SW8260
% Toluene-d8	103		%	05/21/11		R/J	SW8260

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	240	ug/Kg	05/22/11		KCA	SW 8270
1,2,4-Trichlorobenzene	ND	240	ug/Kg	05/22/11		KCA	SW 8270
1,2-Dichlorobenzene	ND	240	ug/Kg	05/22/11		KCA	SW 8270
1,3-Dichlorobenzene	ND	240	ug/Kg	05/22/11		KCA	SW 8270
1,4-Dichlorobenzene	ND	240	ug/Kg	05/22/11		KCA	SW 8270
2,4,5-Trichlorophenol	ND	240	ug/Kg	05/22/11		KCA	SW 8270
2,4,6-Trichlorophenol	ND	240	ug/Kg	05/22/11		KCA	SW 8270
2,4-Dichlorophenol	ND	240	ug/Kg	05/22/11		KCA	SW 8270

Project ID: CLINTON RR STATION
Client ID: GP-2 (4-6)

Phoenix I.D.: BA33513

Parameter	Result	RL	Units	Date	Time	By	Reference
2,4-Dimethylphenol	ND	240	ug/Kg	05/22/11		KCA	SW 8270
2,4-Dinitrophenol	ND	540	ug/Kg	05/22/11		KCA	SW 8270
2,4-Dinitrotoluene	ND	240	ug/Kg	05/22/11		KCA	SW 8270
2,6-Dinitrotoluene	ND	240	ug/Kg	05/22/11		KCA	SW 8270
2-Chloronaphthalene	ND	240	ug/Kg	05/22/11		KCA	SW 8270
2-Chlorophenol	ND	240	ug/Kg	05/22/11		KCA	SW 8270
2-Methylnaphthalene	ND	240	ug/Kg	05/22/11		KCA	SW 8270
2-Methylphenol (o-cresol)	ND	240	ug/Kg	05/22/11		KCA	SW 8270
2-Nitroaniline	ND	540	ug/Kg	05/22/11		KCA	SW 8270
2-Nitrophenol	ND	240	ug/Kg	05/22/11		KCA	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	340	ug/Kg	05/22/11		KCA	SW 8270
3,3'-Dichlorobenzidine	ND	330J	ug/Kg	05/22/11		KCA	SW 8270
3-Nitroaniline	ND	540	ug/Kg	05/22/11		KCA	SW 8270
4,6-Dinitro-2-methylphenol	ND	980	ug/Kg	05/22/11		KCA	SW 8270
4-Bromophenyl phenyl ether	ND	340	ug/Kg	05/22/11		KCA	SW 8270
4-Chloro-3-methylphenol	ND	240	ug/Kg	05/22/11		KCA	SW 8270
4-Chloroaniline	ND	240	ug/Kg	05/22/11		KCA	SW 8270
4-Chlorophenyl phenyl ether	ND	240	ug/Kg	05/22/11		KCA	SW 8270
4-Nitroaniline	ND	540	ug/Kg	05/22/11		KCA	SW 8270
4-Nitrophenol	ND	980	ug/Kg	05/22/11		KCA	SW 8270
Acenaphthene	ND	240	ug/Kg	05/22/11		KCA	SW 8270
Acenaphthylene	ND	240	ug/Kg	05/22/11		KCA	SW 8270
Acetophenone	ND	240	ug/Kg	05/22/11		KCA	SW 8270
Aniline	ND	980	ug/Kg	05/22/11		KCA	SW 8270
Anthracene	ND	240	ug/Kg	05/22/11		KCA	SW 8270
Azobenzene	ND	340	ug/Kg	05/22/11		KCA	SW 8270
Benz(a)anthracene	ND	240	ug/Kg	05/22/11		KCA	SW 8270
Benzidine	ND	410	ug/Kg	05/22/11		KCA	SW 8270
Benzo(a)pyrene	ND	240	ug/Kg	05/22/11		KCA	SW 8270
Benzo(b)fluoranthene	ND	240	ug/Kg	05/22/11		KCA	SW 8270
Benzo(ghi)perylene	ND	240	ug/Kg	05/22/11		KCA	SW 8270
Benzo(k)fluoranthene	ND	240	ug/Kg	05/22/11		KCA	SW 8270
Benzoic acid	ND	980	ug/Kg	05/22/11		KCA	SW 8270
Benzyl butyl phthalate	ND	240	ug/Kg	05/22/11		KCA	SW 8270
Bis(2-chloroethoxy)methane	ND	240	ug/Kg	05/22/11		KCA	SW 8270
Bis(2-chloroethyl)ether	ND	340	ug/Kg	05/22/11		KCA	SW 8270
Bis(2-chloroisopropyl)ether	ND	240	ug/Kg	05/22/11		KCA	SW 8270
Bis(2-ethylhexyl)phthalate	ND	240	ug/Kg	05/22/11		KCA	SW 8270
Carbazole	ND	510	ug/Kg	05/22/11		KCA	SW 8270
Chrysene	ND	240	ug/Kg	05/22/11		KCA	SW 8270
Dibenz(a,h)anthracene	ND	240	ug/Kg	05/22/11		KCA	SW 8270
Dibenzofuran	ND	240	ug/Kg	05/22/11		KCA	SW 8270
Diethyl phthalate	ND	240	ug/Kg	05/22/11		KCA	SW 8270
Dimethylphthalate	ND	240	ug/Kg	05/22/11		KCA	SW 8270
Di-n-butylphthalate	ND	240	ug/Kg	05/22/11		KCA	SW 8270
Di-n-octylphthalate	ND	240	ug/Kg	05/22/11		KCA	SW 8270
Fluoranthene	ND	240	ug/Kg	05/22/11		KCA	SW 8270
Fluorene	ND	240	ug/Kg	05/22/11		KCA	SW 8270
Hexachlorobenzene	ND	240	ug/Kg	05/22/11		KCA	SW 8270
Hexachlorobutadiene	ND	240	ug/Kg	05/22/11		KCA	SW 8270

Parameter	Result	RL	Units	Date	Time	By	Reference
Hexachlorocyclopentadiene	ND	240	ug/Kg	05/22/11		KCA	SW 8270
Hexachloroethane	ND	240	ug/Kg	05/22/11		KCA	SW 8270
Indeno(1,2,3-cd)pyrene	ND	240	ug/Kg	05/22/11		KCA	SW 8270
Isophorone	ND	240	ug/Kg	05/22/11		KCA	SW 8270
Naphthalene	ND	240	ug/Kg	05/22/11		KCA	SW 8270
Nitrobenzene	ND	240	ug/Kg	05/22/11		KCA	SW 8270
N-Nitrosodimethylamine	ND	340	ug/Kg	05/22/11		KCA	SW 8270
N-Nitrosodi-n-propylamine	ND	240	ug/Kg	05/22/11		KCA	SW 8270
N-Nitrosodiphenylamine	ND	340	ug/Kg	05/22/11		KCA	SW 8270
Pentachloronitrobenzene	ND	340	ug/Kg	05/22/11		KCA	SW 8270
Pentachlorophenol	ND	340	ug/Kg	05/22/11		KCA	SW 8270
Phenanthrene	ND	240	ug/Kg	05/22/11		KCA	SW 8270
Phenol	ND	240	ug/Kg	05/22/11		KCA	SW 8270
Pyrene	ND	240	ug/Kg	05/22/11		KCA	SW 8270
Pyridine	ND	340	ug/Kg	05/22/11		KCA	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	108		%	05/22/11		KCA	SW 8270
% 2-Fluorobiphenyl	86		%	05/22/11		KCA	SW 8270
% 2-Fluorophenol	96		%	05/22/11		KCA	SW 8270
% Nitrobenzene-d5	77		%	05/22/11		KCA	SW 8270
% Phenol-d5	90		%	05/22/11		KCA	SW 8270
% Terphenyl-d14	86		%	05/22/11		KCA	SW 8270
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	10	mg/Kg	05/23/11		JRB	CT ETPH/8015
Identification	ND		mg/Kg	05/23/11		JRB	CT ETPH/8015
QA/QC Surrogates							
% n-Pentacosane	99		%	05/23/11		JRB	CT ETPH/8015
Polychlorinated Biphenyls							
PCB-1016	ND	330	ug/Kg	05/23/11		MH	SW 8082
PCB-1221	ND	330	ug/Kg	05/23/11		MH	SW 8082
PCB-1232	ND	330	ug/Kg	05/23/11		MH	SW 8082
PCB-1242	ND	330	ug/Kg	05/23/11		MH	SW 8082
PCB-1248	ND	330	ug/Kg	05/23/11		MH	SW 8082
PCB-1254	ND	330	ug/Kg	05/23/11		MH	SW 8082
PCB-1260	ND	330	ug/Kg	05/23/11		MH	SW 8082
PCB-1262	ND	330	ug/Kg	05/23/11		MH	SW 8082
PCB-1268	ND	330	ug/Kg	05/23/11		MH	SW 8082
QA/QC Surrogates							
% DCBP	98		%	05/23/11		MH	SW 8082
% TCMX	93		%	05/23/11		MH	SW 8082
Pesticides							
4,4' -DDD	ND	32	ug/Kg	05/23/11		MR	SW8081
4,4' -DDE	ND	32	ug/Kg	05/23/11		MR	SW8081
4,4' -DDT	ND	32	ug/Kg	05/23/11		MR	SW8081
a-BHC	ND	16	ug/Kg	05/23/11		MR	SW8081
Alachlor	ND	16	ug/Kg	05/23/11		MR	SW8081
Aldrin	ND	5.0	ug/Kg	05/23/11		MR	SW8081

Project ID: CLINTON RR STATION
Client ID: GP-2 (4-6)

Phoenix I.D.: BA33513

Parameter	Result	RL	Units	Date	Time	By	Reference
b-BHC	ND	16	ug/Kg	05/23/11		MR	SW8081
Chlordane	ND	50	ug/Kg	05/23/11		MR	SW8081
d-BHC	ND	16	ug/Kg	05/23/11		MR	SW8081
Dieldrin	ND	5.0	ug/Kg	05/23/11		MR	SW8081
Endosulfan I	ND	16	ug/Kg	05/23/11		MR	SW8081
Endosulfan II	ND	32	ug/Kg	05/23/11		MR	SW8081
Endosulfan sulfate	ND	32	ug/Kg	05/23/11		MR	SW8081
Endrin	ND	32	ug/Kg	05/23/11		MR	SW8081
Endrin aldehyde	ND	32	ug/Kg	05/23/11		MR	SW8081
Endrin ketone	ND	32	ug/Kg	05/23/11		MR	SW8081
g-BHC	ND	5.0	ug/Kg	05/23/11		MR	SW8081
Heptachlor	ND	10	ug/Kg	05/23/11		MR	SW8081
Heptachlor epoxide	ND	16	ug/Kg	05/23/11		MR	SW8081
Methoxychlor	ND	160	ug/Kg	05/23/11		MR	SW8081
Toxaphene	ND	160	ug/Kg	05/23/11		MR	SW8081
QA/QC Surrogates							
% DCBP	79		%	05/23/11		MR	SW8081
% TCMX	79		%	05/23/11		MR	SW8081

Comments:

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

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

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Phyllis Shiller, Laboratory Director
May 31, 2011

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

May 27, 2011

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		05/20/11	9:25
Location Code:	TRC-NONDAS | GP-2	Received by:	LB	05/20/11	13:29
Rush Request:	RUSH##	Analyzed by:	see "By" below		
P.O.#:	33626				

Laboratory Data

SDG ID: GBA33511
Phoenix ID: BA33514

Project ID: CLINTON RR STATION

Client ID: GP-2 (6-7)

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.35	0.35	mg/Kg	05/23/11		LK	6010/200.7
Arsenic	< 0.71	0.71	mg/Kg	05/21/11		LK	6010/200.7
Barium	22.5	0.35	mg/Kg	05/23/11		LK	6010/200.7
Cadmium	< 0.35	0.35	mg/Kg	05/21/11		LK	6010/200.7
Chromium	1.90	0.35	mg/Kg	05/21/11		LK	6010/200.7
Mercury	< 0.07	0.07	mg/Kg	05/23/11		RS	SW-7471
Lead	< 0.35	0.35	mg/Kg	05/21/11		LK	6010/200.7
Selenium	< 1.4	1.4	mg/Kg	05/21/11		LK	6010/200.7
SPLP Silver	< 0.010	0.010	mg/L	05/24/11		LK	E1312/SW6010
SPLP Arsenic	< 0.004	0.004	mg/L	05/24/11		LK	E1312/SW6010
SPLP Barium	< 0.010	0.010	mg/L	05/24/11		LK	E1312/SW6010
SPLP Cadmium	< 0.005	0.005	mg/L	05/24/11		LK	E1312/SW6010
SPLP Chromium	< 0.010	0.010	mg/L	05/24/11		LK	E1312/SW6010
SPLP Mercury	< 0.0004	0.0004	mg/L	05/23/11		RS	1312/SW7471
SPLP Lead	< 0.010	0.010	mg/L	05/24/11		LK	E1312/SW6010
SPLP Selenium	< 0.020	0.020	mg/L	05/24/11		LK	E1312/SW6010
Percent Solid	94		%	05/20/11		JL	E160.3
Soil Extraction for PCB	Completed			05/20/11		RB	SW3545
Soil Extraction for Pesticide	Completed			05/20/11		RB/R	SW3545
Soil Extraction for SVOA	Completed			05/20/11		RB/F	SW3545
Extraction of CT ETPH	Completed			05/20/11		BS/F	3545
Mercury Digestion	Completed			05/23/11			SW7471
Soil Extraction for Herbicide	Completed			05/20/11		J/D	SW8151
SPLP Digestion Mercury	Completed			05/23/11			E1312/SW7470
SPLP Extraction for Metals	Completed			05/20/11		X	EPA 1312
Total Metals Digest	Completed			05/20/11		AG/R	SW846 - 3050
SPLP Metals Digestion	Completed			05/23/11			SW846-3005
Field Extraction	Completed			05/20/11		TRC	SW5035

Project ID: CLINTON RR STATION
Client ID: GP-2 (6-7)

Phoenix I.D.: BA33514

Parameter	Result	RL	Units	Date	Time	By	Reference
Chlorinated Herbicides							
2,4,5-T	ND	44	ug/Kg	05/23/11		JRB	SW8151
2,4,5-TP (Silvex)	ND	44	ug/Kg	05/23/11		JRB	SW8151
2,4-D	ND	44	ug/Kg	05/23/11		JRB	SW8151
2,4-DB	ND	440	ug/Kg	05/23/11		JRB	SW8151
Dalapon	ND	44	ug/Kg	05/23/11		JRB	SW8151
Dicamba	ND	88	ug/Kg	05/23/11		JRB	SW8151
Dichloroprop	ND	44	ug/Kg	05/23/11		JRB	SW8151
Dinoseb	ND	88	ug/Kg	05/23/11		JRB	SW8151
QA/QC Surrogates							
% DCAA	82		%	05/23/11		JRB	SW8151
Volatiles							
1,1,1,2-Tetrachloroethane	ND	4.4	ug/Kg	05/21/11		R/J	SW8260
1,1,1-Trichloroethane	ND	4.4	ug/Kg	05/21/11		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	2.6	ug/Kg	05/21/11		R/J	SW8260
1,1,2-Trichloroethane	ND	4.4	ug/Kg	05/21/11		R/J	SW8260
1,1-Dichloroethane	ND	4.4	ug/Kg	05/21/11		R/J	SW8260
1,1-Dichloroethene	ND	4.4	ug/Kg	05/21/11		R/J	SW8260
1,1-Dichloropropene	ND	4.4	ug/Kg	05/21/11		R/J	SW8260
1,2,3-Trichlorobenzene	ND	4.4	ug/Kg	05/21/11		R/J	SW8260
1,2,3-Trichloropropane	ND	4.4	ug/Kg	05/21/11		R/J	SW8260
1,2,4-Trichlorobenzene	ND	4.4	ug/Kg	05/21/11		R/J	SW8260
1,2,4-Trimethylbenzene	ND	4.4	ug/Kg	05/21/11		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	4.4	ug/Kg	05/21/11		R/J	SW8260
1,2-Dichlorobenzene	ND	4.4	ug/Kg	05/21/11		R/J	SW8260
1,2-Dichloroethane	ND	4.4	ug/Kg	05/21/11		R/J	SW8260
1,2-Dichloropropane	ND	4.4	ug/Kg	05/21/11		R/J	SW8260
1,3,5-Trimethylbenzene	ND	4.4	ug/Kg	05/21/11		R/J	SW8260
1,3-Dichlorobenzene	ND	4.4	ug/Kg	05/21/11		R/J	SW8260
1,3-Dichloropropane	ND	4.4	ug/Kg	05/21/11		R/J	SW8260
1,4-Dichlorobenzene	ND	4.4	ug/Kg	05/21/11		R/J	SW8260
2,2-Dichloropropane	ND	4.4	ug/Kg	05/21/11		R/J	SW8260
2-Chlorotoluene	ND	4.4	ug/Kg	05/21/11		R/J	SW8260
2-Hexanone	ND	22	ug/Kg	05/21/11		R/J	SW8260
2-Isopropyltoluene	ND	4.4	ug/Kg	05/21/11		R/J	SW8260
4-Chlorotoluene	ND	4.4	ug/Kg	05/21/11		R/J	SW8260
4-Methyl-2-pentanone	ND	22	ug/Kg	05/21/11		R/J	SW8260
Acetone	ND	87	ug/Kg	05/21/11		R/J	SW8260
Acrylonitrile	ND	4.4	ug/Kg	05/21/11		R/J	SW8260
Benzene	ND	4.4	ug/Kg	05/21/11		R/J	SW8260
Bromobenzene	ND	4.4	ug/Kg	05/21/11		R/J	SW8260
Bromochloromethane	ND	4.4	ug/Kg	05/21/11		R/J	SW8260
Bromodichloromethane	ND	4.4	ug/Kg	05/21/11		R/J	SW8260
Bromoform	ND	4.4	ug/Kg	05/21/11		R/J	SW8260
Bromomethane	ND	4.4	ug/Kg	05/21/11		R/J	SW8260
Carbon Disulfide	ND	4.4	ug/Kg	05/21/11		R/J	SW8260
Carbon tetrachloride	ND	4.4	ug/Kg	05/21/11		R/J	SW8260
Chlorobenzene	ND	4.4	ug/Kg	05/21/11		R/J	SW8260

Project ID: CLINTON RR STATION
Client ID: GP-2 (6-7)

Phoenix I.D.: BA33514

Parameter	Result	RL	Units	Date	Time	By	Reference
Chloroethane	ND	4.4	ug/Kg	05/21/11		R/J	SW8260
Chloroform	ND	4.4	ug/Kg	05/21/11		R/J	SW8260
Chloromethane	ND	4.4	ug/Kg	05/21/11		R/J	SW8260
cis-1,2-Dichloroethene	ND	4.4	ug/Kg	05/21/11		R/J	SW8260
cis-1,3-Dichloropropene	ND	4.4	ug/Kg	05/21/11		R/J	SW8260
Dibromochloromethane	ND	2.6	ug/Kg	05/21/11		R/J	SW8260
Dibromoethane	ND	4.4	ug/Kg	05/21/11		R/J	SW8260
Dibromomethane	ND	4.4	ug/Kg	05/21/11		R/J	SW8260
Dichlorodifluoromethane	ND	4.4	ug/Kg	05/21/11		R/J	SW8260
Ethylbenzene	ND	4.4	ug/Kg	05/21/11		R/J	SW8260
Hexachlorobutadiene	ND	4.4	ug/Kg	05/21/11		R/J	SW8260
Isopropylbenzene	ND	4.4	ug/Kg	05/21/11		R/J	SW8260
m&p-Xylene	ND	4.4	ug/Kg	05/21/11		R/J	SW8260
Methyl Ethyl Ketone	ND	26	ug/Kg	05/21/11		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	8.7	ug/Kg	05/21/11		R/J	SW8260
Methylene chloride	ND	4.4	ug/Kg	05/21/11		R/J	SW8260
Naphthalene	ND	4.4	ug/Kg	05/21/11		R/J	SW8260
n-Butylbenzene	ND	4.4	ug/Kg	05/21/11		R/J	SW8260
n-Propylbenzene	ND	4.4	ug/Kg	05/21/11		R/J	SW8260
o-Xylene	ND	4.4	ug/Kg	05/21/11		R/J	SW8260
p-Isopropyltoluene	ND	4.4	ug/Kg	05/21/11		R/J	SW8260
sec-Butylbenzene	ND	4.4	ug/Kg	05/21/11		R/J	SW8260
Styrene	ND	4.4	ug/Kg	05/21/11		R/J	SW8260
tert-Butylbenzene	ND	4.4	ug/Kg	05/21/11		R/J	SW8260
Tetrachloroethene	ND	4.4	ug/Kg	05/21/11		R/J	SW8260
Tetrahydrofuran (THF)	ND	8.7	ug/Kg	05/21/11		R/J	SW8260
Toluene	ND	4.4	ug/Kg	05/21/11		R/J	SW8260
Total Xylenes	ND	4.4	ug/Kg	05/21/11		R/J	SW8260
trans-1,2-Dichloroethene	ND	4.4	ug/Kg	05/21/11		R/J	SW8260
trans-1,3-Dichloropropene	ND	4.4	ug/Kg	05/21/11		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	8.7	ug/Kg	05/21/11		R/J	SW8260
Trichloroethene	ND	4.4	ug/Kg	05/21/11		R/J	SW8260
Trichlorofluoromethane	ND	4.4	ug/Kg	05/21/11		R/J	SW8260
Trichlorotrifluoroethane	ND	4.4	ug/Kg	05/21/11		R/J	SW8260
Vinyl chloride	ND	4.4	ug/Kg	05/21/11		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	101		%	05/21/11		R/J	SW8260
% Bromofluorobenzene	100		%	05/21/11		R/J	SW8260
% Dibromofluoromethane	110		%	05/21/11		R/J	SW8260
% Toluene-d8	104		%	05/21/11		R/J	SW8260

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	250	ug/Kg	05/22/11		KCA	SW 8270
1,2,4-Trichlorobenzene	ND	250	ug/Kg	05/22/11		KCA	SW 8270
1,2-Dichlorobenzene	ND	250	ug/Kg	05/22/11		KCA	SW 8270
1,3-Dichlorobenzene	ND	250	ug/Kg	05/22/11		KCA	SW 8270
1,4-Dichlorobenzene	ND	250	ug/Kg	05/22/11		KCA	SW 8270
2,4,5-Trichlorophenol	ND	250	ug/Kg	05/22/11		KCA	SW 8270
2,4,6-Trichlorophenol	ND	250	ug/Kg	05/22/11		KCA	SW 8270
2,4-Dichlorophenol	ND	250	ug/Kg	05/22/11		KCA	SW 8270

Project ID: CLINTON RR STATION
Client ID: GP-2 (6-7)

Phoenix I.D.: BA33514

Parameter	Result	RL	Units	Date	Time	By	Reference
2,4-Dimethylphenol	ND	250	ug/Kg	05/22/11		KCA	SW 8270
2,4-Dinitrophenol	ND	560	ug/Kg	05/22/11		KCA	SW 8270
2,4-Dinitrotoluene	ND	250	ug/Kg	05/22/11		KCA	SW 8270
2,6-Dinitrotoluene	ND	250	ug/Kg	05/22/11		KCA	SW 8270
2-Chloronaphthalene	ND	250	ug/Kg	05/22/11		KCA	SW 8270
2-Chlorophenol	ND	250	ug/Kg	05/22/11		KCA	SW 8270
2-Methylnaphthalene	ND	250	ug/Kg	05/22/11		KCA	SW 8270
2-Methylphenol (o-cresol)	ND	250	ug/Kg	05/22/11		KCA	SW 8270
2-Nitroaniline	ND	560	ug/Kg	05/22/11		KCA	SW 8270
2-Nitrophenol	ND	250	ug/Kg	05/22/11		KCA	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	350	ug/Kg	05/22/11		KCA	SW 8270
3,3'-Dichlorobenzidine	ND	330J	ug/Kg	05/22/11		KCA	SW 8270
3-Nitroaniline	ND	560	ug/Kg	05/22/11		KCA	SW 8270
4,6-Dinitro-2-methylphenol	ND	1000	ug/Kg	05/22/11		KCA	SW 8270
4-Bromophenyl phenyl ether	ND	350	ug/Kg	05/22/11		KCA	SW 8270
4-Chloro-3-methylphenol	ND	250	ug/Kg	05/22/11		KCA	SW 8270
4-Chloroaniline	ND	250	ug/Kg	05/22/11		KCA	SW 8270
4-Chlorophenyl phenyl ether	ND	250	ug/Kg	05/22/11		KCA	SW 8270
4-Nitroaniline	ND	560	ug/Kg	05/22/11		KCA	SW 8270
4-Nitrophenol	ND	1000	ug/Kg	05/22/11		KCA	SW 8270
Acenaphthene	ND	250	ug/Kg	05/22/11		KCA	SW 8270
Acenaphthylene	ND	250	ug/Kg	05/22/11		KCA	SW 8270
Acetophenone	ND	250	ug/Kg	05/22/11		KCA	SW 8270
Aniline	ND	1000	ug/Kg	05/22/11		KCA	SW 8270
Anthracene	ND	250	ug/Kg	05/22/11		KCA	SW 8270
Azobenzene	ND	350	ug/Kg	05/22/11		KCA	SW 8270
Benz(a)anthracene	ND	250	ug/Kg	05/22/11		KCA	SW 8270
Benzidine	ND	420	ug/Kg	05/22/11		KCA	SW 8270
Benzo(a)pyrene	ND	250	ug/Kg	05/22/11		KCA	SW 8270
Benzo(b)fluoranthene	ND	250	ug/Kg	05/22/11		KCA	SW 8270
Benzo(ghi)perylene	ND	250	ug/Kg	05/22/11		KCA	SW 8270
Benzo(k)fluoranthene	ND	250	ug/Kg	05/22/11		KCA	SW 8270
Benzoic acid	ND	1000	ug/Kg	05/22/11		KCA	SW 8270
Benzyl butyl phthalate	ND	250	ug/Kg	05/22/11		KCA	SW 8270
Bis(2-chloroethoxy)methane	ND	250	ug/Kg	05/22/11		KCA	SW 8270
Bis(2-chloroethyl)ether	ND	350	ug/Kg	05/22/11		KCA	SW 8270
Bis(2-chloroisopropyl)ether	ND	250	ug/Kg	05/22/11		KCA	SW 8270
Bis(2-ethylhexyl)phthalate	ND	250	ug/Kg	05/22/11		KCA	SW 8270
Carbazole	ND	530	ug/Kg	05/22/11		KCA	SW 8270
Chrysene	ND	250	ug/Kg	05/22/11		KCA	SW 8270
Dibenz(a,h)anthracene	ND	250	ug/Kg	05/22/11		KCA	SW 8270
Dibenzofuran	ND	250	ug/Kg	05/22/11		KCA	SW 8270
Diethyl phthalate	ND	250	ug/Kg	05/22/11		KCA	SW 8270
Dimethylphthalate	ND	250	ug/Kg	05/22/11		KCA	SW 8270
Di-n-butylphthalate	ND	250	ug/Kg	05/22/11		KCA	SW 8270
Di-n-octylphthalate	ND	250	ug/Kg	05/22/11		KCA	SW 8270
Fluoranthene	ND	250	ug/Kg	05/22/11		KCA	SW 8270
Fluorene	ND	250	ug/Kg	05/22/11		KCA	SW 8270
Hexachlorobenzene	ND	250	ug/Kg	05/22/11		KCA	SW 8270
Hexachlorobutadiene	ND	250	ug/Kg	05/22/11		KCA	SW 8270

Parameter	Result	RL	Units	Date	Time	By	Reference
Hexachlorocyclopentadiene	ND	250	ug/Kg	05/22/11		KCA	SW 8270
Hexachloroethane	ND	250	ug/Kg	05/22/11		KCA	SW 8270
Indeno(1,2,3-cd)pyrene	ND	250	ug/Kg	05/22/11		KCA	SW 8270
Isophorone	ND	250	ug/Kg	05/22/11		KCA	SW 8270
Naphthalene	ND	250	ug/Kg	05/22/11		KCA	SW 8270
Nitrobenzene	ND	250	ug/Kg	05/22/11		KCA	SW 8270
N-Nitrosodimethylamine	ND	350	ug/Kg	05/22/11		KCA	SW 8270
N-Nitrosodi-n-propylamine	ND	250	ug/Kg	05/22/11		KCA	SW 8270
N-Nitrosodiphenylamine	ND	350	ug/Kg	05/22/11		KCA	SW 8270
Pentachloronitrobenzene	ND	350	ug/Kg	05/22/11		KCA	SW 8270
Pentachlorophenol	ND	350	ug/Kg	05/22/11		KCA	SW 8270
Phenanthrene	ND	250	ug/Kg	05/22/11		KCA	SW 8270
Phenol	ND	250	ug/Kg	05/22/11		KCA	SW 8270
Pyrene	ND	250	ug/Kg	05/22/11		KCA	SW 8270
Pyridine	ND	350	ug/Kg	05/22/11		KCA	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	103		%	05/22/11		KCA	SW 8270
% 2-Fluorobiphenyl	84		%	05/22/11		KCA	SW 8270
% 2-Fluorophenol	92		%	05/22/11		KCA	SW 8270
% Nitrobenzene-d5	75		%	05/22/11		KCA	SW 8270
% Phenol-d5	86		%	05/22/11		KCA	SW 8270
% Terphenyl-d14	79		%	05/22/11		KCA	SW 8270
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	10	mg/Kg	05/23/11		JRB	CT ETPH/8015
Identification	ND		mg/Kg	05/23/11		JRB	CT ETPH/8015
QA/QC Surrogates							
% n-Pentacosane	104		%	05/23/11		JRB	CT ETPH/8015
Polychlorinated Biphenyls							
PCB-1016	ND	350	ug/Kg	05/23/11		MH	SW 8082
PCB-1221	ND	350	ug/Kg	05/23/11		MH	SW 8082
PCB-1232	ND	350	ug/Kg	05/23/11		MH	SW 8082
PCB-1242	ND	350	ug/Kg	05/23/11		MH	SW 8082
PCB-1248	ND	350	ug/Kg	05/23/11		MH	SW 8082
PCB-1254	ND	350	ug/Kg	05/23/11		MH	SW 8082
PCB-1260	ND	350	ug/Kg	05/23/11		MH	SW 8082
PCB-1262	ND	350	ug/Kg	05/23/11		MH	SW 8082
PCB-1268	ND	350	ug/Kg	05/23/11		MH	SW 8082
QA/QC Surrogates							
% DCBP	97		%	05/23/11		MH	SW 8082
% TCMX	92		%	05/23/11		MH	SW 8082
Pesticides							
4,4' -DDD	ND	34	ug/Kg	05/23/11		MR	SW8081
4,4' -DDE	ND	34	ug/Kg	05/23/11		MR	SW8081
4,4' -DDT	ND	34	ug/Kg	05/23/11		MR	SW8081
a-BHC	ND	17	ug/Kg	05/23/11		MR	SW8081
Alachlor	ND	17	ug/Kg	05/23/11		MR	SW8081
Aldrin	ND	5.3	ug/Kg	05/23/11		MR	SW8081

Project ID: CLINTON RR STATION
Client ID: GP-2 (6-7)

Phoenix I.D.: BA33514

Parameter	Result	RL	Units	Date	Time	By	Reference
b-BHC	ND	17	ug/Kg	05/23/11		MR	SW8081
Chlordane	ND	53	ug/Kg	05/23/11		MR	SW8081
d-BHC	ND	17	ug/Kg	05/23/11		MR	SW8081
Dieldrin	ND	5.3	ug/Kg	05/23/11		MR	SW8081
Endosulfan I	ND	17	ug/Kg	05/23/11		MR	SW8081
Endosulfan II	ND	34	ug/Kg	05/23/11		MR	SW8081
Endosulfan sulfate	ND	34	ug/Kg	05/23/11		MR	SW8081
Endrin	ND	34	ug/Kg	05/23/11		MR	SW8081
Endrin aldehyde	ND	34	ug/Kg	05/23/11		MR	SW8081
Endrin ketone	ND	34	ug/Kg	05/23/11		MR	SW8081
g-BHC	ND	5.3	ug/Kg	05/23/11		MR	SW8081
Heptachlor	ND	10	ug/Kg	05/23/11		MR	SW8081
Heptachlor epoxide	ND	17	ug/Kg	05/23/11		MR	SW8081
Methoxychlor	ND	170	ug/Kg	05/23/11		MR	SW8081
Toxaphene	ND	170	ug/Kg	05/23/11		MR	SW8081
QA/QC Surrogates							
% DCBP	82		%	05/23/11		MR	SW8081
% TCMX	79		%	05/23/11		MR	SW8081

Comments:

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

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

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Phyllis Shiller, Laboratory Director
May 31, 2011

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

May 27, 2011

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		05/20/11	9:30
Location Code:	TRC-NONDAS | GP-2	Received by:	LB	05/20/11	13:29
Rush Request:	RUSH##	Analyzed by:	see "By" below		
P.O.#:	33626				

Laboratory Data

SDG ID: GBA33511
Phoenix ID: BA33515

Project ID: CLINTON RR STATION

Client ID: GP-2A (6-7)

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.32	0.32	mg/Kg	05/23/11		LK	6010/200.7
Arsenic	< 0.64	0.64	mg/Kg	05/21/11		LK	6010/200.7
Barium	12.6	0.32	mg/Kg	05/23/11		LK	6010/200.7
Cadmium	< 0.32	0.32	mg/Kg	05/21/11		LK	6010/200.7
Chromium	3.02	0.32	mg/Kg	05/21/11		LK	6010/200.7
Mercury	< 0.07	0.07	mg/Kg	05/23/11		RS	SW-7471
Lead	0.43	0.32	mg/Kg	05/21/11		LK	6010/200.7
Selenium	< 1.3	1.3	mg/Kg	05/21/11		LK	6010/200.7
SPLP Silver	< 0.010	0.010	mg/L	05/23/11		LK	E1312/SW6010
SPLP Arsenic	< 0.004	0.004	mg/L	05/23/11		LK	E1312/SW6010
SPLP Barium	< 0.010	0.010	mg/L	05/23/11		LK	E1312/SW6010
SPLP Cadmium	< 0.005	0.005	mg/L	05/23/11		LK	E1312/SW6010
SPLP Chromium	< 0.010	0.010	mg/L	05/23/11		LK	E1312/SW6010
SPLP Mercury	< 0.0004	0.0004	mg/L	05/23/11		RS	1312/SW7471
SPLP Lead	< 0.010	0.010	mg/L	05/23/11		LK	E1312/SW6010
SPLP Selenium	< 0.020	0.020	mg/L	05/23/11		LK	E1312/SW6010
Percent Solid	97		%	05/20/11		JL	E160.3
Soil Extraction for PCB	Completed			05/20/11		RB	SW3545
Soil Extraction for Pesticide	Completed			05/20/11		RB/R	SW3545
Soil Extraction for SVOA	Completed			05/20/11		RB/F	SW3545
Extraction of CT ETPH	Completed			05/20/11		NS/F	3545
Mercury Digestion	Completed			05/23/11			SW7471
Soil Extraction for Herbicide	Completed			05/20/11		J/D	SW8151
SPLP Digestion Mercury	Completed			05/23/11			E1312/SW7470
SPLP Extraction for Metals	Completed			05/20/11		X	EPA 1312
Total Metals Digest	Completed			05/20/11		AG/R	SW846 - 3050
SPLP Metals Digestion	Completed			05/23/11			SW846-3005
Field Extraction	Completed			05/20/11		TRC	SW5035

Project ID: CLINTON RR STATION
Client ID: GP-2A (6-7)

Phoenix I.D.: BA33515

Parameter	Result	RL	Units	Date	Time	By	Reference
Chlorinated Herbicides							
2,4,5-T	ND	43	ug/Kg	05/23/11		JRB	SW8151
2,4,5-TP (Silvex)	ND	43	ug/Kg	05/23/11		JRB	SW8151
2,4-D	ND	43	ug/Kg	05/23/11		JRB	SW8151
2,4-DB	ND	430	ug/Kg	05/23/11		JRB	SW8151
Dalapon	ND	43	ug/Kg	05/23/11		JRB	SW8151
Dicamba	ND	86	ug/Kg	05/23/11		JRB	SW8151
Dichloroprop	ND	43	ug/Kg	05/23/11		JRB	SW8151
Dinoseb	ND	86	ug/Kg	05/23/11		JRB	SW8151
QA/QC Surrogates							
% DCAA	68		%	05/23/11		JRB	SW8151
Volatiles							
1,1,1,2-Tetrachloroethane	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
1,1,1-Trichloroethane	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	2.4	ug/Kg	05/21/11		R/J	SW8260
1,1,2-Trichloroethane	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
1,1-Dichloroethane	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
1,1-Dichloroethene	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
1,1-Dichloropropene	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
1,2,3-Trichlorobenzene	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
1,2,3-Trichloropropane	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
1,2,4-Trichlorobenzene	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
1,2,4-Trimethylbenzene	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
1,2-Dichlorobenzene	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
1,2-Dichloroethane	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
1,2-Dichloropropane	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
1,3,5-Trimethylbenzene	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
1,3-Dichlorobenzene	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
1,3-Dichloropropane	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
1,4-Dichlorobenzene	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
2,2-Dichloropropane	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
2-Chlorotoluene	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
2-Hexanone	ND	20	ug/Kg	05/21/11		R/J	SW8260
2-Isopropyltoluene	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
4-Chlorotoluene	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
4-Methyl-2-pentanone	ND	20	ug/Kg	05/21/11		R/J	SW8260
Acetone	ND	79	ug/Kg	05/21/11		R/J	SW8260
Acrylonitrile	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
Benzene	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
Bromobenzene	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
Bromochloromethane	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
Bromodichloromethane	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
Bromoform	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
Bromomethane	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
Carbon Disulfide	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
Carbon tetrachloride	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
Chlorobenzene	ND	4.0	ug/Kg	05/21/11		R/J	SW8260

Project ID: CLINTON RR STATION
Client ID: GP-2A (6-7)

Phoenix I.D.: BA33515

Parameter	Result	RL	Units	Date	Time	By	Reference
Chloroethane	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
Chloroform	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
Chloromethane	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
cis-1,2-Dichloroethene	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
cis-1,3-Dichloropropene	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
Dibromochloromethane	ND	2.4	ug/Kg	05/21/11		R/J	SW8260
Dibromoethane	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
Dibromomethane	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
Dichlorodifluoromethane	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
Ethylbenzene	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
Hexachlorobutadiene	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
Isopropylbenzene	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
m&p-Xylene	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
Methyl Ethyl Ketone	ND	24	ug/Kg	05/21/11		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	7.9	ug/Kg	05/21/11		R/J	SW8260
Methylene chloride	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
Naphthalene	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
n-Butylbenzene	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
n-Propylbenzene	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
o-Xylene	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
p-Isopropyltoluene	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
sec-Butylbenzene	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
Styrene	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
tert-Butylbenzene	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
Tetrachloroethene	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
Tetrahydrofuran (THF)	ND	7.9	ug/Kg	05/21/11		R/J	SW8260
Toluene	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
Total Xylenes	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
trans-1,2-Dichloroethene	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
trans-1,3-Dichloropropene	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	7.9	ug/Kg	05/21/11		R/J	SW8260
Trichloroethene	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
Trichlorofluoromethane	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
Trichlorotrifluoroethane	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
Vinyl chloride	ND	4.0	ug/Kg	05/21/11		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	103		%	05/21/11		R/J	SW8260
% Bromofluorobenzene	99		%	05/21/11		R/J	SW8260
% Dibromofluoromethane	98		%	05/21/11		R/J	SW8260
% Toluene-d8	104		%	05/21/11		R/J	SW8260
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	230	ug/Kg	05/22/11		KCA	SW 8270
1,2,4-Trichlorobenzene	ND	230	ug/Kg	05/22/11		KCA	SW 8270
1,2-Dichlorobenzene	ND	230	ug/Kg	05/22/11		KCA	SW 8270
1,3-Dichlorobenzene	ND	230	ug/Kg	05/22/11		KCA	SW 8270
1,4-Dichlorobenzene	ND	230	ug/Kg	05/22/11		KCA	SW 8270
2,4,5-Trichlorophenol	ND	230	ug/Kg	05/22/11		KCA	SW 8270
2,4,6-Trichlorophenol	ND	230	ug/Kg	05/22/11		KCA	SW 8270
2,4-Dichlorophenol	ND	230	ug/Kg	05/22/11		KCA	SW 8270

Project ID: CLINTON RR STATION
Client ID: GP-2A (6-7)

Phoenix I.D.: BA33515

Parameter	Result	RL	Units	Date	Time	By	Reference
2,4-Dimethylphenol	ND	230	ug/Kg	05/22/11		KCA	SW 8270
2,4-Dinitrophenol	ND	540	ug/Kg	05/22/11		KCA	SW 8270
2,4-Dinitrotoluene	ND	230	ug/Kg	05/22/11		KCA	SW 8270
2,6-Dinitrotoluene	ND	230	ug/Kg	05/22/11		KCA	SW 8270
2-Chloronaphthalene	ND	230	ug/Kg	05/22/11		KCA	SW 8270
2-Chlorophenol	ND	230	ug/Kg	05/22/11		KCA	SW 8270
2-Methylnaphthalene	ND	230	ug/Kg	05/22/11		KCA	SW 8270
2-Methylphenol (o-cresol)	ND	230	ug/Kg	05/22/11		KCA	SW 8270
2-Nitroaniline	ND	540	ug/Kg	05/22/11		KCA	SW 8270
2-Nitrophenol	ND	230	ug/Kg	05/22/11		KCA	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	330	ug/Kg	05/22/11		KCA	SW 8270
3,3'-Dichlorobenzidine	ND	330J	ug/Kg	05/22/11		KCA	SW 8270
3-Nitroaniline	ND	540	ug/Kg	05/22/11		KCA	SW 8270
4,6-Dinitro-2-methylphenol	ND	970	ug/Kg	05/22/11		KCA	SW 8270
4-Bromophenyl phenyl ether	ND	330	ug/Kg	05/22/11		KCA	SW 8270
4-Chloro-3-methylphenol	ND	230	ug/Kg	05/22/11		KCA	SW 8270
4-Chloroaniline	ND	230	ug/Kg	05/22/11		KCA	SW 8270
4-Chlorophenyl phenyl ether	ND	230	ug/Kg	05/22/11		KCA	SW 8270
4-Nitroaniline	ND	540	ug/Kg	05/22/11		KCA	SW 8270
4-Nitrophenol	ND	970	ug/Kg	05/22/11		KCA	SW 8270
Acenaphthene	ND	230	ug/Kg	05/22/11		KCA	SW 8270
Acenaphthylene	ND	230	ug/Kg	05/22/11		KCA	SW 8270
Acetophenone	ND	230	ug/Kg	05/22/11		KCA	SW 8270
Aniline	ND	970	ug/Kg	05/22/11		KCA	SW 8270
Anthracene	ND	230	ug/Kg	05/22/11		KCA	SW 8270
Azobenzene	ND	330	ug/Kg	05/22/11		KCA	SW 8270
Benz(a)anthracene	ND	230	ug/Kg	05/22/11		KCA	SW 8270
Benzidine	ND	400	ug/Kg	05/22/11		KCA	SW 8270
Benzo(a)pyrene	ND	230	ug/Kg	05/22/11		KCA	SW 8270
Benzo(b)fluoranthene	ND	230	ug/Kg	05/22/11		KCA	SW 8270
Benzo(ghi)perylene	ND	230	ug/Kg	05/22/11		KCA	SW 8270
Benzo(k)fluoranthene	ND	230	ug/Kg	05/22/11		KCA	SW 8270
Benzoic acid	ND	970	ug/Kg	05/22/11		KCA	SW 8270
Benzyl butyl phthalate	ND	230	ug/Kg	05/22/11		KCA	SW 8270
Bis(2-chloroethoxy)methane	ND	230	ug/Kg	05/22/11		KCA	SW 8270
Bis(2-chloroethyl)ether	ND	330	ug/Kg	05/22/11		KCA	SW 8270
Bis(2-chloroisopropyl)ether	ND	230	ug/Kg	05/22/11		KCA	SW 8270
Bis(2-ethylhexyl)phthalate	ND	230	ug/Kg	05/22/11		KCA	SW 8270
Carbazole	ND	500	ug/Kg	05/22/11		KCA	SW 8270
Chrysene	ND	230	ug/Kg	05/22/11		KCA	SW 8270
Dibenz(a,h)anthracene	ND	230	ug/Kg	05/22/11		KCA	SW 8270
Dibenzofuran	ND	230	ug/Kg	05/22/11		KCA	SW 8270
Diethyl phthalate	ND	230	ug/Kg	05/22/11		KCA	SW 8270
Dimethylphthalate	ND	230	ug/Kg	05/22/11		KCA	SW 8270
Di-n-butylphthalate	ND	230	ug/Kg	05/22/11		KCA	SW 8270
Di-n-octylphthalate	ND	230	ug/Kg	05/22/11		KCA	SW 8270
Fluoranthene	ND	230	ug/Kg	05/22/11		KCA	SW 8270
Fluorene	ND	230	ug/Kg	05/22/11		KCA	SW 8270
Hexachlorobenzene	ND	230	ug/Kg	05/22/11		KCA	SW 8270
Hexachlorobutadiene	ND	230	ug/Kg	05/22/11		KCA	SW 8270

Parameter	Result	RL	Units	Date	Time	By	Reference
Hexachlorocyclopentadiene	ND	230	ug/Kg	05/22/11		KCA	SW 8270
Hexachloroethane	ND	230	ug/Kg	05/22/11		KCA	SW 8270
Indeno(1,2,3-cd)pyrene	ND	230	ug/Kg	05/22/11		KCA	SW 8270
Isophorone	ND	230	ug/Kg	05/22/11		KCA	SW 8270
Naphthalene	ND	230	ug/Kg	05/22/11		KCA	SW 8270
Nitrobenzene	ND	230	ug/Kg	05/22/11		KCA	SW 8270
N-Nitrosodimethylamine	ND	330	ug/Kg	05/22/11		KCA	SW 8270
N-Nitrosodi-n-propylamine	ND	230	ug/Kg	05/22/11		KCA	SW 8270
N-Nitrosodiphenylamine	ND	330	ug/Kg	05/22/11		KCA	SW 8270
Pentachloronitrobenzene	ND	330	ug/Kg	05/22/11		KCA	SW 8270
Pentachlorophenol	ND	330	ug/Kg	05/22/11		KCA	SW 8270
Phenanthrene	ND	230	ug/Kg	05/22/11		KCA	SW 8270
Phenol	ND	230	ug/Kg	05/22/11		KCA	SW 8270
Pyrene	ND	230	ug/Kg	05/22/11		KCA	SW 8270
Pyridine	ND	330	ug/Kg	05/22/11		KCA	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	96		%	05/22/11		KCA	SW 8270
% 2-Fluorobiphenyl	83		%	05/22/11		KCA	SW 8270
% 2-Fluorophenol	90		%	05/22/11		KCA	SW 8270
% Nitrobenzene-d5	73		%	05/22/11		KCA	SW 8270
% Phenol-d5	85		%	05/22/11		KCA	SW 8270
% Terphenyl-d14	81		%	05/22/11		KCA	SW 8270
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	10	mg/Kg	05/23/11		JRB	CT ETPH/8015
Identification	ND		mg/Kg	05/23/11		JRB	CT ETPH/8015
QA/QC Surrogates							
% n-Pentacosane	87		%	05/23/11		JRB	CT ETPH/8015
Polychlorinated Biphenyls							
PCB-1016	ND	340	ug/Kg	05/23/11		MH	SW 8082
PCB-1221	ND	340	ug/Kg	05/23/11		MH	SW 8082
PCB-1232	ND	340	ug/Kg	05/23/11		MH	SW 8082
PCB-1242	ND	340	ug/Kg	05/23/11		MH	SW 8082
PCB-1248	ND	340	ug/Kg	05/23/11		MH	SW 8082
PCB-1254	ND	340	ug/Kg	05/23/11		MH	SW 8082
PCB-1260	ND	340	ug/Kg	05/23/11		MH	SW 8082
PCB-1262	ND	340	ug/Kg	05/23/11		MH	SW 8082
PCB-1268	ND	340	ug/Kg	05/23/11		MH	SW 8082
QA/QC Surrogates							
% DCBP	110		%	05/23/11		MH	SW 8082
% TCMX	106		%	05/23/11		MH	SW 8082
Pesticides							
4,4' -DDD	ND	32	ug/Kg	05/23/11		MR	SW8081
4,4' -DDE	ND	32	ug/Kg	05/23/11		MR	SW8081
4,4' -DDT	ND	32	ug/Kg	05/23/11		MR	SW8081
a-BHC	ND	16	ug/Kg	05/23/11		MR	SW8081
Alachlor	ND	16	ug/Kg	05/23/11		MR	SW8081
Aldrin	ND	5.1	ug/Kg	05/23/11		MR	SW8081

Project ID: CLINTON RR STATION
Client ID: GP-2A (6-7)

Phoenix I.D.: BA33515

Parameter	Result	RL	Units	Date	Time	By	Reference
b-BHC	ND	16	ug/Kg	05/23/11		MR	SW8081
Chlordane	ND	51	ug/Kg	05/23/11		MR	SW8081
d-BHC	ND	16	ug/Kg	05/23/11		MR	SW8081
Dieldrin	ND	5.1	ug/Kg	05/23/11		MR	SW8081
Endosulfan I	ND	16	ug/Kg	05/23/11		MR	SW8081
Endosulfan II	ND	32	ug/Kg	05/23/11		MR	SW8081
Endosulfan sulfate	ND	32	ug/Kg	05/23/11		MR	SW8081
Endrin	ND	32	ug/Kg	05/23/11		MR	SW8081
Endrin aldehyde	ND	32	ug/Kg	05/23/11		MR	SW8081
Endrin ketone	ND	32	ug/Kg	05/23/11		MR	SW8081
g-BHC	ND	5.1	ug/Kg	05/23/11		MR	SW8081
Heptachlor	ND	10	ug/Kg	05/23/11		MR	SW8081
Heptachlor epoxide	ND	16	ug/Kg	05/23/11		MR	SW8081
Methoxychlor	ND	160	ug/Kg	05/23/11		MR	SW8081
Toxaphene	ND	160	ug/Kg	05/23/11		MR	SW8081
QA/QC Surrogates							
% DCBP	90		%	05/23/11		MR	SW8081
% TCMX	90		%	05/23/11		MR	SW8081

Comments:

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

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

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Phyllis Shiller, Laboratory Director
May 31, 2011

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

May 27, 2011

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		05/20/11	9:50
Location Code:	TRC-NONDAS | GP-3	Received by:	LB	05/20/11	13:29
Rush Request:	RUSH##	Analyzed by:	see "By" below		
P.O.#:	33626				

Laboratory Data

SDG ID: GBA33511
Phoenix ID: BA33516

Project ID: CLINTON RR STATION

Client ID: GP-3 (4-6)

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.35	0.35	mg/Kg	05/24/11		LK	6010/200.7
Arsenic	< 0.70	0.70	mg/Kg	05/21/11		LK	6010/200.7
Barium	91.7	0.35	mg/Kg	05/24/11		LK	6010/200.7
Cadmium	< 0.35	0.35	mg/Kg	05/21/11		LK	6010/200.7
Chromium	11.5	0.35	mg/Kg	05/21/11		LK	6010/200.7
Mercury	0.09	0.07	mg/Kg	05/23/11		RS	SW-7471
Lead	8.63	0.35	mg/Kg	05/21/11		LK	6010/200.7
Selenium	< 1.4	1.4	mg/Kg	05/21/11		LK	6010/200.7
SPLP Silver	< 0.010	0.010	mg/L	05/23/11		LK	E1312/SW6010
SPLP Arsenic	< 0.004	0.004	mg/L	05/23/11		LK	E1312/SW6010
SPLP Barium	0.106	0.010	mg/L	05/23/11		LK	E1312/SW6010
SPLP Cadmium	< 0.005	0.005	mg/L	05/23/11		LK	E1312/SW6010
SPLP Chromium	0.010	0.010	mg/L	05/23/11		LK	E1312/SW6010
SPLP Mercury	< 0.0004	0.0004	mg/L	05/23/11		RS	1312/SW7471
SPLP Lead	0.236	0.010	mg/L	05/27/11		EK	E1312/SW6010
SPLP Selenium	< 0.020	0.020	mg/L	05/23/11		LK	E1312/SW6010
Percent Solid	84		%	05/20/11		JL	E160.3
Soil Extraction for PCB	Completed			05/20/11		RB	SW3545
Soil Extraction for Pesticide	Completed			05/20/11		RB/R	SW3545
Soil Extraction for SVOA	Completed			05/20/11		RB/F	SW3545
Extraction of CT ETPH	Completed			05/20/11		NS/F	3545
Mercury Digestion	Completed			05/23/11			SW7471
Soil Extraction for Herbicide	Completed			05/20/11		J/D	SW8151
SPLP Digestion Mercury	Completed			05/23/11			E1312/SW7470
SPLP Extraction for Metals	Completed			05/26/11		X	EPA 1312
Total Metals Digest	Completed			05/20/11		AG/R	SW846 - 3050
SPLP Metals Digestion	Completed			05/27/11		X	SW846-3005
Field Extraction	Completed			05/20/11		TRC	SW5035

Project ID: CLINTON RR STATION
Client ID: GP-3 (4-6)

Phoenix I.D.: BA33516

Parameter	Result	RL	Units	Date	Time	By	Reference
Chlorinated Herbicides							
2,4,5-T	ND	50	ug/Kg	05/23/11		JRB	SW8151
2,4,5-TP (Silvex)	ND	50	ug/Kg	05/23/11		JRB	SW8151
2,4-D	ND	50	ug/Kg	05/23/11		JRB	SW8151
2,4-DB	ND	500	ug/Kg	05/23/11		JRB	SW8151
Dalapon	ND	50	ug/Kg	05/23/11		JRB	SW8151
Dicamba	ND	99	ug/Kg	05/23/11		JRB	SW8151
Dichloroprop	ND	50	ug/Kg	05/23/11		JRB	SW8151
Dinoseb	ND	99	ug/Kg	05/23/11		JRB	SW8151
QA/QC Surrogates							
% DCAA	90		%	05/23/11		JRB	SW8151
Volatiles							
1,1,1,2-Tetrachloroethane	ND	4.4	ug/Kg	05/24/11		R/J	SW8260
1,1,1-Trichloroethane	ND	4.4	ug/Kg	05/24/11		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	2.6	ug/Kg	05/24/11		R/J	SW8260
1,1,2-Trichloroethane	ND	4.4	ug/Kg	05/24/11		R/J	SW8260
1,1-Dichloroethane	ND	4.4	ug/Kg	05/24/11		R/J	SW8260
1,1-Dichloroethene	ND	4.4	ug/Kg	05/24/11		R/J	SW8260
1,1-Dichloropropene	ND	4.4	ug/Kg	05/24/11		R/J	SW8260
1,2,3-Trichlorobenzene	ND	4.4	ug/Kg	05/24/11		R/J	SW8260
1,2,3-Trichloropropane	ND	4.4	ug/Kg	05/24/11		R/J	SW8260
1,2,4-Trichlorobenzene	ND	4.4	ug/Kg	05/24/11		R/J	SW8260
1,2,4-Trimethylbenzene	ND	4.4	ug/Kg	05/24/11		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	4.4	ug/Kg	05/24/11		R/J	SW8260
1,2-Dichlorobenzene	ND	4.4	ug/Kg	05/24/11		R/J	SW8260
1,2-Dichloroethane	ND	4.4	ug/Kg	05/24/11		R/J	SW8260
1,2-Dichloropropane	ND	4.4	ug/Kg	05/24/11		R/J	SW8260
1,3,5-Trimethylbenzene	ND	4.4	ug/Kg	05/24/11		R/J	SW8260
1,3-Dichlorobenzene	ND	4.4	ug/Kg	05/24/11		R/J	SW8260
1,3-Dichloropropane	ND	4.4	ug/Kg	05/24/11		R/J	SW8260
1,4-Dichlorobenzene	ND	4.4	ug/Kg	05/24/11		R/J	SW8260
2,2-Dichloropropane	ND	4.4	ug/Kg	05/24/11		R/J	SW8260
2-Chlorotoluene	ND	4.4	ug/Kg	05/24/11		R/J	SW8260
2-Hexanone	ND	22	ug/Kg	05/24/11		R/J	SW8260
2-Isopropyltoluene	ND	4.4	ug/Kg	05/24/11		R/J	SW8260
4-Chlorotoluene	ND	4.4	ug/Kg	05/24/11		R/J	SW8260
4-Methyl-2-pentanone	ND	22	ug/Kg	05/24/11		R/J	SW8260
Acetone	ND	88	ug/Kg	05/24/11		R/J	SW8260
Acrylonitrile	ND	4.4	ug/Kg	05/24/11		R/J	SW8260
Benzene	ND	4.4	ug/Kg	05/24/11		R/J	SW8260
Bromobenzene	ND	4.4	ug/Kg	05/24/11		R/J	SW8260
Bromochloromethane	ND	4.4	ug/Kg	05/24/11		R/J	SW8260
Bromodichloromethane	ND	4.4	ug/Kg	05/24/11		R/J	SW8260
Bromoform	ND	4.4	ug/Kg	05/24/11		R/J	SW8260
Bromomethane	ND	4.4	ug/Kg	05/24/11		R/J	SW8260
Carbon Disulfide	ND	4.4	ug/Kg	05/24/11		R/J	SW8260
Carbon tetrachloride	ND	4.4	ug/Kg	05/24/11		R/J	SW8260
Chlorobenzene	ND	4.4	ug/Kg	05/24/11		R/J	SW8260

Project ID: CLINTON RR STATION
Client ID: GP-3 (4-6)

Phoenix I.D.: BA33516

Parameter	Result	RL	Units	Date	Time	By	Reference
Chloroethane	ND	4.4	ug/Kg	05/24/11		R/J	SW8260
Chloroform	ND	4.4	ug/Kg	05/24/11		R/J	SW8260
Chloromethane	ND	4.4	ug/Kg	05/24/11		R/J	SW8260
cis-1,2-Dichloroethene	ND	4.4	ug/Kg	05/24/11		R/J	SW8260
cis-1,3-Dichloropropene	ND	4.4	ug/Kg	05/24/11		R/J	SW8260
Dibromochloromethane	ND	2.6	ug/Kg	05/24/11		R/J	SW8260
Dibromoethane	ND	4.4	ug/Kg	05/24/11		R/J	SW8260
Dibromomethane	ND	4.4	ug/Kg	05/24/11		R/J	SW8260
Dichlorodifluoromethane	ND	4.4	ug/Kg	05/24/11		R/J	SW8260
Ethylbenzene	ND	4.4	ug/Kg	05/24/11		R/J	SW8260
Hexachlorobutadiene	ND	4.4	ug/Kg	05/24/11		R/J	SW8260
Isopropylbenzene	ND	4.4	ug/Kg	05/24/11		R/J	SW8260
m&p-Xylene	ND	4.4	ug/Kg	05/24/11		R/J	SW8260
Methyl Ethyl Ketone	ND	26	ug/Kg	05/24/11		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	8.8	ug/Kg	05/24/11		R/J	SW8260
Methylene chloride	ND	4.4	ug/Kg	05/24/11		R/J	SW8260
Naphthalene	ND	4.4	ug/Kg	05/24/11		R/J	SW8260
n-Butylbenzene	ND	4.4	ug/Kg	05/24/11		R/J	SW8260
n-Propylbenzene	ND	4.4	ug/Kg	05/24/11		R/J	SW8260
o-Xylene	ND	4.4	ug/Kg	05/24/11		R/J	SW8260
p-Isopropyltoluene	ND	4.4	ug/Kg	05/24/11		R/J	SW8260
sec-Butylbenzene	ND	4.4	ug/Kg	05/24/11		R/J	SW8260
Styrene	ND	4.4	ug/Kg	05/24/11		R/J	SW8260
tert-Butylbenzene	ND	4.4	ug/Kg	05/24/11		R/J	SW8260
Tetrachloroethene	ND	4.4	ug/Kg	05/24/11		R/J	SW8260
Tetrahydrofuran (THF)	ND	8.8	ug/Kg	05/24/11		R/J	SW8260
Toluene	ND	4.4	ug/Kg	05/24/11		R/J	SW8260
Total Xylenes	ND	4.4	ug/Kg	05/24/11		R/J	SW8260
trans-1,2-Dichloroethene	ND	4.4	ug/Kg	05/24/11		R/J	SW8260
trans-1,3-Dichloropropene	ND	4.4	ug/Kg	05/24/11		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	8.8	ug/Kg	05/24/11		R/J	SW8260
Trichloroethene	ND	4.4	ug/Kg	05/24/11		R/J	SW8260
Trichlorofluoromethane	ND	4.4	ug/Kg	05/24/11		R/J	SW8260
Trichlorotrifluoroethane	ND	4.4	ug/Kg	05/24/11		R/J	SW8260
Vinyl chloride	ND	4.4	ug/Kg	05/24/11		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	96		%	05/24/11		R/J	SW8260
% Bromofluorobenzene	75		%	05/24/11		R/J	SW8260
% Dibromofluoromethane	100		%	05/24/11		R/J	SW8260
% Toluene-d8	94		%	05/24/11		R/J	SW8260
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	550	ug/Kg	05/22/11		KCA	SW 8270
1,2,4-Trichlorobenzene	ND	550	ug/Kg	05/22/11		KCA	SW 8270
1,2-Dichlorobenzene	ND	550	ug/Kg	05/22/11		KCA	SW 8270
1,3-Dichlorobenzene	ND	550	ug/Kg	05/22/11		KCA	SW 8270
1,4-Dichlorobenzene	ND	550	ug/Kg	05/22/11		KCA	SW 8270
2,4,5-Trichlorophenol	ND	550	ug/Kg	05/22/11		KCA	SW 8270
2,4,6-Trichlorophenol	ND	550	ug/Kg	05/22/11		KCA	SW 8270
2,4-Dichlorophenol	ND	550	ug/Kg	05/22/11		KCA	SW 8270

Project ID: CLINTON RR STATION
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Phoenix I.D.: BA33516

Parameter	Result	RL	Units	Date	Time	By	Reference
2,4-Dimethylphenol	ND	550	ug/Kg	05/22/11		KCA	SW 8270
2,4-Dinitrophenol	ND	1300	ug/Kg	05/22/11		KCA	SW 8270
2,4-Dinitrotoluene	ND	550	ug/Kg	05/22/11		KCA	SW 8270
2,6-Dinitrotoluene	ND	550	ug/Kg	05/22/11		KCA	SW 8270
2-Chloronaphthalene	ND	550	ug/Kg	05/22/11		KCA	SW 8270
2-Chlorophenol	ND	550	ug/Kg	05/22/11		KCA	SW 8270
2-Methylnaphthalene	ND	550	ug/Kg	05/22/11		KCA	SW 8270
2-Methylphenol (o-cresol)	ND	550	ug/Kg	05/22/11		KCA	SW 8270
2-Nitroaniline	ND	1300	ug/Kg	05/22/11		KCA	SW 8270
2-Nitrophenol	ND	550	ug/Kg	05/22/11		KCA	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	790	ug/Kg	05/22/11		KCA	SW 8270
3,3'-Dichlorobenzidine	ND	330J	ug/Kg	05/22/11		KCA	SW 8270
3-Nitroaniline	ND	1300	ug/Kg	05/22/11		KCA	SW 8270
4,6-Dinitro-2-methylphenol	ND	2300	ug/Kg	05/22/11		KCA	SW 8270
4-Bromophenyl phenyl ether	ND	790	ug/Kg	05/22/11		KCA	SW 8270
4-Chloro-3-methylphenol	ND	550	ug/Kg	05/22/11		KCA	SW 8270
4-Chloroaniline	ND	550	ug/Kg	05/22/11		KCA	SW 8270
4-Chlorophenyl phenyl ether	ND	550	ug/Kg	05/22/11		KCA	SW 8270
4-Nitroaniline	ND	1000	ug/Kg	05/22/11		KCA	SW 8270
4-Nitrophenol	ND	2300	ug/Kg	05/22/11		KCA	SW 8270
Acenaphthene	ND	550	ug/Kg	05/22/11		KCA	SW 8270
Acenaphthylene	ND	550	ug/Kg	05/22/11		KCA	SW 8270
Acetophenone	ND	550	ug/Kg	05/22/11		KCA	SW 8270
Aniline	ND	2300	ug/Kg	05/22/11		KCA	SW 8270
Anthracene	ND	550	ug/Kg	05/22/11		KCA	SW 8270
Azobenzene	ND	790	ug/Kg	05/22/11		KCA	SW 8270
Benz(a)anthracene	ND	550	ug/Kg	05/22/11		KCA	SW 8270
Benzidine	ND	950	ug/Kg	05/22/11		KCA	SW 8270
Benzo(a)pyrene	ND	550	ug/Kg	05/22/11		KCA	SW 8270
Benzo(b)fluoranthene	ND	550	ug/Kg	05/22/11		KCA	SW 8270
Benzo(ghi)perylene	ND	550	ug/Kg	05/22/11		KCA	SW 8270
Benzo(k)fluoranthene	ND	550	ug/Kg	05/22/11		KCA	SW 8270
Benzoic acid	ND	2300	ug/Kg	05/22/11		KCA	SW 8270
Benzyl butyl phthalate	ND	550	ug/Kg	05/22/11		KCA	SW 8270
Bis(2-chloroethoxy)methane	ND	550	ug/Kg	05/22/11		KCA	SW 8270
Bis(2-chloroethyl)ether	ND	790	ug/Kg	05/22/11		KCA	SW 8270
Bis(2-chloroisopropyl)ether	ND	550	ug/Kg	05/22/11		KCA	SW 8270
Bis(2-ethylhexyl)phthalate	ND	550	ug/Kg	05/22/11		KCA	SW 8270
Carbazole	ND	1000	ug/Kg	05/22/11		KCA	SW 8270
Chrysene	ND	550	ug/Kg	05/22/11		KCA	SW 8270
Dibenz(a,h)anthracene	ND	550	ug/Kg	05/22/11		KCA	SW 8270
Dibenzofuran	ND	550	ug/Kg	05/22/11		KCA	SW 8270
Diethyl phthalate	ND	550	ug/Kg	05/22/11		KCA	SW 8270
Dimethylphthalate	ND	550	ug/Kg	05/22/11		KCA	SW 8270
Di-n-butylphthalate	ND	550	ug/Kg	05/22/11		KCA	SW 8270
Di-n-octylphthalate	ND	550	ug/Kg	05/22/11		KCA	SW 8270
Fluoranthene	ND	550	ug/Kg	05/22/11		KCA	SW 8270
Fluorene	ND	550	ug/Kg	05/22/11		KCA	SW 8270
Hexachlorobenzene	ND	550	ug/Kg	05/22/11		KCA	SW 8270
Hexachlorobutadiene	ND	550	ug/Kg	05/22/11		KCA	SW 8270

Parameter	Result	RL	Units	Date	Time	By	Reference
Hexachlorocyclopentadiene	ND	550	ug/Kg	05/22/11		KCA	SW 8270
Hexachloroethane	ND	550	ug/Kg	05/22/11		KCA	SW 8270
Indeno(1,2,3-cd)pyrene	ND	550	ug/Kg	05/22/11		KCA	SW 8270
Isophorone	ND	550	ug/Kg	05/22/11		KCA	SW 8270
Naphthalene	ND	550	ug/Kg	05/22/11		KCA	SW 8270
Nitrobenzene	ND	550	ug/Kg	05/22/11		KCA	SW 8270
N-Nitrosodimethylamine	ND	790	ug/Kg	05/22/11		KCA	SW 8270
N-Nitrosodi-n-propylamine	ND	550	ug/Kg	05/22/11		KCA	SW 8270
N-Nitrosodiphenylamine	ND	790	ug/Kg	05/22/11		KCA	SW 8270
Pentachloronitrobenzene	ND	790	ug/Kg	05/22/11		KCA	SW 8270
Pentachlorophenol	ND	790	ug/Kg	05/22/11		KCA	SW 8270
Phenanthrene	ND	550	ug/Kg	05/22/11		KCA	SW 8270
Phenol	ND	550	ug/Kg	05/22/11		KCA	SW 8270
Pyrene	ND	550	ug/Kg	05/22/11		KCA	SW 8270
Pyridine	ND	790	ug/Kg	05/22/11		KCA	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	68		%	05/22/11		KCA	SW 8270
% 2-Fluorobiphenyl	54		%	05/22/11		KCA	SW 8270
% 2-Fluorophenol	63		%	05/22/11		KCA	SW 8270
% Nitrobenzene-d5	51		%	05/22/11		KCA	SW 8270
% Phenol-d5	58		%	05/22/11		KCA	SW 8270
% Terphenyl-d14	55		%	05/22/11		KCA	SW 8270
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	12	mg/Kg	05/23/11		JRB	CT ETPH/8015
Identification	ND		mg/Kg	05/23/11		JRB	CT ETPH/8015
QA/QC Surrogates							
% n-Pentacosane	80		%	05/23/11		JRB	CT ETPH/8015
Polychlorinated Biphenyls							
PCB-1016	ND	390	ug/Kg	05/23/11		MH	SW 8082
PCB-1221	ND	390	ug/Kg	05/23/11		MH	SW 8082
PCB-1232	ND	390	ug/Kg	05/23/11		MH	SW 8082
PCB-1242	ND	390	ug/Kg	05/23/11		MH	SW 8082
PCB-1248	ND	390	ug/Kg	05/23/11		MH	SW 8082
PCB-1254	ND	390	ug/Kg	05/23/11		MH	SW 8082
PCB-1260	ND	390	ug/Kg	05/23/11		MH	SW 8082
PCB-1262	ND	390	ug/Kg	05/23/11		MH	SW 8082
PCB-1268	ND	390	ug/Kg	05/23/11		MH	SW 8082
QA/QC Surrogates							
% DCBP	82		%	05/23/11		MH	SW 8082
% TCMX	93		%	05/23/11		MH	SW 8082
Pesticides							
4,4' -DDD	ND	37	ug/Kg	05/23/11		MR	SW8081
4,4' -DDE	ND	37	ug/Kg	05/23/11		MR	SW8081
4,4' -DDT	ND	37	ug/Kg	05/23/11		MR	SW8081
a-BHC	ND	19	ug/Kg	05/23/11		MR	SW8081
Alachlor	ND	19	ug/Kg	05/23/11		MR	SW8081
Aldrin	ND	5.8	ug/Kg	05/23/11		MR	SW8081

Project ID: CLINTON RR STATION
Client ID: GP-3 (4-6)

Phoenix I.D.: BA33516

Parameter	Result	RL	Units	Date	Time	By	Reference
b-BHC	ND	19	ug/Kg	05/23/11		MR	SW8081
Chlordane	ND	58	ug/Kg	05/23/11		MR	SW8081
d-BHC	ND	19	ug/Kg	05/23/11		MR	SW8081
Dieldrin	ND	5.8	ug/Kg	05/23/11		MR	SW8081
Endosulfan I	ND	19	ug/Kg	05/23/11		MR	SW8081
Endosulfan II	ND	37	ug/Kg	05/23/11		MR	SW8081
Endosulfan sulfate	ND	37	ug/Kg	05/23/11		MR	SW8081
Endrin	ND	37	ug/Kg	05/23/11		MR	SW8081
Endrin aldehyde	ND	37	ug/Kg	05/23/11		MR	SW8081
Endrin ketone	ND	37	ug/Kg	05/23/11		MR	SW8081
g-BHC	ND	5.8	ug/Kg	05/23/11		MR	SW8081
Heptachlor	ND	12	ug/Kg	05/23/11		MR	SW8081
Heptachlor epoxide	ND	19	ug/Kg	05/23/11		MR	SW8081
Methoxychlor	ND	190	ug/Kg	05/23/11		MR	SW8081
Toxaphene	ND	190	ug/Kg	05/23/11		MR	SW8081
QA/QC Surrogates							
% DCBP	73		%	05/23/11		MR	SW8081
% TCMX	82		%	05/23/11		MR	SW8081

Comments:

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

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

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Phyllis Shiller, Laboratory Director
May 31, 2011

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

May 27, 2011

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		05/20/11	9:55
Location Code:	TRC-NONDAS | GP-3	Received by:	LB	05/20/11	13:29
Rush Request:	RUSH##	Analyzed by:	see "By" below		
P.O.#:	33626				

Laboratory Data

SDG ID: GBA33511
Phoenix ID: BA33517

Project ID: CLINTON RR STATION

Client ID: GP-3 (6-8)

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.39	0.39	mg/Kg	05/24/11		LK	6010/200.7
Arsenic	< 0.78	0.78	mg/Kg	05/21/11		LK	6010/200.7
Barium	45.8	0.39	mg/Kg	05/24/11		LK	6010/200.7
Cadmium	< 0.39	0.39	mg/Kg	05/21/11		LK	6010/200.7
Chromium	10.6	0.39	mg/Kg	05/21/11		LK	6010/200.7
Mercury	< 0.08	0.08	mg/Kg	05/23/11		RS	SW-7471
Lead	2.30	0.39	mg/Kg	05/21/11		LK	6010/200.7
Selenium	< 1.6	1.6	mg/Kg	05/21/11		LK	6010/200.7
SPLP Silver	< 0.010	0.010	mg/L	05/23/11		LK	E1312/SW6010
SPLP Arsenic	< 0.004	0.004	mg/L	05/23/11		LK	E1312/SW6010
SPLP Barium	< 0.010	0.010	mg/L	05/23/11		LK	E1312/SW6010
SPLP Cadmium	< 0.005	0.005	mg/L	05/23/11		LK	E1312/SW6010
SPLP Chromium	< 0.010	0.010	mg/L	05/23/11		LK	E1312/SW6010
SPLP Mercury	< 0.0004	0.0004	mg/L	05/23/11		RS	1312/SW7471
SPLP Lead	< 0.010	0.010	mg/L	05/23/11		LK	E1312/SW6010
SPLP Selenium	< 0.020	0.020	mg/L	05/23/11		LK	E1312/SW6010
Percent Solid	88		%	05/20/11		JL	E160.3
Soil Extraction for PCB	Completed			05/20/11		RB	SW3545
Soil Extraction for Pesticide	Completed			05/20/11		RB/R	SW3545
Soil Extraction for SVOA	Completed			05/20/11		RB/F	SW3545
Extraction of CT ETPH	Completed			05/20/11		NS/F	3545
Mercury Digestion	Completed			05/23/11			SW7471
Soil Extraction for Herbicide	Completed			05/20/11		J/D	SW8151
SPLP Digestion Mercury	Completed			05/23/11			E1312/SW7470
SPLP Extraction for Metals	Completed			05/20/11		X	EPA 1312
Total Metals Digest	Completed			05/20/11		AG/R	SW846 - 3050
SPLP Metals Digestion	Completed			05/23/11			SW846-3005
Field Extraction	Completed			05/20/11		TRC	SW5035

Project ID: CLINTON RR STATION
Client ID: GP-3 (6-8)

Phoenix I.D.: BA33517

Parameter	Result	RL	Units	Date	Time	By	Reference
Chlorinated Herbicides							
2,4,5-T	ND	47	ug/Kg	05/23/11		JRB	SW8151
2,4,5-TP (Silvex)	ND	47	ug/Kg	05/23/11		JRB	SW8151
2,4-D	ND	47	ug/Kg	05/23/11		JRB	SW8151
2,4-DB	ND	470	ug/Kg	05/23/11		JRB	SW8151
Dalapon	ND	47	ug/Kg	05/23/11		JRB	SW8151
Dicamba	ND	95	ug/Kg	05/23/11		JRB	SW8151
Dichloroprop	ND	47	ug/Kg	05/23/11		JRB	SW8151
Dinoseb	ND	95	ug/Kg	05/23/11		JRB	SW8151
QA/QC Surrogates							
% DCAA	92		%	05/23/11		JRB	SW8151
Volatiles							
1,1,1,2-Tetrachloroethane	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
1,1,1-Trichloroethane	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	2.5	ug/Kg	05/21/11		R/J	SW8260
1,1,2-Trichloroethane	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
1,1-Dichloroethane	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
1,1-Dichloroethene	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
1,1-Dichloropropene	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
1,2,3-Trichlorobenzene	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
1,2,3-Trichloropropane	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
1,2,4-Trichlorobenzene	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
1,2,4-Trimethylbenzene	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
1,2-Dichlorobenzene	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
1,2-Dichloroethane	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
1,2-Dichloropropane	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
1,3,5-Trimethylbenzene	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
1,3-Dichlorobenzene	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
1,3-Dichloropropane	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
1,4-Dichlorobenzene	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
2,2-Dichloropropane	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
2-Chlorotoluene	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
2-Hexanone	ND	21	ug/Kg	05/21/11		R/J	SW8260
2-Isopropyltoluene	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
4-Chlorotoluene	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
4-Methyl-2-pentanone	ND	21	ug/Kg	05/21/11		R/J	SW8260
Acetone	ND	83	ug/Kg	05/21/11		R/J	SW8260
Acrylonitrile	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
Benzene	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
Bromobenzene	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
Bromochloromethane	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
Bromodichloromethane	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
Bromoform	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
Bromomethane	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
Carbon Disulfide	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
Carbon tetrachloride	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
Chlorobenzene	ND	4.1	ug/Kg	05/21/11		R/J	SW8260

Project ID: CLINTON RR STATION
Client ID: GP-3 (6-8)

Phoenix I.D.: BA33517

Parameter	Result	RL	Units	Date	Time	By	Reference
Chloroethane	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
Chloroform	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
Chloromethane	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
cis-1,2-Dichloroethene	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
cis-1,3-Dichloropropene	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
Dibromochloromethane	ND	2.5	ug/Kg	05/21/11		R/J	SW8260
Dibromoethane	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
Dibromomethane	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
Dichlorodifluoromethane	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
Ethylbenzene	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
Hexachlorobutadiene	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
Isopropylbenzene	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
m&p-Xylene	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
Methyl Ethyl Ketone	ND	25	ug/Kg	05/21/11		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	8.3	ug/Kg	05/21/11		R/J	SW8260
Methylene chloride	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
Naphthalene	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
n-Butylbenzene	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
n-Propylbenzene	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
o-Xylene	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
p-Isopropyltoluene	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
sec-Butylbenzene	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
Styrene	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
tert-Butylbenzene	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
Tetrachloroethene	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
Tetrahydrofuran (THF)	ND	8.3	ug/Kg	05/21/11		R/J	SW8260
Toluene	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
Total Xylenes	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
trans-1,2-Dichloroethene	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
trans-1,3-Dichloropropene	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	8.3	ug/Kg	05/21/11		R/J	SW8260
Trichloroethene	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
Trichlorofluoromethane	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
Trichlorotrifluoroethane	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
Vinyl chloride	ND	4.1	ug/Kg	05/21/11		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	103		%	05/21/11		R/J	SW8260
% Bromofluorobenzene	92		%	05/21/11		R/J	SW8260
% Dibromofluoromethane	101		%	05/21/11		R/J	SW8260
% Toluene-d8	103		%	05/21/11		R/J	SW8260
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	260	ug/Kg	05/22/11		KCA	SW 8270
1,2,4-Trichlorobenzene	ND	260	ug/Kg	05/22/11		KCA	SW 8270
1,2-Dichlorobenzene	ND	260	ug/Kg	05/22/11		KCA	SW 8270
1,3-Dichlorobenzene	ND	260	ug/Kg	05/22/11		KCA	SW 8270
1,4-Dichlorobenzene	ND	260	ug/Kg	05/22/11		KCA	SW 8270
2,4,5-Trichlorophenol	ND	260	ug/Kg	05/22/11		KCA	SW 8270
2,4,6-Trichlorophenol	ND	260	ug/Kg	05/22/11		KCA	SW 8270
2,4-Dichlorophenol	ND	260	ug/Kg	05/22/11		KCA	SW 8270

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Parameter	Result	RL	Units	Date	Time	By	Reference
2,4-Dimethylphenol	ND	260	ug/Kg	05/22/11		KCA	SW 8270
2,4-Dinitrophenol	ND	600	ug/Kg	05/22/11		KCA	SW 8270
2,4-Dinitrotoluene	ND	260	ug/Kg	05/22/11		KCA	SW 8270
2,6-Dinitrotoluene	ND	260	ug/Kg	05/22/11		KCA	SW 8270
2-Chloronaphthalene	ND	260	ug/Kg	05/22/11		KCA	SW 8270
2-Chlorophenol	ND	260	ug/Kg	05/22/11		KCA	SW 8270
2-Methylnaphthalene	ND	260	ug/Kg	05/22/11		KCA	SW 8270
2-Methylphenol (o-cresol)	ND	260	ug/Kg	05/22/11		KCA	SW 8270
2-Nitroaniline	ND	600	ug/Kg	05/22/11		KCA	SW 8270
2-Nitrophenol	ND	260	ug/Kg	05/22/11		KCA	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	370	ug/Kg	05/22/11		KCA	SW 8270
3,3'-Dichlorobenzidine	ND	330J	ug/Kg	05/22/11		KCA	SW 8270
3-Nitroaniline	ND	600	ug/Kg	05/22/11		KCA	SW 8270
4,6-Dinitro-2-methylphenol	ND	1100	ug/Kg	05/22/11		KCA	SW 8270
4-Bromophenyl phenyl ether	ND	370	ug/Kg	05/22/11		KCA	SW 8270
4-Chloro-3-methylphenol	ND	260	ug/Kg	05/22/11		KCA	SW 8270
4-Chloroaniline	ND	260	ug/Kg	05/22/11		KCA	SW 8270
4-Chlorophenyl phenyl ether	ND	260	ug/Kg	05/22/11		KCA	SW 8270
4-Nitroaniline	ND	600	ug/Kg	05/22/11		KCA	SW 8270
4-Nitrophenol	ND	1100	ug/Kg	05/22/11		KCA	SW 8270
Acenaphthene	ND	260	ug/Kg	05/22/11		KCA	SW 8270
Acenaphthylene	ND	260	ug/Kg	05/22/11		KCA	SW 8270
Acetophenone	ND	260	ug/Kg	05/22/11		KCA	SW 8270
Aniline	ND	1100	ug/Kg	05/22/11		KCA	SW 8270
Anthracene	ND	260	ug/Kg	05/22/11		KCA	SW 8270
Azobenzene	ND	370	ug/Kg	05/22/11		KCA	SW 8270
Benz(a)anthracene	ND	260	ug/Kg	05/22/11		KCA	SW 8270
Benzidine	ND	450	ug/Kg	05/22/11		KCA	SW 8270
Benzo(a)pyrene	ND	260	ug/Kg	05/22/11		KCA	SW 8270
Benzo(b)fluoranthene	ND	260	ug/Kg	05/22/11		KCA	SW 8270
Benzo(ghi)perylene	ND	260	ug/Kg	05/22/11		KCA	SW 8270
Benzo(k)fluoranthene	ND	260	ug/Kg	05/22/11		KCA	SW 8270
Benzoic acid	ND	1100	ug/Kg	05/22/11		KCA	SW 8270
Benzyl butyl phthalate	ND	260	ug/Kg	05/22/11		KCA	SW 8270
Bis(2-chloroethoxy)methane	ND	260	ug/Kg	05/22/11		KCA	SW 8270
Bis(2-chloroethyl)ether	ND	370	ug/Kg	05/22/11		KCA	SW 8270
Bis(2-chloroisopropyl)ether	ND	260	ug/Kg	05/22/11		KCA	SW 8270
Bis(2-ethylhexyl)phthalate	ND	260	ug/Kg	05/22/11		KCA	SW 8270
Carbazole	ND	560	ug/Kg	05/22/11		KCA	SW 8270
Chrysene	ND	260	ug/Kg	05/22/11		KCA	SW 8270
Dibenz(a,h)anthracene	ND	260	ug/Kg	05/22/11		KCA	SW 8270
Dibenzofuran	ND	260	ug/Kg	05/22/11		KCA	SW 8270
Diethyl phthalate	ND	260	ug/Kg	05/22/11		KCA	SW 8270
Dimethylphthalate	ND	260	ug/Kg	05/22/11		KCA	SW 8270
Di-n-butylphthalate	ND	260	ug/Kg	05/22/11		KCA	SW 8270
Di-n-octylphthalate	ND	260	ug/Kg	05/22/11		KCA	SW 8270
Fluoranthene	ND	260	ug/Kg	05/22/11		KCA	SW 8270
Fluorene	ND	260	ug/Kg	05/22/11		KCA	SW 8270
Hexachlorobenzene	ND	260	ug/Kg	05/22/11		KCA	SW 8270
Hexachlorobutadiene	ND	260	ug/Kg	05/22/11		KCA	SW 8270

Parameter	Result	RL	Units	Date	Time	By	Reference
Hexachlorocyclopentadiene	ND	260	ug/Kg	05/22/11		KCA	SW 8270
Hexachloroethane	ND	260	ug/Kg	05/22/11		KCA	SW 8270
Indeno(1,2,3-cd)pyrene	ND	260	ug/Kg	05/22/11		KCA	SW 8270
Isophorone	ND	260	ug/Kg	05/22/11		KCA	SW 8270
Naphthalene	ND	260	ug/Kg	05/22/11		KCA	SW 8270
Nitrobenzene	ND	260	ug/Kg	05/22/11		KCA	SW 8270
N-Nitrosodimethylamine	ND	370	ug/Kg	05/22/11		KCA	SW 8270
N-Nitrosodi-n-propylamine	ND	260	ug/Kg	05/22/11		KCA	SW 8270
N-Nitrosodiphenylamine	ND	370	ug/Kg	05/22/11		KCA	SW 8270
Pentachloronitrobenzene	ND	370	ug/Kg	05/22/11		KCA	SW 8270
Pentachlorophenol	ND	370	ug/Kg	05/22/11		KCA	SW 8270
Phenanthrene	ND	260	ug/Kg	05/22/11		KCA	SW 8270
Phenol	ND	260	ug/Kg	05/22/11		KCA	SW 8270
Pyrene	ND	260	ug/Kg	05/22/11		KCA	SW 8270
Pyridine	ND	370	ug/Kg	05/22/11		KCA	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	96		%	05/22/11		KCA	SW 8270
% 2-Fluorobiphenyl	78		%	05/22/11		KCA	SW 8270
% 2-Fluorophenol	86		%	05/22/11		KCA	SW 8270
% Nitrobenzene-d5	66		%	05/22/11		KCA	SW 8270
% Phenol-d5	80		%	05/22/11		KCA	SW 8270
% Terphenyl-d14	83		%	05/22/11		KCA	SW 8270
TPH by GC (Extractable Products)							
Ext. Petroleum HC	140	11	mg/Kg	05/24/11		JRB	CT ETPH/8015
Identification	**		mg/Kg	05/24/11		JRB	CT ETPH/8015
QA/QC Surrogates							
% n-Pentacosane	93		%	05/24/11		JRB	CT ETPH/8015
Polychlorinated Biphenyls							
PCB-1016	ND	380	ug/Kg	05/23/11		MH	SW 8082
PCB-1221	ND	380	ug/Kg	05/23/11		MH	SW 8082
PCB-1232	ND	380	ug/Kg	05/23/11		MH	SW 8082
PCB-1242	ND	380	ug/Kg	05/23/11		MH	SW 8082
PCB-1248	ND	380	ug/Kg	05/23/11		MH	SW 8082
PCB-1254	ND	380	ug/Kg	05/23/11		MH	SW 8082
PCB-1260	ND	380	ug/Kg	05/23/11		MH	SW 8082
PCB-1262	ND	380	ug/Kg	05/23/11		MH	SW 8082
PCB-1268	ND	380	ug/Kg	05/23/11		MH	SW 8082
QA/QC Surrogates							
% DCBP	100		%	05/23/11		MH	SW 8082
% TCMX	106		%	05/23/11		MH	SW 8082
Pesticides							
4,4' -DDD	ND	36	ug/Kg	05/23/11		MR	SW8081
4,4' -DDE	ND	36	ug/Kg	05/23/11		MR	SW8081
4,4' -DDT	ND	36	ug/Kg	05/23/11		MR	SW8081
a-BHC	ND	18	ug/Kg	05/23/11		MR	SW8081
Alachlor	ND	18	ug/Kg	05/23/11		MR	SW8081
Aldrin	ND	5.6	ug/Kg	05/23/11		MR	SW8081

Project ID: CLINTON RR STATION
Client ID: GP-3 (6-8)

Phoenix I.D.: BA33517

Parameter	Result	RL	Units	Date	Time	By	Reference
b-BHC	ND	18	ug/Kg	05/23/11		MR	SW8081
Chlordane	ND	56	ug/Kg	05/23/11		MR	SW8081
d-BHC	ND	18	ug/Kg	05/23/11		MR	SW8081
Dieldrin	ND	5.6	ug/Kg	05/23/11		MR	SW8081
Endosulfan I	ND	18	ug/Kg	05/23/11		MR	SW8081
Endosulfan II	ND	36	ug/Kg	05/23/11		MR	SW8081
Endosulfan sulfate	ND	36	ug/Kg	05/23/11		MR	SW8081
Endrin	ND	36	ug/Kg	05/23/11		MR	SW8081
Endrin aldehyde	ND	36	ug/Kg	05/23/11		MR	SW8081
Endrin ketone	ND	36	ug/Kg	05/23/11		MR	SW8081
g-BHC	ND	5.6	ug/Kg	05/23/11		MR	SW8081
Heptachlor	ND	11	ug/Kg	05/23/11		MR	SW8081
Heptachlor epoxide	ND	18	ug/Kg	05/23/11		MR	SW8081
Methoxychlor	ND	180	ug/Kg	05/23/11		MR	SW8081
Toxaphene	ND	180	ug/Kg	05/23/11		MR	SW8081
QA/QC Surrogates							
% DCBP	86		%	05/23/11		MR	SW8081
% TCMX	90		%	05/23/11		MR	SW8081

Comments:

**Petroleum hydrocarbon chromatogram was not a perfect match with any of the standards,
but contains a distribution in the C12 to C24 range. The sample was quantitated against a C9-C36 standard.

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

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

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Phyllis Shiller, Laboratory Director
May 31, 2011

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

May 27, 2011

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

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:		05/20/11	11:30
Location Code:	TRC-NONDAS | FB0	Received by:	LB	05/20/11	13:29
Rush Request:	RUSH##	Analyzed by:	see "By" below		
P.O.#:	33626				

Laboratory Data

SDG ID: GBA33511
Phoenix ID: BA33518

Project ID: CLINTON RR STATION

Client ID: FB052011

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.001	0.001	mg/L	05/24/11		EK	6010/200.7
Arsenic	< 0.004	0.004	mg/L	05/21/11		EK	6010/200.7
Barium	< 0.002	0.002	mg/L	05/24/11		EK	6010/200.7
Cadmium	< 0.001	0.001	mg/L	05/21/11		EK	6010/200.7
Chromium	< 0.001	0.001	mg/L	05/21/11		EK	6010/200.7
Mercury	< 0.0002	0.0002	mg/L	05/23/11		RS	7470/E245.1
Lead	< 0.002	0.002	mg/L	05/21/11		EK	6010/200.7
Selenium	< 0.010	0.010	mg/L	05/21/11		EK	6010/200.7
SPLP Silver	< 0.010	0.010	mg/L	05/23/11		LK	E1312/SW6010
SPLP Arsenic	< 0.004	0.004	mg/L	05/23/11		LK	E1312/SW6010
SPLP Barium	0.050	0.010	mg/L	05/23/11		LK	E1312/SW6010
SPLP Cadmium	< 0.005	0.005	mg/L	05/23/11		LK	E1312/SW6010
SPLP Chromium	< 0.010	0.010	mg/L	05/23/11		LK	E1312/SW6010
SPLP Mercury	< 0.0004	0.0004	mg/L	05/23/11		RS	1312/SW7471
SPLP Lead	< 0.010	0.010	mg/L	05/23/11		LK	E1312/SW6010
SPLP Selenium	< 0.020	0.020	mg/L	05/23/11		LK	E1312/SW6010
Extraction of CT ETPH	Completed			05/20/11		FR/E	3510/3520
Mercury Digestion	Completed			05/23/11			7471/245.1
Extraction for Herbicide	Completed			05/22/11		D	SW8151
PCB Extraction	Completed			05/20/11		T	SW3510C
Extraction for Pest (2 Liter)	Completed			05/20/11		T	SW3510
Semi-Volatile Extraction	Completed			05/20/11		R/D	SW3520
SPLP Digestion Mercury	Completed			05/23/11			E1312/SW7470
SPLP Extraction for Metals	Completed			05/20/11		X	EPA 1312
Total Metals Digestion	Completed			05/20/11		AG	
SPLP Metals Digestion	Completed			05/23/11			SW846-3005

Project ID: CLINTON RR STATION
Client ID: FB052011

Phoenix I.D.: BA33518

Parameter	Result	RL	Units	Date	Time	By	Reference
Pesticides							
4,4' -DDD	ND	0.1	ug/L	05/23/11		MR	SW8081
4,4' -DDE	ND	0.1	ug/L	05/23/11		MR	SW8081
4,4' -DDT	ND	0.1	ug/L	05/23/11		MR	SW8081
a-BHC	ND	0.05	ug/L	05/23/11		MR	SW8081
Alachlor	ND	0.1	ug/L	05/23/11		MR	SW8081
Aldrin	ND	0.003	ug/L	05/23/11		MR	SW8081
b-BHC	ND	0.01	ug/L	05/23/11		MR	SW8081
Chlordane	ND	0.3	ug/L	05/23/11		MR	SW8081
d-BHC	ND	0.05	ug/L	05/23/11		MR	SW8081
Dieldrin	ND	0.002	ug/L	05/23/11		MR	SW8081
Endosulfan I	ND	0.05	ug/L	05/23/11		MR	SW8081
Endosulfan II	ND	0.1	ug/L	05/23/11		MR	SW8081
Endosulfan Sulfate	ND	0.1	ug/L	05/23/11		MR	SW8081
Endrin	ND	0.1	ug/L	05/23/11		MR	SW8081
Endrin Aldehyde	ND	0.1	ug/L	05/23/11		MR	SW8081
Endrin ketone	ND	0.1	ug/L	05/23/11		MR	SW8081
g-BHC (Lindane)	ND	0.05	ug/L	05/23/11		MR	SW8081
Heptachlor	ND	0.05	ug/L	05/23/11		MR	SW8081
Heptachlor epoxide	ND	0.05	ug/L	05/23/11		MR	SW8081
Methoxychlor	ND	0.2	ug/L	05/23/11		MR	SW8081
Toxaphene	ND	1.0	ug/L	05/23/11		MR	SW8081
QA/QC Surrogates							
%DCBP (Surrogate Rec)	86		%	05/23/11		MR	SW8081
%TCMX (Surrogate Rec)	68		%	05/23/11		MR	SW8081
Chlorinated Herbicides							
2,4,5-T	ND	1.2	ug/L	05/24/11		JRB	SW8151
2,4,5-TP (Silvex)	ND	1.2	ug/L	05/24/11		JRB	SW8151
2,4-D	ND	1.2	ug/L	05/24/11		JRB	SW8151
2,4-DB	ND	12	ug/L	05/24/11		JRB	SW8151
Dalapon	ND	1.2	ug/L	05/24/11		JRB	SW8151
Dicamba	ND	2.5	ug/L	05/24/11		JRB	SW8151
Dichloroprop	ND	1.2	ug/L	05/24/11		JRB	SW8151
Dinoseb	ND	2.5	ug/L	05/24/11		JRB	SW8151
QA/QC Surrogates							
% DCAA	105		%	05/24/11		JRB	SW8151
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	05/20/11		R/T	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	05/20/11		R/T	SW8260
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	05/20/11		R/T	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	05/20/11		R/T	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	05/20/11		R/T	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	05/20/11		R/T	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	05/20/11		R/T	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	05/20/11		R/T	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	05/20/11		R/T	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	05/20/11		R/T	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	05/20/11		R/T	SW8260

Project ID: CLINTON RR STATION
Client ID: FB052011

Phoenix I.D.: BA33518

Parameter	Result	RL	Units	Date	Time	By	Reference
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	05/20/11		R/T	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	05/20/11		R/T	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	05/20/11		R/T	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	05/20/11		R/T	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	05/20/11		R/T	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	05/20/11		R/T	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	05/20/11		R/T	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	05/20/11		R/T	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	05/20/11		R/T	SW8260
2-Chlorotoluene	ND	1.0	ug/L	05/20/11		R/T	SW8260
2-Hexanone	ND	5.0	ug/L	05/20/11		R/T	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	05/20/11		R/T	SW8260
4-Chlorotoluene	ND	1.0	ug/L	05/20/11		R/T	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	05/20/11		R/T	SW8260
Acetone	ND	25	ug/L	05/20/11		R/T	SW8260
Acrylonitrile	ND	5.0	ug/L	05/20/11		R/T	SW8260
Benzene	ND	1.0	ug/L	05/20/11		R/T	SW8260
Bromobenzene	ND	1.0	ug/L	05/20/11		R/T	SW8260
Bromochloromethane	ND	1.0	ug/L	05/20/11		R/T	SW8260
Bromodichloromethane	ND	0.50	ug/L	05/20/11		R/T	SW8260
Bromoform	ND	1.0	ug/L	05/20/11		R/T	SW8260
Bromomethane	ND	1.0	ug/L	05/20/11		R/T	SW8260
Carbon Disulfide	ND	5.0	ug/L	05/20/11		R/T	SW8260
Carbon tetrachloride	ND	1.0	ug/L	05/20/11		R/T	SW8260
Chlorobenzene	ND	1.0	ug/L	05/20/11		R/T	SW8260
Chloroethane	ND	1.0	ug/L	05/20/11		R/T	SW8260
Chloroform	ND	1.0	ug/L	05/20/11		R/T	SW8260
Chloromethane	ND	1.0	ug/L	05/20/11		R/T	SW8260
cis-1,2-Dichloroethene	ND	1.0	ug/L	05/20/11		R/T	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	05/20/11		R/T	SW8260
Dibromochloromethane	ND	0.50	ug/L	05/20/11		R/T	SW8260
Dibromoethane	ND	1.0	ug/L	05/20/11		R/T	SW8260
Dibromomethane	ND	1.0	ug/L	05/20/11		R/T	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	05/20/11		R/T	SW8260
Ethylbenzene	ND	1.0	ug/L	05/20/11		R/T	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	05/20/11		R/T	SW8260
Isopropylbenzene	ND	1.0	ug/L	05/20/11		R/T	SW8260
m&p-Xylene	ND	1.0	ug/L	05/20/11		R/T	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	05/20/11		R/T	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	05/20/11		R/T	SW8260
Methylene chloride	ND	1.0	ug/L	05/20/11		R/T	SW8260
Naphthalene	ND	1.0	ug/L	05/20/11		R/T	SW8260
n-Butylbenzene	ND	1.0	ug/L	05/20/11		R/T	SW8260
n-Propylbenzene	ND	1.0	ug/L	05/20/11		R/T	SW8260
o-Xylene	ND	1.0	ug/L	05/20/11		R/T	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	05/20/11		R/T	SW8260
sec-Butylbenzene	ND	1.0	ug/L	05/20/11		R/T	SW8260
Styrene	ND	1.0	ug/L	05/20/11		R/T	SW8260
tert-Butylbenzene	ND	1.0	ug/L	05/20/11		R/T	SW8260
Tetrachloroethene	ND	1.0	ug/L	05/20/11		R/T	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference
Tetrahydrofuran (THF)	ND	5.0	ug/L	05/20/11		R/T	SW8260
Toluene	ND	1.0	ug/L	05/20/11		R/T	SW8260
Total Xylenes	ND	1.0	ug/L	05/20/11		R/T	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	05/20/11		R/T	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	05/20/11		R/T	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	05/20/11		R/T	SW8260
Trichloroethene	ND	1.0	ug/L	05/20/11		R/T	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	05/20/11		R/T	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	05/20/11		R/T	SW8260
Vinyl chloride	ND	1.0	ug/L	05/20/11		R/T	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	101		%	05/20/11		R/T	SW8260
% Bromofluorobenzene	95		%	05/20/11		R/T	SW8260
% Dibromofluoromethane	98		%	05/20/11		R/T	SW8260
% Toluene-d8	100		%	05/20/11		R/T	SW8260
Semivolatiles							
1,2,4-Trichlorobenzene	ND	5.0	ug/L	05/24/11		DD	SW8270
1,2-Dichlorobenzene	ND	5.0	ug/L	05/24/11		DD	SW8270
1,3-Dichlorobenzene	ND	5.0	ug/L	05/24/11		DD	SW8270
1,4-Dichlorobenzene	ND	5.0	ug/L	05/24/11		DD	SW8270
2,4,5-Trichlorophenol	ND	10	ug/L	05/24/11		DD	SW8270
2,4,6-Trichlorophenol	ND	10	ug/L	05/24/11		DD	SW8270
2,4-Dichlorophenol	ND	10	ug/L	05/24/11		DD	SW8270
2,4-Dimethylphenol	ND	10	ug/L	05/24/11		DD	SW8270
2,4-Dinitrophenol	ND	50	ug/L	05/24/11		DD	SW8270
2,4-Dinitrotoluene	ND	5.0	ug/L	05/24/11		DD	SW8270
2,6-Dinitrotoluene	ND	5.0	ug/L	05/24/11		DD	SW8270
2-Chloronaphthalene	ND	5.0	ug/L	05/24/11		DD	SW8270
2-Chlorophenol	ND	10	ug/L	05/24/11		DD	SW8270
2-Methylnaphthalene	ND	5.0	ug/L	05/24/11		DD	SW8270
2-Methylphenol (o-cresol)	ND	10	ug/L	05/24/11		DD	SW8270
2-Nitroaniline	ND	50	ug/L	05/24/11		DD	SW8270
2-Nitrophenol	ND	10	ug/L	05/24/11		DD	SW8270
3&4-Methylphenol (m&p-cresol)	ND	10	ug/L	05/24/11		DD	SW8270
3,3'-Dichlorobenzidine	ND	50	ug/L	05/24/11		DD	SW8270
3-Nitroaniline	ND	50	ug/L	05/24/11		DD	SW8270
4,6-Dinitro-2-methylphenol	ND	50	ug/L	05/24/11		DD	SW8270
4-Bromophenyl phenyl ether	ND	5.0	ug/L	05/24/11		DD	SW8270
4-Chloro-3-methylphenol	ND	20	ug/L	05/24/11		DD	SW8270
4-Chloroaniline	ND	20	ug/L	05/24/11		DD	SW8270
4-Chlorophenyl phenyl ether	ND	5.0	ug/L	05/24/11		DD	SW8270
4-Nitroaniline	ND	20	ug/L	05/24/11		DD	SW8270
4-Nitrophenol	ND	50	ug/L	05/24/11		DD	SW8270
Acetophenone	ND	5.0	ug/L	05/24/11		DD	SW8270
Aniline	ND	10	ug/L	05/24/11		DD	SW8270
Anthracene	ND	5.0	ug/L	05/24/11		DD	SW8270
Azobenzene	ND	5.0	ug/L	05/24/11		DD	SW8270
Benzidine	ND	50	ug/L	05/24/11		DD	SW8270
Benzoic acid	ND	50	ug/L	05/24/11		DD	SW8270

Parameter	Result	RL	Units	Date	Time	By	Reference
Benzyl butyl phthalate	ND	5.0	ug/L	05/24/11		DD	SW8270
Bis(2-chloroethoxy)methane	ND	5.0	ug/L	05/24/11		DD	SW8270
Bis(2-chloroethyl)ether	ND	5.0	ug/L	05/24/11		DD	SW8270
Bis(2-chloroisopropyl)ether	ND	5.0	ug/L	05/24/11		DD	SW8270
Carbazole	ND	5.0	ug/L	05/24/11		DD	SW8270
Dibenzofuran	ND	5.0	ug/L	05/24/11		DD	SW8270
Diethyl phthalate	ND	5.0	ug/L	05/24/11		DD	SW8270
Dimethylphthalate	ND	5.0	ug/L	05/24/11		DD	SW8270
Di-n-butylphthalate	ND	5.0	ug/L	05/24/11		DD	SW8270
Di-n-octylphthalate	ND	5.0	ug/L	05/24/11		DD	SW8270
Fluoranthene	ND	5.0	ug/L	05/24/11		DD	SW8270
Fluorene	ND	5.0	ug/L	05/24/11		DD	SW8270
Hexachlorobutadiene	ND	5.0	ug/L	05/24/11		DD	SW8270
Hexachlorocyclopentadiene	ND	5.0	ug/L	05/24/11		DD	SW8270
Isophorone	ND	5.0	ug/L	05/24/11		DD	SW8270
Naphthalene	ND	5.0	ug/L	05/24/11		DD	SW8270
Nitrobenzene	ND	5.0	ug/L	05/24/11		DD	SW8270
N-Nitrosodimethylamine	ND	5.0	ug/L	05/24/11		DD	SW8270
N-Nitrosodi-n-propylamine	ND	5.0	ug/L	05/24/11		DD	SW8270
N-Nitrosodiphenylamine	ND	5.0	ug/L	05/24/11		DD	SW8270
Phenol	ND	10	ug/L	05/24/11		DD	SW8270
Pyrene	ND	5.0	ug/L	05/24/11		DD	SW8270
Pyridine	ND	5.0	ug/L	05/24/11		DD	SW8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	92		%	05/24/11		DD	SW8270
% 2-Fluorobiphenyl	59		%	05/24/11		DD	SW8270
% 2-Fluorophenol	76		%	05/24/11		DD	SW8270
% Nitrobenzene-d5	72		%	05/24/11		DD	SW8270
% Phenol-d5	71		%	05/24/11		DD	SW8270
% Terphenyl-d14	72		%	05/24/11		DD	SW8270
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	1.6	ug/L	05/23/11		DD	SW8270 (SIM)
Acenaphthene	ND	0.050	ug/L	05/23/11		DD	SW8270 (SIM)
Acenaphthylene	ND	0.050	ug/L	05/23/11		DD	SW8270 (SIM)
Benz(a)anthracene	ND	0.040	ug/L	05/23/11		DD	SW8270 (SIM)
Benzo(a)pyrene	ND	0.050	ug/L	05/23/11		DD	SW8270 (SIM)
Benzo(b)fluoranthene	ND	0.050	ug/L	05/23/11		DD	SW8270 (SIM)
Benzo(ghi)perylene	ND	3.0	ug/L	05/23/11		DD	SW8270 (SIM)
Benzo(k)fluoranthene	ND	0.050	ug/L	05/23/11		DD	SW8270 (SIM)
Bis(2-ethylhexyl)phthalate	ND	1.6	ug/L	05/23/11		DD	SW8270 (SIM)
Chrysene	ND	0.050	ug/L	05/23/11		DD	SW8270 (SIM)
Dibenz(a,h)anthracene	ND	0.010	ug/L	05/23/11		DD	SW8270 (SIM)
Hexachlorobenzene	ND	0.060	ug/L	05/23/11		DD	SW8270 (SIM)
Hexachloroethane	ND	2.4	ug/L	05/23/11		DD	SW8270 (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.050	ug/L	05/23/11		DD	SW8270 (SIM)
Pentachloronitrobenzene	ND	0.10	ug/L	05/23/11		DD	SW8270 (SIM)
Pentachlorophenol	ND	0.80	ug/L	05/23/11		DD	SW8270 (SIM)
Phenanthrene	ND	0.050	ug/L	05/23/11		DD	SW8270 (SIM)
QA/QC Surrogates							

Project ID: CLINTON RR STATION
Client ID: FB052011

Phoenix I.D.: BA33518

Parameter	Result	RL	Units	Date	Time	By	Reference
% 2,4,6-Tribromophenol	92		%	05/23/11		DD	SW8270 (SIM)
% 2-Fluorobiphenyl	59		%	05/23/11		DD	SW8270 (SIM)
% 2-Fluorophenol	76		%	05/23/11		DD	SW8270 (SIM)
% Nitrobenzene-d5	72		%	05/23/11		DD	SW8270 (SIM)
% Phenol-d5	71		%	05/23/11		DD	SW8270 (SIM)
% Terphenyl-d14	72		%	05/23/11		DD	SW8270 (SIM)
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	0.070	mg/L	05/24/11		JRB	CTETPH/8015DRO
Identification	ND		mg/L	05/24/11		JRB	CTETPH/8015DRO
QA/QC Surrogates							
% n-Pentacosane	139		%	05/24/11		JRB	CTETPH/8015DRO
Polychlorinated Biphenyls							
PCB-1016	ND	0.10	ug/L	05/25/11		MH	608/ 8082
PCB-1221	ND	0.10	ug/L	05/25/11		MH	608/ 8082
PCB-1232	ND	0.10	ug/L	05/25/11		MH	608/ 8082
PCB-1242	ND	0.10	ug/L	05/25/11		MH	608/ 8082
PCB-1248	ND	0.10	ug/L	05/25/11		MH	608/ 8082
PCB-1254	ND	0.10	ug/L	05/25/11		MH	608/ 8082
PCB-1260	ND	0.10	ug/L	05/25/11		MH	608/ 8082
PCB-1262	ND	0.10	ug/L	05/25/11		MH	608/ 8082
PCB-1268	ND	0.10	ug/L	05/25/11		MH	608/ 8082
QA/QC Surrogates							
% DCBP	79		%	05/25/11		MH	608/ 8082
% TCMX	64		%	05/25/11		MH	608/ 8082

Comments:

FIELD BLANK INCLUDED

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

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

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Phyllis Shiller, Laboratory Director
May 31, 2011

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

May 31, 2011

QA/QC Data

SDG I.D.: GBA33511

Parameter	Blank	Dup RPD	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch 177193, QC Sample No: BA33162 (BA33511, BA33512, BA33513, BA33514, BA33515, BA33516, BA33517)								
ICP Metals - Soil								
Arsenic	BDL	NC	84.7	86.1	1.6	93.6	94.9	1.4
Barium	BDL	16.4	85.0	88.2	3.7	101	102	1.0
Cadmium	BDL	NC	90.8	92.9	2.3	98.9	97.7	1.2
Chromium	BDL	2.40	87.5	91.9	4.9	98.2	99.4	1.2
Lead	BDL	18.9	84.6	87.8	3.7	98.6	98.8	0.2
Selenium	BDL	NC	84.8	86.6	2.1	87.6	88.9	1.5
Silver	BDL	NC	83.5	86.7	3.8	97.0	96.8	0.2
QA/QC Batch 177302, QC Sample No: BA33481 (BA33511, BA33512, BA33513, BA33514, BA33515, BA33516, BA33517, BA33518)								
Mercury - Water	BDL	NC	92.4	89.7	3.0	65.1	64.0	1.7
QA/QC Batch 177306, QC Sample No: BA33511 (BA33511, BA33512, BA33513, BA33514, BA33515, BA33516, BA33517, BA33518)								
ICP Metals - SPLP								
Arsenic	BDL	NC	92.1	93.2	1.2	92.5	92.8	0.3
Barium	BDL	NC	104	105	1.0	105	105	0.0
Cadmium	BDL	NC	101	102	1.0	101	101	0.0
Chromium	BDL	NC	101	103	2.0	101	102	1.0
Lead	BDL	NC	101	103	2.0	101	101	0.0
Selenium	BDL	NC	98.3	100	1.7	99.2	98.5	0.7
Silver	BDL	NC	100	101	1.0	100	100	0.0
QA/QC Batch 177304, QC Sample No: BA33587 (BA33511, BA33512, BA33513, BA33514, BA33515, BA33516, BA33517)								
Mercury - Soil	BDL	NC	99.5	97.1	2.4	113	113	0.0
QA/QC Batch 177277, QC Sample No: BA33602 (BA33518)								
ICP Metals - Soil								
Chromium	BDL	2.40	82.6	85.9	3.9	94.2	93.7	0.5
Lead	BDL	NC	89.0	77.5	13.8	92.9	96.1	3.4

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

May 31, 2011

QA/QC Data

SDG I.D.: GBA33511

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch 177067, QC Sample No: BA31780 (BA33518)							
Polychlorinated Biphenyls							
PCB-1016	ND	88	86	2.3			
PCB-1221	ND						
PCB-1232	ND						
PCB-1242	ND						
PCB-1248	ND						
PCB-1254	ND						
PCB-1260	ND	87	84	3.5			
PCB-1262	ND						
PCB-1268	ND						
% DCBP (Surrogate Rec)	75	92	85	7.9			
% TCMX (Surrogate Rec)	80	80	82	2.5			
Comment:							
A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.							
QA/QC Batch 177338, QC Sample No: BA32945 (BA33511, BA33512, BA33513, BA33514, BA33515, BA33517)							
Volatiles							
1,1,1,2-Tetrachloroethane	ND	104	82	23.7	98	81	19.0
1,1,1-Trichloroethane	ND	98	77	24.0	93	78	17.5
1,1,2,2-Tetrachloroethane	ND	95	80	17.1	83	79	4.9
1,1,2-Trichloroethane	ND	101	81	22.0	96	88	8.7
1,1-Dichloroethane	ND	99	78	23.7	93	77	18.8
1,1-Dichloroethene	ND	93	70	28.2	86	68	23.4
1,1-Dichloropropene	ND	103	78	27.6	97	76	24.3
1,2,3-Trichlorobenzene	ND	85	70	19.4	75	66	12.8
1,2,3-Trichloropropane	ND	96	86	11.0	88	89	1.1
1,2,4-Trichlorobenzene	ND	73	60	19.5	66	57	14.6
1,2,4-Trimethylbenzene	ND	97	76	24.3	91	74	20.6
1,2-Dibromo-3-chloropropane	ND	95	84	12.3	81	84	3.6
1,2-Dichlorobenzene	ND	93	74	22.8	87	73	17.5
1,2-Dichloroethane	ND	96	80	18.2	94	83	12.4
1,2-Dichloropropane	ND	103	82	22.7	98	83	16.6
1,3,5-Trimethylbenzene	ND	99	76	26.3	91	74	20.6
1,3-Dichlorobenzene	ND	87	71	20.3	83	68	19.9
1,3-Dichloropropane	ND	102	84	19.4	95	85	11.1
1,4-Dichlorobenzene	ND	85	68	22.2	79	67	16.4
2,2-Dichloropropane	ND	90	72	22.2	83	70	17.0
2-Chlorotoluene	ND	96	74	25.9	89	72	21.1
2-Hexanone	ND	72	62	14.9	58	62	6.7
2-Isopropyltoluene	ND	104	78	28.6	97	77	23.0
4-Chlorotoluene	ND	90	71	23.6	86	69	21.9
4-Methyl-2-pentanone	ND	92	80	14.0	86	83	3.6

QA/QC Data

SDG I.D.: GBA33511

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
Acetone	ND	63	55	13.6	53	55	3.7
Acrylonitrile	ND	92	83	10.3	82	90	9.3
Benzene	ND	106	81	26.7	98	81	19.0
Bromobenzene	ND	95	77	20.9	88	76	14.6
Bromochloromethane	ND	98	79	21.5	93	83	11.4
Bromodichloromethane	ND	101	79	24.4	98	82	17.8
Bromoform	ND	99	85	15.2	95	83	13.5
Bromomethane	ND	101	78	25.7	95	73	26.2
Carbon Disulfide	ND	99	75	27.6	92	72	24.4
Carbon tetrachloride	ND	103	79	26.4	98	81	19.0
Chlorobenzene	ND	96	76	23.3	91	75	19.3
Chloroethane	ND	98	79	21.5	92	79	15.2
Chloroform	ND	98	80	20.2	91	79	14.1
Chloromethane	ND	94	78	18.6	89	81	9.4
cis-1,2-Dichloroethene	ND	113	93	19.4	104	93	11.2
cis-1,3-Dichloropropene	ND	96	80	18.2	89	80	10.7
Dibromochloromethane	ND	99	80	21.2	94	82	13.6
Dibromoethane	ND	100	87	13.9	98	92	6.3
Dibromomethane	ND	96	80	18.2	93	84	10.2
Dichlorodifluoromethane	ND	85	67	23.7	76	65	15.6
Ethylbenzene	ND	102	78	26.7	99	77	25.0
Hexachlorobutadiene	ND	88	65	30.1	81	62	26.6
Isopropylbenzene	ND	105	80	27.0	95	76	22.2
m&p-Xylene	ND	100	77	26.0	95	75	23.5
Methyl ethyl ketone	ND	71	61	15.2	58	61	5.0
Methyl t-butyl ether (MTBE)	ND	96	76	23.3	90	76	16.9
Methylene chloride	ND	89	69	25.3	85	72	16.6
Naphthalene	ND	102	86	17.0	76	85	11.2
n-Butylbenzene	ND	92	73	23.0	89	70	23.9
n-Propylbenzene	ND	93	72	25.5	87	70	21.7
o-Xylene	ND	105	81	25.8	99	79	22.5
p-Isopropyltoluene	ND	102	78	26.7	96	75	24.6
sec-Butylbenzene	ND	102	78	26.7	95	75	23.5
Styrene	ND	100	79	23.5	95	78	19.7
tert-Butylbenzene	ND	104	80	26.1	96	76	23.3
Tetrachloroethene	ND	94	75	22.5	89	70	23.9
Tetrahydrofuran (THF)	ND	93	85	9.0	87	89	2.3
Toluene	ND	105	81	25.8	102	81	23.0
trans-1,2-Dichloroethene	ND	83	61	30.6	78	56	32.8
trans-1,3-Dichloropropene	ND	91	79	14.1	88	83	5.8
trans-1,4-dichloro-2-butene	ND	86	80	7.2	74	78	5.3
Trichloroethene	ND	107	83	25.3	103	85	19.1
Trichlorofluoromethane	ND	115	84	31.2	107	82	26.5
Trichlorotrifluoroethane	ND	96	72	28.6	90	70	25.0
Vinyl chloride	ND	89	73	19.8	82	72	13.0
% 1,2-dichlorobenzene-d4	97	102	100	2.0	101	98	3.0
% Bromofluorobenzene	96	107	107	0.0	107	106	0.9
% Dibromofluoromethane	103	90	102	12.5	92	105	13.2
% Toluene-d8	103	101	101	0.0	103	100	3.0

QA/QC Batch 177226, QC Sample No: BA32949 (BA33518)

Chlorinated Herbicides

2,4,5-T	ND	52	54	3.8

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
2,4,5-TP (Silvex)	ND	61	59	3.3			
2,4-D	ND	49	57	15.1			
2,4-DB	ND	4.4	10	77.8			
Dalapon	ND	82	78	5.0			
Dicamba	ND	65	66	1.5			
Dichloroprop	ND	54	49	9.7			
Dinoseb	ND	17	18	5.7			
% DCAA (Surrogate Rec)	75	84	81	3.6			

Comment:

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

QA/QC Batch 177227, QC Sample No: BA32954 (BA33518)

Pesticides

4,4' -DDD	ND	>130	>130	NC			
4,4' -DDE	ND	105	105	0.0			
4,4' -DDT	ND	123	121	1.6			
a-BHC	ND	89	86	3.4			
Alachlor	ND	N/A	N/A	NC			
Aldrin	ND	86	83	3.6			
b-BHC	ND	90	89	1.1			
Chlordane	ND	N/A	N/A	NC			
d-BHC	ND	94	92	2.2			
Dieldrin	ND	86	84	2.4			
Endosulfan I	ND	78	75	3.9			
Endosulfan II	ND	76	74	2.7			
Endosulfan sulfate	ND	103	104	1.0			
Endrin	ND	93	92	1.1			
Endrin aldehyde	ND	102	97	5.0			
Endrin ketone	ND	111	111	0.0			
g-BHC	ND	88	84	4.7			
Heptachlor	ND	82	80	2.5			
Heptachlor epoxide	ND	86	85	1.2			
Methoxychlor	ND	>130	>130	NC			
Toxaphene	ND	N/A	N/A	NC			
% DCBP	90	105	110	4.7			
% TCMX	81	83	78	6.2			

Comment:

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

QA/QC Batch 177185, QC Sample No: BA33163 (BA33511, BA33512, BA33513, BA33514, BA33515, BA33516, BA33517)

Polychlorinated Biphenyls

PCB-1016	ND	97	96	1.0	94	117	21.8
PCB-1221	ND						
PCB-1232	ND						
PCB-1242	ND						
PCB-1248	ND						
PCB-1254	ND						
PCB-1260	ND	87	79	9.6	106	125	16.5
PCB-1262	ND						
PCB-1268	ND						
% DCBP (Surrogate Rec)	84	75	80	6.5	93	121	26.2
% TCMX (Surrogate Rec)	88	80	84	4.9	80	97	19.2

QA/QC Data

SDG I.D.: GBA33511

QA/QC Batch 177195, QC Sample No: BA33163 (BA33511, BA33512, BA33513, BA33514, BA33515, BA33516, BA33517)

Semivolatiles

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
1,2,4,5-Tetrachlorobenzene	ND	69	72	4.3	82	84	2.4
1,2,4-Trichlorobenzene	ND	70	73	4.2	84	86	2.4
1,2-Dichlorobenzene	ND	67	71	5.8	79	82	3.7
1,3-Dichlorobenzene	ND	65	69	6.0	76	79	3.9
1,4-Dichlorobenzene	ND	66	68	3.0	76	80	5.1
2,4,5-Trichlorophenol	ND	97	102	5.0	115	120	4.3
2,4,6-Trichlorophenol	ND	93	99	6.3	111	116	4.4
2,4-Dichlorophenol	ND	85	90	5.7	101	104	2.9
2,4-Dimethylphenol	ND	45	47	4.3	56	57	1.8
2,4-Dinitrophenol	ND	39	49	22.7	46	67	37.2
2,4-Dinitrotoluene	ND	89	99	10.6	112	111	0.9
2,6-Dinitrotoluene	ND	88	95	7.7	107	108	0.9
2-Chloronaphthalene	ND	76	81	6.4	92	94	2.2
2-Chlorophenol	ND	68	73	7.1	83	85	2.4
2-Methylnaphthalene	ND	71	75	5.5	86	88	2.3
2-Methylphenol (o-cresol)	ND	70	74	5.6	84	86	2.4
2-Nitroaniline	ND	>130	>130	NC	NC	NC	NC
2-Nitrophenol	ND	79	85	7.3	95	99	4.1
3&4-Methylphenol (m&p-cresol)	ND	69	73	5.6	83	85	2.4
3,3'-Dichlorobenzidine	ND	66	68	3.0	76	75	1.3
3-Nitroaniline	ND	>130	>130	NC	NC	NC	NC
4,6-Dinitro-2-methylphenol	ND	87	112	25.1	119	119	0.0
4-Bromophenyl phenyl ether	ND	81	84	3.6	97	99	2.0
4-Chloro-3-methylphenol	ND	70	74	5.6	86	86	0.0
4-Chloroaniline	ND	65	69	6.0	79	74	6.5
4-Chlorophenyl phenyl ether	ND	76	81	6.4	92	94	2.2
4-Nitroaniline	ND	83	91	9.2	103	103	0.0
4-Nitrophenol	ND	44	54	20.4	63	66	4.7
Acenaphthene	ND	75	80	6.5	93	95	2.1
Acenaphthylene	ND	76	80	5.1	95	96	1.0
Acetophenone	ND	62	65	4.7	75	77	2.6
Aniline	ND	N/A	N/A	NC	N/A	N/A	NC
Anthracene	ND	80	87	8.4	101	100	1.0
Azobenzene	ND	63	67	6.2	78	77	1.3
Benz(a)anthracene	ND	78	82	5.0	104	101	2.9
Benzidine	ND	101	101	0.0	101	101	0.0
Benzo(a)pyrene	ND	81	86	6.0	108	107	0.9
Benzo(b)fluoranthene	ND	87	92	5.6	100	103	3.0
Benzo(ghi)perylene	ND	76	84	10.0	104	98	5.9
Benzo(k)fluoranthene	ND	88	90	2.2	107	110	2.8
Benzoic acid	ND	N/A	N/A	NC	N/A	N/A	NC
Benzyl butyl phthalate	ND	72	72	0.0	87	91	4.5
Bis(2-chloroethoxy)methane	ND	64	68	6.1	76	79	3.9
Bis(2-chloroethyl)ether	ND	60	64	6.5	72	74	2.7
Bis(2-chloroisopropyl)ether	ND	64	68	6.1	77	79	2.6
Bis(2-ethylhexyl)phthalate	ND	86	86	0.0	97	102	5.0
Carbazole	ND	>130	>130	NC	NC	NC	NC
Chrysene	ND	77	80	3.8	103	102	1.0
Dibenz(a,h)anthracene	ND	86	93	7.8	111	103	7.5
Dibenzofuran	ND	77	82	6.3	95	94	1.1

QA/QC Data

SDG I.D.: GBA33511

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
Diethyl phthalate	ND	75	80	6.5	92	92	0.0
Dimethylphthalate	ND	77	82	6.3	93	94	1.1
Di-n-butylphthalate	ND	66	72	8.7	77	80	3.8
Di-n-octylphthalate	ND	74	73	1.4	84	86	2.4
Fluoranthene	ND	67	74	9.9	83	81	2.4
Fluorene	ND	80	86	7.2	100	100	0.0
Hexachlorobenzene	ND	72	74	2.7	87	88	1.1
Hexachlorobutadiene	ND	65	68	4.5	77	80	3.8
Hexachlorocyclopentadiene	ND	38	39	2.6	35	37	5.6
Hexachloroethane	ND	59	62	5.0	70	72	2.8
Indeno(1,2,3-cd)pyrene	ND	83	90	8.1	113	107	5.5
Isophorone	ND	57	61	6.8	69	71	2.9
Naphthalene	ND	68	71	4.3	81	84	3.6
Nitrobenzene	ND	59	64	8.1	73	74	1.4
N-Nitrosodimethylamine	ND	50	53	5.8	57	61	6.8
N-Nitrosodi-n-propylamine	ND	65	67	3.0	71	76	6.8
N-Nitrosodiphenylamine	ND	91	99	8.4	111	110	0.9
Pentachloronitrobenzene	ND	72	76	5.4	87	89	2.3
Pentachlorophenol	ND	60	70	15.4	71	81	13.2
Phenanthrene	ND	80	85	6.1	105	104	1.0
Phenol	ND	67	71	5.8	79	81	2.5
Pyrene	ND	64	69	7.5	87	86	1.2
Pyridine	ND	49	52	5.9	53	58	9.0
% 2,4,6-Tribromophenol	85	79	85	7.3	96	101	5.1
% 2-Fluorobiphenyl	70	77	82	6.3	91	95	4.3
% 2-Fluorophenol	68	66	71	7.3	78	83	6.2
% Nitrobenzene-d5	62	58	63	8.3	72	73	1.4
% Phenol-d5	64	66	71	7.3	78	81	3.8
% Terphenyl-d14	60	55	59	7.0	60	63	4.9

QA/QC Batch 177288, QC Sample No: BA33511 (BA33511, BA33512, BA33513, BA33514, BA33515, BA33516, BA33517)

Chlorinated Herbicides

2,4,5-T	ND	59	55	7.0	50	54	7.7
2,4,5-TP (Silvex)	ND	78	78	0.0	71	77	8.1
2,4-D	ND	51	51	0.0	46	50	8.3
2,4-DB	ND	113	113	0.0	108	115	6.3
Dalapon	ND	123	126	2.4	99	123	21.6
Dicamba	ND	92	102	10.3	96	98	2.1
Dichloroprop	ND	66	69	4.4	62	68	9.2
Dinoseb	ND	46	48	4.3	50	53	5.8
% DCAA (Surrogate Rec)	93	87	91	4.5	85	90	5.7

QA/QC Batch 177265, QC Sample No: BA33512 (BA33511, BA33512, BA33513, BA33514, BA33515, BA33516)

TPH by GC (Extractable Products)

Ext. Petroleum HC	ND	106	90	16.3	125	89	33.6
% n-Pentacosane	95	93	78	17.5	110	87	23.4

QA/QC Batch 177331, QC Sample No: BA33518 (BA33518)

Volatiles

1,1,1,2-Tetrachloroethane	ND	107	109	1.9	93	98	5.2
1,1,1-Trichloroethane	ND	100	105	4.9	86	87	1.2
1,1,2,2-Tetrachloroethane	ND	97	103	6.0	99	102	3.0
1,1,2-Trichloroethane	ND	95	107	11.9	96	96	0.0
1,1-Dichloroethane	ND	99	107	7.8	91	91	0.0

QA/QC Data

SDG I.D.: GBA33511

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
1,1-Dichloroethene	ND	120	94	24.3	97	101	4.0
1,1-Dichloropropene	ND	101	102	1.0	80	84	4.9
1,2,3-Trichlorobenzene	ND	112	103	8.4	80	106	28.0
1,2,3-Trichloropropane	ND	100	99	1.0	96	101	5.1
1,2,4-Trichlorobenzene	ND	108	101	6.7	81	99	20.0
1,2,4-Trimethylbenzene	ND	105	106	0.9	87	92	5.6
1,2-Dibromo-3-chloropropane	ND	114	110	3.6	99	111	11.4
1,2-Dichlorobenzene	ND	102	100	2.0	89	95	6.5
1,2-Dichloroethane	ND	93	97	4.2	96	95	1.0
1,2-Dichloropropane	ND	98	101	3.0	91	94	3.2
1,3,5-Trimethylbenzene	ND	104	104	0.0	84	89	5.8
1,3-Dichlorobenzene	ND	101	102	1.0	85	92	7.9
1,3-Dichloropropane	ND	97	100	3.0	95	97	2.1
1,4-Dichlorobenzene	ND	98	100	2.0	86	91	5.6
2,2-Dichloropropane	ND	90	94	4.3	74	73	1.4
2-Chlorotoluene	ND	102	102	0.0	83	90	8.1
2-Hexanone	ND	91	96	5.3	97	95	2.1
2-Isopropyltoluene	ND	103	106	2.9	84	90	6.9
4-Chlorotoluene	ND	97	98	1.0	84	91	8.0
4-Methyl-2-pentanone	ND	94	108	13.9	105	102	2.9
Acetone	ND	83	90	8.1	91	96	5.3
Acrylonitrile	ND	91	95	4.3	97	96	1.0
Benzene	ND	99	103	4.0	85	89	4.6
Bromobenzene	ND	97	100	3.0	84	91	8.0
Bromochloromethane	ND	97	103	6.0	96	98	2.1
Bromodichloromethane	ND	105	108	2.8	96	97	1.0
Bromoform	ND	113	119	5.2	101	102	1.0
Bromomethane	ND	104	109	4.7	68	77	12.4
Carbon Disulfide	ND	125	98	24.2	98	103	5.0
Carbon tetrachloride	ND	107	108	0.9	81	86	6.0
Chlorobenzene	ND	99	101	2.0	85	90	5.7
Chloroethane	ND	103	83	21.5	87	86	1.2
Chloroform	ND	99	105	5.9	92	92	0.0
Chloromethane	ND	106	114	7.3	87	84	3.5
cis-1,2-Dichloroethene	ND	113	118	4.3	91	93	2.2
cis-1,3-Dichloropropene	ND	91	97	6.4	87	88	1.1
Dibromochloromethane	ND	112	111	0.9	101	104	2.9
Dibromoethane	ND	97	106	8.9	97	96	1.0
Dibromomethane	ND	94	95	1.1	98	99	1.0
Dichlorodifluoromethane	ND	82	88	7.1	69	82	17.2
Ethylbenzene	ND	102	105	2.9	82	87	5.9
Hexachlorobutadiene	ND	99	91	8.4	68	83	19.9
Isopropylbenzene	ND	104	106	1.9	81	88	8.3
m&p-Xylene	ND	101	102	1.0	83	88	5.8
Methyl ethyl ketone	ND	83	89	7.0	101	99	2.0
Methyl t-butyl ether (MTBE)	ND	97	101	4.0	101	101	0.0
Methylene chloride	ND	96	102	6.1	92	92	0.0
Naphthalene	ND	116	108	7.1	91	114	22.4
n-Butylbenzene	ND	100	105	4.9	81	86	6.0
n-Propylbenzene	ND	98	100	2.0	80	87	8.4
o-Xylene	ND	100	101	1.0	88	87	1.1
p-Isopropyltoluene	ND	107	109	1.9	82	87	5.9
sec-Butylbenzene	ND	105	105	0.0	82	88	7.1

QA/QC Data

SDG I.D.: GBA33511

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
Styrene	ND	98	101	3.0	90	89	1.1
tert-Butylbenzene	ND	105	104	1.0	83	89	7.0
Tetrachloroethene	ND	98	97	1.0	77	82	6.3
Tetrahydrofuran (THF)	ND	90	98	8.5	100	101	1.0
Toluene	ND	100	107	6.8	86	89	3.4
trans-1,2-Dichloroethene	ND	95	98	3.1	89	94	5.5
trans-1,3-Dichloropropene	ND	86	94	8.9	87	88	1.1
trans-1,4-dichloro-2-butene	ND	67	78	15.2	67	68	1.5
Trichloroethene	ND	100	101	1.0	81	86	6.0
Trichlorofluoromethane	ND	130	116	11.4	85	88	3.5
Trichlorotrifluoroethane	ND	113	92	20.5	77	92	17.8
Vinyl chloride	ND	97	106	8.9	84	83	1.2
% 1,2-dichlorobenzene-d4	98	99	99	0.0	99	101	2.0
% Bromofluorobenzene	96	94	96	2.1	102	95	7.1
% Dibromofluoromethane	101	98	98	0.0	102	100	2.0
% Toluene-d8	101	100	103	3.0	103	100	3.0

QA/QC Batch 177528, QC Sample No: BA33588 (BA33516)

Volatiles

1,1,1,2-Tetrachloroethane	ND	101	101	0.0	94	101	7.2
1,1,1-Trichloroethane	ND	98	98	0.0	96	101	5.1
1,1,2,2-Tetrachloroethane	ND	103	95	8.1	89	102	13.6
1,1,2-Trichloroethane	ND	105	96	9.0	83	98	16.6
1,1-Dichloroethane	ND	100	96	4.1	90	97	7.5
1,1-Dichloroethene	ND	100	97	3.0	84	88	4.7
1,1-Dichloropropene	ND	100	104	3.9	102	106	3.8
1,2,3-Trichlorobenzene	ND	105	99	5.9	90	107	17.3
1,2,3-Trichloropropane	ND	104	96	8.0	89	101	12.6
1,2,4-Trichlorobenzene	ND	88	94	6.6	92	99	7.3
1,2,4-Trimethylbenzene	ND	96	105	9.0	105	107	1.9
1,2-Dibromo-3-chloropropane	ND	115	98	16.0	86	106	20.8
1,2-Dichlorobenzene	ND	94	96	2.1	93	100	7.3
1,2-Dichloroethane	ND	102	95	7.1	91	104	13.3
1,2-Dichloropropane	ND	103	97	6.0	91	97	6.4
1,3,5-Trimethylbenzene	ND	96	104	8.0	105	106	0.9
1,3-Dichlorobenzene	ND	93	100	7.3	98	102	4.0
1,3-Dichloropropane	ND	105	99	5.9	95	105	10.0
1,4-Dichlorobenzene	ND	89	95	6.5	96	99	3.1
2,2-Dichloropropane	ND	94	96	2.1	95	97	2.1
2-Chlorotoluene	ND	95	104	9.0	103	103	0.0
2-Hexanone	ND	81	89	9.4	44	56	24.0
2-Isopropyltoluene	ND	99	105	5.9	103	105	1.9
4-Chlorotoluene	ND	90	98	8.5	101	102	1.0
4-Methyl-2-pentanone	ND	106	92	14.1	72	89	21.1
Acetone	ND	89	79	11.9	<40	<40	NC
Acrylonitrile	ND	104	89	15.5	77	98	24.0
Benzene	ND	104	104	0.0	96	102	6.1
Bromobenzene	ND	97	101	4.0	97	102	5.0
Bromochloromethane	ND	104	92	12.2	89	102	13.6
Bromodichloromethane	ND	103	96	7.0	89	96	7.6
Bromoform	ND	106	96	9.9	86	100	15.1
Bromomethane	ND	107	105	1.9	48	46	4.3
Carbon Disulfide	ND	103	104	1.0	78	81	3.8

QA/QC Data

SDG I.D.: GBA33511

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
Carbon tetrachloride	ND	96	100	4.1	101	100	1.0
Chlorobenzene	ND	96	98	2.1	96	100	4.1
Chloroethane	ND	106	103	2.9	<40	<40	NC
Chloroform	ND	99	94	5.2	92	98	6.3
Chloromethane	ND	105	95	10.0	76	80	5.1
cis-1,2-Dichloroethene	ND	118	118	0.0	99	103	4.0
cis-1,3-Dichloropropene	ND	99	100	1.0	95	98	3.1
Dibromochloromethane	ND	101	98	3.0	93	106	13.1
Dibromoethane	ND	102	97	5.0	89	98	9.6
Dibromomethane	ND	99	94	5.2	86	97	12.0
Dichlorodifluoromethane	ND	98	84	15.4	90	89	1.1
Ethylbenzene	ND	98	103	5.0	98	101	3.0
Hexachlorobutadiene	ND	90	94	4.3	98	105	6.9
Isopropylbenzene	ND	98	104	5.9	106	106	0.0
m&p-Xylene	ND	95	102	7.1	99	101	2.0
Methyl ethyl ketone	ND	82	74	10.3	41	53	25.5
Methyl t-butyl ether (MTBE)	ND	115	101	13.0	97	113	15.2
Methylene chloride	ND	85	82	3.6	71	77	8.1
Naphthalene	ND	124	111	11.1	100	119	17.4
n-Butylbenzene	ND	92	106	14.1	102	103	1.0
n-Propylbenzene	ND	90	99	9.5	103	105	1.9
o-Xylene	ND	100	105	4.9	99	103	4.0
p-Isopropyltoluene	ND	99	110	10.5	106	107	0.9
sec-Butylbenzene	ND	95	103	8.1	104	103	1.0
Styrene	ND	96	100	4.1	97	101	4.0
tert-Butylbenzene	ND	99	107	7.8	107	106	0.9
Tetrachloroethene	ND	89	101	12.6	99	102	3.0
Tetrahydrofuran (THF)	ND	115	95	19.0	83	107	25.3
Toluene	ND	100	99	1.0	92	97	5.3
trans-1,2-Dichloroethene	ND	90	87	3.4	84	92	9.1
trans-1,3-Dichloropropene	ND	99	97	2.0	89	96	7.6
trans-1,4-dichloro-2-butene	ND	102	106	3.8	89	96	7.6
Trichloroethene	ND	100	103	3.0	96	102	6.1
Trichlorofluoromethane	ND	113	97	15.2	<40	<40	NC
Trichlorotrifluoroethane	ND	100	99	1.0	91	96	5.3
Vinyl chloride	ND	99	102	3.0	76	76	0.0
% 1,2-dichlorobenzene-d4	98	101	99	2.0	98	102	4.0
% Bromofluorobenzene	92	99	98	1.0	103	104	1.0
% Dibromofluoromethane	95	98	98	0.0	95	99	4.1
% Toluene-d8	100	100	97	3.0	97	97	0.0

QA/QC Batch 177279, QC Sample No: BA33607 (BA33518)

TPH by GC (Extractable Products)

Ext. Petroleum HC	ND	110	116	5.3
% n-Pentacosane	75	79	95	18.4

Comment:

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

QA/QC Batch 177262, QC Sample No: BA33608 (BA33518)

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	55	54	1.8
1,2,4-Trichlorobenzene	ND	56	52	7.4
1,2-Dichlorobenzene	ND	70	65	7.4

QA/QC Data

SDG I.D.: GBA33511

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
1,3-Dichlorobenzene	ND	68	60	12.5			
1,4-Dichlorobenzene	ND	68	61	10.9			
2,4,5-Trichlorophenol	ND	62	65	4.7			
2,4,6-Trichlorophenol	ND	70	70	0.0			
2,4-Dichlorophenol	ND	70	70	0.0			
2,4-Dimethylphenol	ND	44	44	0.0			
2,4-Dinitrophenol	ND	40	32	22.2			
2,4-Dinitrotoluene	ND	69	73	5.6			
2,6-Dinitrotoluene	ND	72	76	5.4			
2-Chloronaphthalene	ND	71	72	1.4			
2-Chlorophenol	ND	71	71	0.0			
2-Methylnaphthalene	ND	77	75	2.6			
2-Methylphenol (o-cresol)	ND	74	74	0.0			
2-Nitroaniline	ND	>130	>130	NC			
2-Nitrophenol	ND	70	68	2.9			
3&4-Methylphenol (m&p-cresol)	ND	79	79	0.0			
3,3'-Dichlorobenzidine	ND	N/A	N/A	NC			
3-Nitroaniline	ND	>130	>130	NC			
4,6-Dinitro-2-methylphenol	ND	53	51	3.8			
4-Bromophenyl phenyl ether	ND	69	74	7.0			
4-Chloro-3-methylphenol	ND	82	83	1.2			
4-Chloroaniline	ND	67	54	21.5			
4-Chlorophenyl phenyl ether	ND	57	59	3.4			
4-Nitroaniline	ND	79	83	4.9			
4-Nitrophenol	ND	47	45	4.3			
Acenaphthene	ND	81	82	1.2			
Acenaphthylene	ND	75	78	3.9			
Acetophenone	ND	81	81	0.0			
Aniline	ND	N/A	N/A	NC			
Anthracene	ND	82	88	7.1			
Azobenzene	ND	88	91	3.4			
Benz(a)anthracene	ND	84	88	4.7			
Benzidine	ND	N/A	N/A	NC			
Benzo(a)pyrene	ND	78	83	6.2			
Benzo(b)fluoranthene	ND	81	86	6.0			
Benzo(ghi)perylene	ND	87	93	6.7			
Benzo(k)fluoranthene	ND	77	85	9.9			
Benzoic acid	ND	N/A	N/A	NC			
Benzyl butyl phthalate	ND	94	90	4.3			
Bis(2-chloroethoxy)methane	ND	78	77	1.3			
Bis(2-chloroethyl)ether	ND	74	77	4.0			
Bis(2-chloroisopropyl)ether	ND	85	85	0.0			
Bis(2-ethylhexyl)phthalate	ND	102	105	2.9			
Carbazole	ND	103	115	11.0			
Chrysene	ND	85	91	6.8			
Dibenz(a,h)anthracene	ND	81	86	6.0			
Dibenzofuran	ND	71	73	2.8			
Diethyl phthalate	ND	51	49	4.0			
Dimethylphthalate	ND	30	29	3.4			
Di-n-butylphthalate	ND	90	90	0.0			
Di-n-octylphthalate	ND	99	104	4.9			
Fluoranthene	ND	72	77	6.7			
Fluorene	ND	78	81	3.8			

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
Hexachlorobenzene	ND	93	99	6.3			
Hexachlorobutadiene	ND	54	48	11.8			
Hexachlorocyclopentadiene	ND	<5	<5	NC			
Hexachloroethane	ND	72	62	14.9			
Indeno(1,2,3-cd)pyrene	ND	83	89	7.0			
Isophorone	ND	65	65	0.0			
Naphthalene	ND	73	72	1.4			
Nitrobenzene	ND	76	77	1.3			
N-Nitrosodimethylamine	ND	61	59	3.3			
N-Nitrosodi-n-propylamine	ND	72	73	1.4			
N-Nitrosodiphenylamine	ND	84	89	5.8			
Pentachloronitrobenzene	ND	76	80	5.1			
Pentachlorophenol	ND	77	72	6.7			
Phenanthrene	ND	77	83	7.5			
Phenol	ND	73	71	2.8			
Pyrene	ND	75	80	6.5			
Pyridine	ND	<5	<5	NC			
% 2,4,6-Tribromophenol	89	103	109	5.7			
% 2-Fluorobiphenyl	70	59	62	5.0			
% 2-Fluorophenol	76	58	63	8.3			
% Nitrobenzene-d5	80	69	70	1.4			
% Phenol-d5	77	65	65	0.0			
% Terphenyl-d14	79	53	59	10.7			

Comment:

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

QA/QC Batch 177266, QC Sample No: BA33702 (BA33517)

TPH by GC (Extractable Products)

Ext. Petroleum HC	ND	96	137	35.2	108	107	0.9
% n-Pentacosane	72	85	119	33.3	99	105	5.9

QA/QC Batch 177263, QC Sample No: BA33816 (BA33511, BA33512, BA33513, BA33514, BA33515, BA33516, BA33517)

Pesticides

4,4' -DDD	ND	86	92	6.7	115	107	7.2
4,4' -DDE	ND	83	91	9.2	100	93	7.3
4,4' -DDT	ND	80	87	8.4	108	102	5.7
a-BHC	ND	80	89	10.7	95	90	5.4
Alachlor	ND	N/A	N/A	NC	N/A	N/A	NC
Aldrin	ND	79	87	9.6	92	86	6.7
b-BHC	ND	78	89	13.2	93	89	4.4
Chlordane	ND	N/A	N/A	NC	N/A	N/A	NC
d-BHC	ND	80	90	11.8	98	90	8.5
Dieldrin	ND	79	87	9.6	94	88	6.6
Endosulfan I	ND	77	83	7.5	91	85	6.8
Endosulfan II	ND	72	77	6.7	95	89	6.5
Endosulfan sulfate	ND	69	77	11.0	89	83	7.0
Endrin	ND	78	86	9.8	93	87	6.7
Endrin aldehyde	ND	72	77	6.7	108	102	5.7
Endrin ketone	ND	81	87	7.1	103	94	9.1
g-BHC	ND	75	83	10.1	89	83	7.0
Heptachlor	ND	79	87	9.6	93	85	9.0
Heptachlor epoxide	ND	78	86	9.8	92	86	6.7
Methoxychlor	ND	82	86	4.8	>130	127	NC

QA/QC Data

SDG I.D.: GBA33511

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
Toxaphene	ND	N/A	N/A	NC	N/A	N/A	NC
% DCBP	80	70	77	9.5	87	83	4.7
% TCMX	82	74	82	10.3	84	82	2.4

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
May 31, 2011

Sample Criteria Exceedences Report

Requested Criteria: GAM, RC

GBA33511

SampNo	LocCode	Acode	Phoenix Analyte	Criteria Units	ST	State Category	Criteria Name	Result	RL	Factored Criteria	Factored RL Criteria	Analysis Units
BA33516	TRC-NOND	SPLP-PB	SPLP Lead	mg/l	CT	Inorganic Substances	GA/GAA PMC (mg/l)**	0.236	0.010	0.015	0.015	mg/L

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

Reasonable Confidence Protocol
Laboratory Analysis QA/QC Certification Form

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

Project Location: CLINTON RR STATION **Project Number:**

Laboratory Sample ID(s): BA33511, BA33512, BA33513, BA33514, BA33515, BA33516, BA33517, BA33518

Sampling Date(s): 5/20/2011

RCP Methods Used:

☑ 1311/1312	☑ 6010	☐ 7000	☐ 7196	☐ 7470/7471	☑ 8081	☐ EPH	☐ TO15
☑ 8082	☑ 8151	☑ 8260	☑ 8270	☑ ETPH	☐ 9010/9012	☐ VPH	

1.	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	☑ 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, PEST Narration, SVOA Narration, VOA Narration.	☐ Yes ☑ No
5a.	Were reporting limits specified or referenced on the chain-of-custody?	☑ Yes ☐ No
5b.	Were these reporting limits met?	☑ Yes ☐ No ☐ NA
6.	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☐ Yes ☑ No ☐ NA
7.	Are project-specific matrix spikes and laboratory duplicates included in the data set?	☑ Yes ☐ No ☐ NA

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

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

Authorized Signature: _____

Date: Tuesday, May 31, 2011

Printed Name: Greg Lawrence

Position: Assistant Lab Director

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

RCP Certification Report

May 31, 2011

SDG I.D.: GBA33511

The client requested a shorter list of elements than the 6010 RCP list.

ETPH Narration

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

Sample BA33517 - The LCS/LCSD RPD is above the criteria. Both of the recoveries are acceptable. Some variability in the reported result is possible.

Instrument: Au-fid1 05/23/11-2 (BA33512, BA33513)

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: 5/23/2011

Instrument: Au-fid1 05/23/11-3 (BA33511, BA33514, BA33515, BA33516)

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: 5/23/2011

Instrument: Au-fid1 05/24/11-2 (BA33518)

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: 5/24/2011

Instrument: Au-xl1 05/24/11-3 (BA33517)

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

RCP Certification Report

May 31, 2011

SDG I.D.: GBA33511

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

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

As per section 7.2.3, a discrimination check standard was run and contained the following outliers: C36

Printed Name Jeff Bucko
Position: Chemist
Date: 5/24/2011

QC Comments: QC Batch 77279 05/20/11 (BA33518)

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

QC (Site Specific)

---------- Sample No: BA33512 ----------

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

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

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

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

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

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

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

QC (Batch Specific)

---------- Sample No: BA33607 ----------

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

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

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

---------- Sample No: BA33702 ----------

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

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

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

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587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
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RCP Certification Report

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SDG I.D.: GBA33511

Herbicide Narration

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

The LCS/LCSD recovery for 2,4-DB, Dinoseb is below the lower range. A low bias for this compounds is possible.

Instrument: Au-ecd14 05/23/11-1 (BA33511, BA33512, BA33513, BA33514, BA33515, BA33516, BA33517)

Initial Calibration ECD14-051111
The initial calibration RSD for the compound list was less than 20% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds:

Printed Name Jeff Bucko
Position: Chemist
Date: 5/23/2011

Instrument: Au-ecd14 05/24/11-1 (BA33518)

Initial Calibration ECD14-051111
The initial calibration RSD for the compound list was less than 20% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds:

Printed Name Jeff Bucko
Position: Chemist
Date: 5/24/2011

QC Comments: QC Batch 77226 05/20/11 (BA33518)

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

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RCP Certification Report

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SDG I.D.: GBA33511

QC (Site Specific)

---------- Sample No: BA33511 ----------

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

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

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

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

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

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

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

QC (Batch Specific)

---------- Sample No: BA32949 ----------

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

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

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

Mercury Narration

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

Instrument: Merlin 05/23/11-1 (BA33511, BA33512, BA33513, BA33514, BA33515, BA33516, BA33517, BA33518)

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: 5/23/2011

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

RCP Certification Report

May 31, 2011

SDG I.D.: GBA33511

QC (Batch Specific)

---------- Sample No: BA33481 ----------

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

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

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

---------- Sample No: BA33587 ----------

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

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

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

ICP Narration

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

Instrument: Icp7 05/24/11-1 (BA33518)

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: 5/24/2011

Instrument: Icp7 05/27/11-1 (BA33516)

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: 5/27/2011

Instrument: Icp9 05/23/11-1 (BA33511, BA33512, BA33513, BA33514, BA33515, BA33516, BA33517, BA33518)

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.

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

RCP Certification Report

May 31, 2011

SDG I.D.: GBA33511

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: 5/23/2011

Instrument: Icp9 05/24/11-1 (BA33514)

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: 5/24/2011

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May 31, 2011

SDG I.D.: GBA33511

QC (Site Specific)

---------- Sample No: BA33511 ----------

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

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

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

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

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

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

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

QC (Batch Specific)

---------- Sample No: BA33162 ----------

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

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

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

---------- Sample No: BA33602 ----------

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

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

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

PCB Narration

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

Instrument: Au-ecd1 05/23/11-1 (BA33511, BA33512, BA33513, BA33514, BA33515, BA33516, BA33517)

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

May 31, 2011

SDG I.D.: GBA33511

Printed Name Michael Hahn
Position: Chemist
Date: 5/23/2011

Instrument: Au-ecd5 05/24/11-1 (BA33518)

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: 5/24/2011

Instrument: Au-ecd5 05/25/11-1 (BA33518)

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: 5/25/2011

QC Comments: QC Batch 77067 05/17/11 (BA33518)

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

PHOENIX

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SDG I.D.: GBA33511

QC (Batch Specific)

---------- Sample No: BA31780 ----------

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

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

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

---------- Sample No: BA33163 ----------

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

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

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

PEST Narration

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

The LCS/LCSD recovery for 4,4'-DDD and Methoxychlor is above the upper range. These compounds were not reported in the samples. No significant bias is suspected.

Instrument: Au-ecd4 05/23/11-2 (BA33511, BA33512, BA33513, BA33514, BA33515, BA33516, BA33517, BA33518)

8081 Narration:

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

The initial calibration RSD for the compound list was less than 20% except for the following compounds: None

The continuing calibration standards were within acceptance criteria except for the following compounds: Methoxychlor, DDD

Printed Name Mark Rochette
Position: Chemist
Date: 5/23/2011

QC Comments: QC Batch 77227 05/20/11 (BA33518)

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

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SDG I.D.: GBA33511

QC (Batch Specific)

---------- Sample No: BA32954 ----------

All LCS recoveries were within 30 - 130 with the following exceptions: 4,4' -DDD, Methoxychlor

All LCSD recoveries were within 30 - 130 with the following exceptions: 4,4' -DDD, Methoxychlor

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

---------- Sample No: BA33816 ----------

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

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

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

SVOA Narration

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

The LCS/LCSD recovery for several compounds is above the upper range. These compounds were not reported in the samples. No significant bias is suspected. The water LCS/LCSD recovery for Dimethylphthalate, Hexachlorocyclopentadiene, Pyridine is below the lower range. A low bias for these compounds is possible.

Instrument: Chem06 05/22/11-1 (BA33511, BA33512, BA33513, BA33514, BA33515, BA33516, BA33517)

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

Initial Calibration (Chem06/SV_0520)
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: Atrazine, Hexachlorocyclopentadiene, 3-nitroaniline, 2,4-dinitrophenol, 2-nitroaniline, Pentachlorophenol, Carbazole

The following compounds failed to meet the minimum required response factor: Atrazine, 2-nitrophenol, 4-chloro-3-methylphenol, % 2,4,6-tribromophenol

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

Printed Name Keith Aloisa
Position: Chemist
Date: 5/22/2011

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SDG I.D.: GBA33511

QC (Batch Specific)

---------- Sample No: BA33163 ----------

All LCS recoveries were within 30 - 130 with the following exceptions: 2-Nitroaniline, 3-Nitroaniline, Carbazole

All LCSD recoveries were within 30 - 130 with the following exceptions: 2-Nitroaniline, 3-Nitroaniline, Carbazole

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

---------- Sample No: BA33608 ----------

All LCS recoveries were within 30 - 130 with the following exceptions: 2-Nitroaniline, 3-Nitroaniline, Hexachlorocyclopentadiene, Pyridine

All LCSD recoveries were within 30 - 130 with the following exceptions: 2-Nitroaniline, 3-Nitroaniline, Dimethylphthalate, Hexachlorocyclopentadiene, Pyridine

All LCS/LCSD RPDs were less than 20% with the following exceptions: 2,4-Dinitrophenol, 4-Chloroaniline

SVOASIM Narration

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

Instrument: Chem04 05/22/11-2 (BA33518)

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

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

Initial Calibration (Chem04/SIM_0522A):
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: Benz(a)anthracene, Atrazine

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

Continuing Calibration:
Greater than 80% of target compounds met continuing calibraion criteria with a %D <20. The following compunds had >20% difference from the initial calibration: Atrazine, Pyrene, % Terphenyl-d14

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

Printed Name Damien Drobinski
Position: Chemist
Date: 5/22/2011

QC Comments: QC Batch 77262 05/20/11 (BA33518)

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

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RCP Certification Report

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SDG I.D.: GBA33511

QC (Batch Specific)

---------- Sample No: BA33608 ----------

All LCS recoveries were within 30 - 130 with the following exceptions: 2-Nitroaniline, 3-Nitroaniline, Hexachlorocyclopentadiene, Pyridine

All LCSD recoveries were within 30 - 130 with the following exceptions: 2-Nitroaniline, 3-Nitroaniline, Dimethylphthalate, Hexachlorocyclopentadiene, Pyridine

All LCS/LCSD RPDs were less than 20% with the following exceptions: 2,4-Dinitrophenol, 4-Chloroaniline

VOA Narration

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

The LCS and/or LCSD recovery for 1,2,4-Trichlorobenzene, 1,4-Dichlorobenzene, Acetone, Dichlorodifluoromethane, Hexachlorobutadiene, MEK, Methylene Chloride, trans-1,2-Dichlroroethene, trans-1,4-Dichloro-2-butene is below the lower range. A low bias for these compounds is possible.

Instrument: Chem02 05/20/11-1 (BA33518)

P-Side
Initial Calibration (RPP_0519):
All SPCCs, CCCs and >80% of target compounds met criteria except that the following compounds had %RSDs >20%: Methylene Chloride

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%: Methyl Ethyl Ketone, % Dibromofluoromethane, 1,1-Dichloropropene

Printed Name Tina Covensky
Position: Chemist
Date: 5/20/2011

Instrument: Chem03 05/20/11-2 (BA33511, BA33512, BA33513, BA33514, BA33515, BA33517)

Initial Calibration Verification (RCPS_0515):
>90% of target compounds met method criteria.
The following compounds had %RSDs >20%: Acetone, M&p-xylene, O-xylene, Styrene, N-propylbenzene, 1,3,5-trimethylbenzene, Naphthalene

Continuing Calibration Verification:
>80% of target compounds met method criteria. Internal standards were within the 50%-200% deviation from the initial calibration.
The following compounds had % Deviations >20%: None.

Printed Name Johanna Harrington
Position: Chemist
Date: 5/20/2011

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SDG I.D.: GBA33511

Instrument: Chem03 05/23/11-1 (BA33516)

Initial Calibration Verification (RCPS_0523):
>90% of target compounds met method criteria.
The following compounds had %RSDs >20%: Methylene Chloride

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

Printed Name Johanna Harrington
Position: Chemist
Date: 5/23/2011

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SDG I.D.: GBA33511

QC (Site Specific)

---------- Sample No: BA33518 ----------

All LCS recoveries were within 70 - 130 with the following exceptions: trans-1,4-dichloro-2-butene

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

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

All MS recoveries were within 70 - 130 with the following exceptions: Bromomethane, Dichlorodifluoromethane, Hexachlorobutadiene, trans-1,4-dichloro-2-butene

All MSD recoveries were within 70 - 130 with the following exceptions: trans-1,4-dichloro-2-butene

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

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

QC (Batch Specific)

---------- Sample No: BA32945 ----------

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

All LCSD recoveries were within 70 - 130 with the following exceptions: 1,2,4-Trichlorobenzene, 1,4-Dichlorobenzene, 2-Hexanone, Acetone, Dichlorodifluoromethane, Hexachlorobutadiene, Methyl ethyl ketone, Methylene chloride, trans-1,2-Dichloroethene

All LCS/LCSD RPDs were less than 30% with the following exceptions: trans-1,2-Dichloroethene, Trichlorofluoromethane

---------- Sample No: BA33588 ----------

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

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

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

PHOENIX
Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

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

Temp 4 Pg 1 of 1

Data Delivery:
[X] Fax #: 860-298-6226
[X] Email: 860-298-6399

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

Project: Clinton RR Station
Report to: Marya Mahoney
Invoice to: Same

Project P.O: 33626
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	ETPH	PCBs	Pesticides	Herbicides	RCRA8 metals (total/TSPLP)					Soil VOA [ ] Methanol [ ] S. Bisulfate [X] H20	GL Soil container (8) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [X] 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
33511	GP-1(4-6)	S	5/20/11	0900	X	X	X	X	X	X	X					X	2								
33512	GP-1(6-8)			0905	↓	↓	↓	↓	↓	↓	↓					↓	↓								
33513	GP-2(4-6)			0920	↓	↓	↓	↓	↓	↓	↓					↓	↓								
33514	GP-2(6-7)			0925	↓	↓	↓	↓	↓	↓	↓					↓	↓								
33515	GP-2A(6-7)			0930	↓	↓	↓	↓	↓	↓	↓					↓	↓								
33516	GP-3(4-6)			0950	↓	↓	↓	↓	↓	↓	↓					↓	↓								
33517	GP-3(6-8)			0955	↓	↓	↓	↓	↓	↓	↓					↓	↓								
33518	FB052011	Aq	5/20/11	1130	X	X	X	X	X	X	X								3	4		1			

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	5/20/11	13:29

Comments, Special Requirements or Regulations:
- All samples should be archived for additional SPLP analysis
- Non DAS ConnDOT Work. Need Final results package and RCP Report within 3 days

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

* SURCHARGE APPLIES

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

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

Data Format
- [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